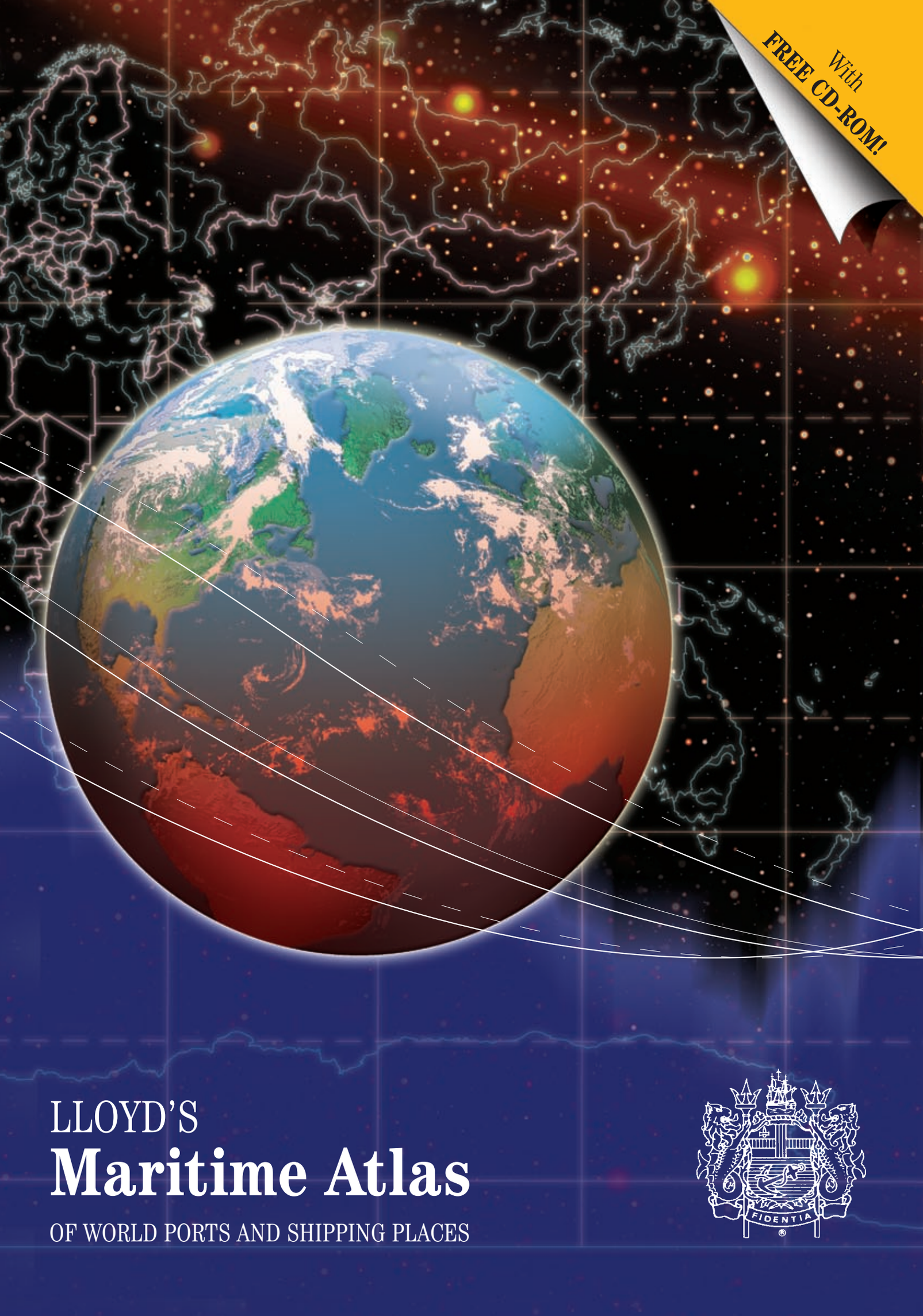


LLOYD'S
Maritime Atlas

OF WORLD PORTS AND SHIPPING PLACES

WORLD DISTANCE TABLES

Mileage extracted from BP Shipping Marine Distance Tables

Distance (nautical miles) / Voyage Time at 15 knots (days-hours)		AFRICA & MIDDLE EAST						ASIA							AUSTRALASIA					
		Mombasa	Algiers	Port Said	Kuwait	Lagos	Cape Town	Mumbai	Kolkata	Singapore	Hong Kong	Manila	Tokyo	Shanghai	Fremantle	Adelaide	Sydney	Hobart	Wellington	Suva
AFRICA & MIDDLE EAST	Mombasa		•4492	•2989	2828	5064	2509	2400	3701	3985	5441	5322	6885	6218	4564	5708	6505	6171	7409	8160
	Algiers	12-11		1503	•4809	3506	5502	•4549	•6194	•6517	•7973	•7854	•9417	•8750	•7804	•9002	•9799	•9465	•10703	+11088
	Port Said	8-7	4-4		•3306	5007	•5346	•3046	•4691	•5014	•6470	•6351	•7914	•7247	•6301	•7499	•8296	•7962	•9200	•9635
	Kuwait	7-21	13-9	9-14		7724	5169	1537	3522	3845	5301	5182	6745	6078	5391	6623	7420	7086	8324	8483
	Lagos	14-2	9-18	13-22	21-11		2566	7154	8044	8166	9472	9246	10918	10254	7270	8361	9158	8824	9750	10545
	Cape Town	6-23	15-7	14-20	14-9	7-3		4599	5489	5611	6917	6691	8363	7699	4715	5766	6563	6229	7467	8218
ASIA	Mumbai	6-16	12-15	8-11	4-6	19-21	12-19		2112	2435	3891	3772	5335	4668	3982	5220	6017	5683	6921	7073
	Kolkata	10-7	17-5	13-1	9-19	22-8	15-6	5-21		1650	3106	2987	4550	3883	3684	4957	5754	5420	6658	6378
	Singapore	11-2	18-2	13-22	10-16	22-16	15-14	6-18	4-14		1460	1341	2904	2237	2220	3504	4273	3967	5205	4733
	Hong Kong	15-3	22-4	17-23	14-17	26-7	19-5	10-19	8-15	4-1		632	1596	845	3504	4799	4511	5128	5266	4507
	Manila	14-19	21-20	17-15	14-9	25-16	18-14	10-13	8-7	3-17	1-18		1770	1128	2971	4266	3964	4581	4755	4033
	Tokyo	19-3	26-4	22-0	18-18	30-8	23-6	14-20	12-15	8-2	4-10	4-22		1048	4500	5299	4343	4960	5041	3957
	Shanghai	17-7	24-4	20-3	16-21	28-12	21-9	12-23	10-19	6-5	2-8	3-3	2-22		4037	5332	4632	5249	5358	4473
AUSTRALASIA	Fremantle	12-16	21-16	17-12	14-23	20-5	13-2	11-1	10-6	6-4	9-18	8-6	12-12	11-5		1343	2140	1806	3044	3795
	Adelaide	15-21	25-0	20-20	18-10	23-5	16-0	14-12	13-18	9-18	13-8	11-20	14-17	14-19	3-18		973	756	1884	2626
	Sydney	18-2	27-5	23-1	20-15	25-11	18-6	16-17	16-0	11-21	12-13	11-0	12-2	12-21	5-23	2-17		638	1236	1735
	Hobart	17-3	26-7	22-3	19-16	24-12	17-7	15-19	15-1	11-0	14-6	12-17	13-19	14-14	5-0	2-2	1-19		1293	2197
	Wellington	20-14	29-18	25-13	23-3	27-2	20-18	19-5	18-12	14-11	14-15	13-5	14-0	14-21	8-11	5-6	3-10	3-14		1476
	Suva	22-16	30-19	26-18	23-14	29-7	22-20	19-16	17-17	13-4	12-12	11-5	11-0	12-10	10-13	7-7	4-20	6-2	4-2	
SOUTH AMERICA	La Guaira	22-12	11-7	15-11	24-15	11-18	15-14	23-22	28-12	29-9	27-23	28-10	23-19	26-6	28-3	25-11	23-18	23-15	20-11	19-23
	Recife	16-2	9-20	14-0	23-4	6-20	9-5	21-22	24-9	24-17	28-8	27-17	30-7	30-12	22-5	25-6	25-2	24-14	21-17	23-22
	Buenos Aires	17-3	15-20	20-0	24-13	11-23	10-8	22-23	25-10	25-18	29-9	28-18	29-15	31-0	23-6	21-6	19-22	19-10	16-14	18-19
	Punta Arenas	18-15	18-20	23-0	26-0	14-10	11-20	24-10	26-22	26-8	26-22	25-13	25-18	27-3	20-8	17-9	16-1	15-14	12-17	14-22
	Valparaiso	22-14	20-13	24-17	30-0	18-9	15-19	28-10	31.21	27-18	28-9	26-22	25-20	28-4	21-18	18-19	17-11	16-23	14-2	16-0
	Callao	26-0	17-0	21-4	30-8	17-19	19-5	29-15	33-16	29-15	27-14	27-9	23-10	25-20	23-15	20-16	19-7	18-20	15-21	16-15
NORTH AMERICA	Montreal	22-11	9-23	14-4	23-8	14-6	19-18	22-15	27-4	28-2	32-3	31-19	30-9	32-19	31-16	32.0	30-7	30-4	27-0	26-12
	Halifax	21-4	8-16	12-20	22-1	12-13	18-1	21-8	25-21	26-19	30-20	30-12	27-21	30-7	30-9	29-13	27-19	27-17	24-13	24.1
	New York	22-13	10-1	14-5	23-10	13-13	18-21	22-16	27-6	28-4	31-3	31-14	26-23	29-9	31-7	28-15	26-22	26-19	23-15	23-3
	New Orleans	26-7	13-20	18-0	27-5	16-0	20-7	26-12	31-21	31-22	29-13	30-0	25-9	27-20	29-17	27-1	25-8	25-5	22-1	21-13
	San Francisco	31-12	22-7	26-11	31-2	23-3	26-23	27-4	25-0	20-10	16-19	17-7	12-16	15-0	23-15	20-10	17-22	19-6	16-10	13-5
	Vancouver	30-18	24-11	28-15	30-8	25-6	29-3	26-10	24-6	19-16	16-0	16-13	11-21	14-5	23-10	21-12	18-23	20-10	17-23	14-10
	Honolulu	27-9	26-7	30-6	27-0	27-3	29-12	23-2	20-22	16-8	13-10	13-6	9-11	12-17	18-2	14-20	12-7	13-17	11-10	7-18
CENTRAL AMERICA	Balboa	24-20	13-6	17-10	26-15	14-2	17-23	25-22	30-11	29-4	25-13	26-0	21-9	23-19	26-0	23-1	21-8	21-5	18-1	17-13
	Port of Spain	21-16	10-15	14-19	23-23	10-22	14-18	23-6	27-20	28-17	28-20	29-6	24-16	27-2	27-19	26-7	24-14	24-12	21-7	20-19
	Salina Cruz	28-2	16-13	20-17	29-21	17-8	21-5	29-4	30-14	26-0	22-10	22-21	18-6	20-16	25-4	21-23	19-20	20-9	16-20	15-8
	Tampico	27-3	14-15	18-19	28-0	16-17	20-20	27-6	31-20	32-18	29-18	30-4	25-14	28-0	29-22	27-6	25-12	25-10	22-6	21-18
	Kingston	24-8	12-0	16-4	25-9	13-9	17-11	24-15	29-5	30-3	27-5	27-15	23-1	25-11	27-9	24-16	22-23	22-21	19-16	19-4
EUROPE	London	17-7	4-19	9-0	18-4	11-11	17-0	17-11	22-0	22-22	26-23	26-15	30-23	29-3	26-12	29-19	32-1	31-2	31-9	30-21
	Rotterdam	17-10	4-22	9-2	18-7	11-14	17-3	17-13	22-3	23-1	27-2	26-18	31-2	29-5	26-14	29-22	32-3	31-5	31-11	30-23
	Hamburg	18-2	5-15	9-19	19-0	12-7	17-20	18-6	22-20	23-17	27-18	27-11	31-19	29-22	27-7	30-15	32-20	31-22	32-4	31-16
	Stockholm	20-2	7-15	11-19	21-0	14-7	19-20	20-6	24-20	25-17	29-18	29-11	33-19	31-22	29-7	32-15	34-20	33-22	33-14	33-2
	Marseilles	12-12	1-3	4-5	13-9	10-12	16-1	12-16	17-6	18-3	22-4	21-20	26-4	24-8	21-17	25-1	27-6	26-8	29-18	30-23
	Gibraltar	13-15	1-3	5-8	14-12	8-15	14-4	13-19	18-8	19-6	23-7	22-23	27-7	25-11	22-20	26-3	28-9	27-10	30-4	29-16
	Piraeus	9-23	2-23	1-16	10-20	12-17	16-12	10-3	14-16	15-14	19-15	19-7	23-15	21-19	19-4	22-11	24-17	23-18	27-5	28-10

× Via Kiel Canal
• Via Suez Canal
+ Via Panama Canal

WORLD DISTANCE TABLES

SOUTH AMERICA						NORTH AMERICA							CENTRAL AMERICA					EUROPE						
La Guaira	Recife	Buenos Aires	Punta Arenas	Valparaiso	Callao	Montreal	Halifax	New York	New Orleans	San Francisco	Vancouver	Honolulu	Balboa	Port of Spain	Salina Cruz	Tampico	Kingston	London	Rotterdam	Hamburg	Stockholm	Marseilles	Gibraltar	Piraeus
8094	5794	6168	6706	8133	9361	•8082	•7616	•8108	•9472	•11337	11063	9858	+8942	•7793	+10115	•9759	8758	•6222	•6263	•6516	•7236	•4501	•4902	•3582
4064	3540	5701	+6774	+7391	+6116	3592	3126	3618	4982	+8022	+8801	+9464	+4776	3823	+5949	5269	4325	1732	1773	2026	2746	410	412	1071
5565	5041	7202	+8275	+8892	+7617	5093	4627	5119	6483	+9523	+10302	•10887	+6277	5324	+7450	6770	5826	3233	3274	3527	4247	1512	1913	593
8871	8347	8828	9366	10793	•10923	•8399	•7933	•8425	•9789	11197	10923	9718	‡9583	•8630	‡10756	•10076	•9132	•6539	•6580	•6833	•7553	•4818	•5219	•3899
4230	2453	4304	5186	6613	+6412	5130	4512	4870	5754	+8318	+9097	+9760	+5072	3929	+6245	6018	4821	4130	4171	4424	5144	3784	3098	4575
5617	3318	3718	4256	5683	6911	•7115	6489	6789	7306	+9710	10489	10626	+6464	5315	+7637	7498	6279	6122	6163	6416	7136	5780	5094	5939
•8611	7884	8258	8796	10223	+10663	•8139	•7673	•8165	•9529	9787	9513	8308	‡9323	•8370	‡10496	•9816	•8872	•6279	•6320	•6573	•7293	•4558	•4959	•3639
•10256	8774	9148	9686	11113	12115	•9784	•9318	•9810	•11174	9002	8728	7523	‡10968	•10015	11008	•11461	•10517	•7924	•7965	•8218	•8938	•6203	•6604	•5284
•10579	8896	9270	9482	9988	10662	•10107	•9641	•10133	•11497	7356	7082	5877	10495	•10338	9362	•11784	•10840	•8247	•8288	•8541	•9261	•6526	•6927	•5607
+10069	10202	10576	9708	10214	9929	•11563	•11097	+11207	+10638	6044	5760	4837	9196	+10375	8070	+10708	+9790	•9703	•9744	•9997	•10717	•7982	•8383	•7063
+10228	9976	10350	9202	9689	9849	•11444	•10978	+11366	+10797	6223	5950	4769	9355	•10534	8229	+10867	+9949	•9584	•9625	•9878	•10598	•7863	•8264	•6944
+8572	10911	10666	9271	9294	8424	+10928	+10036	+9710	+9141	4559	4276	3402	7699	+8878	6569	+9211	+8293	•11147	•11188	•11441	•12161	•9426	•9827	•8507
•9444	10984	11163	9768	10134	9304	+11800	+10908	+10582	+10013	5398	5114	4572	8571	9750	7443	+10083	+9165	•10480	•10521	•10774	•11494	•8759	•9160	•7840
10130	8000	8374	7321	7827	8501	•11394	•10928	+11268	+10699	8501	8428	6503	9357	+9999	9065	+10769	+9851	•9534	•9575	•9828	•10548	•7813	•8214	•6894
+9165	9091	7651	6256	6762	7436	+11521	+10629	+10303	+9734	7356	7745	5336	8292	+9471	7898	+9804	+8886	•10732	•10773	•11026	•11746	•9011	•9412	•8092
+8546	9027	7174	5779	6281	6944	+10902	+10010	+9684	+9115	6456	6822	4427	7673	+8852	7142	+9185	+8267	•11529	•11570	•11823	•12543	•9808	•10209	•8889
+8509	8848	6995	5603	6106	6780	+10865	+9973	+9647	+9078	6930	7346	4931	7636	+8815	7331	+9148	+8230	•11195	•11236	•11489	•12209	•9474	•9875	•8555
+7365	7818	5965	4570	5069	5717	+9721	+8829	+8503	+7934	5909	6459	4114	6492	+7671	6059	+8004	+7086	+11291	+11332	+11585	+12097	•10712	+10860	•9793
+7185	8617	6764	5369	5758	5980	+9541	+8649	+8323	+7754	4760	5187	2783	6312	+7491	5521	+7824	+6906	+11111	+11152	+11405	+11917	•11147	+10680	•10228
	2464	4535	+4810	+3488	+2213	2933	2058	1848	1838	+4119	+4898	+5561	+873	329	+2046	+1945	730	4193	4234	4487	5071	4342	3656	5133
6-20		2177	3248	4675	+4552	4269	3540	3670	4052	+6458	+7237	+7900	+3212	2063	+4385	4246	3027	4133	4174	4427	×4942	3818	3132	4609
12-14	6-1		1395	2822	4050	6440	5715	5845	6223	7596	8403	7765	5383	4238	5868	6419	5198	6300	6341	6594	7314	5979	5293	6770
13-9	9-1	3-21		1427	2655	7515	6786	6916	7298	6201	7008	6370	3937	5309	4473	7492	+4531	7375	7416	+7669	8389	7052	6336	7843
9-17	13-0	7-20	3-23		1299	+5844	+4952	+4626	+4057	5146	5919	5917	2615	+3794	3247	+4127	+3209	+7414	+7455	+7708	+8220	+7669	+6983	+8460
6-4	12-15	11-6	7-9	3-15		+4569	+3677	+3351	+2782	3988	4767	5157	1340	+2519	2011	+2852	+1934	+6139	+6180	+6433	+6945	+6394	+5708	+7185
8-4	11-21	17-21	20-21	16-6	12-17		958	1516	3069	+6475	+7254	+7917	+3229	2895	+4402	3354	2690	3249	3290	3412	3889	3870	3184	4661
5-17	9-20	15-21	18-20	13-18	10-5	2-16		593	2148	+5583	+6362	+7025	+2337	2055	+3510	2438	1795	2741	2782	2975	3452	3404	2718	4195
5-3	10-5	16-6	19-5	12-20	9-7	4-5	1-16		1707	+5257	+6036	+6699	2011	1932	+3184	1999	1472	3342	3303	3620	4097	3896	3210	4687
5-3	11-6	17-7	20-7	11-6	7-17	8-13	5-23	4-18		+4688	+5467	+6130	+1442	2065	+2615	733	1155	4813	4854	5064	5541	5260	4574	6051
11-11	17-23	21-2	17-5	14-7	11-2	18-0	15-12	14-14	13-1		816	2095	3246	+4425	2122	+4758	+3840	+8045	+8086	+8339	+8851	+8300	+7614	+9091
13-15	20-2	23-8	19-11	16-11	13-6	20-4	17-16	16-18	15-4	2-7		2423	4025	+5204	2920	+5537	+4619	+8824	+8865	+9118	+9630	+9079	+8393	+9870
15-11	21-23	21-14	17-17	16-10	14-8	22-0	19-12	18-15	17-1	5-20	6-18		4688	+5867	3578	+6200	+5282	+9487	+9528	+9781	+10293	+9742	9056	+10533
2-10	8-22	14-23	10-22	7-6	3-17	9-6	6-12	5-14	4-0	9-0	11-4	13-1		+1179	1173	+1512	+594	+4799	+4840	5093	+5605	+5054	+4368	+5845
0-22	5-18	11-19	14-18	10-13	7-0	8-1	5-17	5-9	5-18	12-7	14-11	16-7	3-7		+2352	2220	999	4010	4051	4304	4928	4101	3415	4892
5-16	12-4	16-7	12-10	9-0	5-14	12-5	9-18	8-20	7-6	5-21	8-3	9-23	3-6	6-13		+2685	+1767	+5972	+6013	+6266	+6778	+6277	+5541	+7018
5-10	11-19	17-20	20-19	11-11	7-22	9-8	6-19	5-13	2-1	13-5	15-9	17-5	4-5	6-4	7-11		1263	5101	5142	5352	5829	5547	4861	6338
2-1	8-10	14-11	12-14	8-22	5-9	7-11	5-0	4-2	3-5	10-16	12-20	14-16	1-16	2-19	4-22	3-12		4271	4312	4565	5068	4603	3917	5394
11-16	11-12	17-12	20-12	20-14	17-1	9-1	7-15	9-7	13-9	22-8	24-12	26-8	13-8	11-3	16-14	14-4	11-21		187	428	×943	2010	1324	2801
11-18	11-14	17-15	20-14	20-17	17-4	9-3	7-17	9-10	13-12	22-11	24-15	26-11	13-11	11-6	16-17	14-7	11-23	0-12		305	×820	2051	1365	2842
12-11	12-7	18-8	21-8	21-10	17-21	9-11	8-6	10-1	14-2	23-4	25-8	27-4	14-4	11-23	17-10	14-21	12-16	1-5	0-20		×587	2304	1618	3095
14-2	13-17	20-8	23-7	22-20	19-7	10-19	9-14	11-9	15-9	24-14	26-18	28-14	15-14	13-17	18-20	16-5	14-2	2-15	2-7	1-16		3024	×2338	3815
12-1	10-15	16-15	19-14	21-7	17-18	10-18	9-11	10-20	14-15	23-1	25-5	27-1	14-1	11-9	17-10	15-10	12-19	5-14	5-17	6-10	8-10		690	1065
10-4	8-17	14-17	17-16	19-10	15-21	8-20	7-13	8-22	12-17	21-4	23-8	25-4	12-3	9-12	15-9	13-12	10-21	3-16	3-19	4-12	6-12	1-22		1481
14-6	12-19	18-19	21-19	23-12	19-23	12-23	11-16	13-0	16-19	25-6	27-10	29-6	16-6	13-14	19-12	17-15	15-0	7-19	7-21	8-14	10-14	2-23	4-3	



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Publisher:
Lloyd's Marine Intelligence Unit
69-77 Paul Street, London EC2A 4LQ, United Kingdom
Tel: +44 (0) 20 7017 4779 Fax: +44 (0) 20 7017 5007
Email: directories@lloydsmiu.com
www.lloydsmiu.com

Cartography:
Department of Maritime Studies
University of Wales College of Cardiff, Cardiff CF1 3YP

Editor:
Paul Aldworth

Deputy Editor:
Jan Waters

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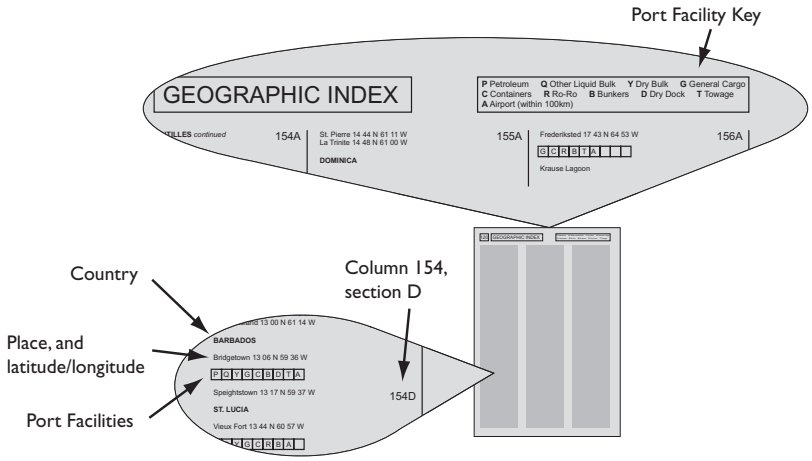
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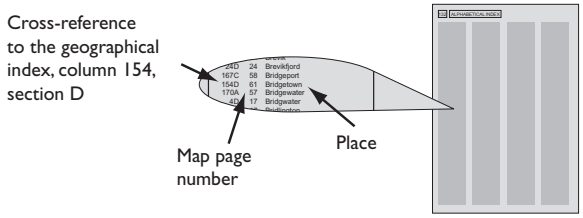
GEOGRAPHICAL INDEX

This index helps you find ports and places according to their geographic proximity. The index begins with London, and follows the coastlines of the world in a spiral, incorporating all islands and ending in Canada. The world map below shows the route this index takes.

The geographical index gives detailed information for all port facilities, as well as the latitude and longitude (latitude for North and South of the equator, and longitude for East and West of the Greenwich Meridian Line).



The geographical index is arranged in columns which are divided into four sections, marked A-D. The column/section reference is used by the alphabetical index to cross-refer to the correct listing in the geographical index (see below).



ALPHABETICAL INDEX

Look up a place in the Alphabetical Index. This will show the column and section reference to the listing in the geo index. It also shows the page number to the map on which the place is featured.

The Course Of The Geographical Index



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LLOYD'S

MARITIME ATLAS

OF WORLD PORTS AND SHIPPING PLACES

SYMBOLS

International Airport	
Motorway	
Port	
Anchorage/Roadstead Port	
Offshore Terminal	
Oil Field in Production	
Gas Field in Production	
Oil Pipeline	
Gas Pipeline	
Pipeline Landfall	
Research Station (Antarctic)	
Capital City	
Major City or Town	
Major Road	
Railway	
International Boundary	
State/Province Boundary	
Median Line	
International Dateline	
River	
Seasonal River	
Seasonal Lake	
Limit of Permanent Pack Ice	
Ice Shelf	
Canal	
Lock (Panama Canal)	
Dam/Barrage	
Area Covered by Inset	

LETTERING

Port, Major City or Town	Rotterdam
Capital City	LONDON
Country	UNITED KINGDOM
Dependency / Territory	Society Islands (FRANCE)
State / Province	CALIFORNIA
Ocean	ATLANTIC OCEAN
Sea	Caribbean Sea
River, Canal	Thames
Physical Feature	*Land's End*
Island	Jersey

ABBREVIATIONS

loa — Length Overall
N/A — Not Applicable
Km — Kilometres
Nm — Nautical Miles
dwt — Deadweight Tonnage

GLOSSARY

Beam ..... Overall vessel width.
Draught ..... Vertical distance between a vessel's lowest point and adjacent sea level.
Air Draught ..... Vertical distance between a vessel's highest point and adjacent sea level.
Seasonal Draught ..... Variations in draught according to season and geographical region.
Elevation ..... Height above mean sea level.

Ports in **bold type** on regional distance tables are included on the World Distance Table. All distances are in Nautical Miles, except on Fact Panels where kilometres are also provided where relevant.

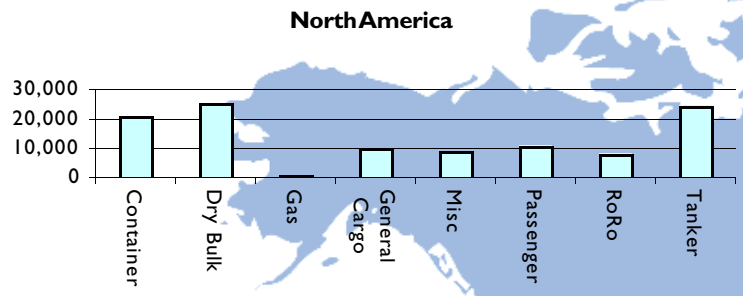
Scale varies between each individual map and is indicated on the appropriate scale bar.

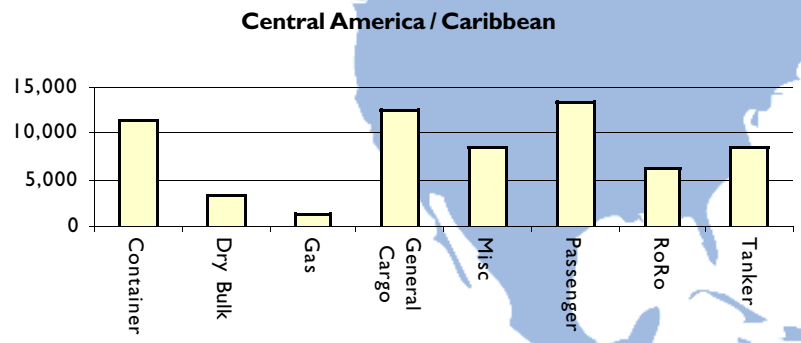
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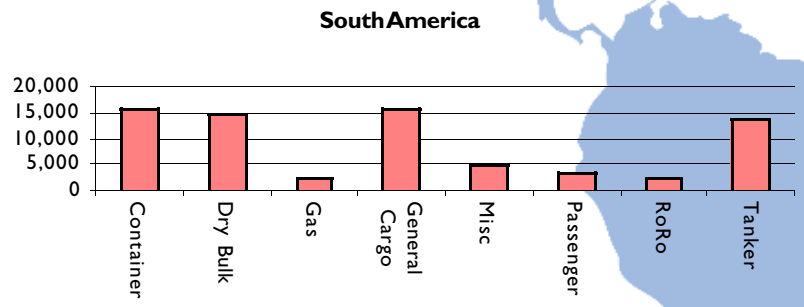
GLOBAL MARITIME STATISTICS

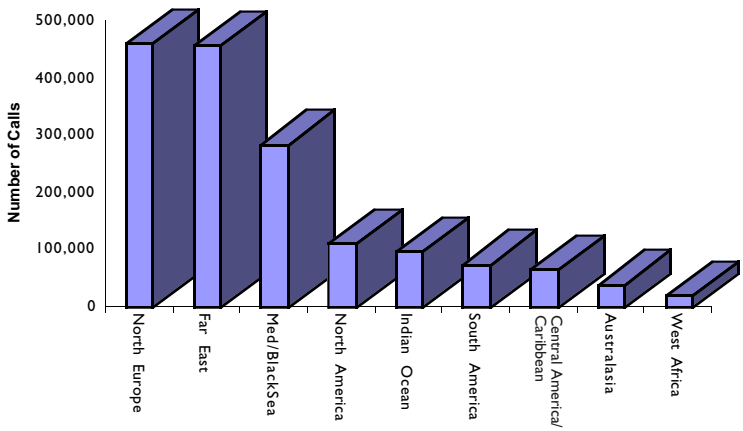
Lloyd's MIU Consultancy has compiled the following global statistics, examining the movements of the merchant fleet and detailing some findings by vessel category where significant. The data is sourced from the Lloyd's MIU database. For any statistical or research enquiries please email consultancy@lloydsmiu.com

Port Calls By Region 2004



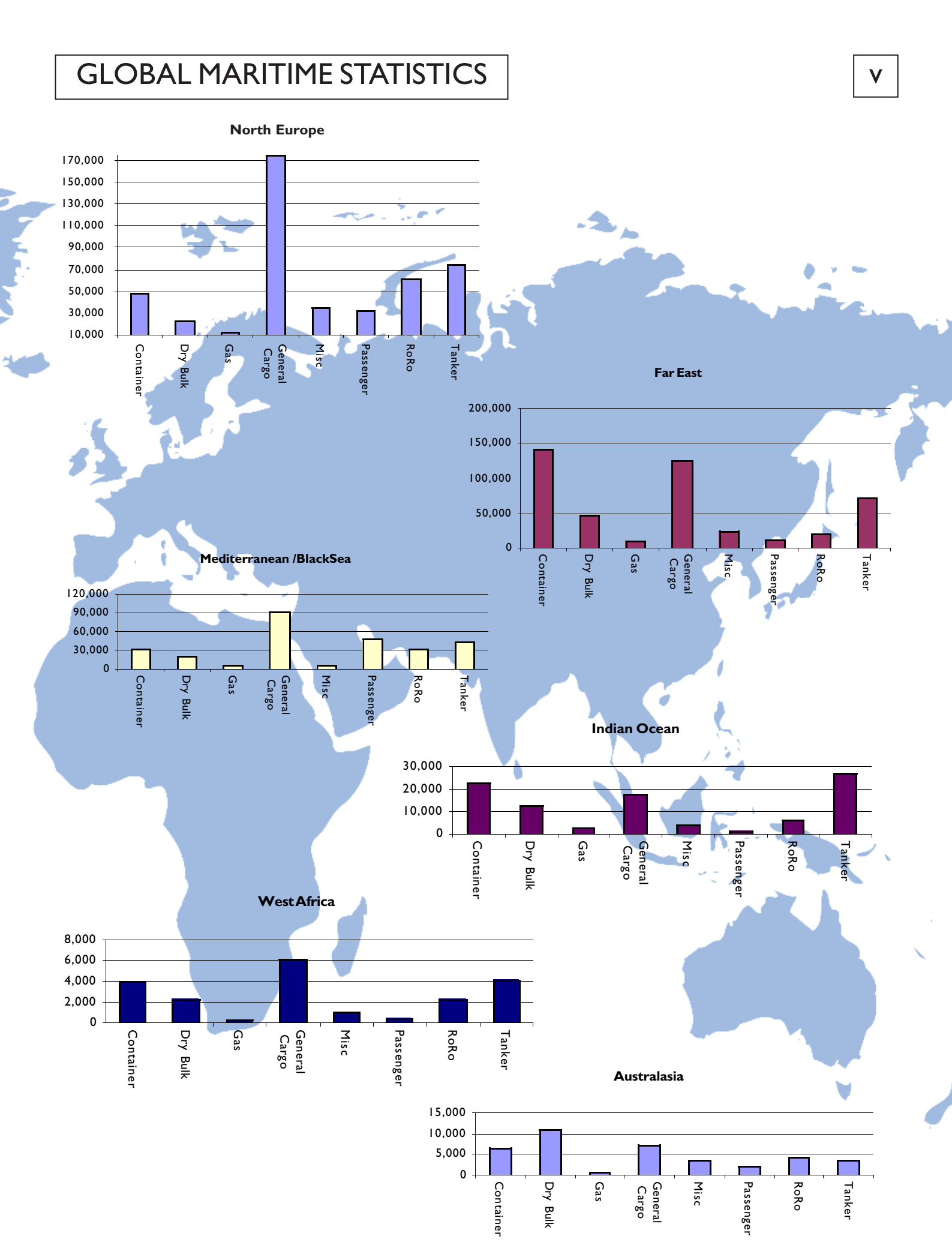






Calls By Region 2004	No.Calls
North Europe	461,490
Far East	458,521
Med/Black Sea	284,924
North America	110,881
Indian Ocean	96,482
South America	74,648
Central America/Caribbean	66,347
Australasia	39,981
West Africa	21,048
Total	1,614,322

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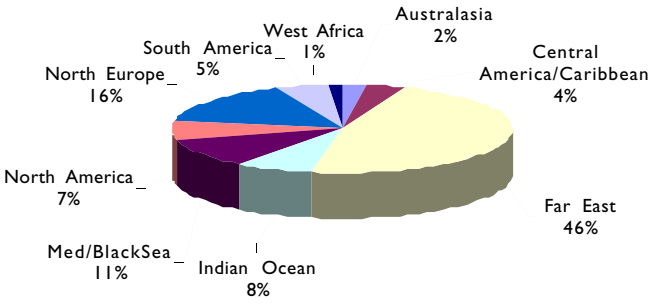


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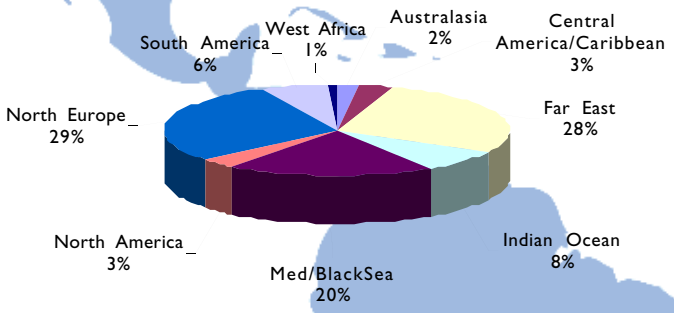
Calls By Region and Vessel Type 2004

	Australasia	Central America Caribbean	Far East	Indian Ocean
Container	6,758	11,611	143,193	23,043
Dry Bulk	10,876	3,375	46,848	12,925
Gas	819	1,351	11,247	3,117
General cargo	7,426	12,767	126,564	17,803
Miscellaneous	3,509	8,601	25,146	4,153
Passenger	2,377	13,631	12,124	1,420
Ro Ro	4,375	6,407	20,394	6,536
Tanker	3,841	8,604	73,005	27,485

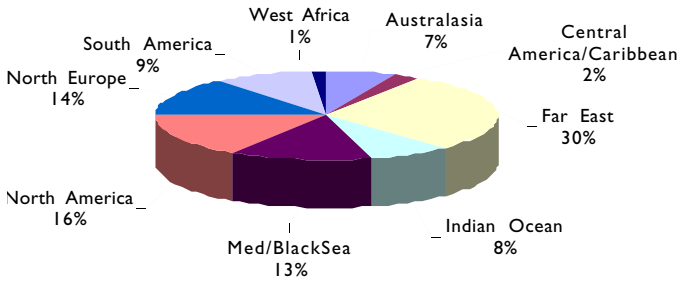
Container



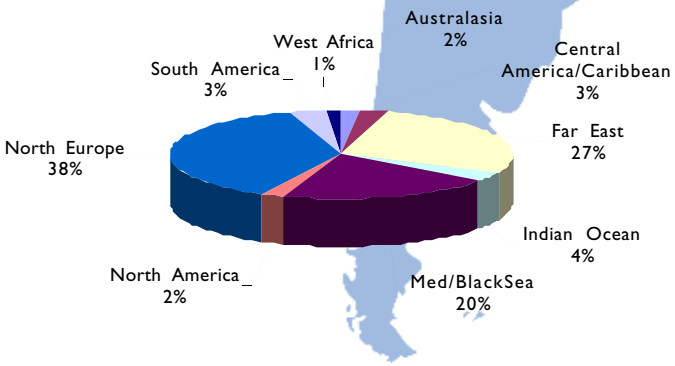
Gas



Dry Bulk



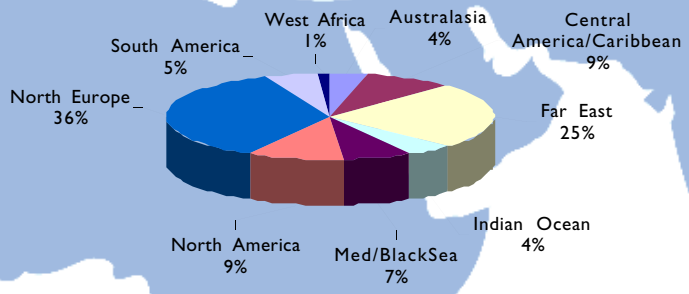
General Cargo



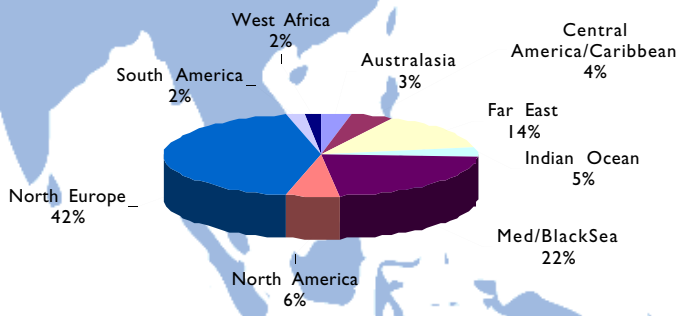
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Mediterranean Black Sea	North America	North Europe	South America	West Africa
32,439	20,575	48,234	15,870	3,952
21,539	25,777	22,908	14,870	2,362
7,955	1,278	12,025	2,412	378
93,179	10,275	174,575	16,043	6,142
6,718	9,258	35,250	5,268	1,135
47,990	10,925	31,846	3,446	533
31,496	7,959	61,435	2,770	2,382
43,608	24,834	75,217	13,969	4,164

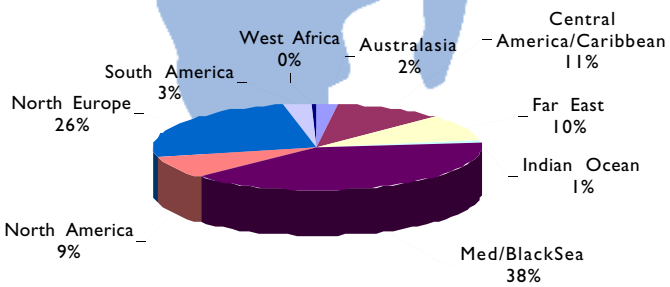
Miscellaneous



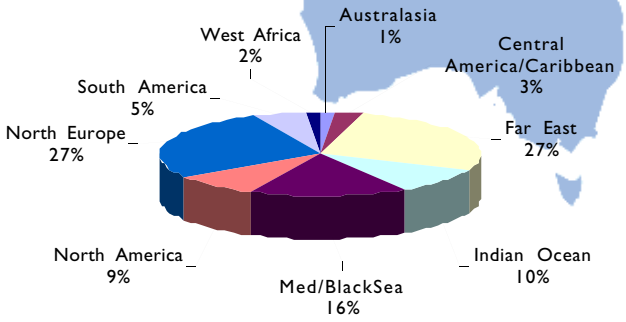
RoRo



Passenger



Tanker

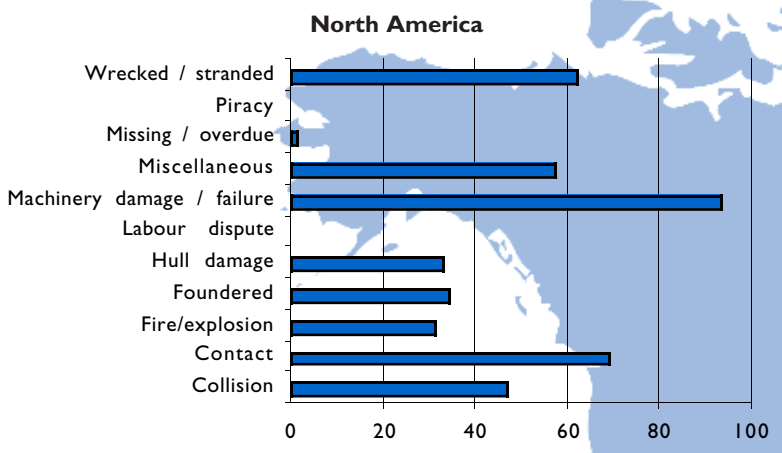


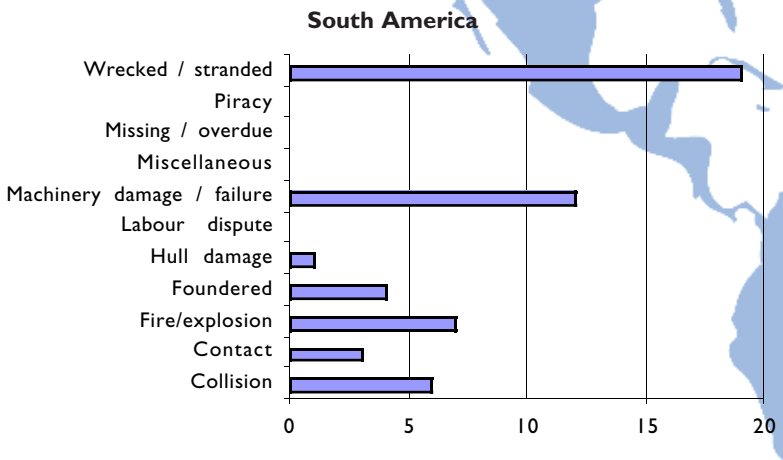
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GLOBAL MARITIME STATISTICS

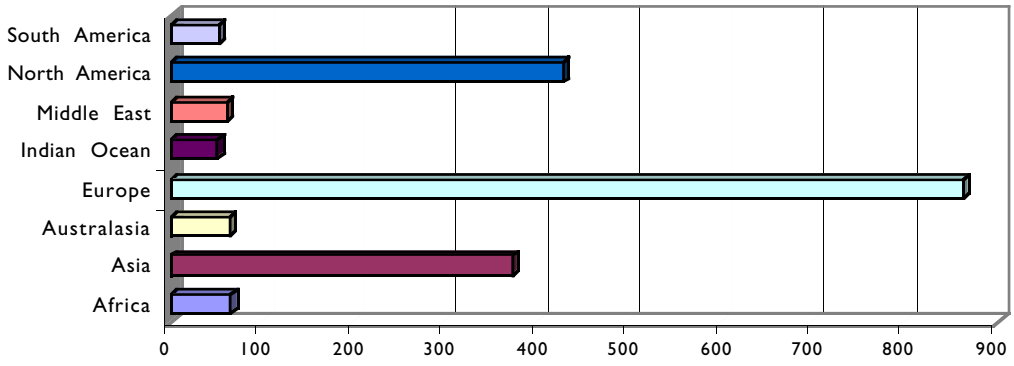
In 2004 there were 2,033 reported casualty incidents worldwide, a 5% increase on 2003. Over 40% of incidents occurred in European waters, reflecting the high level of vessel activity in this part of the world. Most of these incidents (65%) involved machinery failure, collision or stranding. Machinery failure was also the single largest cause of casualty incidents worldwide, accounting for 25% of cases.

Marine Casualties throughout 2004

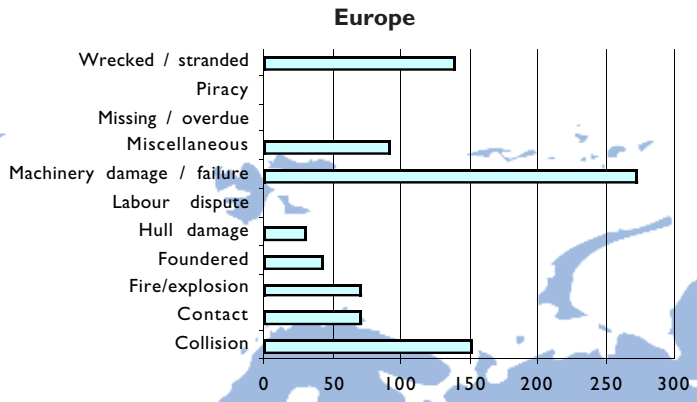


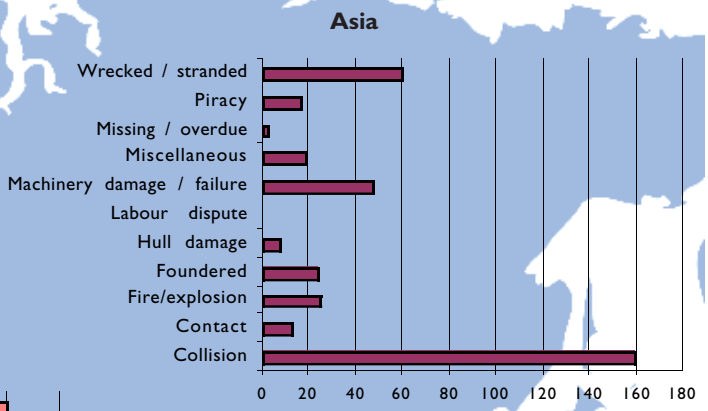


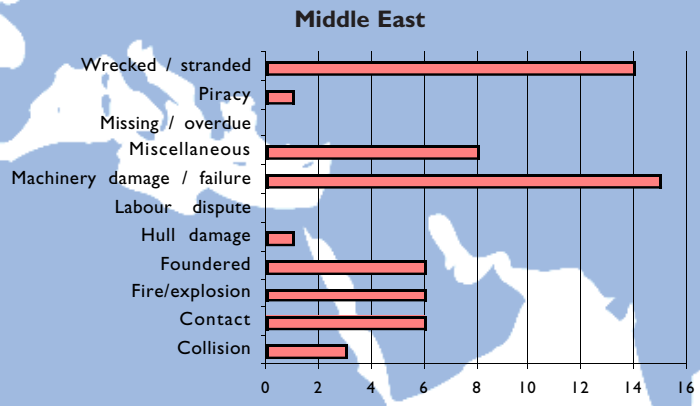
Casualties By Region 2004

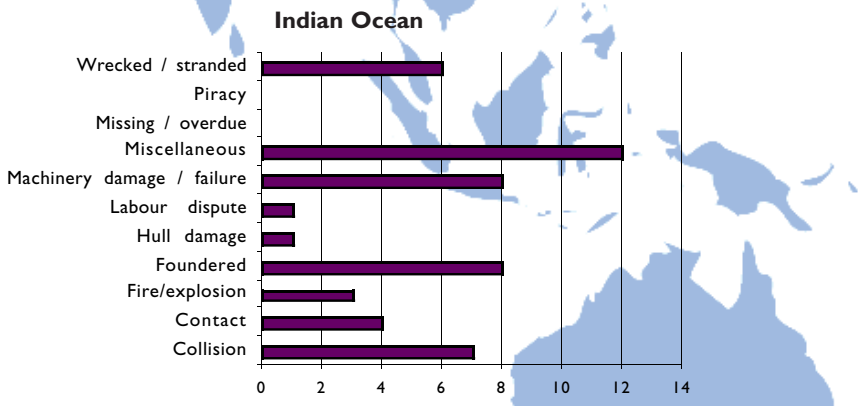


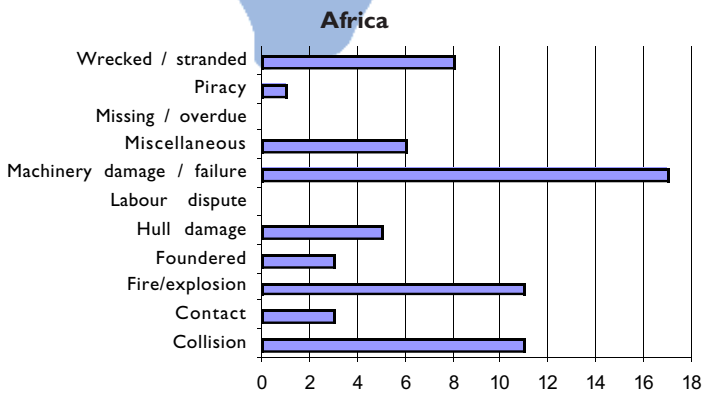
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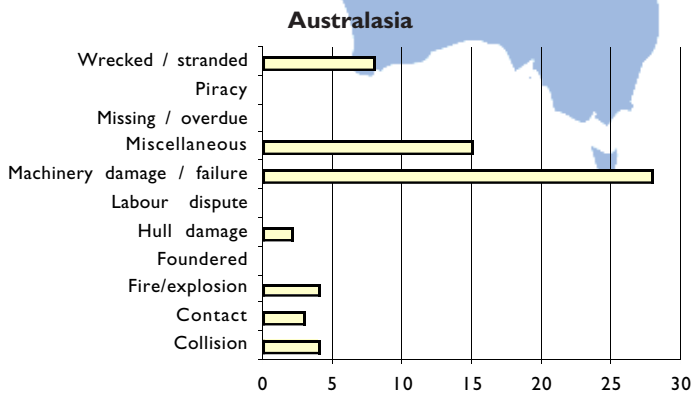










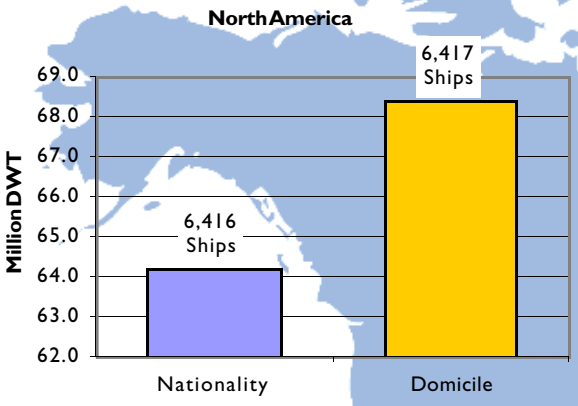


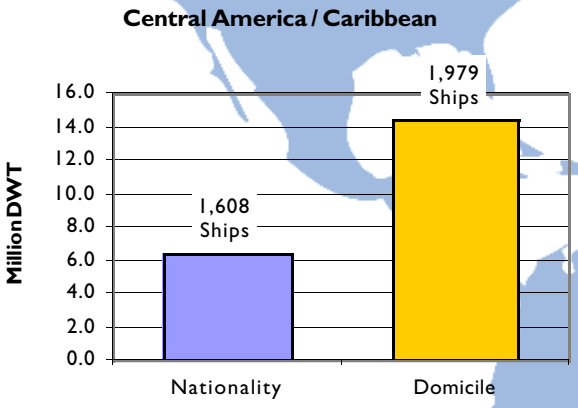
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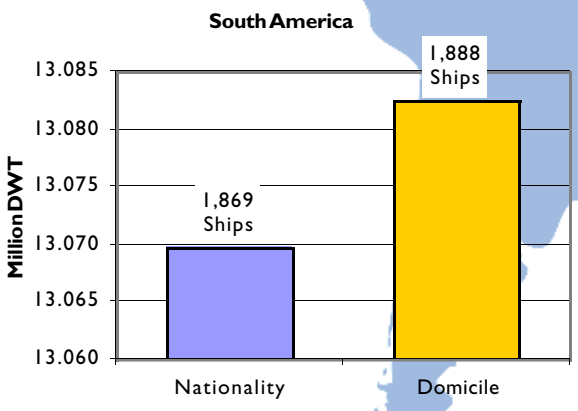
GLOBAL MARITIME STATISTICS

These charts identify the ownership, nationality and place of domicile of owners of the world merchant fleet broken down by region.

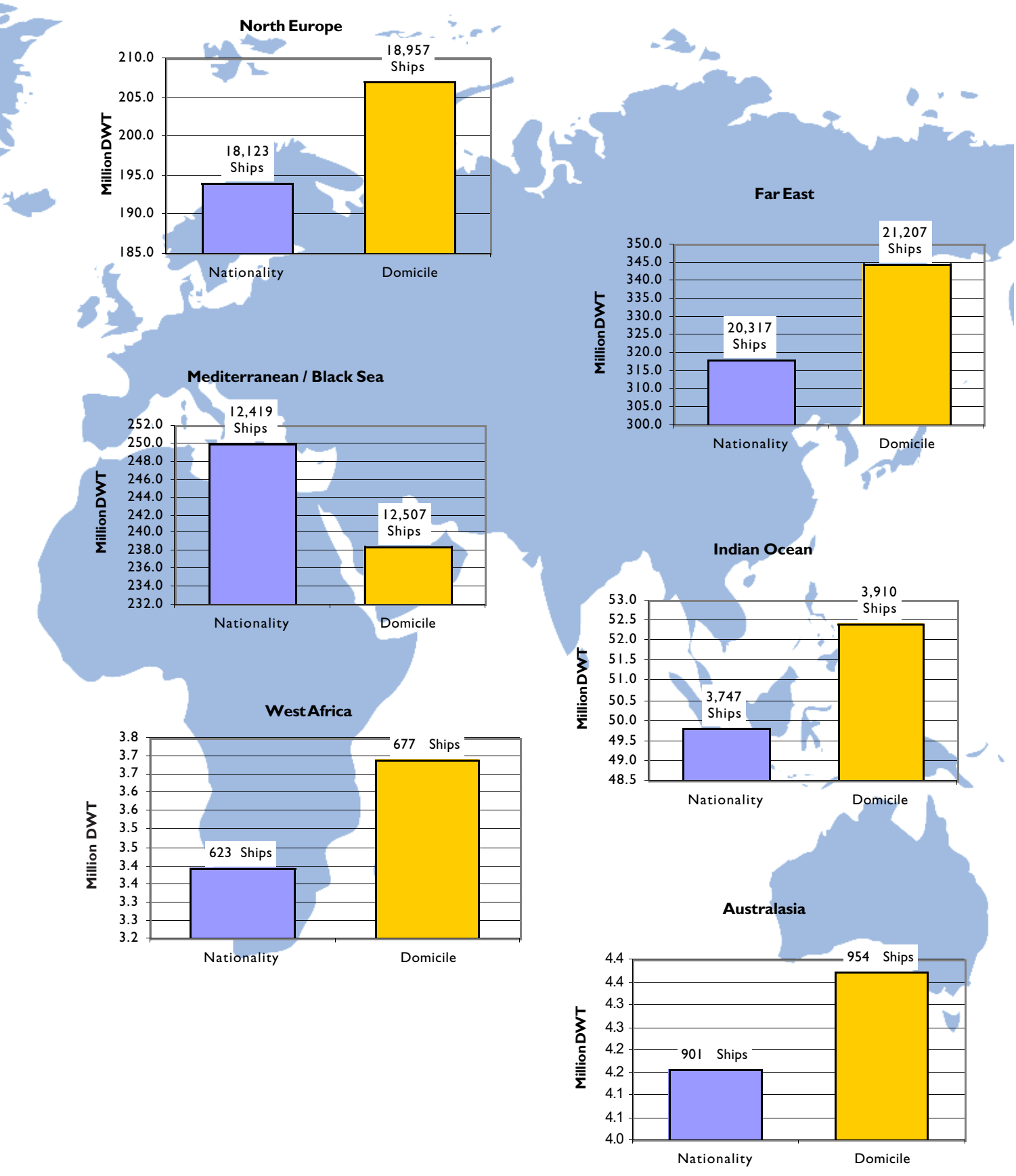
Ownership, nationality and place of domicile 2004







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CONTENTS

PAGE

INSIDE FRONT COVER
WORLD DISTANCE TABLE

II USER GUIDE

III SYMBOLS AND ABBREVIATIONS

IV GLOBAL MARITIME STATISTICS

XII INDEX TO MAPS

1 FOREWORD

2 MAPS

69 GEOGRAPHICAL INDEX

131 ALPHABETICAL INDEX

2 INDEX MAP

4 WEATHER HAZARDS AT SEA

6 INTERNATIONAL LOAD LINE ZONES

OCEAN MAPS

8 North Atlantic Ocean
10 Atlantic and Indian Oceans
12 Pacific Ocean
14 Arctic
15 Antarctic

REGIONAL MAPS

16 United Kingdom and Ireland
Insets:
Thames
Humber, Trent
Tyne, Tees
Clyde
18 English Channel
19 North Sea
20 Northern Europe
22 Belgium, Netherlands and Germany
24 Southern Scandinavia
26 Baltic Sea
27 Black Sea, Caspian Sea
28 Mediterranean Sea
30 Bay of Biscay
30 Strait of Gibraltar
31 Northern Mediterranean

PAGE

31 Gulf of Naples
31 Gulf of Tunis
31 Gulf of Venice
32 Aegean Sea
Inset: Piraeus
33 Eastern Mediterranean
34 Africa and the Middle East
Inset: Azores
36 West Africa
37 Persian Gulf
38 South Asia
Inset: Hong Kong
40 India
41 Gulf of Thailand
42 Malaysia, Indonesia
Insets:
Singapore,
Brunei
44 Philippines
45 Japan
46 China, Korea
48 Australasia and Pacific Islands
50 North America
52 Pacific Northwest
53 Southern California
54 Eastern United States
Inset: Bermuda
56 Great Lakes
57 Gulf of St. Lawrence
58 Eastern Seaboard
Inset: New York
59 Central America
60 Caribbean Sea
62 South America
64 River Plate, Southern Brazil
65 Kiel Canal
66 Rhine-Main-Danube Canal
67 Suez Canal
68 Panama Canal
69 Geographical Index
131 Alphabetical Index

FACT PANELS

18 Seine
23 Rhine
23 Western Scheldt
25 Lake Vanern
26 Saimaa Canal
27 Volga, Don
38 Yangtze (Chiang Jiang)
56 Great Lakes
57 St. Lawrence Seaway
62 Amazon
64 River Parana
65 Kiel Canal
66 Rhine-Main-Danube Canal
67 Suez Canal
68 Panama Canal

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LLOYD'S

MARITIME ATLAS

OF WORLD PORTS AND SHIPPING PLACES

Welcome to the fully revised 23rd edition of Lloyd's Maritime Atlas - your reference to the world's ports and shipping places. In this edition we have completely reviewed and updated all the maps and places, to show all changes to port names, country names and borders. New in this edition is a FREE electronic version of the atlas on CD for greater portability. Also new is the statistical section at the front of the atlas, provided by the consultancy division of Lloyd's Marine Intelligence Unit, to give a global snapshot of the commercial fleet in terms of its movements, characteristics and casualties.

This atlas, which is the oldest and most distinguished maritime atlas being published today, has a unique indexing system designed for two models of enquiry. You can look up a place using either the alphabetical index or the geographical index. A userguide on page ii explains in detail how to use the geographical index, suffice to say that it enables you to search the ports and places in the index by geographical proximity. Of course, the alphabetical index provides the standard indexing model if preferred.

As well as the world maps, ocean maps, and regional maps in this atlas, there are larger scale detail maps for the busiest shipping areas. With full-colour used throughout, these clear and concise proprietary maps have been designed to ensure Lloyd's Maritime Atlas provides a comprehensive and user-friendly reference to all the world's commercial ports, as well as many smaller ports and shipping places.

In this atlas you will find precise latitude/longitude co-ordinates, major canals and river systems, weather conditions, load line zones, major road and rail links and international airports, world and regional distance tables. This edition has had 10 more ports added to the regional maps, and 152 port places added to the geographical index.

If you require detailed port information, Lloyd's Maritime Atlas has been designed to be used in conjunction with it's companion product, Lloyd's List Ports of the World. Cross-referencing to the ports listed there will provide extremely detailed information on individual ports, including facilities and services. Lloyd's List Ports of the World is also available as a web-based service via www.lloydsports.com - you can buy Lloyd's List Ports of the World from www.lloydsmiu.com

We are always looking to improve the quality of Lloyd's Maritime Atlas, and welcome any comments. If you would like to contact us, please email enquiries@lloydsmiu.com

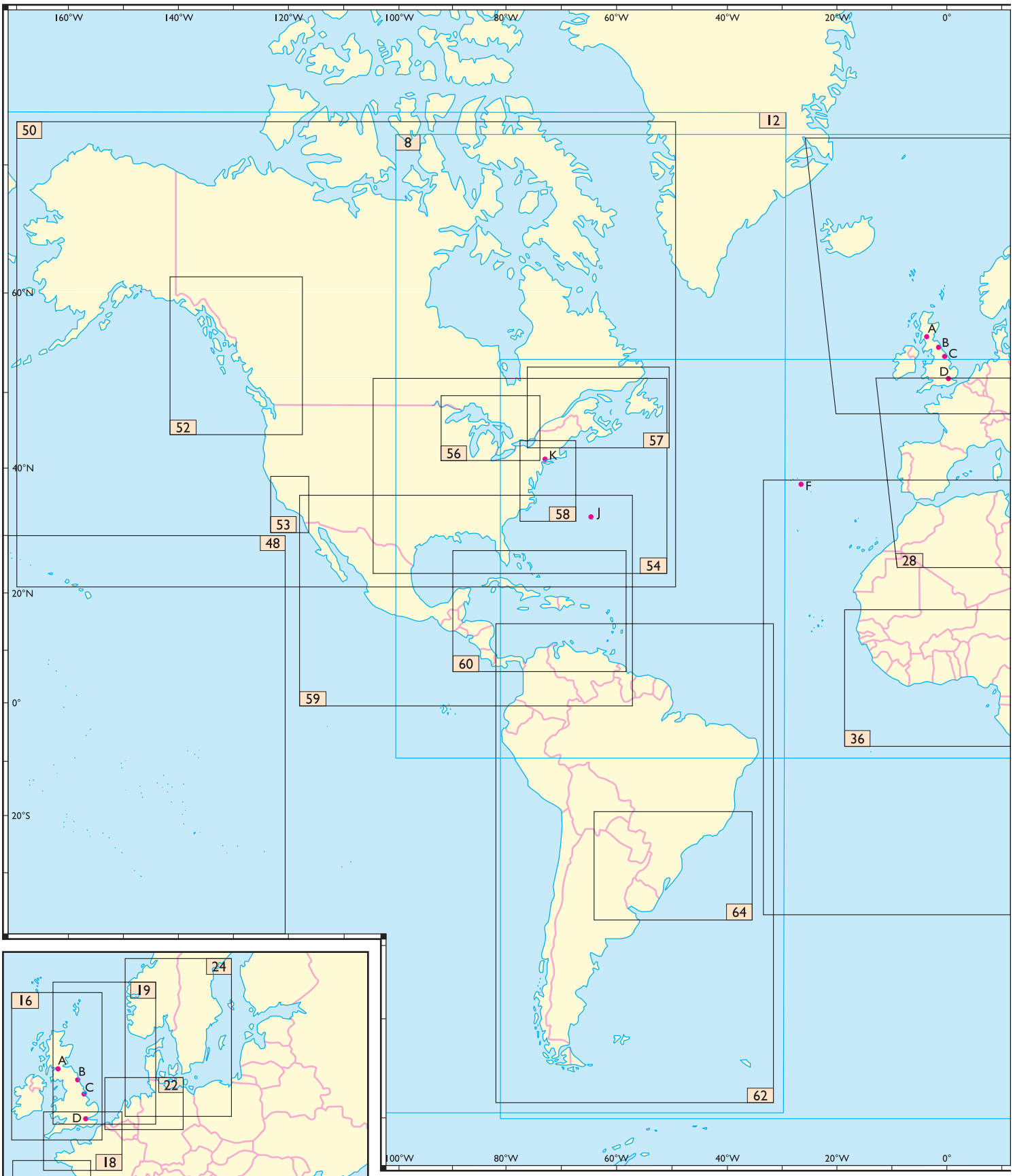


Julio Espin-Digon
Managing Director
Lloyd's Marine Intelligence Unit
www.LloydsMIU.com

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2 INDEX MAP



Inset Maps

- A Clyde 16
- B Tyne, Tees 16
- C Humber, Trent 16
- D Thames 16
- E Piraeus 32
- F Azores 34
- G Hong Kong 38
- H Singapore 42
- I Brunei 42
- J Bermuda 54
- K New York 58

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Fact Panels

Seine 18
Rhine 23
Western Scheldt 23
Lake Vanern 25
Saimaa Canal 26
Volga, Don 27
Yangtze (Chiang Jiang) 38
Great Lakes 56
St. Lawrence Seaway 57
Amazon 62
Parana 64
Kiel Canal 65
Rhine-Main-Danube Canal 66
Suez Canal 67
Panama Canal 68

World and Ocean Maps

Weather Hazards at Sea 4
International Load Line Zones 6
North Atlantic Ocean 8
Atlantic and Indian Oceans 10
Pacific Ocean 12
Arctic 14
Antarctic 15

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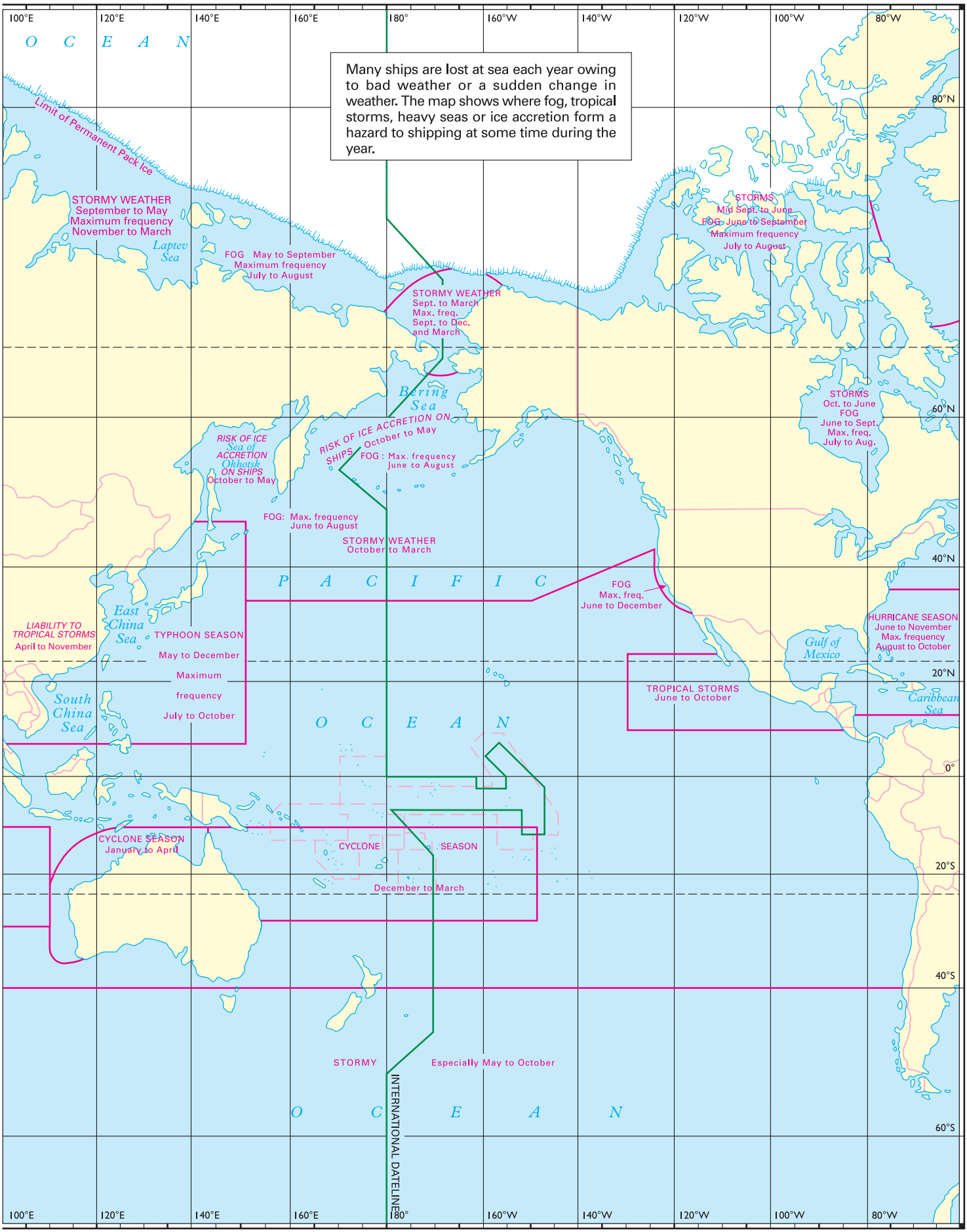
4 WEATHER HAZARDS AT SEA



Time difference in hours from GMT at 15° intervals

-6	-5	-4	-3	-2	-1	GMT	+1	+2	+3	+4	+5	+6

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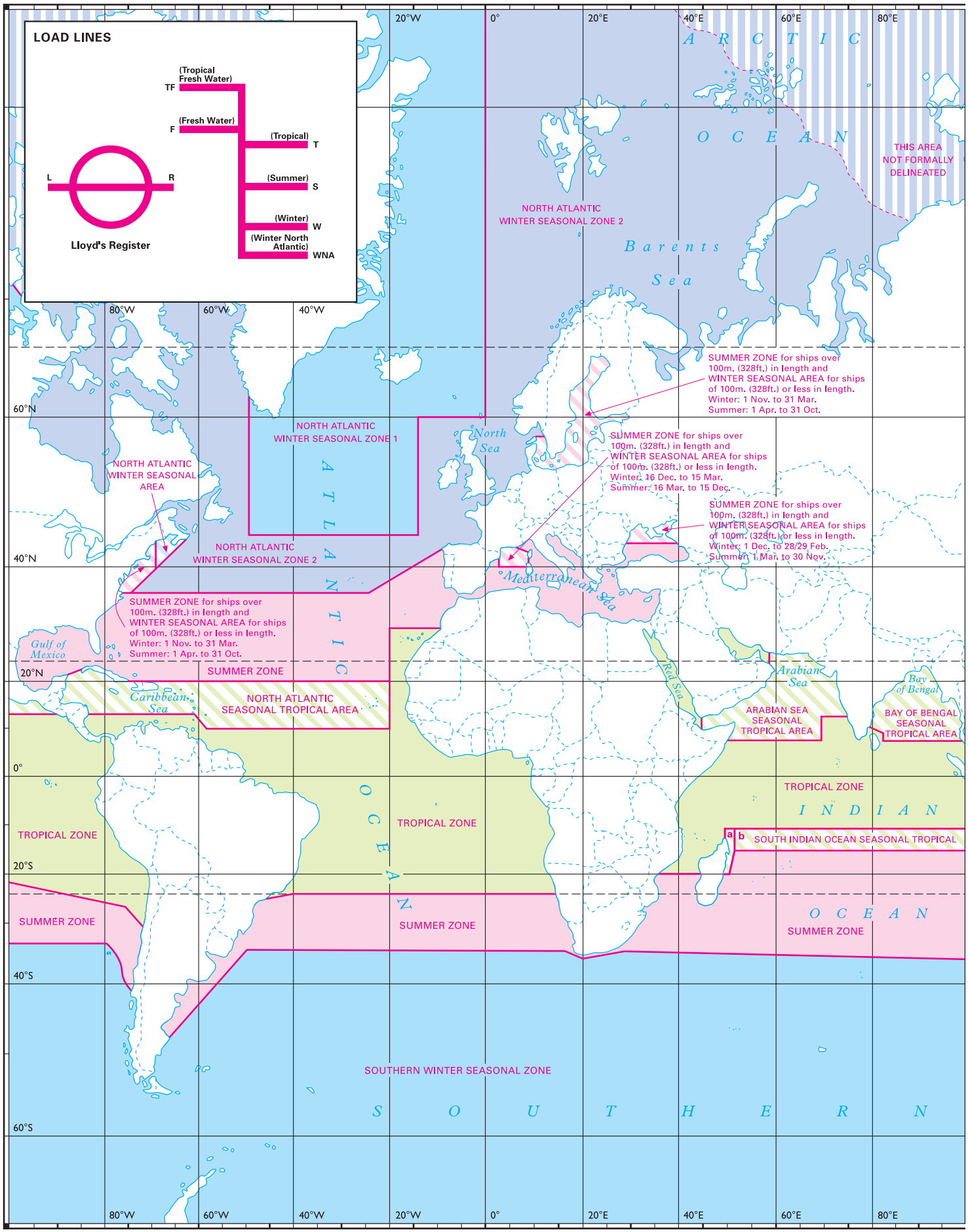


Time difference in hours from GMT at 15° intervals

+7	+8	+9	+10	+11	±12	-11	-10	-9	-8	-7	-6	-5

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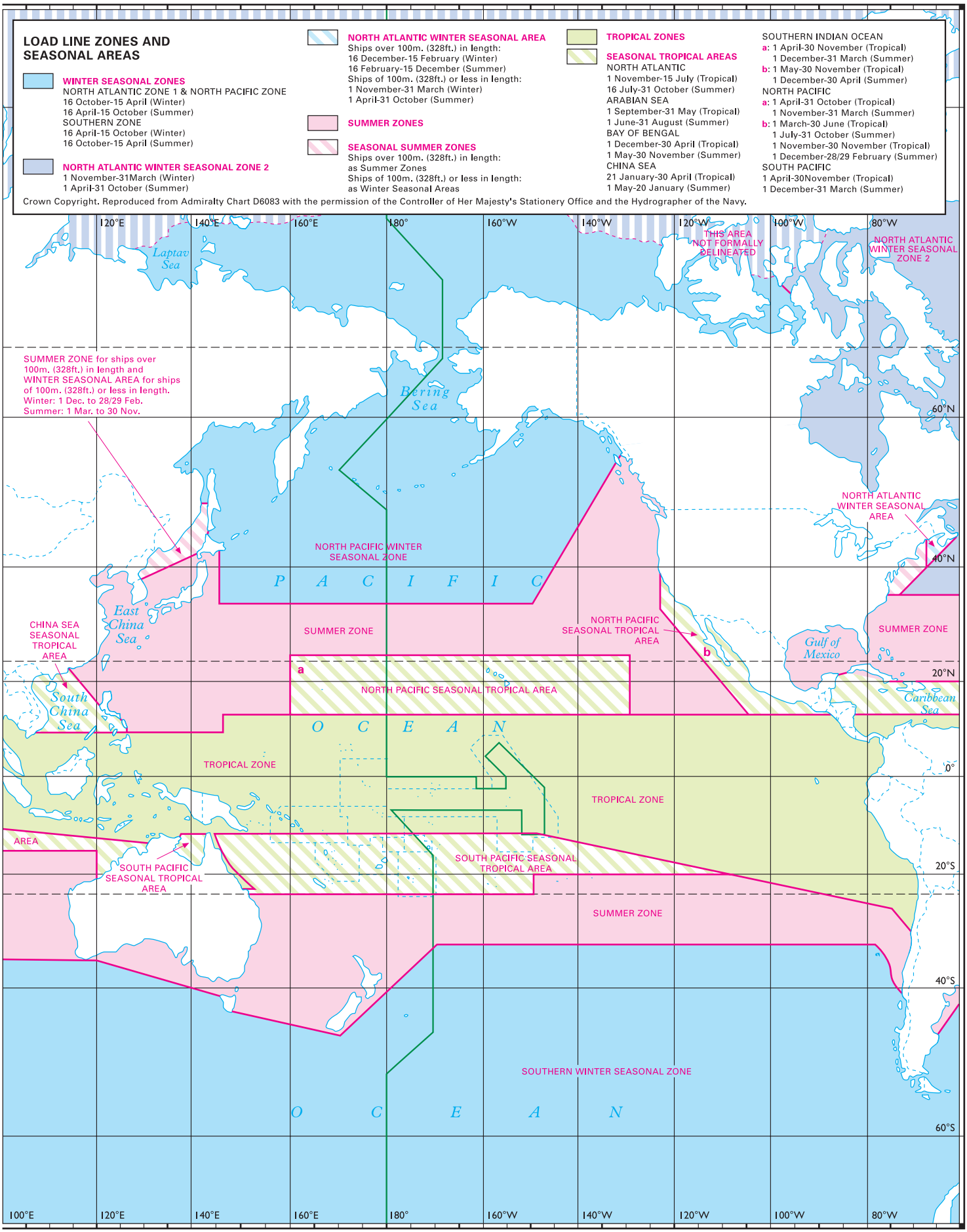
6 INTERNATIONAL LOAD LINE ZONES



Time difference in hours from GMT at 15° intervals

-6	-5	-4	-3	-2	-1	GMT	+1	+2	+3	+4	+5	+6

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Time difference in hours from GMT at 15° intervals

+7	+8	+9	+10	+11	±12	-11	-10	-9	-8	-7	-6	-5

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8 NORTH ATLANTIC OCEAN



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10 ATLANTIC and INDIAN OCEANS



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RUSSIA
KAZAKHSTAN
MONGOLIA
C H I N A
BELARUS
UKRAINE
KIEV
MOLDOVA
CHISINAU
ROMANIA
BUCHAREST
Odessa
Constantza
BULGARIA
SOFIA
Varna
Black Sea
Istanbul
Thessaloniki
GREECE
ANKARA
Izmir
T U R K E Y
Piraeus
Iskenderun
CYPRUS
Limassol
Lattakia
SYRIA
LEB.
BEIRUT
Haifa
ISRAEL
DAMASCUS
AMMAN
JERUSALEM
JORDAN
Port Said
Alexandria
CAIRO
Suez
Aqaba
EGYPT
Nile
Red Sea
Yanbu
Jeddah
SAUDI ARABIA
RIYADH
Dammam
KUWAIT
BAGHDAD
I R A N
I R A Q
TEHRAN
Basrah
Bandar Imam Khomeini
Bandar Abbas
Mina Sulman
BAHRAIN
QATAR
ABU DHABI
U.A.E.
Dubai
Fujairah
Port Sultan Qaboos
MUSCAT
Ras al Hadd
OMAN
Arabian Sea
Gulf of Aden
Socotra
Ras Asir
Mina Raysut
Port Sudan
ERITREA
Massawa
ASMARA
SANA
YEMEN
Hodeidah
Aden
Assab
DJIBOUTI
DJIBOUTI
ADDIS ABABA
ETHIOPIA
SOMALIA
MOGADISCIO
KHARTOUM
SUDAN
Blue Nile
White Nile
UGANDA
KENYA
KAMPALA
DEMOCRATIC REPUBLIC OF CONGO
RWANDA
BURUNDI
NAIROBI
Lake Victoria
Mombasa
DODOMA
TANZANIA
Dar es Salaam
Lake Tanganyika
Aldabra
COMOROS
C. Amber
SEYCHELLES
PORT VICTORIA
Agalega (MUS)
LILONGWE
MALAWI
Lake Nyasa
ZAMBIA
LUSAKA
Zambezi
Nacala
HARARE
ZIMBABWE
Beira
MOZAMBIQUE
Mozambique Channel
Tromelin (FRA)
Toamasina
ANTANANARIVO
MADAGASCAR
C. St. Marie
PORT LOUIS
MAURITIUS
Rodrigues
Pointe des Galets
Reunion (FRA)
BOTSWANA
PRETORIA
GABORONE
MAPUTO
MBABANE
SWAZILAND
MASERU
LESOTHO
SOUTH AFRICA
Durban
Port Elizabeth
Tropic of Capricorn
AUSTRALIA
Port Hedland
North West Cape
Dampier
Fremantle
C. Leeuwin
Amsterdam Island (FRA)
St. Paul Island (FRA)
Prince Edward Island (ZAF)
Crozet Islands (FRA)
Kerguelen (FRA)
Heard Island (AUS)
I N D I A N
O C E A N
N O C E A N
ASTANA
BISHKEK
KYRGYZSTAN
TASHKENT
UZBEKISTAN
TURKMENISTAN
ASHKHABAD
TAJIKISTAN
DUSHANBE
KABUL
AFGHANISTAN
ISLAMABAD
PAKISTAN
DELHI
NEPAL
KATHMANDU
THIMPU
BHUTAN
BANGLADESH
DHAKA
Chittagong
Kolkata
MYANMAR
INDIA
Tropic of Cancer
Kandla
Karachi
Mumbai
Mormugao
New Mangalore
Lakshadweep (IND)
Kochi
Chennai
Visakhapatnam
Bay of Bengal
Andaman and Nicobar Islands (IND)
Andaman Sea
C. Comorin
SRI LANKA
COLOMBO
Dondra Head
MALDIVES
Equator
Gulf of Thailand
THAILAND
BANGKOK
CAMBODIA
PHNOM PENH
Ho Chi Minh City
VIETNAM
LAOS
VIENTIANE
YANGON
HANOI
Hainan
Haikou
Hong Kong
TAIWAN
PHILIPPINES
MANILA
Luzon Strait
South China Sea
Strait of Malacca
Penang
MALAYSIA
KUALA LUMPUR
Port Klang
SINGAPORE
Belawan
Labuan
BRUNEI
Sandakan
Kuching
Borneo
Sulawesi
INDONESIA
JAKARTA
Jawa
Surabaya
Sumatera
Timor Sea
Cocos Islands (AUS)
Christmas Island (AUS)
British Indian Ocean Territory (GBR)
Lake Baikal
ULAN BATOR
BEIJING
Xingang
Nanjing
Shanghai
TAIPEI
Huang He (Yellow)
Yangtze
Mekong
Brahmaputra
Ganga (Ganges)
Indus
Irtysh
Ural
Volga
Don
Dnepr
Caspian Sea
Aral Sea
Lake Balkhash
Amu Darya
Tigris
Euphrates
Persian Gulf
Sea of Azov
Dniepr
Dniester
Danube
Lake Onega
Lake Ladoga
Lake Peipus
Gulf of Finland
Gulf of Bothnia
Baltic Sea
Gulf of Riga
Gulf of Gdansk
Gulf of Bothnia
Gulf of Finland



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0 720
Scale at 70°N in Nautical Miles

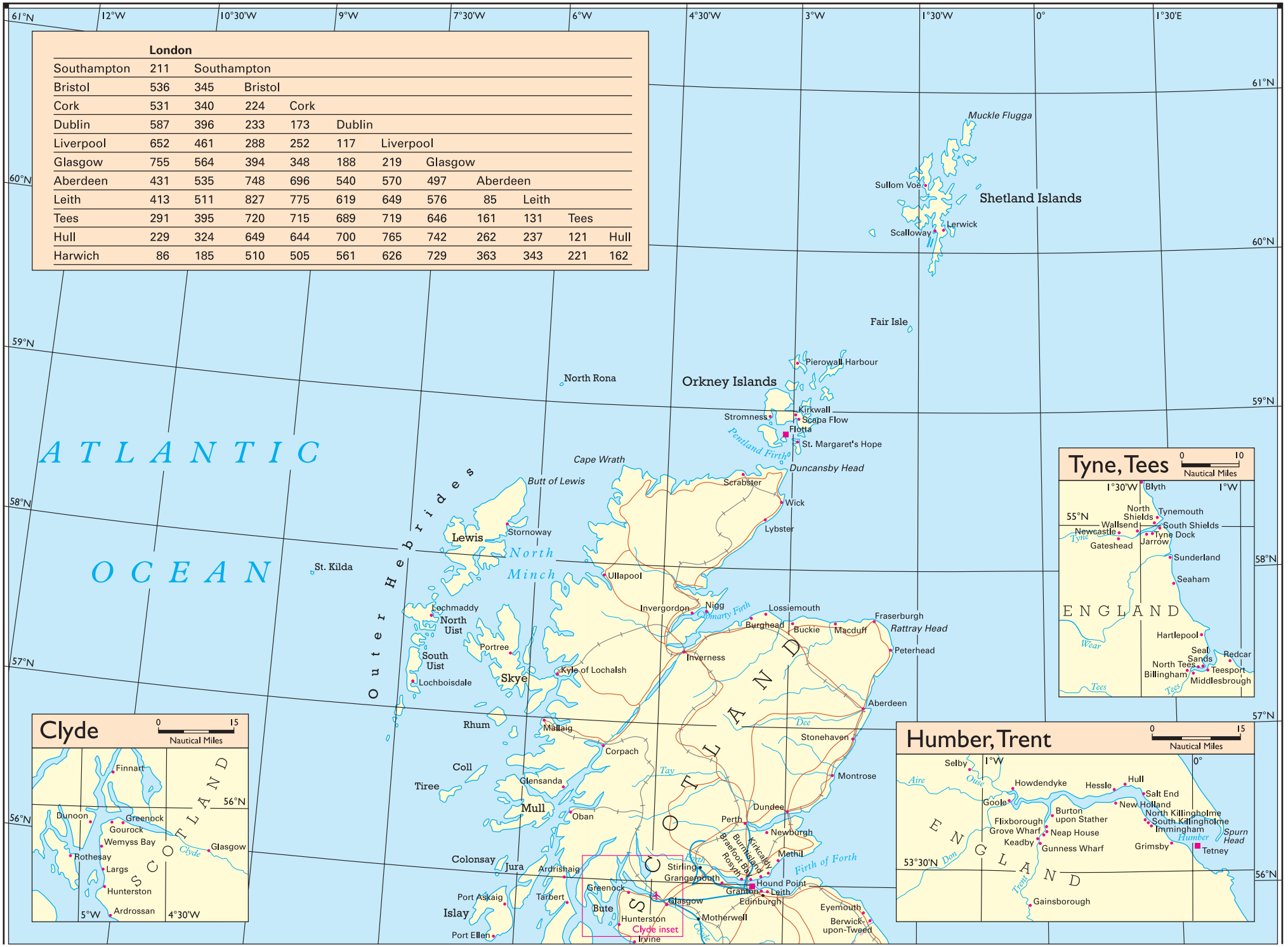


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	London										
Southampton	211	Southampton									
Bristol	536	345	Bristol								
Cork	531	340	224	Cork							
Dublin	587	396	233	173	Dublin						
Liverpool	652	461	288	252	117	Liverpool					
Glasgow	755	564	394	348	188	219	Glasgow				
Aberdeen	431	535	748	696	540	570	497	Aberdeen			
Leith	413	511	827	775	619	649	576	85	Leith		
Tees	291	395	720	715	689	719	646	161	131	Tees	
Hull	229	324	649	644	700	765	742	262	237	121	Hull
Harwich	86	185	510	505	561	626	729	363	343	221	162



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Seine-Oise-Marne

	Km	Locks	Depth
La Carosse roads-Rouen	130	-	9.8m
Rouen-Gennevilliers	210	4	3.5m
Gennevilliers-Bonneuil/Marne	48	3	3.5m
Oise Junction-Creil	58	4	3.5m
Marne Junction-Montereau	96	8	3.2m

Largest vessel to Paris (Gennevilliers)

Draught ..... 3.5m Beam 15.5m
loa ..... 120m Air draught .. 8.75m

	Rotterdam								
Zeebrugge	87	Zeebrugge							
Dunkirk	141	76	Dunkirk						
Harwich	123	85	81	Harwich					
London	187	124	111	86	**London**				
Dover	132	66	38	65	91	Dover			
Southampton	252	186	161	185	211	120	Southampton		
Le Havre	247	181	142	180	206	115	114	Le Havre	
Brest	477	411	378	410	436	345	257	272	Brest
Plymouth	359	293	262	292	318	227	132	170	159

Scale at 49°N in Nautical Miles
0
90

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	Murmansk												†Via Kiel Canal
Reykjavik	1517	Reykjavik											
Glasgow	1678	854	Glasgow										
Liverpool	1751	927	219	Liverpool									
Le Havre	1775	1305	604	501	Le Havre								
London	1699	1231	755	652	206	**London**							
Rotterdam	1627	1182	796	693	247	187	**Rotterdam**						
Hamburg	1566	1234	922	946	500	428	305	**Hamburg**					
Bergen	1108	873	667	740	698	613	536	487	Bergen				
Oslo	1450	1179	896	969	752	666	555	460	378	Oslo			
Gothenburg	1423	1152	870	943	691	598	501	402	350	163	Gothenburg		
Gdansk	1796	1525	1243	1316	862†	790†	667†	434†	723	538	406	Gdansk	
Stockholm	1952	1681	1399	1472	1015†	943†	820†	587†	879	694	560	345	**Stockholm**
St. Petersburg	2221	1950	1668	1741	1296†	1224†	1101†	868†	1148	965	830	565	385

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BELGIUM, NETHERLANDS and GERMANY

	Zeebrugge							† Via Kiel Canal
Rotterdam	87	**Rotterdam**						
Ymuiden	110	53	Ymuiden					
Emden	245	202	148	Emden				
Bremerhaven	292	255	210	137	Bremerhaven			
Hamburg	347	305	255	183	117	**Hamburg**		
Kiel	365†	323†	273†	201†	135†	90†	Kiel	
Flensburg	421†	379†	329†	257†	191†	146†	56	Flensburg
Lubeck	462†	420†	370†	298†	232†	187†	97	132



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Rhine

	Km	Nm		Km	Nm
Rotterdam	1001	540	Koblenz	592	319
Dordrecht	975	526	Karlsruhe	360	194
Nijmegen	886	479	Strasbourg	296	160
Emmerich	851	459	Basle	170	92
Cologne	686	370	Lake Constance	0	0

Lock free navigable distance from Rotterdam 668km/360nm

Typical passage
Rotterdam- Basle . . . . . 6 days
Basle-Rotterdam . . . . . 3 days

Largest vessel to Basle via 12 locks
Draught 3.2m
loa 110m
Beam 11.4m
Air draught 6.7m

Western Scheldt

Ghent-Terneuzen Canal

	Km	Locks	Depth
Terneuzen-Ghent	32	1	13.5m

Largest vessel to Ghent
Draught 12.25m
loa 265m
Beam 34m
Air draught . . . . . N/A

Albert Canal

	Km	Locks	Depth
Antwerp-Liege	111	6	3.4m

Largest vessel to Liege
Draught 2.5m
loa 134m
Beam 12m
Air draught 6.7m

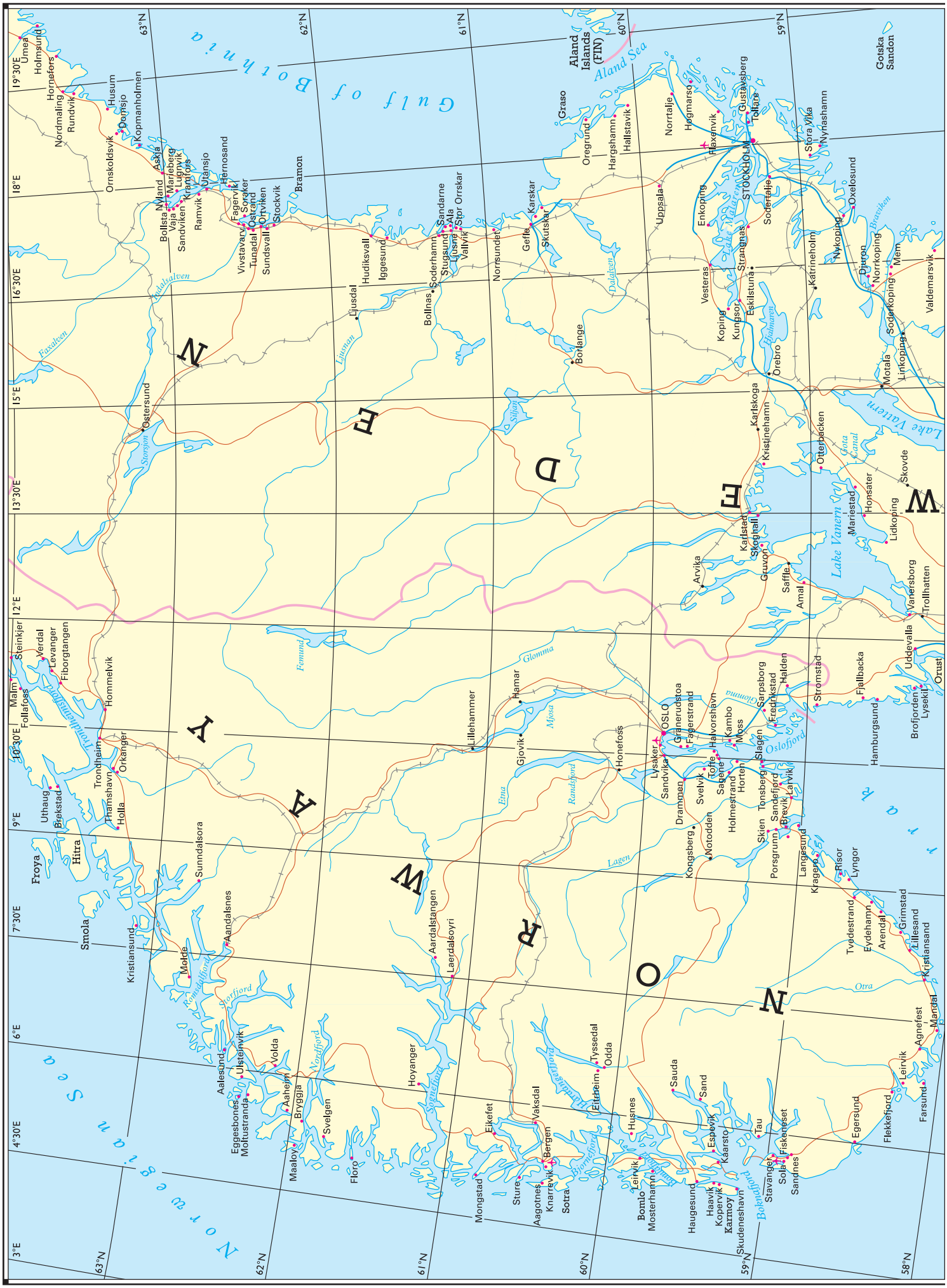
Brussels Maritime Canal

	Km	Locks	Depth
River Rupel-Brussels	24	3	6.5m

Largest vessel to Brussels
Draught 5.8m
loa 106m
Beam 14.75m
Air draught . . . 30.0m

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SOUTHERN SCANDINAVIA



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	Bergen					
Oslo	378	Oslo				
Gothenburg	350	163	Gothenburg			
Aalborg	400	227	112	Aalborg		
Copenhagen	457	272	137	143	Copenhagen	
Gdansk	723	538	406	414	274	Gdansk
Stockholm	879	694	560	569	427	345

Lake Vanern

	Km	Locks	Depth
Gota River			
Gothenburg-Trollhattan	72	2	6.0m
Trollhatte Canal			
Trollhattan-Vanersborg	10	4	6.0m

Largest vessel to Lake Vanern

Draught . . . . . 5.3m Beam 13.4m
loa . . . . . 89.0m Air draught 27.0m

All year round navigation

Gota Canal east of Lake Vanern via Lake Vattern is used only by passenger and pleasure craft.

Scale at 58°N in Nautical Miles
0
90

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0 120
Scale at 60°N in Nautical Miles



Saimaa Canal

	Km	Locks	Depth
Saimaa Canal	42.9	8	5.5m

Largest vessel to Lappeenranta

Draught . . . . . 4.3m Beam 11.8m
loa . . . . . 82.0m Air draught 24.5m

Length of Saimaa Lake system 740Km
Draught range in channels 1.4-4.2m
Average navigation season . . . . . April-January

	Oulu						
Helsinki	582	Helsinki					
St. Petersburg	721	171	St. Petersburg				
Riga	638	316	457	Riga			
Gdansk	735	422	565	332	Gdansk		
Kalmar	698	418	566	340	182	Kalmar	
Stockholm	450	237	385	266	345	300	**Stockholm**
Sundsvall	290	356	499	414	509	476	227

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MEDITERRANEAN SEA



	Gibraltar							
Marseilles	690	**Marseilles**						
Naples	979	457	Naples					
Trieste	1648	1204	800	Trieste				
Piraeus	1481	1065	661	839	**Piraeus**			
Istanbul	1800	1378	974	1152	352	Istanbul		
Beirut	2004	1595	1189	1367	643	810	Beirut	
Port Said	1913	1512	1108	1294	593	786	228	**Port Said**
Tunis	794	472	309	921	729	1042	1252	1160

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30 BAY of BISCAY

Scale at 44°N in Nautical Miles: 0 — 100

	Vigo				
Corunna	122	Corunna			
Gijon	247	141	Gijon		
Bilbao	370	262	125	Bilbao	
Bordeaux	516	409	303	230	Bordeaux
St. Nazaire	464	357	274	252	185



STRAIT of GIBRALTAR

Scale at 36°N in Nautical Miles: 0 — 60

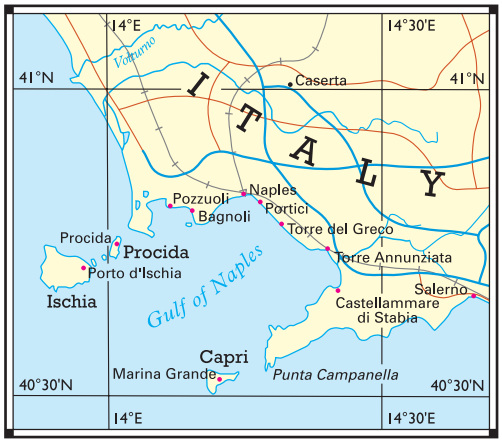


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GULF of NAPLES

0 10 Nautical Miles



GULF of TUNIS

0 20 Nautical Miles



GULF of VENICE

0 30 Nautical Miles



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AEGEAN SEA

Scale at 39°N in Nautical Miles: 0 — 60

	Piraeus					
Volos	196	Volos				
Thessaloniki	252	140	Thessaloniki			
Istanbul	352	324	333	Istanbul		
Izmir	204	222	254	273	Izmir	
Rhodes	257	331	383	422	235	Rhodes
Iraklion	183	287	347	449	252	171



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	Antalya		*Via Suez Canal			
Iskenderun	279	Iskenderun				
Limassol	197	199	Limassol			
Beirut	314	172	132	Beirut		
Port Said	346	376	208	228	**Port Said**	
Alexandria	348	459	271	340	156	Alexandria
Aqaba	733*	763*	595*	615*	387*	543*

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	Port Said											
Algiers	1503	**Algiers**										
Las Palmas	2610	1109	Las Palmas									
Freetown	3902	2401	1327	Freetown								
Lagos	5007	3506	2430	1159	**Lagos**							
Lobito	5941	4440	3374	2095	1285	Lobito						
Cape Town	5346*	5502	4427	3156	2566	1406	**Cape Town**					
Mombasa	2989*	4492*	5599*	5652	5064	3904	2509	**Mombasa**				
Aden	1394*	2897*	4004*	5296*	6401	5354	3959	1602	Aden			
Port Sultan Qaboos	2592*	4095*	5202*	6494*	7010	5850	4455	2114	1203	Port Sultan Qaboos		
Dubai	2891*	4394*	5501*	6793*	7309	6149	4754	2413	1502	302	**Dubai**	
Mumbai	3046*	4549*	5656*	6948*	7154	5994	4599	2400	1657	853	1122	**Mumbai**
Colombo	3481*	4984*	6091*	7383*	6917	5757	4362	2518	2094	1596	1884	889

*Via Suez Canal

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	Dakar								
Freetown	505	Freetown							
Monrovia	699	251	Monrovia						
Abidjan	1166	718	470	Abidjan					
Lagos	1607	1159	911	457	**Lagos**				
Port Harcourt	1851	1397	1149	702	311	Port Harcourt			
Douala	1987	1533	1285	830	439	215	Douala		
Port Gentil	1970	1521	1270	838	532	354	294	Port Gentil	
Pointe Noire	2228	1779	1528	1118	846	669	616	327	Pointe Noire
Matadi	2361	1912	1661	1270	1001	824	771	488	162

Scale at 5°N in Nautical Miles
0
360

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PERSIAN GULF

37

	Karachi									
Colombo	1341	Colombo								
Calcutta	2564	1244	**Calcutta**							
Singapore	2887	1567	1650	**Singapore**						
Jakarta	3160	1840	2140	525	Jakarta					
Manila	4224	2904	2987	1341	1562	**Manila**				
Hong Kong	4343	3023	3106	1460	1789	632	**Hong Kong**			
Kaohsiung	4504	3184	3267	1621	1957	543	342	Kaohsiung		
Shanghai	5120	3800	3883	2237	2523	1128	845	600	**Shanghai**	
Busan	5386	4066	4149	2503	2839	1410	1140	908	492	Busan
Tokyo	5787	4467	4550	2904	3234	1770	1596	1349	1048	669
Vladivostok	5890	4570	4653	3007	3338	1909	1639	1413	991	509

Yangtze (Chiang Jiang)

	Km	Nm		Km	Nm
Shanghai (Wusong)	0	0	Jiujiang	811	438
Nantong	96	52	Wuhan	1061	573
Zhangjiagang	144	78	Chenglingji	1296	700
Zhenjiang	274	148	Yichang	1740	940
Nanjing	367	198	Chongqing	2389	1290

Largest vessel

	dwt	seasonal draught
Nanjing	20,000	9.0-9.5m
Wuhan	5,000	3.0-8.8m
Chongqing	1,000	1.5-4.0m

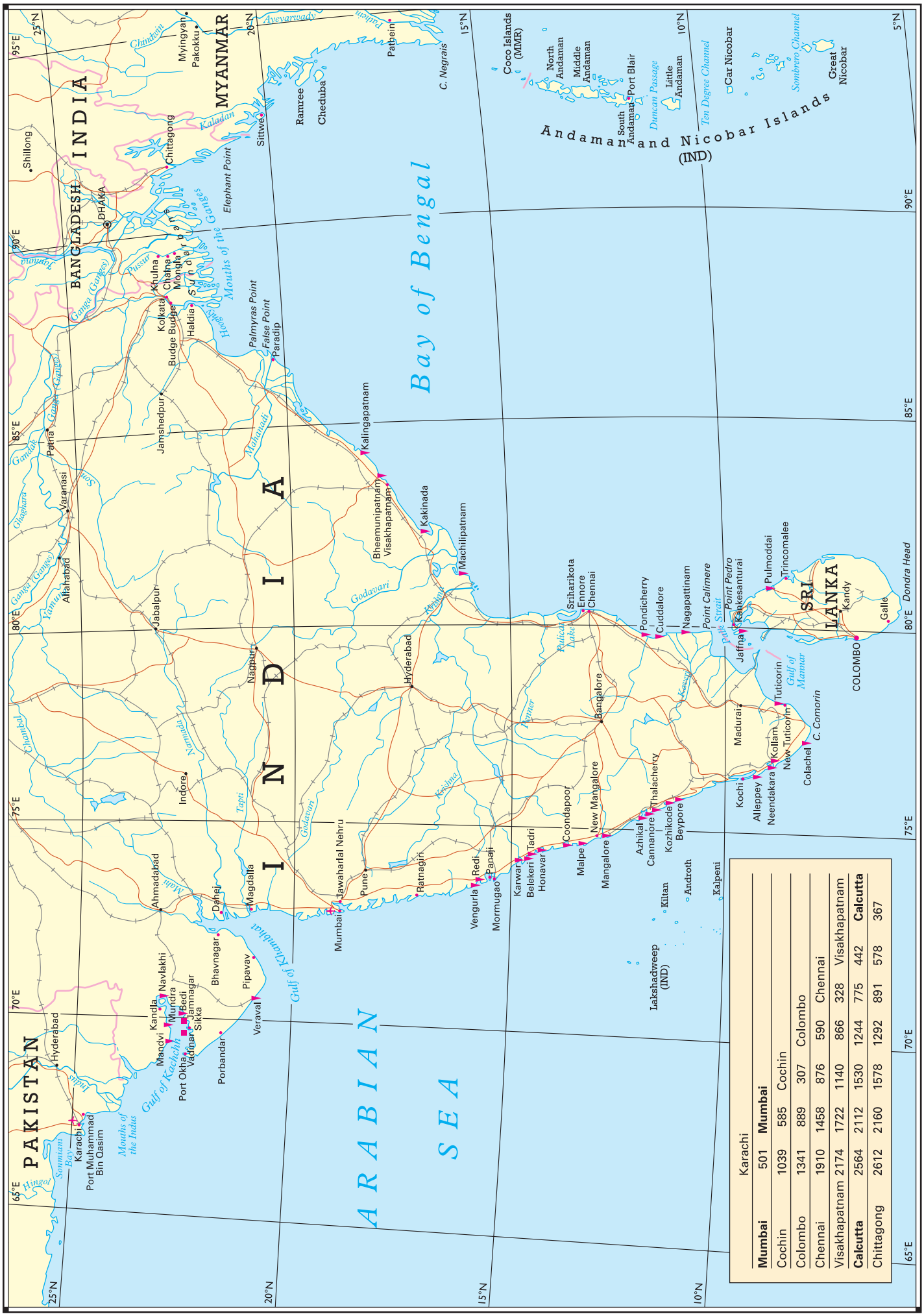
Hong Kong

0 30 Nautical Miles

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Singapore								
Belawan	375	Belawan						
Jakarta	525	861	Jakarta					
Surabaya	759	1130	386	Surabaya				
Darwin	1887	2254	1532	1200	Darwin			
Davao	1510	1881	1510	1246	1240	Davao		
Balikpapan	1055	1426	765	481	1169	771	Balikpapan	
Sandakan	1040	1411	1248	1072	1444	568	605	Sandakan
Labuan	735	1106	935	1081	1804	884	997	412

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PHILIPPINES

0 150
Scale at 12°N in Nautical Miles

	Olongapo				
Manila	64	**Manila**			
Iloilo	345	355	Iloilo		
Cebu	418	404	211	Cebu	
Davao	828	829	556	581	Davao
Zamboanga	512	508	235	260	321
Sandakan	675	581	400	441	568



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0 200
Scale at 35°N in Nautical Miles



	Vladivostok					
Busan	509	Busan				
Moji	566	122	Moji			
Kobe	809	365	244	Kobe		
Tokyo	949	669	548	365	**Tokyo**	
Kushiro	607	865	870	873	600	Kushiro
Toyama	466	481	460	705	870	525

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	Hakata				
Hong Kong	1130	**Hong Kong**			
Kaohsiung	893	342	Kaohsiung		
Shanghai	510	845	600	**Shanghai**	
Dalian	612	1256	1029	551	Dalian
Incheon	440	1190	965	502	280

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Scale at 35°N in Nautical Miles
0
300

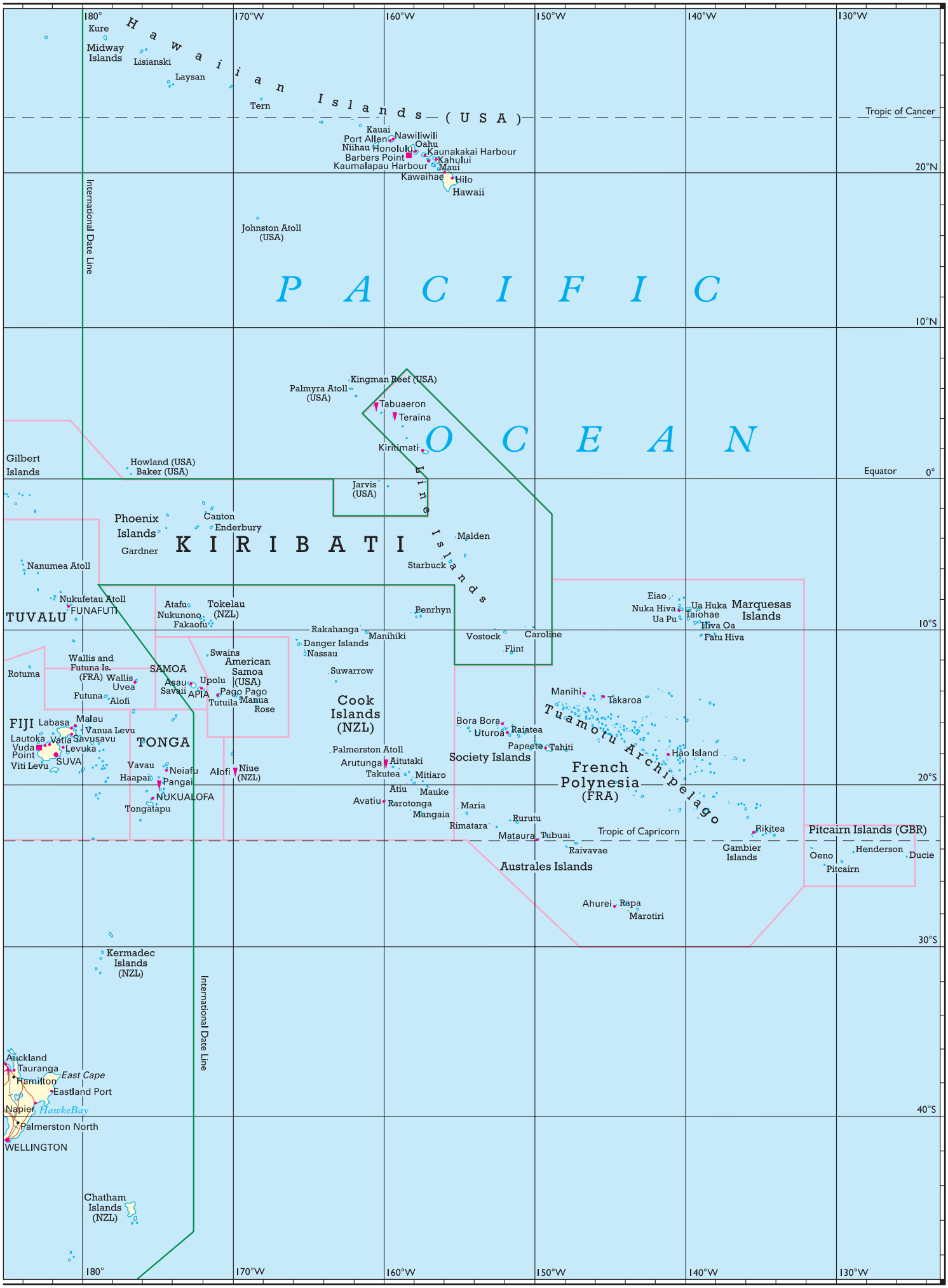
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AUSTRALASIA and PACIFIC ISLANDS

	Guam									
Rabaul	1190	Rabaul								
Townsville	2566	1246	Townsville							
Sydney	3005	1844	1129	**Sydney**						
Auckland	3492	2357	1972	1275	Auckland					
Noumea	2530	1380	1263	1069	990	Noumea				
Suva	2805	1786	2029	1735	1140	738	**Suva**			
Apia	3068	2229	2620	2357	1583	1361	644	Apia		
Papeete	4332	3524	3873	3306	2215	2500	1835	1303	Papeete	
Honolulu	3333	3359	4252	4427	3820	3368	2783	2262	2380	**Honolulu**
San Francisco	5055	5399	6313	6456	5689	5467	4760	4167	3669	2095

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	Anchorage										†Via Panama Canal
Vancouver	1347	**Vancouver**									
San Francisco	1892	816	**San Francisco**								
Los Angeles	2236	1161	369	Los Angeles							
New Orleans	6569†	5467†	4688†	4354†	**New Orleans**						
Miami	6366†	5264†	4485†	4151†	762	Miami					
Norfolk	6947†	5845†	5066†	4732†	1507	762	Norfolk				
New York	7138†	6036†	5257†	4923†	1707	962	287	**New York**			
Boston	7302†	6200†	5421†	5087†	1944	1199	559	378	Boston		
Halifax	7464†	6362†	5583†	5249†	2148	1405	776	593	386	**Halifax**	
St. John's	7863†	6761†	5982†	5648†	2618	1873	1277	1097	893	543	St. John's
Montreal	8356†	7254†	6475†	6141†	3069	2324	1697	1516	1309	958	1038

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PACIFIC NORTHWEST

Scale at 55°N in Nautical Miles: 0 — 180

	Skagway						
Sitka	230	Sitka					
Prince Rupert	408	281	Prince Rupert				
Port Alice	666	536	301	Port Alice			
Vancouver	834	707	469	343	**Vancouver**		
Victoria	873	743	509	265	74	Victoria	
Seattle	934	804	570	326	126	70	Seattle
Portland	1018	888	684	419	367	287	349



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EASTERN UNITED STATES

	Montreal									
Halifax	958	**Halifax**								
Boston	1309	386	Boston							
New York	1516	593	378	**New York**						
Norfolk	1697	776	559	287	Norfolk					
Wilmington (NC)	1930	1007	800	559	359	Wilmington (NC)				
Bermuda	1621	757	705	697	667	747	Bermuda			
Jacksonville	2164	1240	1032	791	592	306	911	Jacksonville		
Tampa	2737	1819	1615	1378	1176	940	1356	742	Tampa	
New Orleans	3069	2148	1944	1707	1507	1270	1689	1071	494	**New Orleans**
Brownsville	3314	2393	2189	1952	1752	1515	1934	1316	825	575

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GREAT LAKES

Scale at 45°N in Nautical Miles
0 120



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EASTERN SEABOARD

Scale at 39°N in Nautical Miles
0 90

	Portland	†Via Chesapeake-Delaware Canal				
Boston	102	Boston				
Providence	322	281	Providence			
New York	419	378	160	**New York**		
Philadelphia	570	527	352	235	Philadelphia	
Baltimore	723	682	520	238†	103†	Baltimore
Norfolk	600	559	397	287	253	172 Norfolk
Wilmington (NC)	841	800	657	559	529	482 359

78°W 75°W 72°W 69°W 42°N 39°N 36°N

VERMONT NEW HAMPSHIRE MAINE NEW YORK MASSACHUSSETS CONNECTICUT RHODE ISLAND PENNSYLVANIA NEW JERSEY WEST VIRGINIA VIRGINIA MARYLAND NORTH CAROLINA DISTRICT OF COLUMBIA

ATLANTIC OCEAN

Bath Portland Rutland Concord Manchester Portsmouth Troy Albany C. Ann Gloucester Beverly Salem Massachusetts Bay Boston Worcester Race Point Provincetown Springfield Plymouth C. Cod Providence Cape Cod Canal Sandwich Hartford Fall River Davisville Poughkeepsie New Bedford Woods Hole Newport Nantucket Island New Haven New London Marthas Vineyard Block Island Bridgeport New York inset Stamford Port Chester Greenport Northville Port Jefferson Northport Long Island Sound Long Island Elizabethport New York Sandy Hook Elmira Binghamton Williamsport Wilkes-Barre Scranton Allentown Reading Harrisburg Trenton York Lancaster Philadelphia Burlington Camden Gloucester Chester Marcus Hook Paulsboro Wilmington Delaware City Chesapeake-Delaware Canal Atlantic City Baltimore Sparrows Point Dover Delaware Bay C. May C. Henlopen Annapolis Alexandria Cambridge Gove Point Salisbury Piney Point Richmond Hopewell Petersburg Yorktown Cape Charles C. Charles Hampton Roads Newport News Norfolk C. Henry Portsmouth Chesapeake Lake Gaston Rocky Mount Albemarle Sound Greenville Pamlico Sound C. Hatteras Morehead City C. Lookout Onslow Bay Wilmington Cape Fear C. Fear

Susquehanna Delaware Hudson Connecticut Merrimack Schuylkill Potomac Rappahannock James York Roanoke Neuse Chesapeake Bay

New York

0 12 Nautical Miles

74°W 41°N 41°30'N

CONNECTICUT Stamford Port Chester Yonkers Paterson NEW JERSEY NEW YORK Long Island Hoboken Hunts Point Port Newark Elizabethport New York Jersey City Bayonne Bayway Brooklyn Howland Hook Staten Island Port Reading Perth Amboy South Amboy Sandy Hook ATLANTIC OCEAN

Hudson Long Island Sound Hackensack Passaic East River Jamaica Bay Kill Van Kull Arthur Kill Lower New York Bay Ambrose Channel Raritan Raritan Bay

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	Ensenada					†Via Panama Canal
Salina Cruz	1662	**Salina Cruz**				
Balboa	2789	1173	**Balboa**			
La Guaira	3662†	2046†	873†	**La Guaira**		
Kingston	3383†	1767†	594†	730	**Kingston**	
New Orleans	4231†	2615†	1442†	1838	1155	**New Orleans**
Tampico	4301†	2685†	1512†	1945	1263	733

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60 CARIBBEAN SEA



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	Cristobal									
Belize City	798	Belize City								
Havana	990	523	Havana							
Kingston	555	696	743	**Kingston**						
Port au Prince	766	930	657	278	Port au Prince					
Santo Domingo	800	1092	939	428	444	Santo Domingo				
San Juan	992	1302	969	635	549	230	San Juan			
Castries	1158	1603	1358	952	938	587	412	Castries		
Port of Spain	1140	1624	1478	999	1035	678	575	222	**Port of Spain**	
La Guaira	834	1321	1281	730	790	500	538	404	329	**La Guaira**
Cartagena	276	901	1075	483	642	606	776	924	905	598

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Amazon

	Km	Nm		Km	Nm
Belem	0	0	Manaus	1706	920
Breves	271	146	Coari	2191	1182
Santarem	957	516	Iquitos	3934	2122
Itacoatiara	1515	817	Pucallpa	4922	2655

Largest vessel to Manaus

Draught . . . . . 11.2m loa . . . . . N/A

High water season . . . April-August

Largest vessel to Iquitos

Draught . . . . . 7.9m loa 152m

High water season . . . February-May

Lloyd's Maritime Atlas
www.lloydsmiu.com
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	La Guaira							†Via Panama Canal
Belem	1507	Belem						
Recife	2464	1089	**Recife**					
Rio de Janeiro	3437	2160	1078	Rio de Janeiro				
Buenos Aires	4535	3256	2177	1142	**Buenos Aires**			
Punta Arenas	4810†	4331	3248	2238	1395	**Punta Arenas**		
Valparaiso	3488†	4970†	4675	3665	2822	1427	**Valparaiso**	
Callao	2213†	3695†	4552†	4893	4050	2655	1299	**Callao**
Guayaquil	1710†	3192†	4049†	5122†	4693	3298	1984	706 Guayaquil
Balboa	873†	2355†	3212†	4285†	5383†	3937	2615	1340 837

0 480
Scale at 20°S in Nautical Miles

www.lloydsmiu.com

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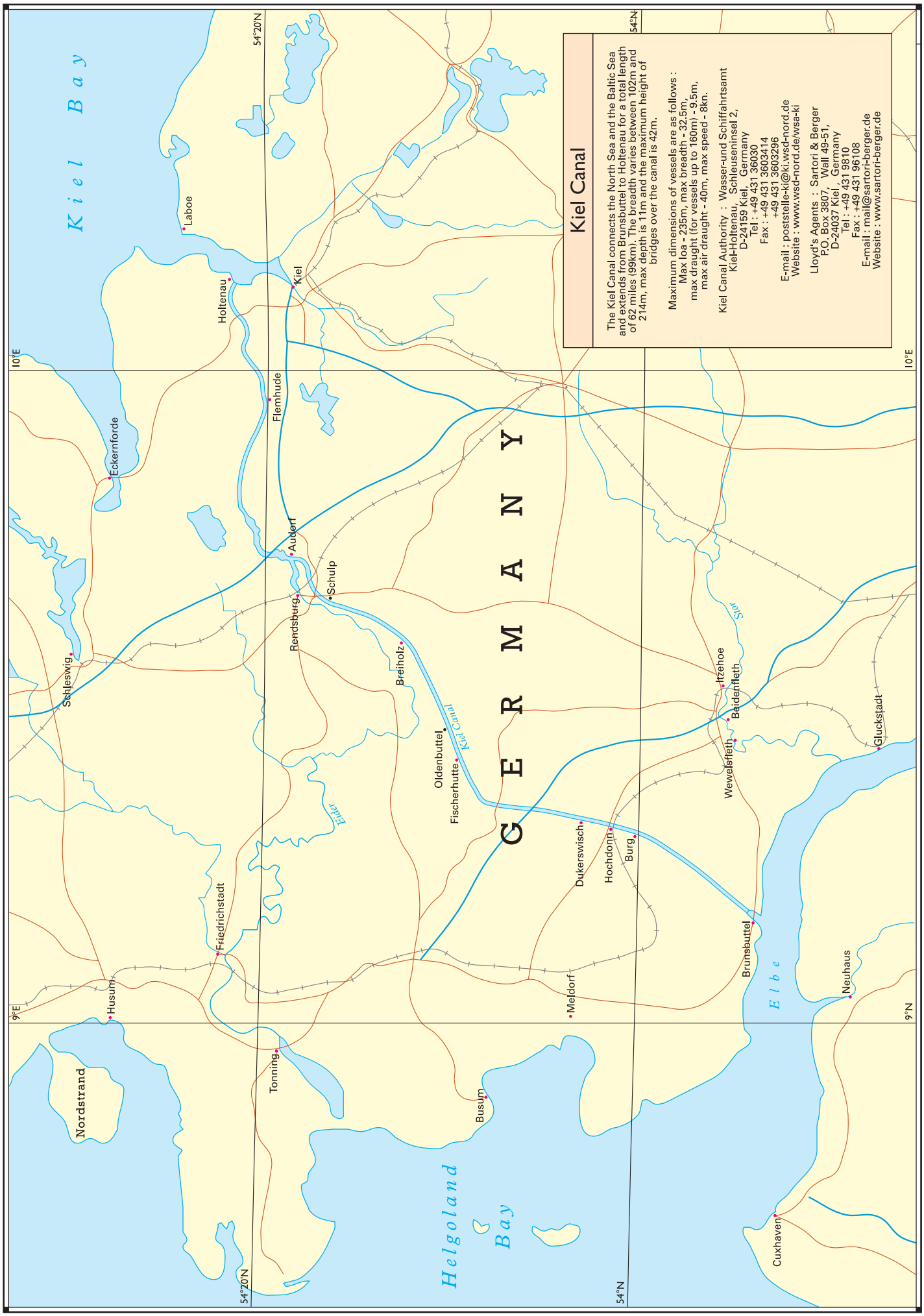
R. PLATE, SOUTHERN BRAZIL

Scale at 26°S in Nautical Miles

0 240



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Kiel Canal

The Kiel Canal connects the North Sea and the Baltic Sea and extends from Brunsbuttel to Holtenau for a total length of 62 miles (99km). The breadth varies between 102m and 214m, max depth is 11m and the maximum height of bridges over the canal is 42m.

Maximum dimensions of vessels are as follows :
Max loa - 235m, max breadth - 32.5m,
max draught (for vessels up to 160m) - 9.5m,
max air draught - 40m, max speed - 8kn.

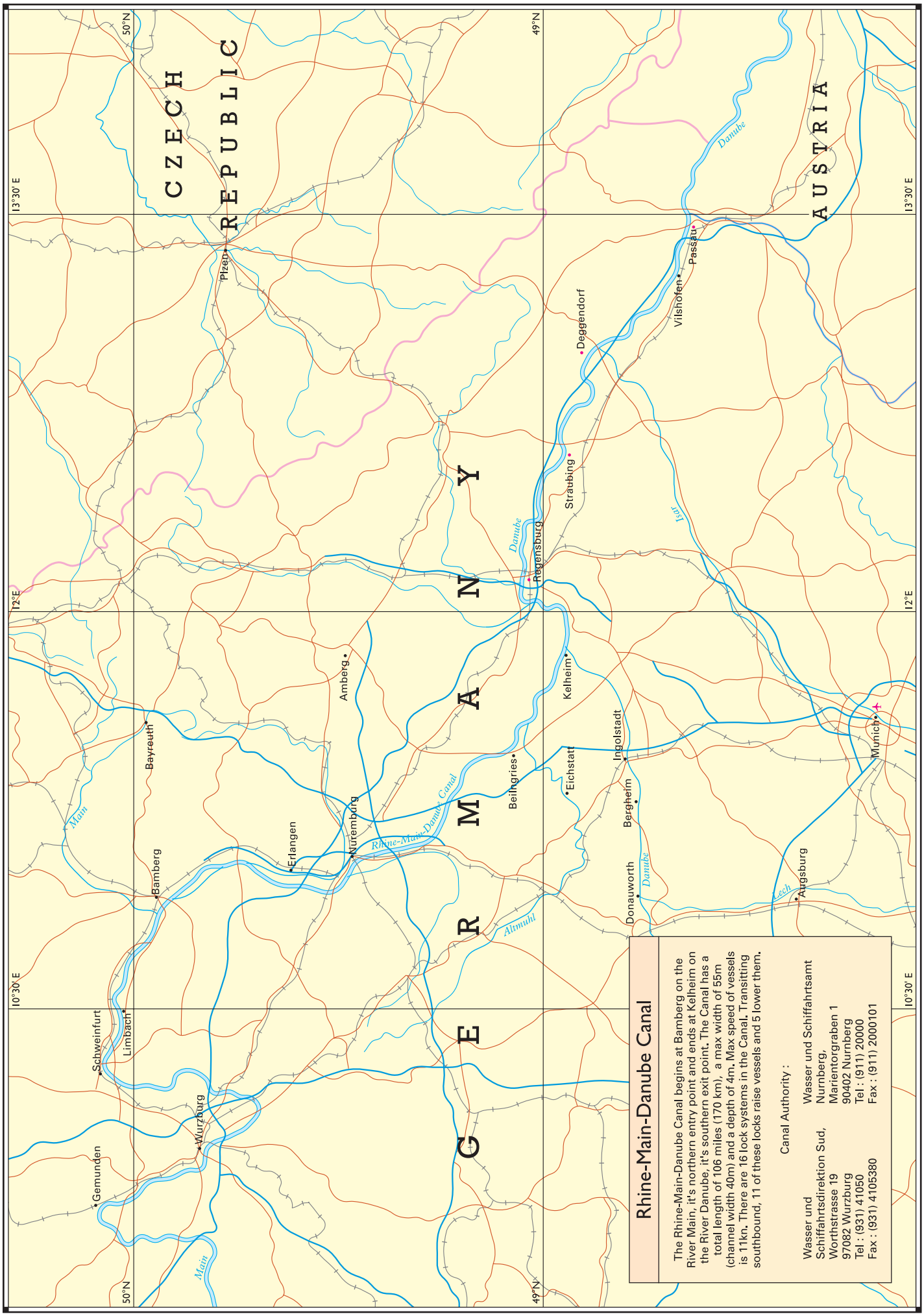
Kiel Canal Authority : Wasser-und Schiffahrtsamt
Kiel-Holtenau, Schleuseninsel 2,
D-24159 Kiel, Germany
Tel : +49 431 36030
Fax : +49 431 3603414
+49 431 3603296
E-mail : poststelle-ki@ki.wsd-nord.de
Website : www.wsd-nord.de/wsa-ki

Lloyd's Agents : Sartori & Berger
P.O. Box 3807, Wall 49-51,
D-24037 Kiel, Germany
Tel : +49 431 9810
Fax : +49 431 96108
E-mail : mail@sartori-berger.de
Website : www.sartori-berger.de

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RHINE-MAIN-DANUBE CANAL

0 30
Scale at 49°N in Nautical Miles



Rhine-Main-Danube Canal

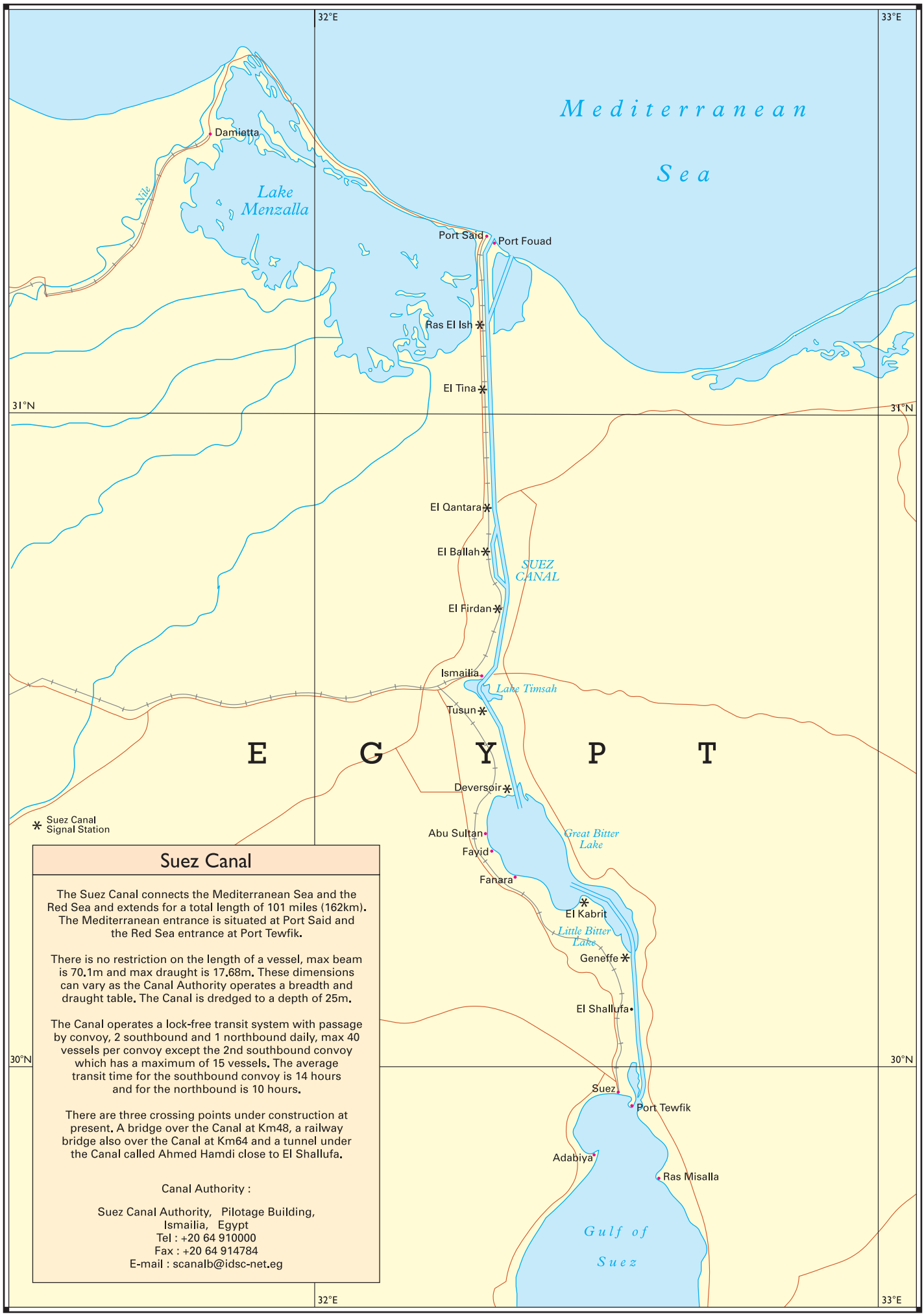
The Rhine-Main-Danube Canal begins at Bamberg on the River Main, it's northern entry point and ends at Kelheim on the River Danube, it's southern exit point. The Canal has a total length of 106 miles (170 km), a max width of 55m (channel width 40m) and a depth of 4m. Max speed of vessels is 11kn. There are 16 lock systems in the Canal. Transitting southbound, 11 of these locks raise vessels and 5 lower them.

Canal Authority :

Wasser und Schiffahrtsdirektion Sud,
Worthstrasse 19
97082 Wurzburg
Tel : (931) 41050
Fax : (931) 4105380

Wasser und Schiffahrtsamt Nurnberg,
Marientorgraben 1
90402 Nurnberg
Tel : (911) 20000
Fax : (911) 2000101

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Suez Canal

The Suez Canal connects the Mediterranean Sea and the Red Sea and extends for a total length of 101 miles (162km). The Mediterranean entrance is situated at Port Said and the Red Sea entrance at Port Tewfik.

There is no restriction on the length of a vessel, max beam is 70.1m and max draught is 17.68m. These dimensions can vary as the Canal Authority operates a breadth and draught table. The Canal is dredged to a depth of 25m.

The Canal operates a lock-free transit system with passage by convoy, 2 southbound and 1 northbound daily, max 40 vessels per convoy except the 2nd southbound convoy which has a maximum of 15 vessels. The average transit time for the southbound convoy is 14 hours and for the northbound is 10 hours.

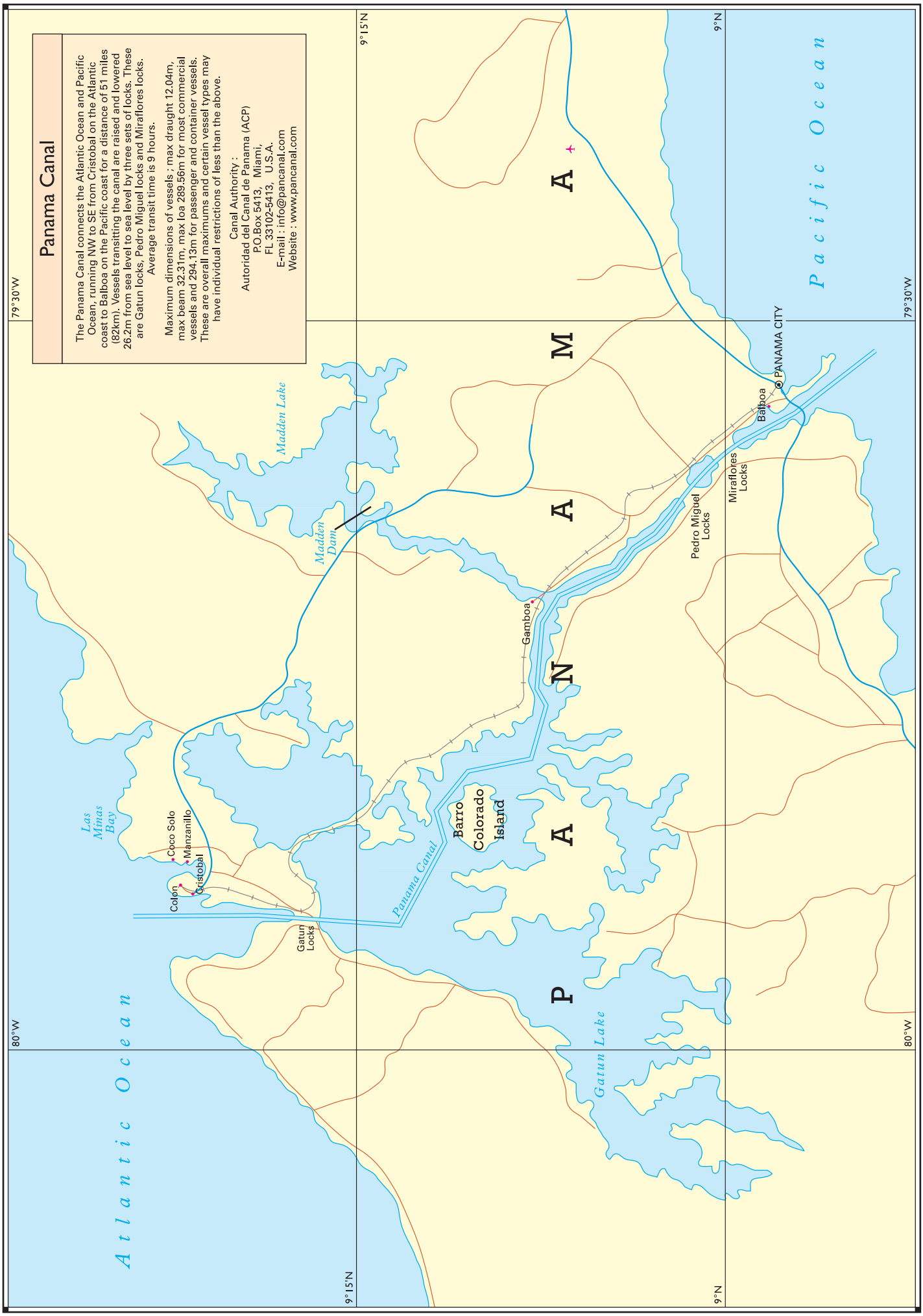
There are three crossing points under construction at present. A bridge over the Canal at Km48, a railway bridge also over the Canal at Km64 and a tunnel under the Canal called Ahmed Hamdi close to El Shallufa.

Canal Authority :

Suez Canal Authority, Pilotage Building,
Ismailia, Egypt
Tel : +20 64 910000
Fax : +20 64 914784
E-mail : scanalb@idsc-net.eg

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PANAMA CANAL



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UNITED KINGDOM 1A

ENGLAND

River Thames p.16/17
London 51 30 N 0 04 W
P Q Y G C R B T A
Convoys Wharf 51 29 N 0 01 W
Greenwich 51 29 N 0 00
Dagenham 51 31 N 0 09 E
Erith 51 29 N 0 11 E
Woolwich 51 30 N 0 04 E
Barking 51 31 N 0 05 E
Purfleet 51 28 N 0 15 E
Dartford 51 27 N 0 16 E
Greenhithe 51 27 N 0 17 E
Grays 51 28 N 0 18 E
Tilbury 51 27 N 0 20 E
Y G C R B T A
Gravesend 51 27 N 0 22 E
Cliffe 51 29 N 0 28 E 1B
Y G A
Shell Haven 51 30 N 0 31 E
P Q A
Coryton 51 31 N 0 32 E
P Q G B A
Hole Haven 51 30 N 0 33 E
Canvey Island 51 31 N 0 38 E
P Q A
Chapman Anchorage 51 30 N 0 38 E
Leigh 51 33 N 0 39 E
Southend-on-Sea 51 32 N 0 43 E
River Medway
Isle of Grain 51 26 N 0 43 E
P Y G C B T A
Thamesport 51 26 N 0 42 E
G C T A
Kethole Anchorage 51 26 N 0 40 E 1C
Bee Ness 51 26 N 0 39 E
Oakham Ness 51 25 N 0 39 E
P B T A
Kingsnorth 51 25 N 0 36 E
Y B T A
Hoo 51 25 N 0 34 E
Upnor 51 25 N 0 32 E
Strood 51 23 N 0 30 E
Rochester 51 24 N 0 30 E
Y G B T A
Halling 51 21 N 0 27 E
Snodland 51 20 N 0 27 E
Chatham 51 24 N 0 33 E
Y G R B D T A
Gillingham 51 29 N 0 33 E
Rainham 51 23 N 0 37 E
Otterham Quay 51 23 N 0 38 E
Stangate Creek 51 23 N 0 42 E
Queenborough 51 25 N 0 44 E 1D
Y G B T A
Sheerness 51 26 N 0 44 E
Y G C R B T A
Ridham Dock 51 23 N 0 46 E
P Y G B T A
Grovehurst Jetty 51 22 N 0 46 E
Y B A
Sittingbourne 51 21 N 0 44 E
Milton Creek 51 22 N 0 46 E
Faversham 51 20 N 0 54 E
Whitstable 51 22 N 1 02 E
Y G B A
Herne Bay 51 23 N 1 08 E
Margate 51 23 N 1 23 E
North Foreland 51 22 N 1 27 E
Ramsgate 51 20 N 1 25 E
G R B T A

River Stour
Richborough 51 18 N 1 21 E 2A
P G B A
Sandwich 51 16 N 1 20 E
Deal 51 13 N 1 24 E
The Downs 51 13 N 1 27 E
South Foreland 51 08 N 1 23 E
Dover 51 07 N 1 20 E
Y G C R B T A
Folkestone 51 05 N 1 12 E
G R A
Sandgate 51 04 N 1 06 E
Hythe 51 04 N 1 04 E
Dungeness 50 55 N 0 59 E
Rye 50 56 N 0 46 E
Y G T A
Hastings 50 51 N 0 35 E
Royal Sovereign Light 50 43 N 0 26 E
Beachy Head 50 44 N 0 15 E
Seaford 50 46 N 0 07 E 2B
Newhaven 50 47 N 0 04 E
Y G C R B T A
Brighton 50 49 N 0 06 W
Shoreham 50 50 N 0 15 W
P Q Y G R B D T A
Worthing 50 48 N 0 23 W
Littlehampton 50 48 N 0 32 W
Y G A
Owers Light 50 40 N 0 41 W
Selsey Bill 50 43 N 0 47 W
Chichester Harbour
Bosham 50 48 N 0 54 W
Nab Tower 50 40 N 0 57 W
Langstone Harbour
Bedhampton 50 50 N 1 00 W
Portsmouth 50 48 N 1 06 W
Q G C R T A
Fareham 50 51 N 1 11 W
Gosport 50 48 N 1 07 W 2C
Fort Gilkicker 50 46 N 1 08 W
Stokes Bay 50 47 N 1 09 W
Isle of Wight
Ryde 50 44 N 1 09 W
St. Helen's 50 42 N 1 05 W
Bembridge 50 41 N 1 05 W
Niton 50 35 N 1 17 W
St. Catherine's Point 50 34 N 1 18 W
Freshwater Bay 50 40 N 1 31 W
Needles 50 40 N 1 35 W
Yarmouth 50 42 N 1 30 W
Cowes 50 46 N 1 18 W
P Y G R B A
River Medina
Newport 50 42 N 1 17 W
Y G B
Fishbourne 50 44 N 1 13 W
Southampton Water
Hamble 50 49 N 1 18 W
P T A
River Itchen 50 54 N 1 22 W 2D
Southampton 50 54 N 1 24 W
P Q Y G C R B D T A
Redbridge 50 56 N 1 28 W
River Test
Totton 50 55 N 1 29 W
Eling 50 54 N 1 28 W
Hythe 50 52 N 1 23 W
Fawley 50 49 N 1 20 W
P Q B T A
Calshot Light Vessel 50 48 N 1 17 W
Lymington 50 45 N 1 32 W
Christchurch 50 44 N 1 45 W
Bournemouth 50 43 N 1 54 W
Poole 50 43 N 1 59 W
P Q Y G C R B T A
Swanage 50 37 N 1 58 W
Weymouth 50 37 N 2 27 W
Y G R B A

Portland 50 34 N 2 26 W 3A
Q G B T A
Portland Bill 50 31 N 2 27 W

CHANNEL ISLANDS

Casquets 49 44 N 2 23 W p.18
Alderney 49 43 N 2 12 W
P Y G A
Guernsey
St. Peter Port 49 27 N 2 32 W
P Q Y G C R B A
St. Sampson 49 29 N 2 31 W
Sark 49 26 N 2 22 W
Jersey
Corbiere Point 49 11 N 2 15 W
St. Aubin 49 11 N 2 10 W
St. Helier 49 11 N 2 07 W
P Q Y G C R B T A
Gorey 49 12 N 2 01 W 3B
Ronez 49 15 N 2 08 W
Les Minquiers
Maitresse Island 48 58 N 2 04 W

ENGLAND

Lyme Bay p.16/17
Bridport 50 43 N 2 46 W
Lyme Regis 50 43 N 2 56 W
Sidmouth 50 41 N 3 15 W
River Exe
Exmouth 50 37 N 3 25 W
Topsham 50 41 N 3 38 W
Exeter 50 43 N 3 31 W
Teignmouth 50 33 N 3 30 W
Y G R B A
Tor Bay
Torquay 50 27 N 3 32 W
Brixham 50 24 N 3 30 W
B T A
Berry Head 50 24 N 3 29 W 3C
River Dart
Dartmouth 50 21 N 3 35 W
B A
Tuckenhay 50 24 N 3 40 W
Totnes 50 26 N 3 41 W
Start Point 50 13 N 3 39 W
Prawle Point 50 12 N 3 43 W
Salcombe 50 14 N 3 46 W
Kingsbridge 50 17 N 3 47 W
Bolt Head 50 13 N 3 47 W
Plymouth Sound
Plymouth 50 22 N 4 11 W
P Y G R B T A
Devonport 50 22 N 4 10 W
River Tamar
Saltash 50 24 N 4 12 W
St. Germans River
St. Germans 50 24 N 4 20 W
Torpoint 50 22 N 4 12 W
Eddystone Light 50 11 N 4 16 W
Looe 50 21 N 4 27 W 3D
Fowey 50 20 N 4 38 W
Q Y G B T A
Par 50 21 N 4 42 W
P Y G B
Charlestown 50 20 N 4 45 W
Pentewan 50 17 N 4 47 W
Mevagissey 50 16 N 4 47 W
River Fal
Truro River
Truro 50 10 N 5 02 W
Y G B A
Woodbury 50 11 N 5 01 W
Penryn River
Penryn 50 10 N 5 06 W
Y G B A
Falmouth 50 10 N 5 03 W
P G B D T A

P Petroleum **Q** Other Liquid Bulk **Y** Dry Bulk **G** General Cargo
C Containers **R** Ro-Ro **B** Bunkers **D** Dry Dock **T** Towage
A Airport (within 100km)

ENGLAND *continued* — 4A

Helford River
Porth Navas 50 06 N 5 08 W
Gweek 50 05 N 5 12 W
Porthoustock Quarry 50 03 N 5 04 W
Dean Quarry 50 02 N 5 05 W
Coverack 50 01 N 5 06 W
Bass Point 49 58 N 5 11 W
Lizard 49 57 N 5 12 W
Mount's Bay
Mullion Cove 50 01 N 5 16 W
Porth Mellin 50 01 N 5 15 W
Poldhu 50 02 N 5 16 W
Porthleven 50 05 N 5 19 W
Marazion 50 07 N 5 29 W
Penzance 50 08 N 5 32 W

Y	G	B	D	T	A					

Newlyn 50 08 N 5 33 W
Mousehole 50 05 N 5 32 W
Porthcurno 50 02 N 5 38 W
Wolf Rock 49 57 N 5 48 W
Land's End 50 04 N 5 43 W — 4B
Longships Light 50 04 N 5 45 W
Isles of Scilly
St. Mary's Island
St. Mary's 49 55 N 6 19 W

G	B	A								

St. Agnes Island 49 53 N 6 20 W
Bishop Rock 49 52 N 6 27 W
Cape Cornwall 50 08 N 5 43 W
Pendeen 50 10 N 5 40 W
St. Ives 50 13 N 5 29 W
Hayle 50 11 N 5 26 W
Portreath 50 16 N 5 17 W
St. Agnes Head 50 19 N 5 14 W
Newquay 50 25 N 5 05 W
Trevose Head 50 33 N 5 02 W
River Camel
Padstow 50 33 N 4 56 W

Y	G	B	A							

Wadebridge 50 31 N 4 50 W
Portquin 50 35 N 4 52 W
Port Isaac 50 36 N 4 50 W — 4C
Boscastle 50 42 N 4 42 W
Bude 50 50 N 4 33 W
Hartland Point 51 01 N 4 32 W
Lundy Island 51 10 N 4 39 W
River Torridge
Appledore 51 03 N 4 12 W
Instow 51 03 N 4 10 W
Westleigh 51 02 N 4 11 W
Northam 51 02 N 4 13 W
Bideford 51 01 N 4 12 W

G	B	A								

River Taw
Yelland 51 04 N 4 09 W
Fremington 51 05 N 4 08 W
Barnstaple 51 05 N 4 04 W
Ilfracombe 51 12 N 4 07 W
Lynmouth 51 14 N 3 50 W
Minehead 51 13 N 3 28 W
Watchet 51 11 N 3 20 W

G	B	A								

River Parrett — 4D
Combwich 51 11 N 3 03 W
Dunball 51 10 N 2 59 W
Bridgwater 51 10 N 3 00 W

Y	G	R	B	A						

Highbridge 51 13 N 2 59 W
Burnham 51 15 N 3 00 W
Walton Bay 51 28 N 2 49 W
Portishead 51 29 N 2 46 W
King Road 51 30 N 2 46 W
River Avon
Portbury 51 30 N 2 44 W
Avonmouth 51 30 N 2 43 W
Bristol 51 27 N 2 38 W

P	Q	Y	G	C	R	B	D	T	A	

River Severn
Lydney 51 43 N 2 32 W

G	A									

Sharpness 51 43 N 2 29 W — 5A

Y	G	C	R	B	D	T	A			

Gloucester 51 52 N 2 13 W

WALES

River Wye
Chepstow 51 39 N 2 40 W
River Usk
Newport 51 34 N 2 59 W

Y	G	C	R	B	D	A				

Cardiff 51 28 N 3 11 W

P	Y	G	C	B	D	T	A			

Penarth 51 26 N 3 10 W
Barry 51 24 N 3 16 W

P	Q	Y	G	C	B	T	A			

Barry Island 51 23 N 3 16 W
Porthcawl 51 28 N 3 42 W
Port Talbot 51 35 N 3 43 W

Y	G	R	B	T	A					

River Neath — 5B
Briton Ferry 51 37 N 3 50 W

Y	G	C	B	A						

Neath 51 38 N 3 50 W
Swansea 51 37 N 3 56 W

P	Q	Y	G	C	R	B	D	T	A	

Mumbles 51 34 N 3 58 W
Llanelli 51 40 N 4 10 W
Burry Port 51 40 N 4 15 W
River Towy
Carmarthen 51 51 N 4 18 W
Saundersfoot 51 43 N 4 42 W
Tenby 51 42 N 4 43 W
Caldy Island 51 38 N 4 41 W
St. Govan's Head 51 36 N 4 55 W
Milford Haven

P	Q	G	R	B	D	T	A			

Angle Bay 51 41 N 5 05 W
Pembroke 51 42 N 4 57 W — 5C
West Cleddau River
Haverfordwest 51 48 N 4 58 W
Neyland 51 42 N 4 57 W
Milford Docks 51 43 N 5 02 W
Dale Roads 51 42 N 5 09 W
St. Ann's Head 51 41 N 5 10 W
Smalls Light 51 43 N 5 40 W
St. Bride's Bay
Solva 51 52 N 5 12 W
St. David's Head 51 54 N 5 19 W
Fishguard 52 01 N 4 59 W

G	C	R	B	A						

Newport 52 01 N 4 50 W
Cardigan 52 05 N 4 39 W
New Quay 52 13 N 4 22 W
Aberaeron 52 15 N 4 15 W
Aberystwyth 52 24 N 4 06 W
Borth 52 29 N 4 03 W
River Dovey
Aberdovey 52 32 N 4 03 W
Barmouth 52 43 N 4 03 W
Porthmadog (Portmadoc) 52 55 N 4 08 W — 5D
Pwllheli 52 53 N 4 25 W
Llanbedrog 52 51 N 4 28 W
Abersoch 52 50 N 4 30 W
St. Tudwal's Roads 52 48 N 4 28 W
Bardsey Island 52 45 N 4 48 W
Porth Dinllaen 52 57 N 4 34 W
Porth Nefyn 52 55 N 4 31 W
Carreg-y-Llam 52 58 N 4 28 W
Porth y Nant 52 58 N 4 28 W
Port Rivals 52 59 N 4 28 W
Port Trevor 53 00 N 4 25 W
Clynnog 53 01 N 4 22 W
Menai Strait
Caernarfon 53 09 N 4 16 W
Port Dinorwic 53 11 N 4 13 W
Anglesey
South Stack 53 18 N 4 42 W
Holyhead 53 19 N 4 37 W

Y	G	R	B	T						

Skerries Light 53 25 N 4 36 W
Cemaes Bay 53 25 N 4 27 W
Amlwch Terminal 53 25 N 4 20 W

Point Lynas 53 25 N 4 17 W — 6A
Moelfre Roads 53 21 N 4 14 W
Redwharf Bay 53 19 N 4 12 W
Dinmor 53 18 N 4 03 W
Beaumaris 53 16 N 4 05 W
Bangor 53 14 N 4 08 W
Port Penrhyn 53 14 N 4 06 W

Y	G	R	B							

Penmaenmawr 53 16 N 3 57 W
Conwy 53 18 N 3 51 W
Deganwy 53 18 N 3 50 W
Great Ormes Head 53 21 N 3 52 W
Llandudno 53 19 N 3 49 W
Llanddulas 53 18 N 3 39 W

Y	A									

Rhyl 53 19 N 3 29 W
River Dee
Point of Air 53 21 N 3 19 W
Mostyn 53 19 N 3 14 W

Q	Y	G	R	B	T	A				

Flint 53 15 N 3 08 W — 6B
Connah's Quay 53 14 N 3 04 W
Shotton 53 12 N 3 02 W

G	A									

Queensferry 53 12 N 3 01 W

ENGLAND

Saltney 53 11 N 2 56 W
Chester 53 12 N 2 54 W
Bar Light 53 32 N 3 19 W
River Mersey
Wallasey 53 25 N 3 03 W
Birkenhead 53 24 N 3 01 W
Tranmere 53 22 N 3 00 W
Rock Ferry 53 21 N 3 00 W
Bromborough 53 21 N 2 59 W
Manchester Ship Canal
Eastham 53 21 N 2 58 W

P	B	A								

Ellesmere Port 53 17 N 2 54 W

P	Y	G	B	A						

Stanlow 53 17 N 2 52 W — 6C

P	Q	B	A							

Ince 53 17 N 2 51 W

P	B	A								

Frodsham 53 18 N 2 44 W
River Weaver
Winnington 53 17 N 2 31 W
Anderton 53 16 N 2 32 W
Northwich 53 15 N 2 31 W
Weston Church Wall 53 19 N 2 45 W
Weston Point 53 20 N 2 46 W
Runcorn 53 21 N 2 44 W

P	Q	Y	G	B	A					

Acton Grange 53 22 N 2 38 W
Warrington 53 24 N 2 36 W
Latchford 53 23 N 2 34 W
Cadishead 53 24 N 2 27 W
Partington 53 26 N 2 26 W

P	Q	B	A							

Irlam 53 26 N 2 25 W — 6D
Barton 53 28 N 2 22 W
Irwell 53 28 N 2 21 W
Weaste 53 28 N 2 20 W
Mode Wheel 53 27 N 2 20 W
Manchester 53 28 N 2 17 W

P	Q	Y	G	B	D	T	A			

River Mersey
Widnes 53 21 N 2 44 W
Garston 53 21 N 2 54 W

Y	G	B	A							

Dingle 53 22 N 2 58 W
Liverpool 53 25 N 3 00 W

P	Q	Y	G	C	R	B	D	T	A	

Seaforth 53 28 N 3 01 W
Southport 53 39 N 3 01 W
River Ribble
Preston 53 45 N 2 42 W
Blackpool 53 50 N 3 03 W

7A

River Wyre
Fleetwood 53 56 N 3 00 W
R B T A

River Lune
Glasson Dock 54 00 N 2 50 W
Y G C

Lancaster 54 00 N 2 51 W
Heysham 54 02 N 2 55 W
G C R B A

Morecambe Bay
Morecambe 54 04 N 2 53 W
Ulverston 54 12 N 3 05 W
Piel 54 04 N 3 10 W
Barrow-in-Furness 54 06 N 3 13 W
Q Y G R B A

Millom 54 11 N 3 16 W
Isle of Man
Point of Ayre 54 25 N 4 22 W
Ramsey 54 19 N 4 23 W
Y G C B A

7B

Douglas 54 09 N 4 28 W
P Q Y G C R B A

Castletown 54 04 N 4 39 W
G B A

Port St. Mary 54 04 N 4 44 W
G B A

Port Erin 54 05 N 4 45 W
Peel 54 14 N 4 42 W
P G B A

Ravenglass 54 21 N 3 25 W
Whitehaven 54 33 N 3 35 W
Harrington 54 37 N 3 34 W
Workington 54 39 N 3 34 W
P Q Y G C R B T A

Maryport 54 43 N 3 30 W
Silloth 54 52 N 3 24 W
Q Y G B

7C

NORTHERN IRELAND

Lough Foyle
Lisahally 55 02 N 7 16 W
Londonderry 54 59 N 7 19 W
P Y G B A

Coleraine 55 08 N 6 40 W
Y G C B A

Port Stewart 55 11 N 6 43 W
Portrush 55 13 N 6 40 W
Rathlin Island 55 17 N 6 10 W
Ballycastle 55 13 N 6 14 W
Carnlough 54 59 N 6 00 W
Glenarm 54 57 N 5 57 W
Lough Larne
Larne 54 51 N 5 47 W
G C R B T A

7D

Ballylumford 54 50 N 5 47 W
Magheramorne 54 49 N 5 46 W
Belfast Lough
Kilroot 54 43 N 5 45 W
Carrickfergus 54 39 N 5 53 W
Belfast 54 36 N 5 56 W
P Q Y G C R B D T A

Bangor 54 40 N 5 40 W
Groomsport Bay 54 41 N 5 36 W
Donaghadee 54 39 N 5 32 W
Ballywalter 54 33 N 5 29 W
Portavogie 54 27 N 5 26 W
Strangford Lough
Portaferry 54 23 N 5 33 W
Killyleagh 54 24 N 5 39 W
Quoile Quay 54 21 N 5 41 W
Strangford 54 23 N 5 36 W
Ardglass 54 16 N 5 37 W
Dundrum 54 16 N 5 51 W
Newcastle 54 12 N 5 53 W
Annalong 54 06 N 5 54 W
Ballymartin 54 05 N 5 56 W
Kilkeel 54 04 N 6 00 W

8A

Carlingford Lough
Warrenpoint 54 06 N 6 15 W
Q Y G C R B A

Newry 54 11 N 6 20 W

REPUBLIC OF IRELAND (EIRE)

Carlingford 54 03 N 6 11 W
Greenore 54 02 N 6 08 W
Y G C B A

Dundalk 54 00 N 6 23 W
P Y G B A

River Boyne
Drogheda 53 43 N 6 21 W
P Q Y G C B T A

Balbriggan 53 37 N 6 11 W
Skerries 53 35 N 6 06 W
Howth 53 23 N 6 04 W
Dublin 53 21 N 6 13 W
P Q Y G C R B D T A

8B

Dun Laoghaire 53 18 N 6 08 W
R B A

Bray 53 12 N 6 06 W
Wicklow 52 59 N 6 02 W
Y G B A

Arklow 52 48 N 6 09 W
P Q Y G B D T A

Cahore Point 52 34 N 6 11 W
Wexford 52 20 N 6 25 W
Rosslare 52 15 N 6 20 W
R B T A

Tuskar Light 52 12 N 6 12 W
Carnsore Point 52 10 N 6 22 W
Kilmore 52 11 N 6 35 W
Bannow Bay 52 12 N 6 49 W
Waterford Harbour
Duncannon 52 13 N 6 55 W
New Ross 52 24 N 6 57 W
P Y G B T A

8C

Waterford 52 07 N 6 55 W
P Q Y G C R B T A

Passage East 52 14 N 6 59 W
Dunmore East 52 09 N 6 59 W
Tramore 52 10 N 7 09 W
Dungarvan 52 05 N 7 36 W
Youghal 51 56 N 7 50 W
Y G B A

Cork Harbour
Whitegate 51 50 N 8 15 W
Ballinacurra 51 53 N 8 10 W
Cobh 51 51 N 8 17 W
Haulbowline Island 51 50 N 8 18 W
Passage West 51 52 N 8 20 W
Cork 51 54 N 8 28 W
P Q Y G C R B D T A

Daunt Rock Light 51 43 N 8 15 W
River Bandon
Kinsale 51 42 N 8 30 W
Y G B T A

8D

Kilmacsimon 51 45 N 8 44 W
Old Head of Kinsale 51 36 N 8 32 W
Courtmacsherry 51 38 N 8 43 W
Clonakilty 51 37 N 8 52 W
Galley Head 51 32 N 8 57 W
Glandore 51 34 N 9 07 W
Union Hall 51 34 N 9 08 W
Castletownsend 51 31 N 9 11 W
Baltimore 51 27 N 9 24 W
G T A

Skibbereen 51 33 N 9 16 W
Fastnet Rock 51 23 N 9 36 W
Skull (Schull) 51 31 N 9 32 W
Crookhaven 51 29 N 9 42 W
Mizen Head 51 27 N 9 49 W
Bantry Bay
Y G A

Bantry 51 42 N 9 28 W

9A

Glengariff 51 45 N 9 32 W
Bear Haven
Lawrence Cove 51 38 N 9 49 W
Castletownbere 51 39 N 9 54 W
G

Kenmare 51 52 N 9 36 W
Portmagee 51 53 N 10 23 W
Valentia 51 56 N 10 18 W
Cahirciveen 51 58 N 10 20 W
G B A

Dingle Bay
Dingle 52 08 N 10 16 W
Ventry 52 07 N 10 22 W
Tralee Bay
Tralee 52 16 N 9 42 W
Fenit 52 16 N 9 51 W
Y G B A

Shannon River
Ballylongford 52 33 N 9 28 W
Tarbert Island 52 35 N 9 22 W
P T A

9B

Foynes Island 52 37 N 9 07 W
Foynes 52 37 N 9 06 W
P Q Y G B T A

Aughinish Island 52 38 N 9 03 W
P Q Y B T A

Beagh Castle 52 40 N 8 57 W
Dernish Island 52 41 N 8 55 W
P A

Limerick 52 40 N 8 38 W
P Q Y G B T A

Clarecastle 52 49 N 8 57 W
Killadysert 52 40 N 9 06 W
Moneypoint 52 36 N 9 24 W
Y B T A

Kilrush 52 38 N 9 30 W
G B T A

9C

Galway Bay
Black Head 53 09 N 9 16 W
Galway 53 16 N 9 03 W
P Y G B T A

Aran Islands
Inishmore Island
Kilronan 53 07 N 9 40 W
Slyne Head 53 24 N 10 14 W
Clifden 53 29 N 10 01 W
Killary Bay
Leenaun 53 36 N 9 42 W
Clew Bay
Westport 53 48 N 9 32 W
Newport 53 53 N 9 33 W
Blacksod Bay
Belmullet 54 13 N 9 59 W
Blacksod 54 06 N 10 04 W
Broadhaven 54 17 N 9 52 W
Killala Bay
Killala 54 13 N 9 13 W
Ballina 54 07 N 9 10 W

9D

Sligo 54 16 N 8 28 W
Y G B A

Donegal Bay
Ballyshannon 54 30 N 8 12 W
Donegal 54 39 N 8 07 W
Killybegs 54 38 N 8 26 W
Y G B T A

Burtonport 55 00 N 8 26 W
Bunbeg 55 03 N 8 19 W
Tory Island 55 16 N 8 15 W
Mulroy Bay
Port Millford 55 06 N 7 42 W
Lough Swilly
Portsalon 55 13 N 7 32 W
Rathmullen 55 06 N 7 32 W
Ramelton 55 02 N 7 38 W
Letterkenney 54 57 N 7 45 W
Buncrana 55 08 N 7 27 W
Malin Head 55 23 N 7 24 W
Inishtrahull Island 55 26 N 7 14 W
Lough Foyle
Moville 55 11 N 7 02 W

GEOGRAPHIC INDEX

P Petroleum **Q** Other Liquid Bulk **Y** Dry Bulk **G** General Cargo
C Containers **R** Ro-Ro **B** Bunkers **D** Dry Dock **T** Towage
A Airport (within 100km)

UNITED KINGDOM

SCOTLAND

10A

Annan 54 59 N 3 16 W
River Nith
Glencaple 55 01 N 3 35 W
Dumfries 55 04 N 3 37 W
River Urr
Kippford 54 53 N 3 49 W
Palnackie 54 53 N 3 51 W
Dalbeattie 54 56 N 3 49 W
Kirkcudbright 54 50 N 4 03 W
G B A
Creetown 54 54 N 4 22 W
Wigtown 54 52 N 4 26 W
Garlieston 54 48 N 4 22 W
G A
Isle of Whithorn 54 42 N 4 22 W
G

10B

Port William 54 46 N 4 35 W
Drummore 54 41 N 4 53 W
Mull of Galloway 54 38 N 4 51 W
Port Logan 54 42 N 4 57 W
Portpatrick 54 50 N 5 07 W
Corsewall Point 55 00 N 5 09 W
Stranraer 54 55 N 5 02 W
G R B A
Cairnryan 54 58 N 5 01 W
Ballantrae 55 06 N 5 00 W
Girvan 55 15 N 4 52 W
Y G A
Firth of Clyde
Ayr 55 28 W 4 38 W
Y G R B A
Troon 55 33 N 4 41 W
G B A
Irvine 55 36 N 4 41 W
Ardrossan 55 38 N 4 49 W
P Y G C R B T A

10C

Hunterston 55 45 N 4 53 W
Y B A
Fairlie 55 46 N 4 52 W
Largs 55 48 N 4 52 W
G R A
Wemyss Bay 55 53 N 4 53 W
Inverkip 55 55 N 4 52 W
Gourock 55 57 N 4 48 W
G R A
Tail of Bank 55 57 N 4 45 W
River Clyde
Greenock 55 57 N 4 44 W
Y G C R B D A
Port Glasgow 55 56 N 4 41 W
G B A
River Cart
Paisley 55 51 N 4 26 W

10D

Renfrew 55 52 N 4 24 W
Glasgow 55 52 N 4 17 W
Y G R B D T A
Dalmuir 55 54 N 4 26 W
Old Kilpatrick 55 55 N 4 27 W
Bowling 55 56 N 4 30 W
Forth and Clyde Canal (W. Entrance)
Dunglass 55 56 N 4 31 W
Dumbarton 55 56 N 4 34 W
Gareloch
Shandon 56 03 N 4 49 W
Faslane Dock 56 04 N 4 49 W
Garelochhead 56 05 N 4 50 W
Rosneath 56 01 N 4 48 W
Kilcreggan 55 59 N 4 49 W
Loch Long
Finnart 56 07 N 4 50 W
P A
Glenmallan 56 07 N 4 49 W
Coulport 56 04 N 4 53 W
Holy Loch
Strone Point 55 59 N 4 54 W
Dunoon 55 56 N 4 55 W
G R A
Toward Point 55 52 N 4 59 W
Ardyne Point 55 52 N 5 02 W
Loch Striven 55 57 N 5 05 W
Isle of Bute
Kames Bay
Port Bannatyne 55 52 N 5 04 W
Rothesay 55 50 N 5 03 W
G R B A
Loch Fyne
Portavadie 55 52 N 5 18 W
Inveraray 56 13 N 5 05 W
Furnace 56 09 N 5 11 W
Ardrishaig 56 00 N 5 26 W
Y G B
Crinan Canal (S. Entrance)
Tarbert 55 52 N 5 26 W
Isle of Arran
Brodick 55 34 N 5 06 W
Lamlash 55 32 N 5 04 W
Kildonan Point 55 27 N 5 06 W
Campbeltown 55 25 N 5 35 W
G R B A
Mull of Kintyre 55 18 N 5 48 W
Gigha Island 55 39 N 5 46 W
Islay Island
Ardbeg 55 38 N 6 06 W
Port Ellen 55 37 N 6 13 W
G R A
Loch Indaal
Bowmore 55 46 N 6 17 W
Bruichladdich 55 46 N 6 22 W
Kilchoman 55 47 N 6 28 W
Bunnahabhainn Bay 55 53 N 6 07 W
Port Askaig 55 51 N 6 06 W
G R B A
Jura Island
Feolin 55 51 N 6 05 W
Craighouse

11C

Oronsay Island 56 02 N 6 11 W
Colonsay Island 56 03 N 6 11 W
Loch Crinan 56 05 N 5 34 W
Crinan Canal (N. Entrance)
Oban 56 25 N 5 29 W
G R B A
Loch Etive
Bonawe 56 26 N 5 14 W
Lismore Island 56 27 N 5 36 W
Barcaldine 56 31 N 5 24 W
Loch Linnhe
Glensanda 56 34 N 5 32 W
Y
Loch Leven
Kinlochleven 56 43 N 4 59 W
Fort William 56 49 N 5 07 W
Corpach 56 50 N 5 07 W
G B A
Caledonian Canal (S. Entrance)
Sound of Mull

11D

Loch Aline 56 32 N 5 47 W
Mull Island
Tobermory 56 37 N 6 03 W
Craignure 56 28 N 5 42 W
Dubh Artach 56 08 N 6 38 W
Skerryvore 56 19 N 7 07 W
Tiree Island 56 31 N 6 48 W
Coll Island 56 37 N 6 32 W
Loch Sunart
Strontian 56 42 N 5 34 W
Kilchoan 56 41 N 6 07 W
Mallaig 57 00 N 5 50 W
G R B
Glenelg 57 13 N 5 38 W
Kyle of Lochalsh 57 17 N 5 44 W
P G B T A
Isle of Skye
Kyleakin 57 16 N 5 44 W
Carbost 57 18 N 6 23 W
Orbost 57 23 N 6 34 N
Dunvegan 57 27 N 6 35 W
Vaternish Point 57 36 N 6 38 W
Uig 57 35 N 6 21 W
Portree 57 24 N 6 11 W
P G B A
Loch Carron
South Strome 57 21 N 5 34 W
Loch Kishorn
Kishorn 57 23 N 5 36 W
Applecross 57 26 N 5 49 W
Loch Torridon 57 36 N 5 49 W
Gairloch 57 43 N 5 41 W
Loch Ewe
Aultbea 57 50 N 5 36 W
Ullapool 57 54 N 5 10 W
G R B
Lochinver 58 09 N 5 15 W
Kinlochbervie 58 27 N 5 02 W

12A

OUTER HEBRIDES

Barra Island
Castlebay 56 56 N 7 28 W

12B

South Uist
Lochboisdale 57 09 N 7 18 W
G R B A
Loch Carnan 57 20 N 7 15 W
Benbecula 57 25 N 7 23 W
North Uist
Loch Eport 57 33 N 7 08 W
Lochmaddy 57 36 N 7 08 W
G R B A
St. Kilda 57 49 N 8 34 W
Lewis
Butt of Lewis 58 31 N 6 16 W
Tiumpan Head 58 16 N 6 08 W
Stornoway 58 12 N 6 23 W
P Q G R B T A
Sound of Harris
Leverburgh 57 46 N 7 01 W
Scarp 58 01 N 7 10 W
Cape Wrath 58 37 N 5 00 W
Durness 58 34 N 4 44 W

12C

Sule Skerry 59 05 N 4 24 W
Scrabster 58 37 N 3 32 W
P G R B A
Thurso 58 35 N 3 31 W
Pentland Firth
Dunnet Head 58 40 N 3 22 W
Canisbay 58 38 N 3 08 W
Duncansby Head 58 39 N 3 01 W
Pentland Skerries 58 41 N 2 55 W

ORKNEY ISLANDS

Stroma 58 40 N 3 08 W
Swona 58 44 N 3 04 W
South Ronaldsay
St. Margaret's Hope 58 50 N 2 57 W
Burray 58 51 N 2 54 W
Scapa Flow
P Q Y G R B T A
Flotta
Flotta Terminal 58 49 N 3 07 W

12D

South Walls 58 47 N 3 08 W
Hoy
Longhope 58 49 N 3 11 W
Lyness 58 50 N 3 11 W
Mainland Orkney
Scapa 58 57 N 3 00 W
Stromness 58 58 N 3 18 W
Kirkwall 59 00 N 2 59 W
P Y G C R B T A
Shapinsay 59 03 N 2 51 W
Stronsay
Lamb Head 59 05 N 2 32 W
Sanday 59 13 N 2 30 W
Westray
Pierowall Harbour 59 19 N 2 58 W
Noup Head 59 20 N 3 04 W
North Ronaldsay
Dennis Head 59 23 N 2 23 W

SHETLAND ISLANDS — 13A

Fair Isle 59 31 N 1 39 W
Mainland Shetland
Sumburgh Head 59 51 N 1 16 W
Scalloway 60 08 N 1 16 W

Q	Y	G	B	A						

Walls 60 14 N 1 34 W
Sullom Voe 60 27 N 1 20 W

P	Q	Y	G	R	B	T	A			

Vidlin Voe 60 23 N 1 08 W
Lerwick 60 09 N 1 08 W

G	R	B	T	A						

Sandwick 60 00 N 1 14 W
Bressay 60 08 N 1 05 W
Yell
Tofts Voe 60 30 N 1 11 W
Bay of Ulsta 60 30 N 1 10 W
Mid Yell Voe 60 36 N 1 04 W
Cullivoe 60 42 N 1 00 W
Unst — 13B
Baltasound 60 45 N 0 50 W
Muckle Flugga 60 51 N 0 53 W

NORTH SEA TERMINALS

Thistle 61 23 N 1 36 E p.19
Statfjord **(Norway)** 61 15 N 1 51 E
Gullfaks **(Norway)** 61 12 N 2 12 E
Brent 61 05 N 1 43 E
Oseberg **(Norway)** 60 30 N 2 50 E
Beryl 59 33 N 1 32 E
Maureen 58 08 N 1 42 E
Buchan 57 54 N 0 02 E
Kittiwake 57 28 N 0 31 E
Montrose 57 27 N 1 23 E
Ekofisk **(Norway)** 56 33 N 3 13 E
Fulmar 56 28 N 2 09 E
Auk 56 23 N 2 04 E
Gorm **(Denmark)** 55 35 N 4 46 E

SCOTLAND

Sinclair's Bay 58 29 N 3 03 W p.16/17
Wick 58 26 N 3 05 W — 13C

P	Y	G	C	B	A					

Lybster 58 18 N 3 17 W
Dunbeath 58 15 N 3 25 W
Helmsdale 58 07 N 3 39 W
Dornoch Firth
Portmahomack 57 50 N 3 49 W
Tarbat Ness Light 57 52 N 3 46 W
Moray Firth
Beatrice Terminal 58 08 N 3 03 W
Cromarty Firth
Nigg Terminal 57 42 N 4 02 W

P	Y	G	D	T	A					

Invergordon 57 41 N 4 10 W

P	Q	Y	G	R	B	T	A			

Dingwall 57 36 N 4 25 W
Cromarty 57 41 N 4 02 W
Inverness Firth
Inverness 57 30 N 4 14 W

P	Y	G	B	A						

Caledonian Canal (N. Entrance) — 13D
Ardersier 57 34 N 4 02 W
Nairn 57 35 N 3 52 W
Findhorn 57 39 N 3 36 W
Burghead 57 42 N 3 30 W

Y	G	A								

Lossiemouth 57 43 N 3 17 W
Port Gordon 57 40 N 3 01 W
Buckie 57 41 N 2 57 W

Y	G	B	A							

Findochty 57 42 N 2 54 W
Portknockie 57 42 N 2 52 W
Portsoy 57 41 N 2 41 W
Banff 57 40 N 2 31 W
Macduff 57 40 N 2 30 W

Y	G	B	A							

Gardenstown 57 40 N 2 20 W
Rosehearty 57 42 N 2 07 W
Sandhaven 57 41 N 2 01 W
Kinnairds Head 57 42 N 2 00 W — 14A
Fraserburgh 57 41 N 2 00 W

Q	Y	G	C	R	B	D	T	A		

Rattray Head 57 37 N 1 49 W
Peterhead 57 30 N 1 47 W

Q	Y	G	C	B	D	A				

Buchan Ness 57 28 N 1 46 W
Port Erroll 57 25 N 1 50 W
Newburgh 57 19 N 2 00 W
River Dee
Aberdeen 57 09 N 2 04 W

P	Q	Y	G	C	R	B	D	T	A	

Portlethen 57 03 N 2 07 W
Stonehaven 56 58 N 2 12 W
Gourdon 56 50 N 2 17 W
Johnshaven 56 48 N 2 20 W
Montrose 56 42 N 2 28 W

Q	Y	G	C	R	B	T	A			

Arbroath 56 33 N 2 35 W
Carnoustie 56 30 N 2 42 W — 14B
Firth of Tay
Broughty Ferry 56 28 N 2 52 W
Dundee 56 28 N 2 58 W

Y	G	C	R	B	T	A				

River Tay
Perth 56 24 N 3 26 W

Q	Y	G	B	A						

Newburgh 56 21 N 3 15 W
Tayport 56 27 N 2 53 W
Firth of Forth
Crail 56 15 N 2 38 W
Isle of May 56 11 N 2 33 W
Anstruther 56 12 N 2 42 W
Pittenweem 56 13 N 2 44 W
St. Monans 56 12 N 2 46 W
Elie 56 11 N 2 49 W
Largo Bay 56 13 N 2 56 W
Leven 56 12 N 3 00 W
Methil 56 11 N 3 00 W

Y	G	B	A							

Buckhaven 56 10 N 3 02 W — 14C
Kirkcaldy 56 07 N 3 09 W
Kinghorn 56 04 N 3 10 W
Inchkeith 56 02 N 3 09 W
Burntisland 56 03 N 3 14 W
Aberdour 56 03 N 3 18 W
Braefoot Bay 56 02 N 3 18 W

Q	T	A								

St. Davids 56 02 N 3 22 W
Inverkeithing 56 02 N 3 24 W
River Forth
North Queensferry 56 00 N 3 24 W
Rosyth 56 01 N 3 27 W

P	Q	Y	G	R	A					

Charlestown 56 02 N 3 30 W
Crombie 56 02 N 3 34 W
Longannet 56 03 N 3 41 W
Alloa 56 06 N 3 48 W
Stirling 56 07 N 3 56 W
Grangemouth 56 02 N 3 41 W

P	Q	Y	G	C	R	B	D	T	A	

Forth and Clyde Canal (E. Entrance) — 14D
Bo'ness (Borrowstounness)
56 01 N 3 36 W
South Queensferry 55 59 N 3 24 W
Hound Point 56 00 N 3 22 W

P	T	A								

Granton 55 59 N 3 13 W

G	R	B	A							

Leith 55 59 N 3 10 W

P	Q	Y	G	C	R	B	D	T	A	

Fisherrow 55 57 N 3 04 W
Musselburgh 55 57 N 3 02 W
Morrison's Haven 55 57 N 3 00 W
Cockenzie 55 58 N 2 57 W
Aberlady Bay 56 01 N 2 51 W
North Berwick 56 04 N 1 43 W
Dunbar 56 00 N 2 31 W
St. Abb's Head 55 55 N 2 08 W
Eyemouth 55 52 N 2 05 W

ENGLAND — 15A

River Tweed
Berwick-upon-Tweed 55 46 N 2 00 W

Y	G	B	A							

Holy Island 55 40 N 1 48 W
Farne Islands
Longstone Light 55 39 N 1 36 W
North Sunderland (Seahouses)
55 35 N 1 39 W
Craster 55 28 N 1 35 W
Boulmer 55 25 N 1 35 W
Alnmouth 55 23 N 1 37 W
Warkworth (Amble) 55 20 N 1 34 W
Coquet Island 55 20 N 1 32 W
Blyth 55 07 N 1 29 W

Y	G	C	R	A						

Seaton Sluice 55 05 N 1 28 W
Cullercoats 55 02 N 1 26 W
River Tyne
Tyne

P	Q	Y	G	C	R	B	D	T	A	

Tynemouth 55 01 N 1 25 W — 15B
North Shields 55 01 N 1 26 W
Wallsend 54 59 N 1 30 W
Newcastle 54 58 N 1 35 W
Dunston 54 57 N 1 38 W
Gateshead 54 58 N 1 36 W
Hebburn 54 59 N 1 31 W
Jarrow 54 59 N 1 28 W
Tyne Dock 54 59 N 1 27 W
South Shields 55 00 N 1 26 W
River Wear
Sunderland 54 55 N 1 22 W

P	Q	Y	G	C	B	D	A			

Seaham 54 50 N 1 19 W

Y	G	C	B	T	A					

Hartlepool 54 42 N 1 12 W

Y	G	R	B	T	A					

West Hartlepool 54 41 N 1 12 W
River Tees
Tees — 15C

P	Q	Y	G	C	R	B	D	T	A	

Seal Sands 54 37 N 1 10 W
North Tees 54 36 N 1 10 W
Billingham 54 35 N 1 15 W
Middlesbrough 54 35 N 1 13 W
South Bank 54 35 N 1 11 W
Teesport 54 36 N 1 09 W
Redcar 54 37 N 1 04 W
Saltburn-by-the-Sea 54 35 N 0 58 W
Skinningrove 54 34 N 0 54 W
Staithes 54 33 N 0 48 W
Whitby 54 29 N 0 37 W

Y	G	C	B	A						

Scarborough 54 17 N 0 23 W

G	B									

Filey 54 13 N 0 16 W
Flamborough Head 54 07 N 0 04 W
Bridlington 54 05 N 0 11 W
Spurn Head 53 35 N 0 07 E
River Humber — 15D
Salt End 53 44 N 0 14 W

P	Q	B	A							

Hull (Kingston upon Hull)
53 45 N 0 18 W

Q	Y	G	C	R	B	D	T	A		

Hessle 53 43 N 0 26 W

P	Y	G								

Brough 53 43 N 0 35 W
River Ouse
Goole 53 42 N 0 52 W

Y	G	C	R	B	T	A				

Hook 53 43 N 0 51 W
Howdendyke 53 45 N 0 52 W

Y	G	B	A							

Drax 53 44 N 0 59 W

P Petroleum **Q** Other Liquid Bulk **Y** Dry Bulk **G** General Cargo
C Containers **R** Ro-Ro **B** Bunkers **D** Dry Dock **T** Towage
A Airport (within 100km)

ENGLAND *continued* — 16A

Selby 53 47 N 1 04 W
G A

River Trent
Burton upon Stather 53 39 N 0 41 W
G

Flixborough 53 37 N 0 41 W
Y G C

Neap House 53 37 N 0 40 W
Y G

Grove Wharf 53 36 N 0 41 W
P Q Y G

Keadby 53 36 N 0 40 W
P Y G

Gunness Wharf 53 35 N 0 41 W
P Q Y G

Althorpe Wharf 53 34 N 0 44 W — 16B
Beckingham 53 24 N 0 50 W
Gainsborough 53 24 N 0 46 W
Whitton 53 43 N 0 38 W
Barton on Humber 53 42 N 0 26 W
Barrow on Humber 53 41 N 0 23 W
New Holland 53 42 N 0 21 W
Y G B A

North Killingholme 53 39 N 0 14 W
Y G C R

South Killingholme 53 38 N 0 12 W
P Q

Immingham 53 38 N 0 11 W
P Q Y G C R B T A

Grimsby 53 35 N 0 04 W
Y G C R B T A

Tetney Terminal 53 34 N 0 07 E
P B T A

River Witham — 16C
Boston 52 58 N 0 01 W
Y G C R B T A

River Welland
Fosdyke 52 52 N 0 02 W
River Nene
Sutton Bridge 52 46 N 0 12 E
Y G C B T A

Wisbech 52 39 N 0 09 E
Y G B T A

River Ouse
King's Lynn 52 45 N 0 24 E
P Q Y G C R B T A

Snettisham 52 53 N 0 30 E
Wells 52 58 N 0 51 E
Cromer 52 56 N 1 18 E
Caister 52 38 N 1 43 E
River Yare — 16D
Great Yarmouth 52 36 N 1 44 E
P Y G C R B D T A

Reedham 52 33 N 1 34 E
Cantley 52 34 N 1 32 E
Norwich 52 38 N 1 17 E
Gorleston 52 35 N 1 44 E
River Waveney
Lowestoft 52 28 N 1 45 E
Y G C B D T A

Oulton Broad 52 29 N 1 44 E
Southwold 52 20 N 1 41 E
Aldeburgh 52 09 N 1 36 E
River Alde
Orford Haven 52 05 N 1 32 E
Snape Bridge 52 09 N 1 30 E
Bawdsey 52 01 N 1 25 E
River Deben
Woodbridge 52 05 N 1 19 E

Felixstowe 51 57 N 1 19 E — 17A
P Q Y G C R B T A

River Orwell
Butterman's Bay 52 00 N 1 14 E
Pinmill 52 00 N 1 13 E
Ipswich 52 03 N 1 10 E
P Y G C R B T A

River Stour
Manningtree 51 57 N 1 04 E
Mistley 51 57 N 1 05 E
Y G A

Parkeston Quay 51 57 N 1 15 E
Harwich 51 57 N 1 17 E
P Y G C R B A

Great Oakley 51 54 N 1 15 E
The Naze 51 52 N 1 17 E
River Colne
Brightlingsea 51 47 N 1 02 E
Y G B T A

Wivenhoe 51 52 N 0 57 E — 17B
Colchester 51 53 N 0 55 E
Rowhedge 51 51 N 0 57 E
Fingringhoe 51 50 N 0 58 E
Mersea Island 51 46 N 0 54 E
River Blackwater
Tollesbury 51 45 N 0 51 E
Heybridge 51 43 N 0 42 E
Maldon 51 44 N 0 40 E
G B A

Stansgate 51 43 N 0 47 E
Bradwell 51 45 N 0 53 E
River Crouch
Burnham on Crouch 51 37 N 0 49 E
Creeksea 51 37 N 0 47 E
Y G A

Battlesbridge 51 37 N 0 34 E
River Roach
Rochford 51 35 N 0 44 E
G A

FAROES (FAEROE) (Danish) — 17C

p.20/21

Suduroy
Hvalba 61 36 N 6 57 W
Tvoroyri 61 33 N 6 48 W
Q Y G C A

Trongisvagsfjordur 61 32 N 6 45 W
Drelnaes 61 32 N 6 48 W
Vagur 61 28 N 6 48 W
G

Sandoy
Sandsfjordur (Sans Vaag)
61 49 N 6 48 W
Skopun 61 54 N 6 52 W
Dalur 61 46 N 6 40 W
Vagar
Sandvagur 62 03 N 7 08 W
Midvagur 62 02 N 7 11 W
Sorvagur 62 05 N 7 25 W
Streymoy
Torshavn (Thorshavn) 62 00 N 6 45 W — 17D
P Y G C R B T A

Kollafjordur 62 07 N 6 54 W
Vestmanna 62 09 N 7 10 W
G

Streymnes 62 11 N 7 01 W
Hosvik 62 09 N 6 56 W
Eysturoy
Skalafjordur
Toftir 62 05 N 6 43 W
Runavik 62 06 N 6 43 W
Saltangara 62 07 N 6 42 W
Kongshavn 62 07 N 6 43 W
Skali 62 08 N 6 45 W
Nordskali 62 12 N 6 59 W
Strendur 62 07 N 6 45 W
Gota 62 11 N 6 42 W
Fuglafjordur 62 15 N 6 49 W
P Q Y G C R B T A

Bordoy
Klaksvik 62 14 N 6 35 W — 18A
G B A

ICELAND

Hornafjordur
Q Y G C B D T A

Hofn 64 16 N 15 13 W
Djupivogur 64 40 N 14 15 W
G

Breidhdalsvik 64 44 N 13 59 W
Stodhvarfjordur 64 50 N 13 50 W
G B A

Faskrudhsfjordur
P G B A

Budir 64 56 N 13 48 W
Reydharfjordur
Eskifjordur 65 05 N 13 59 W
G C B A

Budareyri 65 02 N 14 12 W — 18B
Nordfjordur
Neskaupstadur 65 09 N 13 41 W
P G C B A

Seydhisfjordur 65 15 N 13 55 W
P G C R B A

Njardhvik 65 35 N 13 51 W
Vopnafjordur 65 45 N 14 49 W
G

Bakkafjordur 66 03 N 14 45 W
Thorshofn 66 12 N 15 20 W
G

Raufarhofn 66 27 N 15 54 W
Kopasker 66 17 N 16 27 W
Husavik 66 03 N 17 22 W
P G C A

Eyjafjordur — 18C
Grenivik 65 58 N 18 12 W
G A

Svalbardhseyri 65 45 N 18 06 W
Akureyri 65 41 N 18 03 W
P Y G C B D T A

Krossanes 65 42 N 18 07 W
Hjalteyri 65 51 N 18 12 W
Dalvik 65 58 N 18 31 W
G A

Hrisey 66 02 N 18 25 W
Olafsfjordur 66 05 N 18 38 W
Siglufjordur 66 12 N 18 52 W
G B A

Hofsos 65 53 N 19 24 W
Grafaros 65 33 N 19 24 W
Saudarkrokur 65 45 N 19 36 W
Hofdhakaupstadur (Skagastrond)
65 50 N 20 19 W
Blonduos 65 40 N 20 18 W
Hvammstangi 65 24 N 20 57 W — 18D
B A

Bordeyri 65 13 N 21 09 W
Holmavik 65 42 N 21 41 W
Djupavik 65 57 N 21 34 W
Nordurfjordur 66 02 N 21 34 W
Hesteyri 66 21 N 22 51 W
Isafjordur 66 05 N 23 06 W
P G C B A

Bolungavik 66 10 N 23 14 W
G A

Sugandafjordur
Sudhureyri 66 08 N 23 32 W
Flateyri 66 03 N 23 29 W
Dyrafjord
Thingeyri 65 52 N 23 29 W
Bildudalur 65 41 N 23 36 W
Talknafjordur 65 37 N 23 49 W
Patrekshofn (Vatneyri) 65 35 N 23 59 W
Flatey 65 22 N 22 55 W

19A

Reykholar 65 27 N 22 13 W
Kroksfjardarnes 65 27 N 21 56 W
Stykkisholmur 65 04 N 22 41 W
Grundarfjordur 64 55 N 23 13 W

G										

Olafsvik 64 54 N 23 43 W
Hellissandur 64 54 N 23 54 W
Rifshofn 64 53 N 23 40 W
Sandur 64 55 N 23 49 W
Borgarnes 64 32 N 21 55 W
Akranes 64 19 N 22 05 W

Y	G	B	T	A						

Hvalfjordur
- Grundartangi 64 21 N 21 47 W

Y	B									

- Hvaleyri 64 20 N 21 44 W
- Hrafneyri 64 23 N 21 32 W
- Helguvik 64 23 N 21 28 W
- Midsandur 64 24 N 21 28 W

Gufunes 64 09 N 21 49 W

19B

Reykjavik 64 08 N 21 54 W

P	Q	Y	G	C	B	T	A			

Kopavogur 64 06 N 21 53 W
Gardabaer 64 04 N 21 56 W
Skerjafjordur
- Korsnes 64 07 N 21 54 W

Hafnarfjordur 64 04 N 21 55 W

P	Y	G	B	T	A					

Straumsvik 64 03 N 22 03 W

Q	Y	G	B	A						

Keflavik 64 00 N 22 33 W

G	T	B	A							

Sandgerdhi 64 03 N 22 43 W
Reykjanes 63 48 N 22 42 W
Grindavik 63 50 N 22 26 W

G										

Thorlakshofn 63 51 N 21 20 W

G										

19C

Eyrarbakki 63 52 N 21 09 W
Stokkseyri 63 50 N 21 05 W
Vestmannaeyjar 63 26 N 20 16 W

P	Y	G	C	B	T	A				

Dyrholaey 63 24 N 19 08 W

NORWAY

Varangerfjord
- Vestre Jakobselv 70 06 N 29 20 E
- Kirkenes 69 44 N 30 03 E

P	Y	G	R	B	D	T	A			

- Vadso 70 04 N 29 44 E

P	G	B	T	A						

Vardo 70 23 N 31 06 E

G	B	A								

19D

Batsfjord 70 38 N 29 44 E
Berlevaag 70 51 N 29 06 E
Mehamn 71 02 N 27 51 E
Nordkyn 71 08 N 27 39 E
Kjollefjord 70 57 N 27 21 E
Porsangerfjord
- Leirpollen 70 23 N 25 31 E
- Hamnbukt 70 06 N 25 07 E
- Billefjord 70 22 N 25 06 E
- Kistrand 70 26 N 25 12 E

Honningsvaag 70 59 N 25 59 E
North Cape (Nord Kapp) 71 10 N 25 46 E
Hjelmsoy 71 05 N 24 40 E
Hammerfest 70 40 N 23 40 E

P	Y	G	C	R	B	T	A			

Repparfjord 70 26 N 24 15 E
Soroy
- Finnfjord 70 49 N 23 05 E
- Kobbevag 70 30 N 22 08 E

Stjernoy
- Lillebukt 70 20 N 22 30 E

Komagfjord 70 16 N 23 23 E
Altafjord
- Elvebakken 69 55 N 23 25 E
- Bukta 69 59 N 23 18 E
- Alta 69 58 N 23 15 E
- Bossekop 69 59 N 23 15 E

Oksfjord 70 14 N 22 18 E
Bergsfjord 70 15 N 21 48 E
Skjervoy 70 02 N 21 00 E
Karlsoy 70 00 N 19 54 E
Vanna Island
- Buroysund 70 13 N 19 44 E

Lyngenfjord
- Kaafjord 69 35 N 20 31 E
- Kvesmenes 69 17 N 19 58 E
- Lyngseidet 69 34 N 20 13 E

Jovik 69 36 N 19 50 E
Tromso 69 39 N 18 58 E

P	Y	G	C	R	B	T	A			

Ramfjordnes 69 33 N 19 01 E
Balsfjord 69 19 N 19 21 E
Skaland 69 27 N 17 18 E
Grryllefjord 69 22 N 17 04 E
Gibostad 69 21 N 18 05 E
Finnsnes 69 14 N 17 58 E

20B

Oyjordneset 69 10 N 18 05 E
Sorreisa 69 08 N 18 08 E
Salangen 68 54 N 17 43 E
Sjovegan 68 53 N 17 50 E
Tovik 68 40 N 16 54 E
Vesteraalen
- Andenes 69 19 N 16 08 E
- Myre 69 05 N 15 57 E
- Sortland 68 42 N 15 26 E
- Stokmarknes 68 34 N 14 55 E
- Melbu 68 30 N 14 48 E
- Dyroy 68 49 N 14 49 E

Lofoten Islands
- Bergneset 68 48 N 16 00 E
- Borkenes 68 46 N 16 11 E
- Harstad 68 48 N 16 33 E

P	Y	G	C	R	B	D	A			

- Lodingen 68 25 N 16 00 E

G	C	R	B	A						

- Trollfjord 68 22 N 14 59 E
- Digermulen 68 18 N 15 01 E
- Brettesnes 68 14 N 14 52 E
- Svolvaer 68 14 N 14 34 E

20C

P	Y	G	R	B	A					

- Kabelvaag 68 13 N 14 30 E
- Henningsvaer 68 09 N 14 13 E
- Stamsund 68 07 N 13 51 E
- Gravdal 68 07 N 13 33 E
- Ballstad 68 04 N 13 32 E
- Nusfjord 68 02 N 13 21 E
- Rost 67 30 N 12 00 E
- Skomvaer 67 25 N 11 53 E

Ramsund 69 29 N 16 31 E
Ofotfjord
- Bogen 68 31 N 17 00 E
- Narvik 68 26 N 17 26 E

Y	G	C	R	B	T	A				

- Heklestrand 68 24 N 16 50 E
- Ballangen 68 22 N 16 56 E

Tysfjord
- Kjopsvik 68 05 N 16 23 E
- Drag 68 03 N 16 05 E
- Korsnes 68 15 N 16 04 E

20D

Tranoy 68 11 N 15 40 E
Innhavet 67 58 N 15 56 E
Sorfolla
- Djupvik 67 22 N 15 34 E
- Hammerfall 67 25 N 15 32 E

Saltfjord
- Bodo 67 17 N 14 23 E

P	G	C	R	B	T	A				

- Kvalvaag 67 18 N 14 40 E
- Fauske 67 15 N 15 23 E
- Finneid 67 15 N 15 24 E
- Saltdal 67 05 N 15 30 E
- Rognan 67 05 N 15 22 E

Marnes 67 08 N 14 05 E
Gildeskal 67 04 N 14 03 E
Glomfjord 66 49 N 13 37 E

Q	Y	G	B							

Meloyvaer 66 50 N 13 17 E
Halsa 66 45 N 13 34 E
Ranafjord
- Vikholmen 66 12 N 12 58 E
- Nesna 66 12 N 13 01 E
- Utskarpen 66 08 N 13 27 E
- Bosmo 66 20 N 14 07 E
- Gullsmedvik 66 20 N 14 09 E
- Mo i Rana 66 19 N 14 08 E

Y	G	C	R	B	T	A				

- Andfiskaa 66 17 N 14 06 E
- Hemnesberget 66 13 N 13 36 E

Fagervika 66 07 N 12 51 E
Sandnessjoen 66 01 N 12 38 E
Sovik 65 55 N 12 26 E
Alstahaug 65 54 N 12 23 E
Mosjoen 65 50 N 13 11 E

P	Y	G	B	T	A					

Hommelsto 65 32 N 12 20 E
Bronnoysund 65 28 N 12 13 E
Kolvereid 64 53 N 11 35 E
Rorvik 64 52 N 11 16 E
Ottersoy 64 51 N 11 17 E
Kongsmoen 64 53 N 12 26 E
Follafjord
- Abelvaer 64 44 N 11 10 E
- Opploygfjord 64 48 N 11 52 E
- Salsbruket 64 48 N 11 53 E

Namsenfjord
- Vik 64 31 N 11 17 E
- Namsos 64 28 N 11 30 E

P	Y	G	B	T	A					

- Bangsund 64 24 N 11 23 E
- Statland 64 30 N 11 09 E

Lauvsnes 64 30 N 10 54 E
Haltenoy 64 10 N 9 25 E
Stokksund 64 02 N 10 02 E p.24/25
Lysoysund 63 53 N 9 53 E
Uthaug 63 44 N 9 36 E
Bjugn 63 46 N 9 44 E
Brekstad 63 41 N 9 40 E
Trondheimsfjord
- Ronningen 63 42 N 10 35 E
- Follafoss 63 59 N 11 06 E
- Malm 64 04 N 11 13 E

Y	G									

21C

- Eggebogen 64 00 N 11 28 E
- Steinkjer 64 01 N 11 30 E

P	Y	G	B	A						

- Hylla 63 50 N 11 24 E
- Trones 63 49 N 11 26 E
- Verdal 63 47 N 11 26 E
- Levanger 63 45 N 11 18 E
- Fiborgtangen 63 43 N 11 10 E
- Langstein 63 33 N 10 55 E
- Stjordal 63 27 N 10 53 E
- Muruvik 63 26 N 10 51 E
- Hommelvik 63 25 N 10 48 E
- Malvik 63 25 N 10 38 E
- Trondheim 63 26 N 10 24 E

P	Q	Y	G	C	R	B	D	T	A	

- Buvika 63 19 N 10 11 E
- Thamshavn 63 20 N 9 52 E
- Orkanger 63 19 N 9 51 E

Y	G	B	A							

- Agdenes 63 39 N 9 45 E

Tjeldbergodden 63 25 N 8 42 E
Hitra Island
- Hestvika 63 34 N 9 11 E
- Sandstad 63 31 N 9 04 E
- Forsnes 63 26 N 8 25 E

Hemnefjord
- Kyrksaetrora 63 17 N 9 05 E
- Holla 63 17 N 9 07 E

Mjosund 63 14 N 8 30 E
Glaerem 63 01 N 8 31 E
Aarnes 62 58 N 8 30 E
Kvisvik 63 05 N 7 57 E
Sunndalsfjord
- Tingvoll 62 55 N 8 12 E
- Sunndalsora 62 41 N 8 36 E

Q	Y	G	B							

- Raudsand (Rausand) 62 50 N 8 06 E

Kristiansund 63 07 N 7 44 E

Y	G	C	R	B	T	A				

Elnesvagen 62 51 N 7 09 E
Hustad 62 57 N 7 06 E
Bud 62 54 N 6 54 E

P Petroleum **Q** Other Liquid Bulk **Y** Dry Bulk **G** General Cargo
C Containers **R** Ro-Ro **B** Bunkers **D** Dry Dock **T** Towage
A Airport (within 100km)

NORWAY *continued*

22A

Aukra 62 47 N 6 58 E
Midsund 62 42 N 6 42 E
Molde 62 44 N 7 10 E

P	Y	G	C	R	B	A				

Hjelset 62 46 N 7 30 E
Romsdalsfjord
  Aandalsnes 62 34 N 7 41 E
Vestnes 62 38 N 7 04 E
Tomrefjord
  Tomra 62 34 N 6 55 E
  Fiksdal 62 37 N 6 52 E
Spjelkavik 62 27 N 6 22 E
Fiskarstranda 62 26 N 6 16 E
Humblen 62 26 N 6 18 E
More 62 28 N 6 09 E
Aalesund 62 28 N 6 10 E

P	G	C	R	B	T	A				

Storfjord
  Merok 62 06 N 7 13 E
  Hellesylt 62 05 N 6 53 E
  Oye 62 12 N 6 40 E
  Geiranger 62 06 N 7 13 E
  Norddal 62 15 N 7 15 E
  Solevaag 62 24 N 6 20 E
  Tafjord
    Fjora 62 18 N 7 21 E
  Sykkylven 62 23 N 6 35 E
  Ikornnes 62 23 N 6 31 E
  Festoy 62 22 N 6 20 E
Hjorungavaag 62 21 N 6 05 E
Hareid 62 22 N 6 02 E
Ulsteinvik 62 21 N 5 51 E
Fosnavaag 62 21 N 5 38 E
Eggesbones 62 19 N 5 39 E
Moltustranda 62 18 N 5 39 E
Gursken 62 14 N 5 33 E
Gurskebotn 62 13 N 5 39 E
Larsnes 62 12 N 5 39 E
Volda 62 09 N 6 04 E
Voksa 62 14 N 5 27 E
Haugsholmen 62 10 N 5 24 E
Aaheim 62 03 N 5 31 E
Selje 62 03 N 5 22 E
Vaagsoy
  Maaloy 61 55 N 5 07 E

G	C	R	B	A						

  Raudeberg 61 59 N 5 06 E
Deknepoll 61 55 N 5 08 N
Nordfjord
  Bryggja 61 56 N 5 25 E
  Loen 61 52 N 6 51 E
  Stryn 61 55 N 6 44 E
  Olden 61 50 N 6 49 E
  Sandane 61 46 N 6 13 E
  Davika 61 53 N 5 33 E
Bremanger
  Haugsvik 61 50 N 5 00 E
Svelgen 61 46 N 5 18 E

Y	G	A								

Kalvaag 61 46 N 4 53 E
Floro 61 36 N 5 02 E

P	Q	Y	G	C	R	B	T	A		

Eikefjord 61 36 N 5 28 E
Fordefjord
  Naustdal 61 31 N 5 43 N
  Forde 61 27 N 5 51 E
Askvoll 61 21 N 5 04 E
Dalsfjord
  Holmedal 61 21 N 5 11 E
  Bygstad 61 23 N 5 40 E
Risnes 61 09 N 5 10 E
Steinsund 61 05 N 4 49 E
Utvaer 61 02 N 4 31 E
Sognefjord
  Vadheim 61 12 N 5 49 E
  Hoyanger 61 13 N 6 04 E

Y	G	A								

  Balholm 61 13 N 6 32 E
  Balestrand 61 14 N 6 33 E
  Mundal 61 24 N 6 45 E
  Sogndal 61 14 N 7 06 E
  Ofredal 61 12 N 7 31 E
  Skjolden 61 29 N 7 36 E

22B

22C

22D

Aardalstangen 61 14 N 7 42 E

P	Y	G	B	A						

Laerdalsoyri 61 06 N 7 29 E
Revsnes 61 09 N 7 16 E
Flaam 60 50 N 7 08 E
Undredal 60 57 N 7 06 E
Gudvangen 60 52 N 6 50 E
Dyrdal 60 57 N 6 56 E
Vik 61 05 N 6 35 E
Bjordal 61 04 N 5 48 E
Fensfjord
  Halsvik 60 50 N 5 05 E
  Masfjorden 60 47 N 5 17 E
  Elvik 60 45 N 5 17 E
  Natas 60 43 N 5 18 E
Mongstad 60 49 N 5 02 E

P	Q	Y	G	R	B	T	A			

Eikefet 60 42 N 5 33 E
Fedje 60 45 N 4 44 E
Sture 60 37 N 4 51 E

P	Q	T	A							

Kollsnes 60 34 N 4 50 E
Tyssebotn 60 37 N 5 35 E
Vaksdal 60 29 N 5 45 E
Garnes 60 26 N 5 29 E
Florvaag 60 27 N 5 13 E
Skaalevik 60 22 N 5 13 E
Sandvik 60 25 N 5 19 E
Bergen 60 24 N 5 19 E

P	Q	Y	G	C	R	B	D	T	A	

Puddefjord
  Laksevaag 60 23 N 5 18 E
Knarrevik 60 22 N 5 10 E
Dolvik 60 19 N 5 15 E
Hilleren 60 10 N 5 05 E
Store Sotra
  Aagotnes 60 24 N 5 01 E

Q	Y	G	C	R	B	A				

  Telavag 60 15 N 5 00 E
  Goltaosen 60 13 N 5 01 E
Austevoll 60 06 N 5 15 E
Fusa 60 12 N 5 37 E
Bjornefjord
  Saevareid 60 11 N 5 46 E
Selbjornfjord
  Selbjornen
    Bekkjarvik 60 00 N 5 13 E
    Salthella 60 00 N 5 07 E
  Nordveitgrend 60 06 N 5 44 E
Stordoy
  Stord 59 47 N 5 31 E
  Leirvik 59 46 N 5 31 E

Y	G	C	R	B	T	A				

  Sagvaag 59 46 N 5 23 E
Hardangerfjord
  Mundheim 60 10 N 5 55 E
  Norheimsund 60 22 N 6 09 E
  Oystese 60 23 N 6 13 E
  Aalvik 60 26 N 6 24 E
  Eide 60 31 N 6 43 E
  Ulvik 60 34 N 6 55 E
  Eidfjord 60 28 N 7 04 E
  Tyssedal 60 07 N 6 34 E
  Odda 60 04 N 6 33 E

Q	Y	G	C	R	B					

  Eitrheim 60 06 N 6 32 E
  Utne 60 25 N 6 38 E
  Lofallstrand 60 01 N 6 00 E
  Rosendal 59 59 N 6 01 E
  Uskedal 59 56 N 5 53 E
  Heroysund 59 55 N 5 47 E
Husnes 59 52 N 5 46 E

Y	G	A								

Aakrafjord
  Aakra 59 47 N 6 06 E
  Skaanevik 59 45 N 5 56 E
Halsnoy
  Hoylandsbygdi 59 47 N 5 48 E
Fjelberg 59 44 N 5 43 E
Etne 59 40 N 5 57 E
Olen 59 36 N 5 50 E
Valevaag 59 42 N 5 30 E
Bomlo
  Mosterhamn 59 42 N 5 24 E
  Espevaer 59 35 N 5 09 E

23A

23B

23C

23D

Molstrevag 59 31 N 5 16 E
Haugesund 59 25 N 5 16 E

P	Y	G	C	R	B	D	T	A		

Storasund 59 23 N 5 16 E
Borgoen 59 21 N 5 40 E
Utsira 59 18 N 4 53 E
Karmoy
  Vigsnes 59 24 N 5 08 E
  Aakrehamn 59 15 N 5 10 E
  Avaldsnes 59 21 N 5 17 E
  Haavik 59 19 N 5 19 E

Y	G	C	R	B	A					

  Kopervik 59 17 N 5 18 E

P	G	T	A							

  Skudeneshavn 59 08 N 5 16 E

G	R	B	D	T	A					

  Avaldsnes 59 21 N 5 16 E
Foresvik 59 13 N 5 26 E
Kaarsto 59 16 N 5 32 E

P	Q	T	A							

Espevik 59 20 N 5 41 E

Y	G	A								

Vats 59 29 N 5 45 E
Sauda 59 39 N 6 21 E

Y	G	C	R							

Vanvik 59 33 N 6 23 E
Sand 59 29 N 6 15 E
Jelsa 59 20 N 6 02 E
Hjelmeland 59 13 N 6 10 E
Tau 59 04 N 5 56 E
Jorpeland 59 01 N 6 03 E
Dirdal 58 49 N 6 11 E
Oltesvik 58 51 N 6 06 E
Sandnes 58 51 N 5 45 E

Y	G	R	B	A						

Forus 58 53 N 5 43 E
Fiskeneset 58 53 N 5 45 E
Stavanger 58 58 N 5 44 E

P	Y	G	C	R	B	T	A			

Sola 58 55 N 5 34 E

P	Y	G	C	R	A					

Hvidingso 59 04 N 5 24 E
Tananger 58 56 N 5 35 E
Obrestad 58 39 N 5 34 E
Egersund 58 27 N 6 00 E

Y	G	C	R	B	T	A				

Rekefjord 58 20 N 6 16 E
Jossingfjord 58 19 N 6 20 E
Flekkefjord 58 18 N 6 40 E

G	R	D	A							

Kvinesdal 58 18 N 7 00 E
Leirvik 58 16 N 6 53 E
Feda 58 16 N 6 49 E
Abelsnes 58 14 N 6 39 E
Eidsfjord
  Pollen 58 10 N 6 43 E
Farsund 58 06 N 6 49 E

Y	G	B	T	A						

Rosfjord 58 03 N 6 59 E
Lyngdal 58 08 N 7 02 E
Helvig 58 06 N 6 45 E
Gronsfjord 58 01 N 7 02 E
Agnefest 58 07 N 7 03 E
Lindesnes 57 59 N 7 03 E
Lindesneshalvoya 58 03 N 7 09 E
Hattholmen 58 00 N 7 27 E
Mandal 58 02 N 7 28 E

G	C	R	B	T	A					

Kleven 58 01 N 7 29 E
Ryvingen 57 58 N 7 30 E
Sogne 58 05 N 7 47 E
Ny Hellesund 58 03 N 7 51 E
Flekkeroy 58 06 N 7 59 E
Fiskaa 58 07 N 7 58 E
Kristiansand 58 09 N 8 00 E

Y	G	C	R	B	D	T	A			

Aalefjaer 58 14 N 8 02 E
Hoivaag 58 10 N 8 15 E

24A

24B

24C

24D

25A

Fossbekk 58 14 N 8 23 E
Lillesand 58 15 N 8 23 E

Y	G	B	A							

Kalvild 58 16 N 8 26 E
Grimstad 58 20 N 8 36 E

G	C	R	A							

Fevik 58 22 N 8 41 E
Arendal 58 28 N 8 46 E

Y	G	R	B	T	A					

Tromoy 58 28 N 8 54 E
Eydehamn 58 30 N 8 53 E
Kilsund 58 33 N 8 59 E
Tvedestrand 58 38 N 8 56 E
Sandvik 58 34 N 9 01 E
Dybvaag 58 37 N 9 04 E
Lyngor 58 38 N 9 08 E
Gjevingstangholmen 58 39 N 9 08 E
Risor 58 43 N 9 14 E

G										

25B

Krana 58 44 N 9 14 E
Sondeled 58 43 N 9 12 E
Portor 58 48 N 9 26 E
Rorvik 58 52 N 9 23 E
Kragero 58 52 N 9 25 E

Y	G	B	T							

Fossing 58 56 N 9 29 E
Asvall 59 01 N 9 36 E
Langesundsfjord
Langesund 59 00 N 9 45 E
Brevikfjord
Stathelle 59 02 N 9 42 E
Herre 59 06 N 9 32 E
Frierfjord
Bamble 59 01 N 9 40 E

G	C	A								

Rafnes 59 06 N 9 36 E
River Skien
Heroya 59 06 N 9 38 E
Porsgrunn 59 08 N 9 39 E

P	Q	Y	G	R	B	D	T	A		

25C

Borgestad 59 09 N 9 39 E
Menstad 59 10 N 9 39 E
Nenseth 59 10 N 9 38 E
Waterloo 59 10 N 9 37 E
Bole 59 11 N 9 38 E
Skien 59 12 N 9 37 E

G	C	R	B	T	A					

Brevik 59 03 N 9 43 E
Trosvik 59 03 N 9 42 E
Dalen 59 04 N 9 42 E
Nystrand 59 06 N 9 43 E
Langangen 59 05 N 9 48 E
Larvik 59 03 N 10 02 E

P	Y	G	C	R	B	A				

Sandefjord 59 08 N 10 14 E

P	Q	G	R	B	T	A				

Oslofjord
Faerder 59 02 N 10 32 E
Tonsbergfjord

25D

Tjome 59 06 N 10 23 E
Vrengen 59 10 N 10 24 E
Melsomvik 59 13 N 10 21 E
Tonsberg 59 16 N 10 25 E

Y	G	C	R	B	T	A				

Husoy 59 14 N 10 28 E
Valloy 59 16 N 10 30 E
Slagen 59 19 N 10 32 E

P	Q	B	T	A						

Horten 59 25 N 10 30 E

G	C	R	B	D	A					

Langoya 59 30 N 10 22 E
Holmestrand 59 32 N 10 16 E

G	R	B	T	A						

Sande 59 35 N 10 15 E
Dramsfjord
Svelvik 59 37 N 10 25 E

G	B	A								

26A

Drammen 59 44 N 10 14 E

P	Q	Y	G	C	R	B	D	T	A	

Gilhus 59 45 N 10 16 E
Gullaug 59 44 N 10 17 E
Hurumlandet 59 37 N 10 27 E
Sagene 59 32 N 10 32 E
Tofte 59 33 N 10 35 E
Filtvet 59 34 N 10 37 E
Halvorshavn 59 35 N 10 37 E
Verpen 59 40 N 10 35 E
Engene 59 41 N 10 33 E
Saetrepollen 59 41 N 10 32 E
Naersnes 59 46 N 10 31 E
Slemmestad 59 47 N 10 30 E
Leangen 59 50 N 10 29 E
Sandvika 59 53 N 10 32 E
Lysaker 59 55 N 10 38 E
Oslo 59 54 N 10 43 E

P	Y	G	C	R	B	T	A			

Steilene 59 49 N 10 37 E
Granerudstoa 59 47 N 10 36 E
Fagerstrand 59 44 N 10 36 E

26B

P	T	A								

Digerudgrunnen 59 43 N 10 35 E
Drobak 59 39 N 10 38 E
Son (Soon) 59 32 N 10 42 E
Kambo 59 29 N 10 42 E
Moss 59 26 N 10 40 E

P	Y	G	C	R	T	A				

Mellos 59 25 N 10 40 E
Larkollen 59 19 N 10 41 E
Glomma River
Borg Harbour 59 12 N 10 57 E

P	Q	Y	G	C	R	B	T			

Fredrikstad 59 12 N 10 58 E
Greaker 59 16 N 11 02 E
Sannesund 59 16 N 11 06 E
Sarpsborg 59 16 N 11 06 E
Selbak 59 13 N 11 00 E
Bolingshavn 59 03 N 11 01 E
Herfol 59 00 N 11 03 E
Torsokilen 59 10 N 11 05 E

26C

Iddefjord
Slottet 59 07 N 11 23 E
Halden 59 07 N 11 22 E

Y	G	C	B	T						

Holm 59 06 N 11 23 E
Hov 59 05 N 11 24 E
Torp 59 04 N 11 25 E
Ystehedkilen 59 04 N 11 26 E
Fagerholt 59 03 N 11 26 E
Ostdalen 59 02 N 11 26 E
Liholt 59 02 N 11 27 E
Aarebakken 59 01 N 11 27 E

SWEDEN

Krokstrand 59 00 N 11 27 E
Dynekilen 59 00 N 11 14 E
Stromstad 58 56 N 11 10 E
Grebbestad 58 41 N 11 15 E
Fjallbacka 58 36 N 11 17 E
Hamburgsund 58 34 N 11 15 E
Heestrand 58 31 N 11 16 E

26D

Bovallstrand 58 29 N 11 20 E
Ulebergshamn 58 28 N 11 18 E
Hunnebostrand 58 26 N 11 18 E
Ramsvik 58 26 N 11 16 E
Smogen 58 21 N 11 14 E
Gravarne 58 22 N 11 15 E
Kungshamn 58 22 N 11 14 E
Rorvik 58 22 N 11 21 E
Stensjo 58 24 N 11 24 E
Fagelvik 58 22 N 11 23 E
Ryxo (Rixo) 58 22 N 11 26 E
Brofjorden 58 20 N 11 23 E

P	Q	B	T							

Lysekil 58 16 N 11 26 E

Y	G	C	B	A						

Munkedalhamn 58 26 N 11 40 E
Saltkallan 58 27 N 11 41 E
Skredsvik 58 23 N 11 39 E
Fiskebackskil 58 15 N 11 28 E
Mollosund 58 04 N 11 29 E

27A

Uddevalla 58 21 N 11 55 E

P	Y	G	C	R	B	T	A			

Henan 58 14 N 11 40 E
Stenungsund 58 05 N 11 49 E

P	Q	Y	B	A						

Tjorn Island
Wallhamn 58 00 N 11 42 E

Y	G	C	R	B	T	A				

Ronnang 58 05 N 11 40 E
Mossholmen 57 57 N 11 34 E
Skarhamn 57 59 N 11 33 E
Marstrand 57 53 N 11 35 E
Kungalv 57 52 N 12 00 E
Vinga 57 38 N 11 37 E
Rivofjord 57 40 N 11 48 E
Hjartholmen 57 41 N 11 48 E
Gothenburg (Goteborg) 57 42 N 11 57 E

P	Q	Y	G	C	R	B	D	T	A	

Ockero 57 43 N 11 38 E
Gota Alv

27B

Agnesberg 57 47 N 12 00 E
Surte 57 50 N 12 01 E
Bohus 57 51 N 12 02 E
Nol 57 56 N 12 08 E
Lodose 58 02 N 12 09 E
Gota 58 06 N 12 09 E
Trollhatte Canal
Trollhattan 58 17 N 12 17 E
Stallbacka 58 18 N 12 18 E
Vargon 58 21 N 12 23 E
Lake Vanern
Vanersborg 58 23 N 12 20 E

Y	G	B	A							

Kopmannebro 58 46 N 12 31 E
Amal 59 03 N 12 43 E
Spesshult 59 04 N 12 55 E
Krokstad 59 06 N 12 55 E
Saffle 59 08 N 12 56 E
Arvika 59 40 N 12 35 E
Kyrkebyn 59 16 N 13 04 E
Slottsbron 59 20 N 13 06 E
Gruvon 59 20 N 13 07 E

27C

Norsbron 59 25 N 13 14 E
Edsvalla 59 26 N 13 14 E
Hoglunda 59 25 N 13 15 E
Aelvenaes 59 22 N 13 11 E
Skoghall 59 19 N 13 27 E
Karlstad 59 23 N 13 31 E

P	Y	G	C	R	B	T	A			

Skattkarr 59 25 N 13 42 E
Kristinehamn 59 19 N 14 07 E

P	Q	Y	G	B	T	A				

Otterbacken 58 57 N 14 03 E

P	Y	G	B	T	A					

Sjotorp 58 50 N 14 00 E
Mariestad 58 43 N 13 50 E

G	B	T								

Hallekis 58 40 N 13 25 E
Honsater 58 38 N 13 27 E
Lidkoping 58 30 N 13 10 E

27D

G	B	T	A							

Gota Canal
Lake Vattern
Jonkoping 57 46 N 14 10 E
Fiskeback 57 52 N 14 06 E
Motala 58 32 N 15 04 E
Askersund 58 52 N 14 55 E
Olshammar 58 45 N 14 50 E
Hjo 58 17 N 14 07 E
Saro 57 30 N 11 56 E
Onsala 57 25 N 12 00 E
Kungsbacka 57 29 N 12 05 E
Varberg 57 06 N 12 15 E

P	Y	G	C	R	B	T				

Traslovslage 57 03 N 12 16 E
Falkenberg 56 53 N 12 30 E

Y	G	C	R	B	D	A				

Halmstad 56 40 N 12 51 E

P	Q	Y	G	C	R	B	T	A		

Bastad 56 25 N 12 50 E

GEOGRAPHIC INDEX

P Petroleum **Q** Other Liquid Bulk **Y** Dry Bulk **G** General Cargo
C Containers **R** Ro-Ro **B** Bunkers **D** Dry Dock **T** Towage
A Airport (within 100km)

SWEDEN *continued*

28A

Torekov 56 25 N 12 37 E
Angelholm 56 15 N 12 52 E
Jonstorp 56 14 N 12 40 E
Arildslage 56 16 N 12 35 E
Molle 56 17 N 12 30 E
Nyhamn 56 15 N 12 34 E
Hoganas 56 12 N 12 33 E

P Y G A

Helsingborg 56 03 N 12 41 E

P Q Y G C R B D T A

Kopparverkshamn 56 01 N 12 43 E
Raa 55 59 N 12 45 E
Ven Island
  Backviken 55 54 N 12 43 E
Borstahusen 55 54 N 12 48 E
Landskrona 55 52 N 12 50 E

Q Y G B D T A

Barsebackshamn 55 45 N 12 54 E
Lomma 55 41 N 13 04 E
Malmo 55 37 N 13 00 E

28B

P Q Y G C R B D T A

Limhamn 55 35 N 12 56 E
Klagshamn 55 31 N 12 53 E
Falsterbo 55 25 N 12 50 E
Trelleborg 55 22 N 13 09 E

P G R B T A

Smygehuk 55 20 N 13 21 E
Ystad 55 26 N 13 50 E

Q Y G R B T A

Kaaseberga 55 23 N 14 04 E
Sandhammaren 55 23 N 14 12 E
Skillinge 55 28 N 14 17 E
Brantevik 55 31 N 14 21 E
Simrishamn 55 33 N 14 22 E
Baskemolla 55 36 N 14 19 E
Kivik 55 41 N 14 14 E
Ahus 55 56 N 14 19 E

Y G C R A

Solvesborg 56 03 N 14 35 E

28C

P Q Y G C R B T A

Hallevik 56 01 N 14 43 E
Pukavik 56 09 N 14 41 E
Elleholm 56 10 N 14 44 E
Karlshall 56 09 N 14 40 E
Karlshamn 56 10 N 14 52 E

P Q Y G C R B T A

Tarno 56 07 N 14 58 E
Jarnavik 56 11 N 15 05 E
Ronneby 56 10 N 15 18 E

G B A

Torko 56 09 N 15 24 E
Karlskrona 56 10 N 15 36 E

P G R B D T A

Sturko 56 05 N 15 42 E
Torhamn 56 06 N 15 49 E
Bergkvara 56 23 N 16 05 E

Y G B T A

Kalmar 56 40 N 16 22 E

28D

P Q Y G C R B T A

Pataholm 56 55 N 16 26 E
Timmernabben (Tillingenabben)
56 58 N 16 26 E
Monsteras 57 02 N 16 28 E
Paaskallavik 57 10 N 16 28 E
Vanevik 57 12 N 16 27 E
Oskarshamn 57 16 N 16 27 E

P Y G C R B D T A

Virbodraget 57 19 N 16 34 E
Figeholm 57 22 N 16 34 E
Simpevarp 57 25 N 16 40 E
Oland Island
  Sandviken 57 04 N 16 52 E
  Borgholm 56 53 N 16 39 E
  Farjestaden 56 39 N 16 28 E
  Morbylanga 56 32 N 16 22 E

Degerhamn 56 21 N 16 25 E

29A

P Y B A

Gronhogen 56 16 N 16 24 E
Nasby 56 35 N 16 41 E
Boda 57 14 N 17 05 E
Grankullaviken 57 21 N 17 06 E
Gotland Island
  Visby 57 39 N 18 17 E

P Y G R B A

Klintehamn 57 23 N 18 12 E

Y G B A

Burgsvik 57 02 N 18 16 E
Ronehamn 57 10 N 18 32 E
Ljugarn 57 20 N 18 43 E
Slite 57 42 N 18 49 E

Y G R B A

Rutehamn 57 47 N 18 57 E
St. Olofsholm 57 43 N 18 55 E
Smojen 57 44 N 18 57 E
Kyllej 57 45 N 18 57 E
Furillen 57 46 N 19 00 E
Bungenas 57 49 N 19 05 E
Farosund 57 52 N 19 04 E
Straa 57 54 N 19 02 E
Ar 57 55 N 18 57 E
Blase 57 55 N 18 50 E
Storugns 57 50 N 18 48 E

29B

Y G A

  Kappelshamn 57 51 N 18 47 E
Blankaholm 57 35 N 16 32 E
Gunnebo 57 43 N 16 33 E
Verkeback 57 44 N 16 32 E
Vestervik (Vastervik) 57 45 N 16 39 E

G R T

Almvik 57 50 N 16 28 E
Gamleby 57 54 N 16 25 E
Kallvik 57 53 N 16 43 E
Helgenas 58 00 N 16 30 E
Valdemarsvik 58 12 N 16 36 E
Orrfjarden 58 16 N 16 42 E
Sankt Anna 58 20 N 16 42 E
Gota Canal
  Soderkoping 58 29 N 16 20 E
  Mem 58 29 N 16 25 E

29C

G D

Arkosund 58 29 N 16 57 E
Braviken
  Norrkoping 58 36 N 16 12 E

P Y G C R B T A

  Djuron 58 38 N 16 20 E
  Sandviken 58 40 N 16 24 E
  Navekvarn 58 38 N 16 48 E
Marsviken 58 40 N 16 57 E
Oxelosund 58 40 N 17 07 E

P Q Y G C R A

Nykoping 58 45 N 17 01 E

G R B T

Studsvik 58 45 N 17 17 E
Sodertalje 59 11 N 17 39 E

P Q Y G C R A

Igelstaviken 59 12 N 17 38 E
Lake Malaren
  Strangnas 59 23 N 17 02 E
  Stallarholmen 59 20 N 17 15 E
  Torshalla 59 26 N 16 29 E
  Eskilstuna 58 22 N 16 01 E
  Arboga 59 26 N 15 51 E
  Kungsor 59 26 N 16 06 E
  Orebro 59 17 N 15 11 E
  Koping 59 31 N 16 00 E

29D

P Q Y G C B T A

  Vesteras (Vasteras) 59 36 N 16 33 E

P Y G C B T A

  Enkoping 59 28 N 17 05 E
  Kalmarsand 59 32 N 17 31 E
  Balsta 59 33 N 17 33 E
  Uppsala 59 52 N 17 39 E
  Sigtuna 59 37 N 17 44 E
Kagghamra 59 06 N 17 47 E
Oaxen 58 58 N 17 43 E

Stora Vika 58 56 N 17 47 E
Nynashamn 58 54 N 17 57 E

30A

P G R A

Dalaro 59 08 N 18 25 E
Gustavsberg 59 20 N 18 23 E
Tollare 59 18 N 18 14 E
Gaddviken 59 19 N 18 08 E
Stockholm 59 19 N 18 03 E

P Q Y G C R B A

Maryvik 59 19 N 18 02 E
Arstadalshamnen 59 18 N 18 02 E
Liljeholmsviken 59 19 N 18 00 E
Fittja 59 14 N 17 51 E
Hasselby 59 22 N 17 49 E
Loudden 59 20 N 18 08 E
Stocksund 59 23 N 18 03 E
Vartahamnen 59 21 N 18 11 E
Vaxholm 59 23 N 18 20 E
Ytterby 59 26 N 18 21 E
Flaxenvik 59 28 N 18 24 E
Idsatravik 59 29 N 18 24 E
Hogmarso 59 39 N 18 51 E
Furusund 59 39 N 18 54 E
Kapellskar 59 43 N 19 00 E

30B

G R

Norrtalje 59 45 N 18 42 E
Arholma 59 51 N 19 06 E
Grisslehamn 60 06 N 18 49 E
Herrang 60 08 N 18 39 E
Hallstavik 60 03 N 18 36 E

P G R B T A

Hargshamn 60 10 N 18 29 E

Y G R B T A

Oregrund 60 20 N 18 27 E
Forsmark 60 25 N 18 12 E
Karlholm 60 31 N 17 38 E
Skutskar 60 39 N 17 24 E

G B

Karskar 60 41 N 17 17 E
Granudden 60 41 N 17 15 E
Gefle (Gavle) 60 40 N 17 10 E

30C

P Y G C R B T A

Norrsundet 60 56 N 17 09 E

Y G B T

Axmar 61 01 N 17 10 E
Axmarbruk 61 03 N 17 10 E
Vallvik 61 07 N 17 11 E
Stor Orrskar 61 12 N 17 10 E
Ljusne 61 13 N 17 08 E
Ala 61 13 N 17 10 E
Kallskar 61 15 N 17 12 E
Sandarne 61 16 N 17 11 E
Asbacka 61 17 N 17 09 E
Grundvik 61 18 N 17 08 E
Stugsund 61 18 N 17 07 E
Soderhamn 61 19 N 17 06 E

P Q Y G B T

Branthalls Redd 61 16 N 17 14 E
Ago 61 33 N 17 28 E
Iggesund 61 39 N 17 06 E

Q Y G R B T A

Hudiksvall 61 43 N 17 07 E

30D

P Q Y G C R B T A

Arnoviken 61 43 N 17 24 E
Arno 61 42 N 17 24 E
Stocka 61 54 N 17 20 E
Gnarp 62 02 N 17 26 E
Essvik 62 19 N 17 24 E
Svartvik 62 19 N 17 22 E
Stockvik 62 20 N 17 22 E
Kubikenborg 62 23 N 17 20 E
Rosenborg 62 24 N 17 21 E
Sundsvall 62 25 N 17 20 E

P Q Y G C R B T A

Alno Island
  Ankarsvik 62 23 N 17 25 E
Ortviken 62 24 N 17 22 E
Tunadal 62 26 N 17 23 E
Johannedal 62 26 N 17 24 E
Sundsbruk 62 27 N 17 22 E
Skonvik 62 28 N 17 20 E

31A

Ostrand 62 29 N 17 20 E
Vivstavarv 62 30 N 17 22 E
Fagervik 62 30 N 17 24 E
Soraker 62 30 N 17 30 E
Hernosand (Harnosand) 62 38 N 17 56 E

P	Y	G	R	B	D	T	A			

Utansjo 62 46 N 17 56 E
Ramvik 62 49 N 17 52 E
Gustafsvik 62 50 N 17 52 E
Sprangsviken 62 51 N 17 53 E
Stromnas 62 53 N 17 52 E
Frano 62 55 N 17 51 E
Bjorknas 62 55 N 17 50 E
Kramfors 62 56 N 17 47 E
Sandviken 62 58 N 17 47 E
Dynas 62 58 N 17 45 E
Vaja 62 59 N 17 43 E
Bollsta 63 00 N 17 41 E
Nas 63 00 N 17 42 E
Nyland 63 00 N 17 46 E
Marieberg 63 00 N 17 48 E
Koja 62 58 N 17 50 E

31B

Hallstanas 62 55 N 17 54 E
Norrland 62 55 N 17 55 E
Lugnvik 62 55 N 17 56 E
Svanon 62 54 N 17 53 E
Sando 62 53 N 17 55 E
Dal 62 49 N 17 56 E
Norastrom 62 51 N 18 02 E
Bergkvistviken 62 49 N 18 06 E
Berghamn 62 49 N 18 15 E
Barstahamn 62 52 N 18 24 E
Salsaker 63 00 N 18 17 E
Ullanger 63 01 N 18 12 E
Askja 63 01 N 18 13 E
Docksta 63 03 N 18 20 E
Ulvohamn 63 01 N 18 39 E
Kopmanholmen 63 11 N 18 38 E
Hornskaten 63 13 N 18 53 E
Arnas 63 15 N 18 46 E
Domsjo 63 16 N 18 44 E
Horneborg 63 17 N 18 43 E
Ornskoldsvik 63 16 N 18 43 E

Q	G	C	R	B	T	A				

31C

Alne 63 16 N 18 46 E
Skagenshamn 63 13 N 19 02 E
Husum 63 20 N 19 09 E
Rundvik 63 32 N 19 27 E
Nordmaling (Notholmen) 63 34 N 19 29 E
Norrbyskar 63 33 N 19 53 E
Hornefors 63 37 N 19 54 E
Bredskar 63 40 N 20 19 E
Bredvik 63 41 N 20 18 E
Obbola 63 42 N 20 20 E
Umea 63 42 N 20 21 E

P	Y	G	R	B	A					

Sandvik 63 43 N 20 23 E
Djupvik 63 43 N 20 22 E
Holmsund 63 42 N 20 21 E
Ratan 64 00 N 20 54 E p.26
Sikea 64 08 N 20 59 E
Robertsfors 64 12 N 20 55 E
Gumbodahamn 64 13 N 21 05 E
Krakanger 64 13 N 21 15 E
Kallviken 64 20 N 21 22 E
Bjuroklubb 64 29 N 21 35 E

31D

Backfors 64 30 N 21 25 E
Burea 64 37 N 21 15 E
Orviken 64 40 N 21 13 E
Skelleftea 64 44 N 20 57 E

P	Q	Y	G	R	B	T	A			

Ursviken 64 42 N 21 11 E
Savenas 64 41 N 21 13 E
Skelleftehamn 64 41 N 21 15 E
Ronnskar 64 40 N 21 17 E
Kagefjarden
- Kage 64 50 N 21 02 E
- Storkage 64 50 N 21 01 E
- Frostkage 64 52 N 21 02 E

Furuogrund 64 55 N 21 14 E
Byske 64 57 N 21 11 E
Batvik 64 57 N 21 18 E
Brannfors 65 01 N 21 24 E
Storfors 65 18 N 21 23 E
Bergsviken 65 19 N 21 23 E
Pitea 65 19 N 21 30 E

32A

Haraholmen 65 14 N 21 38 E

P	Q	Y	G	R	B	T	A			

Lovholmen 65 18 N 21 29 E
Munksund 65 17 N 21 29 E
Skuthamn 65 16 N 21 31 E
Lulea 65 35 N 22 10 E

P	Y	G	R	B	T	A				

Torehamn 65 54 N 22 40 E
Torefors 65 53 N 22 41 E
Kalix 65 51 N 23 08 E

P	G	A								

Karlsborg 65 48 N 23 17 E
Axelsvik 65 46 N 23 23 E
Batskarsnas 65 47 N 23 25 E
Seskaro Island
- Granvik 65 45 N 23 45 E
- Sandvik 65 44 N 23 45 E

Salmis 65 48 N 24 01 E
Haparandahamn 65 46 N 23 54 E

FINLAND

32B

Tornio 65 51 N 24 09 E

Q	Y	G	C	B	A					

Roytta 65 46 N 24 09 E
Kemi 65 44 N 24 34 E

P	Y	G	R	B	T	A				

Veitsiluoto 65 42 N 24 37 E

G	C	R	B	T	A					

Ajos 65 40 N 24 34 E
Martinniemi 65 13 N 25 17 E
Haukipudas 65 11 N 25 21 E
Pateniemi 65 05 N 25 24 E
Toppila 65 02 N 25 26 E
Oulu 65 00 N 25 28 E

P	Q	Y	G	C	R	B	D	T	A	

Nuottasaari 65 00 N 25 25 E
Oritkarin Laituri 65 00 N 25 59 E
Raahe 64 41 N 24 29 E

P	Y	G	C	B	T	A				

32C

Lapaluoto 64 40 N 24 25 E
Kalajoki 64 15 N 23 56 E
Rahja 64 12 N 23 44 E
Kokkola 63 50 N 23 08 E

P	Q	Y	G	C	B	T	A			

Ykspihlaja 63 50 N 23 06 E
Leppaluoto 63 43 N 22 42 E
Alholmen 63 42 N 22 42 E
Pietarsaari (Jakobstad) 63 41 N 22 42 E

P	Y	G	R	T	A					

Uusikaarlepyy 63 31 N 22 32 E
Monas 63 28 N 22 19 E
Storonsund 63 25 N 22 16 E
Stora Granskar 63 20 N 22 17 E
Heplotsund 63 19 N 22 12 E
Bjorkholmssund 63 19 N 22 14 E
Hellnas 63 17 N 22 13 E
Lekmosund 63 16 N 21 56 E
Tottesund 63 14 N 21 58 E

32D

Gloskar 63 17 N 21 36 E
Maxmo 63 12 N 22 02 E
Aspskar 63 07 N 21 29 E
Vaasa (Vasa) 63 06 N 21 37 E

P	Y	G	R	B	T	A				

Vaskiluoto 63 05 N 21 32 E
Sillgrund 63 00 N 21 19 E
Bjorkskaren 62 55 N 21 13 E
Kaskinen (Kasko) 62 23 N 21 13 E

G	Y	A								

Koberget 62 21 N 21 13 E
Klobbskar 62 20 N 21 17 E
Kristiinankaupunki (Kristinestad)
62 16 N 21 19 E

P	Y	G	R	T	A					

Bobergshamn 62 09 N 21 22 E
Risby 61 57 N 21 26 E
Merikarvia 61 51 N 21 28 E
Antora 61 40 N 21 27 E
Tahkoluoto 61 38 N 21 25 E
Reposaari 61 37 N 21 27 E

33A

Kallo 61 36 N 21 27 E
Pori 61 29 N 21 48 E
Mantyluoto 61 35 N 21 30 E

P	Y	G	C	R	B	T	A			

Olkiluoto (Eurajoki) 61 15 N 21 30 E
Luvia 61 20 N 21 34 E
Kaunisaari 61 15 N 21 32 E
Rauma 61 08 N 21 30 E

P	Q	Y	G	C	R	B	D	T	A	

Pyharanta 60 57 N 21 27 E
Uusikaupunki 60 48 N 21 24 E

Q	Y	G	R	B	T	A				

Aland Islands
- Vardo 60 15 N 20 23 E
- Farjsundet 60 14 N 20 01 E
- Mariehamn 60 06 N 19 56 E

P	Y	G	R	B	D	A				

- Degerby 60 02 N 20 23 E
- Langnasudd 60 07 N 20 18 E
- Eckero 60 13 N 19 36 E

Naantali 60 28 N 22 01 E

33B

P	Q	Y	G	R	B	D	T	A		

Tupavuori 60 27 N 22 04 E
Turku (Abo) 60 26 N 22 13 E

P	Y	G	C	R	B	D	T	A		

Parainen (Pargas) 60 17 N 22 18 E

Y	B	A								

Harvaluoto 60 22 N 22 26 E
Attu 60 11 N 22 18 E
Kemio Island
- Frojdbole 60 09 N 22 38 E
- Skinnarvik 60 08 N 22 28 E
- Taalintehdas 60 01 N 22 31 E

Teijo 60 15 N 22 57 E
Vartsala 60 20 N 23 01 E
Kokkila 60 20 N 22 52 E
Stromma 60 11 N 22 54 E
Teijonsaari 60 15 N 22 56 E
Hakkala 60 08 N 23 01 E
Bergo Island 59 54 N 22 32 E

33C

Trasko 60 03 N 22 49 E
Rilax 59 56 N 23 05 E
Bromarv 59 59 N 23 02 E
Hanko 59 49 N 22 58 E

Q	Y	G	C	R	B	T				

Tvarminne 59 51 N 23 14 E
Koverhar 59 53 N 23 13 E

Y	G	B	T							

Lappohja 59 54 N 23 14 E
Lappvik 59 54 N 23 16 E
Skogby 59 55 N 23 19 E
Pohja 60 05 N 23 29 E
Tammisaari (Ekenas) 59 59 N 23 26 E

Y	G									

Skuru 60 06 N 23 33 E

G	A									

Barosund 59 59 N 23 53 E
Inkoo 60 03 N 24 01 E

P	Y	G	R	B	T	A				

Degerby 60 03 N 24 12 E
Kantvik 60 05 N 24 23 E

33D

Y	G	A								

Porkkala 59 59 N 24 28 E
Munksnas 60 12 N 24 53 E
Helsinki 60 10 N 24 57 E

P	Q	Y	G	C	R	B	D	T	A	

Sornaisten 60 11 N 24 58 E
Herttoniemi 60 11 N 25 02 E
Sveaborg 60 08 N 24 59 E
Vuosaari 60 13 N 25 11 E
Sipoo (Sibbo) 60 22 N 25 19 E
Svartback 60 17 N 25 32 E
Skoldvik (Kilpilahti) 60 18 N 25 33 E

P	Q	B	T	A						

Tolkkinen 60 20 N 25 35 E

Y	G	B	T	A						

Porvoo 60 23 N 25 40 E

P Petroleum **Q** Other Liquid Bulk **Y** Dry Bulk **G** General Cargo
C Containers **R** Ro-Ro **B** Bunkers **D** Dry Dock **T** Towage
A Airport (within 100km)

SWEDEN *continued* — 34A

Isnas 60 24 N 26 00 E
Pernaja 60 26 N 26 03 E
Valkom 60 25 N 26 16 E
Loviisa 60 27 N 26 14 E
Q Y G C R B T A
Ronnskar 60 26 N 26 27 E
Ahvenkoski 60 28 N 26 28 E
Svartholm 60 21 N 26 32 E
Keihassalmi 60 26 N 26 40 E
Mussalo 60 25 N 26 55 E
Kotka 60 28 N 26 57 E
P Q Y G C R B D T
Sunila 60 30 N 26 57 E
Summa 60 32 N 27 07 E
Lakulahti 60 31 N 27 09 E
Hillo 60 32 N 27 10 E
Hamina 60 34 N 27 11 E
P Q Y G C R B T

Klamila 60 30 N 27 30 E — 34B
Maringinlahti 60 29 N 27 36 E
Lakasaari 60 29 N 27 40 E
Kellosalmi 60 30 N 27 46 E
Tuuholma 60 30 N 27 45 E
Virolahti 60 33 N 27 45 E
Saimaa Canal
Mustola 61 04 N 28 15 E
Y G C A
Lappeenranta 61 04 N 28 15 E
Y G A
Inland Lakes
Kaukas 61 04 N 28 13 E
Joutseno 61 08 N 28 29 E
Y G B A
Imatra 61 10 N 28 50 E
Y G B A
Kaukopaa 61 15 N 28 52 E
Ristiina 61 32 N 27 25 E
G A

Savonlinna 61 54 N 28 55 E — 34C
G A
Varkaus 62 20 N 27 50 E
P Y G R B D T A
Puhos 62 06 N 29 55 E
Y G A
Joensuu 62 36 N 29 45 E
Y G A
Kuopio 62 51 N 27 30 E
P Y G A
Siilinjarvi 63 05 N 27 40 E
Y G A
Kuuslahti 63 06 N 27 45 E

RUSSIA

Brusnichnoye 60 47 N 28 44 E — 34D
Vyborg 60 43 N 28 44 E
Y G C R B T
Vysotsk 60 38 N 28 34 E
Primorsk 60 22 N 28 38 E
P B T
Kotlin Island
Kronshtadt 60 00 N 29 46 E
River Neva
St. Petersburg (Leningrad)
59 56 N 30 18 E
P Y G C R B D T A
Otradnoye 59 46 N 30 48 E
Kirovsk 59 52 N 30 59 E p.20/21
Shlisselburg (Petrokrepost)
59 56 N 31 08 E
Lake Ladoga
Priozersk 61 01 N 30 08 E
Pitkaranta 61 34 N 31 28 E
River Svir
Podporozhye 60 54 N 34 11 E — 35A
Voznesenye 61 01 N 35 28 E
Lake Onega
Petrozavodsk 61 46 N 34 19 E
Kondopoga 62 12 N 34 17 E
Medvezhyegorsk 62 56 N 34 28 E
Povenets 62 52 N 34 50 E
Volga-Baltic Waterway
Vytegra 61 04 N 36 27 E
Belyy Ruchey 60 54 N 36 50 E
Annenskiy Most 60 43 N 37 05 E
Petrodvorets 59 53 N 29 55 E p.26
Lomonosov 59 55 N 29 46 E
Luga Bay
Ust-Luga 59 40 N 28 18 E
Y

ESTONIA

Narva Joesuu (Narva Yyesuu)
59 28 N 28 03 E
Narvskiy (Narva) 59 23 N 28 13 E
Merikula 59 25 N 27 58 E
Sillamae 59 24 N 27 47 E — 35B
Toila 59 25 N 27 32 E
Gogland Island 60 06 N 26 57 E
Azeri 59 27 N 26 52 E
Kunda 59 31 N 26 33 E
Y G B T
Vergi 59 35 N 26 06 E
Kasmu 59 36 N 25 55 E
Loksa 59 35 N 25 42 E
Prangli Island 59 38 N 25 00 E
Muuga (Novotallinn) 59 30 N 24 58 E
P Y G C R B T A
Miiduranna 59 30 N 24 49 E
Tallinn 59 27 N 24 45 E
Y G C R B T A
Paljassaare (Kopli) 59 27 N 24 42 E
P Y G B T A
Paldiski 59 21 N 24 03 E
Y G B T A

Osmusaar Island 59 18 N 23 22 E — 35C
Dirhami 59 12 N 23 30 E
Vormsi Island
Forby 59 00 N 23 10 E
Hiiumaa Island
Lehtma 59 03 N 22 42 E
Sviby 58 58 N 23 03 E
Heltermaa 58 52 N 23 04 E
Orjaku 58 47 N 22 46 E
Dagerort 58 55 N 22 12 E
Muhu Island
Kuivastu 58 35 N 23 23 E
Saaremaa Island
Triigi 58 36 N 22 45 E
Orissaare 58 34 N 23 05 E
Roomassaare 58 13 N 22 31 E
P G B T A
Kuressaare (Kingissepp)
58 15 N 22 30 E
Montu 57 57 N 22 07 E
Nasva 58 12 N 22 23 E
Taga Bay 58 28 N 22 05 E — 35D
Veere 58 27 N 22 03 E
Kihelkonna 58 23 N 22 00 E
Haapsalu 58 57 N 23 32 E
Rohukula 58 54 N 23 25 E
Virtsu 58 34 N 23 30 E
Parnu 58 23 N 24 29 E
G B T

LATVIA

Ainazi 57 52 N 24 22 E
Salacgriva 57 45 N 24 22 E
Skulte 57 18 N 24 21 E
G B A
River Daugava
Milgravis 57 02 N 24 07 E
Bolderaya 57 02 N 24 03 E
Riga 56 58 N 24 06 E
P Q Y G C R B T A
Engure 57 10 N 23 14 E — 36A
Mersrags 57 22 N 23 08 E
Kaltene 57 27 N 22 53 E
Roja (Rojas Osta) 57 30 N 22 50 E
Gipka 57 34 N 22 40 E
Kolka 57 48 N 22 39 E
Lielirbe 57 37 N 22 05 E
Ventspils 57 24 N 21 33 E
P Q Y G C R B T A
Uzava 57 12 N 21 25 E
Labrags 56 59 N 21 22 E
Pavilosta 56 54 N 21 11 E
Liepaja 56 31 N 21 01 E
P Y G R B D A

LITHUANIA

Palanga 55 55 N 21 05 E
Klaipeda 55 43 N 21 08 E
P Q Y G C R B T A
Butinge Terminal 55 58 N 20 43 N — 36B
P T

RUSSIA

River Nemunas
Sovetsk 55 02 N 21 50 E
Baltiysk 54 39 N 19 54 E
Peyse 54 39 N 20 06 E
Svetlyy 54 38 N 20 09 E
Pionerskiy 54 56 N 20 12 E
Kaliningrad 54 43 N 20 31 E
P Q Y G C R B D T A

POLAND

Frombork 54 21 N 19 40 E
Elblag 54 10 N 19 24 E
River Wisla
Port Polnocny 54 24 N 18 43 E
Nowy Port 54 24 N 18 40 E p.24/25
Tczew 54 05 N 18 46 E — 36C
Martwa Wisla
Gdansk 54 21 N 18 39 E
P Q Y G C R B D T A
Sopot 54 27 N 18 34 E
Gdynia 54 32 N 18 34 E
P Q Y G C R B D T A
Wladyslawowo 54 48 N 18 25 E
G B A
Hel 54 36 N 18 48 E
Rozewie 54 50 N 18 20 E
Ustka 54 35 N 16 52 E
Y G B T A
Darlowo 54 26 N 16 23 E
Y G B T A
Kolobrzeg 54 11 N 15 34 E
Y G R B A

Niechorze 54 06 N 15 04 E — 36D
Kamien Pomorski 53 58 N 14 46 E
Wolin 53 51 N 14 37 E
Lubin 53 52 N 14 26 E
Swinoujscie 53 55 N 14 15 E
P Y G C R T A
River Oder
Stepnica 53 39 N 14 38 E
Police 53 33 N 14 36 E
Q Y G B
Skolwin 53 32 N 14 37 E
Glinki 53 30 N 14 36 E
Krasnica 53 30 N 14 37 E
Goclaw 53 29 N 14 36 E
Zelechowa 53 27 N 14 35 E
Szczecin 53 25 N 14 33 E
Q Y G C R B D T A
Kozle 50 19 N 18 08 E
Nowe Warpno 53 44 N 14 17 E

GERMANY — 37A

Heringsdorf 53 58 N 14 10 E
River Uecker
Ueckermunde 53 44 N 14 03 E
River Peene
Anklam 53 52 N 13 41 E
Jarmen 53 47 N 13 10 E
Demmin 53 54 N 13 01 E
Malchin 53 45 N 12 45 E
Wolgast 54 03 N 13 47 E

G B A

Kroslin 54 08 N 13 45 E
Peenemunde 54 07 N 13 46 E
Lubmin 54 07 N 13 36 E
Vierow 54 06 N 13 34 E
Greifswald 54 06 N 13 23 E
Rugen Island
Lauterbach 54 20 N 13 31 E
Mukran 54 29 N 13 35 E
Sassnitz 54 31 N 13 38 E

Y G C R

Cap Arkona 54 41 N 13 26 E

37B

Stralsund 54 19 N 13 06 E

Y G B D T A

Barhoft 54 26 N 13 02 E
Barth 54 22 N 12 44 E
Zingst 54 27 N 12 40 E
Ribnitz 54 15 N 12 26 E
River Warnow
Rostock 54 09 N 12 06 E

P Q Y G C R B D T A

Warnemunde 54 11 N 12 05 E
Wismar 53 54 N 11 28 E

P Q Y G C R B D T A

River Trave
Schlutup 53 53 N 10 47 E
Siems 53 53 N 10 45 E
Lubeck 53 52 N 10 40 E

Y G C R B T A

Danischburg 53 55 N 10 44 E

37C

Herrenwyk 53 54 N 10 48 E
Travemunde 53 58 N 10 54 E

G C R B A

Neustadt 54 06 N 10 49 E
Gromitz 54 09 N 10 59 E
Fehmarn Island
Burgstaaken 54 25 N 11 12 E
Orth 54 27 N 11 03 E
Puttgarden 54 30 N 11 14 E
Heiligenhafen 54 22 N 10 59 E

Y G B

Laboe 54 24 N 10 13 E p.65

Y G B

Kiel 54 19 N 10 08 E

P Y G C R B D T A

Kiel Canal (Nord-Ostsee Kanal)
Holtenau 54 22 N 10 09 E
Flemhude 54 19 N 9 58 E
Audorf 54 19 N 9 43 E

37D

Rendsburg 54 19 N 9 40 E

Y G C R B D T A

River Eider
Breiholz 54 12 N 9 32 E
Oldenbuttel 54 10 N 9 26 E
Fischerhutte 54 09 N 9 22 E
Dukerswisch 54 03 N 9 19 E
Hochdonn 54 01 N 9 18 E
Burg 53 59 N 9 17 E
Ostermoor 53 55 N 9 11 E
Eckernforde 54 29 N 9 51 E

Y G B A

Schleswig 54 31 N 9 34 E
Olpenitz 54 39 N 9 59 E
Kappeln 54 40 N 9 56 E p.24/25

Y G B A

Gelting 54 44 N 9 54 E
Murwik 54 49 N 9 28 E
Flensburg 54 48 N 9 26 E

38A

Y G B T

DENMARK

BORNHOLM

Ronne 55 06 N 14 42 E

P Y G C R B T A

Nekso (Nexo) 55 04 N 15 09 E

G B D A

Svaneke 55 08 N 15 09 E

G B A

Gudhjem 55 13 N 14 58 E
Tejn 55 14 N 14 50 E
Allinge 55 17 N 14 48 E
Hammeren 55 17 N 14 45 E
Hammerhavn 55 16 N 14 45 E
Vang 55 15 N 14 44 E
Hasle 55 11 N 14 42 E

38B

Y G A

MON

Stege 54 59 N 12 17 E
Klintholm 54 57 N 12 28 E

SJAELLAND

Kalvehave 54 59 N 12 10 E
Praesto 55 07 N 12 02 E
Fakse Ladeplads 55 13 N 12 10 E

Y G B T A

Rodvig 55 15 N 12 23 E
Stevns Pier 55 19 N 12 27 E

Y A

Holtug 55 21 N 12 27 E
Stroby 55 24 N 12 18 E
Koge 55 27 N 12 12 E

P Q Y G C R B T A

Mosede 55 34 N 12 17 E

38C

Drogden Light 55 32 N 12 43 E
Amager Island
Dragor 55 35 N 12 41 E
Kastrup 55 38 N 12 39 E
Valby 55 40 N 12 33 E
Nyhavn 55 41 N 12 35 E
Copenhagen (Kobenhavn) 55 42 N 12 37 E

P Q Y G C R B T A

Tuborg Havn 55 43 N 12 35 E
Hellerup 55 44 N 12 35 E
Taarbaek 55 47 N 12 36 E
Vedbaek 55 51 N 12 33 E
Rungsted 55 53 N 12 32 E
Nivaa 55 56 N 12 31 E
Snekkersten 56 01 N 12 36 E
Elsinore (Helsingor) 56 02 N 12 37 E

G B A

Gilleleje 56 08 N 12 19 E
Hundested 55 58 N 11 51 E

38D

Frederiksvaerk 55 58 N 12 01 E

Y G B A

Frederikssund 55 50 N 12 03 E

Q Y T

Roskilde 55 39 N 12 05 E
Lyngby 55 40 N 11 56 E
Ostby 55 44 N 12 02 E
Kyndby 55 49 N 11 53 E
Holbaek 55 43 N 11 43 E

Y G B T A

Nykobing 55 55 N 11 41 E
Rorvig 55 57 N 11 46 E
Odden 55 58 N 11 22 E
Sejero 55 53 N 11 09 E
Kalundborg 55 41 N 11 05 E

P Y G R B T A

Asnaesvaerkets Havn 55 40 N 11 05 E

39A

Q Y G B A

Mullerup 55 30 N 11 11 E
Halsskov 55 20 N 11 06 E
Korsor 55 20 N 11 08 E

Y G R B A

Skaelskor 55 15 N 11 17 E
Stigsnaesvaerkets Havn 55 13 N 11 15 E

P Y B

Gulfhavn 55 12 N 11 15 E
Karrebaeksminde 55 10 N 11 38 E
Naestved 55 14 N 11 45 E

P Y G B T A

Masnedsund 55 00 N 11 54 E
Masnedovaerkets Havn 54 58 N 11 53 E
Vordingborg 55 00 N 11 54 E

Y G B T A

FALSTER

39B

Orehoved 54 57 N 11 51 E

Y G R B T A

Stubbekobing 54 53 N 12 02 E

G B

Gedser 54 34 N 11 56 E
Nykobing 54 46 N 11 52 E

P G B T

LOLLAND

Vigsnaes 54 53 N 11 39 E
Sakskobing 54 48 N 11 38 E
Bandholm 54 50 N 11 30 E

P Y G B A

Nakskov 54 50 N 11 08 E

P Y G R B D T A

Rodbyhavn 54 39 N 11 21 E

39C

Y G B A

Nysted 54 40 N 11 44 E
Guldborg 54 52 N 11 45 E

LANGELAND

Bagenkop 54 45 N 10 40 E
Rudkobing 54 56 N 10 43 E

Y G B T A

Dagelokke 55 04 N 10 52 E
Lohals 55 08 N 10 54 E

AERO

Marstal 54 51 N 10 31 E
Aeroskobing 54 53 N 10 25 E

Y G B T A

Soby 54 57 N 10 16 E

TAASINGE

39D

Troense 55 02 N 10 39 E

THURO

Thuro 55 02 N 10 41 E

FUNEN

Svendborg 55 03 N 10 37 E

Y G C R B T A

Nyborg 55 18 N 10 47 E

Q Y G R B T A

Kerteminde 55 27 N 10 40 E

Y G B T A

Lindo 55 28 N 10 32 E
Odense 55 25 N 10 23 E

P Y G C R B T A

Aebelo 55 39 N 10 10 E

P Petroleum **Q** Other Liquid Bulk **Y** Dry Bulk **G** General Cargo
C Containers **R** Ro-Ro **B** Bunkers **D** Dry Dock **T** Towage
A Airport (within 100km)

DENMARK *continued*

40A

Bogense 55 34 N 10 05 E
Strib 55 32 N 9 46 E
Middelfart 55 30 N 9 44 E
P Q Y G C R B T A
Assens 55 16 N 9 54 E
Q Y G B D T A
Faaborg 55 06 N 10 14 E
G B A
Avernako 55 02 N 10 15 E
Fjellebroen 55 04 N 10 23 E

SAMSO

Kolby Kaas 55 48 N 10 32 E
Maarup 55 56 N 10 33 E
Ballen 55 49 N 10 39 E

ALS

Sonderborg 54 55 N 9 47 E
P Y G C B T A
Mommark 54 56 N 10 03 E
Augustenborg 54 57 N 9 52 E
Hardeshoj 55 00 N 9 41 E

40B

JUTLAND

Egernsund 54 54 N 9 36 E
Graasten 54 55 N 9 37 E
G B A
Enstedvaerkets Havn 55 01 N 9 26 E
P Y B A
Aabenraa 55 02 N 9 26 E
P Q Y G R B D T A
Aarosund 55 16 N 9 43 E
Haderslev 55 15 N 9 30 E
Y G B T A
Kolding 55 30 N 9 30 E
Q Y G R B T A
Skaerbaek 55 31 N 9 37 E
P G B T A
Snoghoj 55 32 N 9 42 E
Lyngs Odde 55 31 N 9 45 E
Q B A
Fredericia 55 34 N 9 45 E
P Q Y G C R B D T A
Vejle 55 43 N 9 33 E
P Q Y G R B T A
Juelsminde 55 43 N 10 01 E
Horsens 55 51 N 9 52 E
P Q Y G B A
Hov 55 55 N 10 15 E
Aarhus 56 09 N 10 13 E
P Q Y G C R B T A

40C

Studstrup 56 15 N 10 21 E
P Y B T A
Nappedam 56 17 N 10 30 E
Knebel 56 13 N 10 30 E
Sletterhage 56 06 N 10 31 E
Lyngsbaek Bridge 56 14 N 10 37 E
Ebeltoft 56 12 N 10 40 E
Glatved 56 18 N 10 51 E
Katholm 56 21 N 10 55 E
Grenaa 56 25 N 10 56 E
P Y G C R B D T A
Fornaes 56 27 N 10 58 E
Gerrild 56 32 N 10 50 E
Anholt 56 43 N 11 31 E
Udbyhoj 56 37 N 10 19 E
Voer 56 31 N 10 14 E
Mellerup 56 31 N 10 16 E
Randers 56 28 N 10 03 E
Q Y G R B T A

40D

Mariager Fjord
Kongsdal 56 41 N 10 04 E
Y G R B T A
Mariager 56 39 N 9 59 E
Hobro 56 38 N 9 48 E
G B T A
Hadsund 56 43 N 10 07 E
G A
Als 56 45 N 10 18 E
Rordal 57 04 N 9 58 E
Limfjord
Aalborg 57 03 N 9 55 E
P Q Y G C R B D T A
Lindholm Pier 57 04 N 9 51 E
Norresundby 57 04 N 9 55 E
Hals 56 59 N 10 19 E
Asaa 57 08 N 10 24 E
Laeso 57 13 N 10 42 E
Saeby 57 20 N 10 31 E
Understed 57 23 N 10 30 E
Frederikshavn 57 26 N 10 33 E
P Y G C R B D T A
Strandby 57 29 N 10 31 E
Skagen 57 43 N 10 36 E
P Q G B T A
Skaw 57 44 N 10 38 E
Hirtshals 57 36 N 9 58 E
P Y G C R B T A
Hanstholm 57 07 N 8 35 E
P Q Y G R B D T A
Klitmoller 57 02 N 8 30 E
Lodbjerg 56 49 N 8 16 E
Limfjord
Krik 56 46 N 8 16 E
Mors Island
Vilsund 56 56 N 8 39 E
Sundby 56 53 N 8 41 E
Nykobing 56 48 N 8 52 E
Y G B A
Ejerslev 56 55 N 8 55 E
Skarrehage 56 57 N 8 52 E

41A

41B

41C

JUTLAND

Thisted 56 57 N 8 42 E
Y G B T A
Aggersund 57 01 N 9 17 E
Nibe 56 59 N 9 38 E
Logstor 56 58 N 9 15 E
Skive 56 34 N 9 02 E
Fur Island
Fur Molervaerk 56 50 N 8 58 E
Fur 56 50 N 9 00 E
Faerker Vig 56 50 N 9 04 E
Struer 56 30 N 8 36 E
P Q Y G C R B T A
Lemvig 56 33 N 8 18 E
G B T A
Thyboron 56 42 N 8 13 E
Ringkobing 56 05 N 8 14 E
Blaavand 55 33 N 8 05 E
Fano Island
Nordby 55 27 N 8 24 E
Esbjerg 55 28 N 8 26 E
P Q Y G C R B D T A
Ribe 55 20 N 8 46 E
Hojer 54 57 N 8 41 E

41D

GERMANY

Sylt Island p.22/23
Ellenbogen 55 03 N 8 25 E
List 55 01 N 8 26 E
Munkmarsch 54 55 N 8 22 E
Hornum 54 45 N 8 18 E
Fohr Island
Wyk 54 42 N 8 35 E
Dagebull 54 44 N 8 44 E

Amrum Island 54 38 N 8 21 E
Pellworm Island 52 31 N 8 39 E
Holmer Siel 54 32 N 8 52 E p.65
Husum 54 29 N 9 03 E
Y G B D T
Tonning 54 19 N 8 57 E
Friedrichstadt 54 23 N 9 05 E
Busum 54 08 N 8 52 E
G R B T
Meldorf 54 05 N 9 04 E
River Elbe
Brunsbuttel 53 54 N 9 08 E
P Q Y G C T A
Kiel Canal (Nord-Ostsee Kanal) *(see Col. 37C)*
River Stor
Wewelsfleth 53 51 N 9 24 E
Beidenfleth 53 52 N 9 26 E
Itzehoe 53 55 N 9 31 E
Y G B D A
Altenbruch Roads 53 51 N 8 49 E
Freiburg 53 49 N 9 18 E
River Oste
Neuhaus 53 48 N 9 02 E
Hemmoor 53 42 N 9 08 E
Schwarzenhutten 53 42 N 9 10 E
Gluckstadt 53 47 N 9 25 E
Y G C B A
Wischhafen 53 47 N 9 20 E p.22/23
Krautsand 53 46 N 9 23 E
River Kruckau
Elmshorn 53 45 N 9 39 E
Ruthenstrom 53 44 N 9 24 E
Kollmar 53 43 N 9 29 E
Abbenfleth 53 41 N 9 30 E
River Pinnau
Utersen 53 40 N 9 39 E
River Schwinge
Stade 53 36 N 9 29 E
Butzfleth 53 39 N 9 31 E
Q Y G B T A
Brunshausen 53 38 N 9 32 E
Stadersand 53 37 N 9 32 E
Schulau 53 34 N 9 42 E
Wedel 53 34 N 9 43 E
Blankenese 53 33 N 9 49 E
Neueufelde 53 30 N 9 49 E
Altona 53 33 N 9 56 E
Hamburg 53 33 N 9 58 E
P Q Y G C R B D T A
Finkenwerder 53 32 N 9 52 E
Harburg 53 29 N 9 58 E
Hohenhorn 53 28 N 10 22 E
Wilhelmsburg 53 27 N 9 57 E
Lauenburg 53 23 N 10 33 E
Boizenburg 53 23 N 10 44 E
Magdeburg 52 08 N 11 37 E
Aken 51 50 N 12 02 E
Rosslau 51 54 N 12 16 E
Dresden 51 03 N 13 45 E
Decin **(Czech Republic)** 50 46 N 14 11 E
Usti nad Labem **(Czech Republic)** 50 40 N 14 02 E
Lovosice **(Czech Republic)** 50 31 N 14 02 E
Chvaletice 50 01 N 15 26 E **(Czech Republic)** 50 01 N 15 26 E
Cuxhaven 53 52 N 8 42 E
G C R B D T
River Weser
Bremerhaven 53 33 N 8 35 E
P Q G C R B D T A
Blexen 53 32 N 8 32 E
Wesermunde 53 32 N 8 35 E
Einswarden 53 31 N 8 31 E
Nordenham 53 29 N 8 29 E
Q Y G C R B T A
Brake 53 20 N 8 29 E
P Q Y G C B D T A
Elsfleth 53 14 N 8 28 E
Farge 53 12 N 8 31 E
Ganspe 53 12 N 8 33 E

42A

42B

42C

42D

43A

Blumenthal 53 11 N 8 34 E
Vegesack 53 10 N 8 38 E
Lemwerder 53 10 N 8 36 E
Bardenfleth 53 09 N 8 33 E
River Hunte
Oldenburg 53 09 N 8 14 E

P	Y	G	A							

Oslebshausen 53 08 N 8 44 E
Bremen 53 05 N 8 47 E

P	Q	Y	G	C	R	B	T	A		

Hoya 52 48 N 9 08 E
Leeseringen 52 35 N 9 08 E
Minden 52 18 N 8 54 E
Hohe Weg Light 53 43 N 8 15 E
Jade Bay
Varel 53 24 N 8 10 E
Wilhelmshaven 53 31 N 8 09 E

P	Q	Y	G	C	R	B	D	T	A	

Horumersiel 53 40 N 8 01 E
Helgoland 54 09 N 7 53 E

43B

East Frisian Islands
Wangerooge 53 47 N 7 54 E
Spiekeroog 53 46 N 7 41 E
Langeoog 53 45 N 7 32 E
Baltrum 53 44 N 7 24 E
Norderney 53 42 N 7 10 E
Juist 53 41 N 7 00 E
Memmert 53 38 N 6 53 E
Borkum 53 35 N 6 40 E
Bensersiel 53 41 N 7 35 E
Norrdeich 53 38 N 7 10 E
River Ems
Emden 53 21 N 7 11 E

P	Q	Y	G	C	R	B	D	T	A	

Ditzum 53 19 N 7 16 E
Oldersum 53 19 N 7 20 E
Leer 53 13 N 7 27 E

Y	G	B	T							

Papenburg 53 05 N 7 23 E

P	Y	G	B	D	T					

NETHERLANDS

43C

Farmsum 53 19 N 6 56 E
Delfzijl 53 20 N 6 56 E

Q	Y	G	C	B	D	T	A			

Eems Canal
Appingedam 53 19 N 6 51 E
Loppersum 53 19 N 6 44 E
Ten Post 53 18 N 6 44 E
Groningen 53 14 N 6 32 E

Y	G	C	B	T	A					

Winschoter Diep
Winschoten 53 08 N 7 01 E
Eemshaven 53 27 N 6 50 E

Y	G	C	R	T	A					

Lauwersmeer
Oostmahorn 53 23 N 6 10 E
Zoutkamp 53 20 N 6 18 E
West Frisian Islands

43D

Rottum 53 33 N 6 33 E
Schiermonnikoog 53 29 N 6 09 E
Ameland 53 27 N 5 38 E
Terschelling
West Terschelling 53 22 N 5 13 E
Vlieland 53 18 N 5 05 E
Texel 53 11 N 4 51 E
Harlingen 53 11 N 5 25 E

Q	Y	G	C	B	D	T				

Van Harinxma Canal
Franeker 53 11 N 5 33 E
Leeuwarden 53 12 N 5 47 E
Dokkumer Ee Canal
Dokkum 53 20 N 6 00 E
Ysselmeer (Ijsselmeer)
Makkum 53 04 N 5 24 E
Workum 52 59 N 5 26 E
Lemmer 52 51 N 5 41 E
Prinses Margriet Canal
Sneek 53 02 N 5 40 E
Grouw 53 06 N 5 51 E
Bergum 53 12 N 5 59 E
Urk 52 40 N 5 36 E

44A

Zwartsluis 52 38 N 6 04 E
Steenwijk 52 47 N 6 07 E
Meppel 52 42 N 6 12 E
Hasselt 52 35 N 6 05 E
River Yssel (River Ijssel)
Kampen 52 35 N 5 48 E
Zwolle 52 31 N 6 07 E
Deventer 52 15 N 6 09 E
Berkel Twente Canal
Twente Canal
Almelo 52 22 N 6 38 E
Hengelo 52 16 N 6 46 E
Zutphen 52 08 N 6 12 E
Almere-Haven 52 20 N 5 13 E
Lelystad 52 30 N 5 26 E
Enkhuizen 52 42 N 5 18 E
Den Oever 52 55 N 5 01 E
Den Helder 52 58 N 4 47 E

G	B	D	T	A						

North Holland Canal
Alkmaar 52 38 N 4 43 E
Egmond aan Zee 52 37 N 4 37 E
Wijk aan Zee (Wyk aan Zee) 52 30 N 4 35 E

44B

North Sea Canal
Ymuiden (IJmuiden) 52 27 N 4 35 E

Q	Y	G	R	B	D	T	A			

Velsen 52 28 N 4 38 E
Beverwijk 52 29 N 4 38 E

Y	G	R	B	T	A					

Buitenhuizen 52 26 N 4 43 E
Spaarndam 52 25 N 4 41 E
Haarlem 52 23 N 4 39 E
Halfweg 52 23 N 4 45 E
Westzaan 52 27 N 4 47 E
Zaan Canal
Zaandam 52 26 N 4 50 E

P	Y	G	C	R	D	T	A			

Koog aan den Zaan 52 27 N 4 49 E
Wormerveer 52 28 N 4 47 E
Amsterdam 52 22 N 4 54 E

P	Q	Y	G	C	R	B	D	T	A	

Amsterdam-Rhine Canal

44C

Utrecht 52 05 N 5 07 E
Zandvoort 52 22 N 4 32 E
Katwijk aan Zee 52 12 N 4 24 E
Old Rhine (Oude Rijn)
Leiden 52 09 N 4 28 E
Leiderdorp 52 08 N 4 31 E
Alphen aan den Rijn 52 08 N 4 38 E
Woerden 52 06 N 4 54 E
Scheveningen 52 06 N 4 16 E

G	C	R	B	T	A					

'sGravenhage (Den Haag, The Hague)
52 05 N 4 18 E
Schie Canal
Voorburg 52 04 N 4 18 E
Delft 52 01 N 4 22 E
Overschie 51 56 N 4 25 E
New Rotterdam Waterway (Nieuwe Waterweg)
Maasvlakte 51 58 N 4 04 E
Hook of Holland 51 59 N 4 07 E

R	A									

Europoort 51 57 N 4 05 E
Poortershaven 51 56 N 4 12 E

44D

Maassluis 51 55 N 4 15 E
Rozenburg 51 54 N 4 15 E
Vondelingen Plaat 51 53 N 4 20 E
Vlaardingen 51 54 N 4 21 E

Q	Y	G	B	D	T	A				

Pernis 51 54 N 4 23 E
Schiedam 51 54 N 4 24 E

G	D	T	A							

Rotterdam 51 54 N 4 29 E

P	Q	Y	G	C	R	B	D	T	A	

New Maas (Nieuwe Maas)
Kralingscheveer 51 54 N 4 32 E
Ysselmonde (Ijsselmonde)
51 54 N 4 31 E
River Hollandsch Yssel
Krimpen aan den Yssel 51 54 N 4 35 E

45A

Capelle aan den Yssel 51 55 N 4 34 E
Ouderkerk 51 56 N 4 36 E
Nieuwerkerk aan den Yssel
51 58 N 4 35 E
Gouda 52 01 N 4 42 E
Bolnes 51 54 N 4 34 E
River Lek
Krimpen aan den Lek 51 53 N 4 37 E
Lekkerkerk 51 55 N 4 38 E
Nieuw Lekkerland 51 53 N 4 38 E
Bergambacht 51 56 N 4 47 E
Groot-Ammers 51 55 N 4 50 E
Ameide 51 57 N 4 57 E
Vianen 51 59 N 5 02 E
Culemborg 51 57 N 5 13 E
Lower Rhine (Neder Rijn)
Wageningen 51 58 N 5 40 E
Arnhem 51 58 N 5 53 E
Huissen 51 55 N 5 55 E
De Noord
Slikkerveer 51 53 N 4 36 E
Kinderdijk 51 53 N 4 38 E
Alblasserdam 51 52 N 4 37 E
Hendrik Ido Ambacht 51 51 N 4 37 E
Papendrecht 51 50 N 4 38 E

45B

Old Maas (Oude Maas)
Oud Beijerland 51 50 N 4 24 E
Puttershoek 51 48 N 4 34 E
Zwijndrecht (Zwyndrecht)
51 49 N 4 39 E
'sGravendeel 51 46 N 4 36 E
Dordrecht 51 48 N 4 39 E

P	Q	Y	G	B	T	A				

River Merwede
Sliedrecht 51 50 N 4 45 E
Hardinxveld 51 49 N 4 51 E
Gorinchem 51 49 N 4 59 E
Rijswijk 51 47 N 5 01 E
Spijk (Spyk) 51 52 N 5 03 E
River Waal
Zuilichem 51 48 N 5 07 E
Haaften 51 49 N 5 11 E
Zaltbommel 51 48 N 5 12 E
Heerewaarden 51 49 N 5 23 E
Tiel 51 53 N 5 27 E
Wamel 51 52 N 5 27 E
Druten 51 53 N 5 37 E
Dodewaard 51 54 N 5 38 E

45C

Deest 51 53 N 5 40 E
Nijmegen (Nymegen) 51 50 N 5 50 E

P	G	C	R	B	T					

Gendt 51 52 N 5 59 E
Millingen aan den Rijn 51 52 N 6 02 E
River Rhine (River Rijn)
Lobith 51 52 N 6 08 E

GERMANY

River Rhine (Rhein)
Spoy Canal
Kleve 51 47 N 6 09 E
Emmerich 51 51 N 6 15 E
Wesel 51 39 N 6 36 E
Walsum 51 33 N 6 41 E
Orsoy 51 32 N 6 41 E
Homberg 51 27 N 6 43 E
Ruhrort 51 27 N 6 44 E
Duisburg 51 26 N 6 45 E

P	Q	G	C	R	B	T	A			

Rheinhausen 51 25 N 6 44 E

45D

Urdingen 51 21 N 6 40 E
Krefeld 51 20 N 6 34 E

P	Q	Y	G	B	A					

Dusseldorf 51 15 N 6 46 E

G	C	A								

Neuss 51 12 N 6 42 E

P	Y	G	C	R	T	A				

Sturzelburg 51 07 N 6 48 E
Monheim 51 07 N 6 49 E
Dormagen 51 06 N 6 57 E
Leverkusen 51 01 N 7 02 E
Cologne (Koln) 50 56 N 7 00 E

Y	G	C	R	B	T	A				

Porz 50 53 N 7 03 E
Wesseling 50 50 N 7 00 E

GEOGRAPHIC INDEX

P Petroleum **Q** Other Liquid Bulk **Y** Dry Bulk **G** General Cargo
C Containers **R** Ro-Ro **B** Bunkers **D** Dry Dock **T** Towage
A Airport (within 100km)

GERMANY *continued* — 46A

Bonn 50 43 N 7 05 E
Remagen 50 34 N 7 13 E p.20/21
Brohl 50 25 N 7 18 E
Andernach 50 25 N 7 23 E
Neuwied 50 26 N 7 29 E
Weissenthurm 50 25 N 7 29 E
Bendorf 50 25 N 7 35 E
Vallendar 50 24 N 7 37 E
Koblenz 50 20 N 7 35 E
River Mosel
Trier 49 45 N 6 39 E
River Saar
Saarlouis 49 19 N 6 45 E
Saarbrucken 49 15 N 6 58 E
Thionville **(France)** 49 22 N 6 11 E
Metz **(France)** 49 07 N 6 11 E
Lahnstein 50 18 N 7 37 E
Bingen 49 57 N 7 54 E
Mainz 50 00 N 8 17 E
River Main
Frankfurt 50 07 N 8 40 E

Q	Y	G	C	B	A					

Aschaffenburg 49 57 N 9 10 E — 46B
Erlenbach 49 48 N 9 09 E
Gernsheim 49 45 N 8 28 E
Worms 49 38 N 8 21 E
Mannheim 49 29 N 8 28 E

P	Q	Y	G	C	R	B	A			

Ludwigshafen am Rhein 49 28 N 8 27 E

P	Q	Y	G	C						

Speyer 49 18 N 8 26 E
Germersheim 49 13 N 8 23 E
Karlsruhe 49 03 N 8 20 E

P	Q	G	C	R	A					

Kehl 48 35 N 7 50 E

P	Y	G	C	R	A					

Strasbourg **(France)** 48 34 N 7 42 E

P	Q	Y	G	C	R	B	T	A		

Basle **(Switzerland)** 47 33 N 7 34 E — 46C

P	Q	Y	G	C	R	B	A			

NETHERLANDS

River Maas p.22/23
Nederhemert 51 46 N 5 10 E
Zuid-Willemsvaart Canal
'sHertogenbosch (Den Bosch)
51 42 N 5 18 E
Helmond 51 29 N 5 39 E
Lithoijen 51 49 N 5 26 E
Grave 51 45 N 5 44 E
Maashees 51 34 N 6 02 E
Venlo 51 22 N 6 10 E
Belfeld 51 18 N 6 04 E
Swalmen 51 13 N 6 01 E
Roermond 51 12 N 5 59 E
Maastricht 50 51 N 5 41 E
Brielle 51 54 N 4 11 E
Stellendam 51 48 N 4 01 E
Hellevoetsluis 51 49 N 4 08 E
Middelharnis 51 47 N 4 12 E
Den Bommel 51 43 N 4 17 E — 46D
Ooltgensplaat 51 41 N 4 20 E
River Dintel Mark
Dinteloord 51 38 N 4 22 E
Fijnaart 51 38 N 4 29 E
Dintelmond 51 40 N 4 23 E
Willemstad 51 42 N 4 26 E
Numansdorp 51 43 N 4 25 E
Moerdijk 51 42 N 4 37 E

P	Y	G	C	R	B	D	A			

Geertruidenberg 51 43 N 4 52 E
Raamsdonksveer 51 42 N 4 55 E
Wilhelmina Canal
Oosterhout 51 37 N 4 52 E
Tilburg 51 33 N 5 04 E
Galathesche 51 40 N 4 19 E
Ouddorp 51 48 N 3 56 E
Scheldt-Rhine Canal 51 38 N 4 14 E
Schouwen
Brouwershaven 51 44 N 3 55 E
Bruinisse 51 40 N 4 06 E
Zijpe 51 39 N 4 06 E
Ouwerkerk 51 38 N 3 59 E
Zierikzee 51 38 N 3 53 E — 47A

G	B	A								

Eastern Scheldt (Oosterschelde)
St. Annaland 51 37 N 4 06 E
Tholen 51 32 N 4 13 E
Bergen-op-Zoom 51 30 N 4 16 E
Yerseke (Ierseke) 51 30 N 4 03 E
Wemeldinge 51 31 N 4 00 E
Sas van Goes 51 32 N 3 56 E
Wolphaartsdijk 51 32 N 3 49 E
Colynsplaat 51 36 N 3 51 E
Domburg 51 34 N 3 30 E
West Kapelle 51 32 N 3 27 E
Western Scheldt (Westerschelde)
Flushing (Vlissingen) 51 27 N 3 35 E

P	Q	Y	G	C	R	B	D	T	A	

Walcheren Canal
Middelburg 51 30 N 3 37 E

Q	Y	G								

Flushing East (Sloehaven) — 47B
51 27 N 3 40 E
Borssele 51 25 N 3 44 E
Everingen 51 20 N 3 50 E
Hansweert 51 27 N 4 00 E

G	B	T	A							

Bath 51 24 N 4 13 E

BELGIUM

River Scheldt (Schelde)
Zandvliet 51 21 N 4 17 E
Doel 51 19 N 4 16 E
Lillo 51 18 N 4 18 E
Liefkenshoek 51 18 N 4 17 E
Antwerp (Antwerpen) 51 14 N 4 25 E

P	Q	Y	G	C	R	B	D	T	A	

Albert Canal
Merksem 51 14 N 4 29 E
Schoten 51 15 N 4 30 E
Olen 51 09 N 4 52 E
Geel 51 09 N 4 58 E — 47C
Tessenderlo 51 04 N 5 05 E
Kwaadmechelen 51 06 N 5 09 E
Hasselt 50 56 N 5 20 E
Genk 50 58 N 5 30 E
Zutendaal 50 55 N 5 34 E
Lanaken 50 53 N 5 38 E
Lixhe 50 44 N 5 42 E
Liege 50 40 N 5 34 E

P	Y	G	C	R	A					

Val St. Lambert 50 34 N 5 28 E
Kallo 51 15 N 4 17 E
Zwijndrecht 51 13 N 4 20 E
Burcht 51 12 N 4 20 E
Hoboken 51 10 N 4 20 E
Kruibeke 51 10 N 4 19 E
Hemiksem 51 09 N 4 20 E

P	A									

Schelle 51 08 N 4 19 E
River Rupel
Niel 51 07 N 4 20 E
Wintham 51 06 N 4 17 E — 47D
Brussels Maritime Canal
Willebroek 51 03 N 4 21 E
Tisselt 51 02 N 4 22 E
Kapelle op den Bos 51 01 N 4 22 E
Humbeek 50 58 N 4 23 E
Verbrande Brug 50 57 N 4 23 E
Vilvoorde 50 57 N 4 25 E
Haren 50 54 N 4 23 E
Marly 50 53 N 4 23 E
Brussels (Bruxelles) 50 52 N 4 21 E

G	B	A								

Ruisbroek 50 47 N 4 17 E
River Rupel
Boom 51 05 N 4 22 E
Terhagen 51 05 N 4 23 E
Rumst 51 04 N 4 25 E
Mechelen 51 02 N 4 28 E
Rupelmonde 51 08 N 4 17 E
Temse 51 08 N 4 13 E
Tielrode 51 07 N 4 13 E
Baasrode 51 03 N 4 10 E
Dendermonde 51 02 N 4 07 E — 48A
Melle 51 00 N 3 48 E

NETHERLANDS

Western Scheldt (Westerschelde)
Paal 51 21 N 4 07 E
Walsoorden 51 27 N 4 02 E
Terneuzen 51 20 N 3 49 E

Q	Y	G	C	R	B	T	A			

Ghent-Terneuzen Canal
Sluiskil 51 18 N 3 50 E
Axel Sassing 51 17 N 3 52 E
Sas van Ghent 51 14 N 3 48 E

BELGIUM

Zelzate 51 12 N 3 48 E
Ertvelde 51 12 N 3 47 E
Rieme 51 10 N 3 46 E
Terdonk 51 09 N 3 47 E
Langerbrugge 51 07 N 3 45 E
Wondelgem 51 05 N 3 43 E — 48B
Ghent (Gent) 51 04 N 3 43 E

P	Q	Y	G	C	R	B	D	T	A	

NETHERLANDS

Breskens 51 24 N 3 34 E
Wielingen 51 23 N 3 23 E

BELGIUM

Zeebrugge 51 20 N 3 12 E

P	Q	Y	G	C	R	B	T	A		

Baudouin Canal
Bruges (Brugge) 51 14 N 3 13 E

P	Y	G	B	T	A					

Oostkamp 51 09 N 3 13 E
Blankenberge 51 19 N 3 08 E
Ostend (Oostende) 51 14 N 2 55 E

Y	G	C	R	B	T	A				

Ostend-Bruges Canal — 48C
Zandvoorde 51 13 N 2 58 E
Nieuwpoort 51 09 N 2 43 E

G	B	A								

FRANCE

Dunkirk (Dunkerque) 51 03 N 2 21 E p.18

P	Q	Y	G	C	R	B	D	T	A	

Mardyck 51 00 N 2 14 E
Gravelines 50 59 N 2 08 E
Sandettie Light Vessel 51 09 N 1 47 E
Calais 50 58 N 1 51 E

Q	Y	G	C	R	B	D	T	A		

Cap Gris Nez 50 52 N 1 35 E
Wimereux 50 46 N 1 36 E
Boulogne 50 44 N 1 37 E

P	Y	G	C	R	B	T	A			

Etaples 50 31 N 1 38 E — 48D
Montreuil 50 28 N 1 46 E
River Somme
Le Hourdel 50 13 N 1 34 E
Le Crotoy 50 13 N 1 38 E
Noyelles 50 11 N 1 43 E
Abbeville 50 06 N 1 51 E
St. Valery sur Somme 50 11 N 1 39 E
Le Treport 50 04 N 1 22 E

Y	G	R	T	A						

Eu 50 03 N 1 25 E
Dieppe 49 56 N 1 05 E

Q	Y	G	C	R	B	D	T	A		

St. Valery en Caux 49 52 N 0 43 E
Fecamp 49 46 N 0 22 E

Y	G	B	A							

Cap d'Antifer 49 41 N 0 10 E
Antifer 49 40 N 0 10 E
River Seine

49A

Le Havre 49 29 N 0 07 E

P Q Y G C R B D T A

Harfleur 49 30 N 0 12 E
Gonfreville L'Orcher 49 29 N 0 14 E
Berville sur Mer 49 26 N 0 22 E
Tancarville 49 29 N 0 28 E
Radicatel 49 25 N 0 29 E
Lillebonne 49 31 N 0 32 E
River Risle
Pont Audemer 49 20 N 0 23 E
Port Jerome 49 28 N 0 32 E
Villequier 49 30 N 0 40 E
Caudebec 49 32 N 0 44 E
St. Wandrille 49 32 N 0 45 E
Le Trait 49 28 N 0 48 E
Yainville 49 27 N 0 49 E
Duclair 49 27 N 0 52 E
Dieppedalle 49 25 N 1 01 E
Rouen 49 29 N 1 05 E

P Q Y G C R B D T A

49B

Elbeuf 49 17 N 1 07 E
Petit Quevilly 49 26 N 1 03 E
Le Grand Quevilly 49 25 N 1 00 E
Petit Couronne 49 22 N 1 00 E
Grand Couronne 49 22 N 0 59 E
La Mailleraye 49 29 N 0 46 E
Quillebeuf 49 28 N 0 31 E
Bonnieres 49 02 N 1 34 E
Mantes 48 59 N 1 43 E
Limay 48 59 N 1 45 E
Nanterre 48 54 N 2 11 E
Gennevilliers 48 57 N 2 16 E
Villeneuve-la-Garenne 48 55 N 2 18 E
Paris 48 52 N 2 20 E

P Y G C R B D A

River Marne
Bonneuil 48 47 N 2 29 E
Villeneuve-le-Roi 48 44 N 2 24 E
Honfleur 49 25 N 0 14 E

P Q Y G B T A

49C

Trouville 49 22 N 0 05 E
Deauville 49 21 N 0 04 E
Ouistreham 49 17 N 0 15 W
Caen 49 11 N 0 21 W

Q Y G C R B T A

Courseulles sur Mer 49 20 N 0 27 W
Port en Bessin 49 21 N 0 46 W
Isigny 49 20 N 1 07 W
Carentan 49 19 N 1 15 W
St. Vaast la Hougue 49 35 N 1 16 W
Barfleur 49 40 N 1 15 W
Cherbourg 49 38 N 1 38 W

Q Y G C R B D T A

Cap de la Hague 49 44 N 1 56 W
Dielette 49 33 N 1 51 W
Carteret 49 22 N 1 48 W
Portbail 49 20 N 1 43 W
Regneville 49 00 N 1 34 W
Granville 48 50 N 1 36 W

P Y G

49D

Avranches 48 42 N 1 21 W
Pontaubault 48 38 N 1 22 W
Le Vivier sur Mer 48 36 N 1 46 W
Cancale 48 40 N 1 51 W
St. Malo 48 39 N 2 01 W

P Q Y G C R B D T A

St. Servan 48 38 N 2 01 W
Dinard 48 38 N 2 03 W
Le Guildo 48 38 N 2 14 W

G B A

Port Barrier 48 38 N 2 25 W
Erquy 48 38 N 2 28 W
Dahouet 48 35 N 2 34 W
St. Brieuc 48 31 N 2 43 W
Le Legue 48 32 N 2 43 W

Y G B A

Binic 48 36 N 2 49 W
Saint Quay Portrieux 48 39 N 2 50 W
Paimpol 48 47 N 3 03 W

G B A

Pontrieux 48 42 N 3 10 W
Lezardrieux 48 47 N 3 06 W

50A

Pleubian 48 51 N 3 10 W
Treguier 48 47 N 3 14 W

Y G B A

Port Blanc 48 50 N 3 19 W
Perros Guirec 48 48 N 3 26 W
Lannion 48 44 N 3 27 W
Locquirec 48 42 N 3 39 W
Morlaix 48 38 N 3 53 W
Roscoff 48 43 N 3 59 W

G R B A

Plouescat 48 39 N 4 13 W
Brignogan 48 40 N 4 19 W
L'Aber Wrach 48 35 N 4 33 W
Paluden 48 35 N 4 31 W
L'Aberildut 48 28 N 4 45 W
Ushant Island (Ile d'Ouessant)
Creac'h Point 48 28 N 5 08 W
Ile Molene 48 24 N 4 58 W
Corsen Point 48 25 N 4 48 W
Le Conquet 48 22 N 4 47 W
Blanc-Sablons 48 22 N 4 46 W
Pointe St. Mathieu 48 20 N 4 46 W

50B

Brest 48 23 N 4 29 W

P Q Y G C R B D T A

Landerneau 48 26 N 4 15 W
Plougastel 48 23 N 4 24 W
Faou 48 18 N 4 10 W
Port Launay 48 18 N 4 15 W
Roscanvel 48 19 N 4 33 W
Camaret 48 17 N 4 36 W
Douarnenez 48 06 N 4 20 W
Audierne 48 01 N 4 32 W
Penmarc'h Point 47 48 N 4 23 W
Guilvinec 47 48 N 4 17 W
Loctudy 47 50 N 4 10 W
Pont l'Abbe 47 52 N 4 13 W
River Odet
Quimper 47 58 N 4 07 W

P G B A

Corniguel 47 57 N 4 07 W
Benodet 47 53 N 4 07 W
Port la Foret 47 54 N 3 58 W

50C

Concarneau 47 52 N 3 55 W

P Q G B T A

Iles de Glenan 47 47 N 4 02 W
Le Pouldu 47 46 N 3 32 W
Keroman 47 44 N 3 22 W
Lorient 47 45 N 3 22 W

P Y G R B T A

Hennebont 47 48 N 3 16 W
Port Louis 47 42 N 3 22 W
Ile de Groix
Port Tudy 47 39 N 3 27 W
Etel 47 39 N 3 12 W
Quiberon 47 30 N 3 07 W
Belle Ile
Le Palais 47 21 N 3 10 W
La Trinite sur Mer 47 35 N 3 02 W
Morbihan
Locmariaquer 47 34 N 3 00 W
Auray 47 40 N 3 00 W
Vannes 47 39 N 2 45 W

G A

50D

River Vilaine
La Roche Bernard 47 31 N 2 18 W
Redon 47 39 N 2 04 W
Mesquer 47 25 N 2 28 W
Piriac 47 23 N 2 33 W
Le Croisic 47 18 N 2 31 W
Le Pouliguen 47 16 N 2 25 W
River Loire
St. Nazaire 47 16 N 2 12 W

P Y G C R B D T A

Montoir 47 20 N 2 08 W

Q Y G C R B T A

Donges 47 18 N 2 04 W

P Q B T A

Cordemais 47 16 N 1 53 W
Coueron 47 12 N 1 42 W
Basse Indre 47 12 N 1 41 W
Ile Chevire 47 11 N 1 36 W
Chantenay 47 12 N 1 36 W

p.30

51A

Nantes 47 14 N 1 34 W

P Q Y G C B T A

Paimboeuf 47 17 N 2 02 W

P Q G

Saint Brevin 47 15 N 2 09 W
Pornic 47 07 N 2 07 W
Ile de Noirmoutier 47 02 N 2 18 W
Ile d'Yeu
Port Joinville 46 44 N 2 21 W
Sables d'Olonne 46 30 N 1 48 W

Q Y G B A

Marans 46 19 N 1 02 W
Ile de Re
Ars 46 12 N 1 32 W
St. Martin de Re 46 12 N 1 22 W
La Flotte 46 11 N 1 19 W
Port du Plomb 46 12 N 1 12 W
La Pallice 46 10 N 1 14 W

P Y G C R B D T A

51B

La Rochelle 46 09 N 1 09 W
River Charente
Rochefort 45 56 N 0 58 W

Y G B A

Tonnay Charente 45 57 N 0 53 W

Y G B

Ile d'Oleron
Chateau d'Oleron 45 53 N 1 12 W
La Perotine 45 58 N 1 14 W
Marennes 45 49 N 1 07 W
Pointe aux Herbes 45 48 N 1 09 W
La Tremblade 45 46 N 1 08 W
River Gironde
La Coubre 45 42 N 1 14 W
St. Palais sur Mer 45 38 N 1 05 W
Royan 45 37 N 1 02 W
Mortagne sur Gironde 45 29 N 0 47 W
Blaye 45 07 N 0 40 W

Q Y G B T A

51C

Roque de Thau 45 05 N 0 38 W
River Dordogne
Izon 44 57 N 0 22 W
Libourne 44 55 N 0 14 W
Ambes 45 02 N 0 36 W

P Q B T

River Garonne
Bassens 44 54 N 0 32 W
Bordeaux 44 50 N 0 34 W

Q Y G C R B D T A

Pauillac 45 12 N 0 45 W

P B T A

Trompeloup 45 14 N 0 45 W
Le Verdon 45 33 N 1 05 W

Y C R T

Pointe de Grave 45 34 N 1 04 W
Cap Ferret 44 37 N 1 15 W
Gujan-Mestras 44 38 N 1 03 W
Arcachon 44 40 N 1 10 W
Boucau 43 31 N 1 29 W
Bayonne 43 30 N 1 29 W

51D

P Q Y G B D T A

Biarritz 43 30 N 1 34 W
St. Jean de Luz 43 24 N 1 40 W
Hendaye 43 22 N 1 46 W

SPAIN

Fuenterrabia 43 22 N 1 48 W
Pasajes 43 20 N 1 56 W

Q Y G C R B D T A

Renteria 43 20 N 1 53 W
San Sebastian 43 19 N 1 59 W
Guetaria 43 18 N 2 12 W
Zumaya 43 18 N 2 15 W
Ondarroa 43 19 N 2 25 W
Lequeitio 43 22 N 2 29 W
Bermeo 43 25 N 2 43 W

Y G B T A

Nervion River
Santurce 43 20 N 3 02 W

P Petroleum **Q** Other Liquid Bulk **Y** Dry Bulk **G** General Cargo
C Containers **R** Ro-Ro **B** Bunkers **D** Dry Dock **T** Towage
A Airport (within 100km)

SPAIN *continued* — 52A

Las Arenas 43 19 N 3 00 W
Portugalete 43 19 N 3 02 W
Sestao 43 18 N 2 58 W
Bilbao 43 17 N 2 55 W
P Q Y G C R B D T A

Povena 43 20 N 3 07 W
Onton 43 22 N 3 11 W
Punta Saltacaballo 43 22 N 3 11 W
Dicido 43 22 N 3 12 W
Castro Urdiales 43 24 N 3 14 W
Sanovia 43 24 N 3 20 W
Santona 43 28 N 3 28 W
Santander 43 28 N 3 46 W
P Q Y G C R B D T A

Astillero 43 24 N 3 49 W
Suances 43 25 N 4 02 W
Requejada 43 20 N 4 05 W
Ribadesella 43 28 N 5 04 W
Villaviciosa 43 32 N 5 23 W
Gijon 43 33 N 5 40 W — 52B
P Q Y G C R B D T A

Musel 43 34 N 5 41 W
Cabo de Penas 43 39 N 5 51 W
San Juan de Nieva 43 35 N 5 56 W
Aviles 43 35 N 5 56 W
Q Y G C B T A

San Esteban de Pravia 43 34 N 6 05 W
Luarca 43 32 N 6 31 W
Puerto de Vega 43 34 N 6 38 W
Navia 43 33 N 6 43 W
Tapia de Casariego 43 34 N 6 56 W
Castropol 43 32 N 7 01 W
Ribadeo 43 32 N 7 02 W
Y G B A

Burela 43 39 N 7 20 W
Y G B

San Ciprian 43 42 N 7 27 W
P Q Y G R T

Cillero 43 41 N 7 36 W — 52C
Vivero 43 40 N 7 36 W
Y G B

Punta de la Estaca 43 47 N 7 41 W
Ortigueira 43 41 N 7 50 W
Carino 43 44 N 7 51 W
Cedeira 43 39 N 8 04 W
Sada 43 22 N 8 15 W
Ferrol 43 28 N 8 16 W
Q Y G R B D T A

Fene 43 28 N 8 10 W
Corunna 43 23 N 8 22 W
P Q Y G C R B T A

Corme 43 16 N 8 58 W
Lage 43 13 N 9 00 W
Cabo Villano 43 10 N 9 13 W
Camarinas 43 07 N 9 11 W
Cape Finisterre 42 53 N 9 16 W
Corcubion 42 57 N 9 11 W
Y G A

Cee 42 57 N 9 10 W — 52D
Muros 42 45 N 9 01 W
Arosa Bay
Santa Eugenia de Riveira 42 33 N 8 59 W
Caraminal 42 36 N 8 56 W
Carril 42 37 N 8 46 W
Villagarcia 42 36 N 8 46 W
Q Y G R B T A

Sangenjo 42 24 N 8 48 W
Pontevedra 42 25 N 8 39 W
Marin 42 24 N 8 42 W
Y G C B D T A

Cangas 42 16 N 8 46 W
Rande 42 17 N 8 40 W
Vigo 42 14 N 8 40 W
P Q Y G C R B T A

La Guardia 41 54 N 8 53 W p.28/29

PORTUGAL — 53A

Caminha 41 52 N 8 50 W
Viana do Castelo 41 41 N 8 50 W
Q Y G C R B D T A

Esposende 41 32 N 8 48 W
Leixoes 41 11 N 8 43 W
P Q Y G C R B T A

Matosinhos 41 11 N 8 41 W
River Douro
Douro 41 09 N 8 37 W
Q Y G B A

Aveiro 40 39 N 8 45 W
P Q Y G C R B D T A

Figueira da Foz 40 09 N 8 52 W
Y G C B D T

Nazare 39 36 N 9 05 W
San Martinho 39 31 N 9 09 W
Farilhoes Islands 39 29 N 9 32 W — 53B
Berlenga Island 39 25 N 9 30 W
Cabo Carvoeiro 39 22 N 9 24 W
Peniche 39 22 N 9 23 W
Cabo da Roca 38 46 N 9 30 W
Oitavos 38 41 N 9 28 W
Cascais 38 41 N 9 25 W
River Tagus (Rio Tejo)
Belem 38 41 N 9 13 W
Lisbon 38 44 N 9 07 W
P Q Y G C R B D T A

Barreiro 38 39 N 9 05 W
Cabo Espichel 38 25 N 9 14 W
Sesimbra 38 26 N 9 06 W
Setubal 38 30 N 8 55 W
Q Y G C R B D T A

Sines 37 57 N 8 52 W p.30
P Q Y G C R B T

Cabo de Sao Vicente 37 01 N 9 00 W
Sagres 36 59 N 8 56 W
Lagos 37 05 N 8 40 W — 53C
Portimao 37 08 N 8 32 W
Y G C R T A

Albufeira 37 05 N 8 15 W
Faro 37 01 N 7 55 W
P Q G B T A

Olhao 37 01 N 7 50 W
Tavira 37 08 N 7 39 W
River Guadiana
Vila Real de Santo Antonio
37 11 N 7 25 W
Pomarao 37 34 N 7 30 W

SPAIN

La Laja 37 30 N 7 28 W
Sanlucar de Guadiana 37 27 N 7 28 W
Ayamonte 37 13 N 7 24 W
Isla Cristina 37 12 N 7 20 W
Huelva 37 16 N 6 55 W
P Q Y G C R B D T

River Guadalquivir — 53D
Sanlucar de Barrameda 36 46 N 6 21 W
Bonanza 36 48 N 6 20 W
San Juan de Aznalfarache
37 21 N 6 02 W
Seville 37 22 N 6 00 W
Y G C R B D T A

Chipiona 36 44 N 6 26 W
Rota 36 37 N 6 22 W
Puerto de Santa Maria 36 36 N 6 14 W
P Q Y G C B A

Puerto Real 36 32 N 6 11 W
San Fernando 36 28 N 6 12 W
Cadiz 36 30 N 6 20 W
P Q Y G C R B D T A

Cape Trafalgar 36 11 N 6 02 W
Barbate 36 10 N 5 59 W
Punta Camarinal 36 05 N 5 48 W
Tarifa 36 00 N 5 36 W

Getares 36 05 N 5 26 W — 54A
Algeciras 36 07 N 5 26 W
P Q Y G C R B T A

San Roque 36 11 N 5 24 W
Puente Mayorga 36 10 N 5 23 W
La Linea 36 10 N 5 21 W

GIBRALTAR (United Kingdom)

Gibraltar 36 09 N 5 20 W
P Y G C R B D T A

Europa Point 36 06 N 5 21 W

MEDITERRANEAN SEA

SPAIN

Estepona 36 25 N 5 09 W
Puerto Banus 36 29 N 4 56 W
Marbella 36 30 N 4 53 W
Malaga 36 41 N 4 26 W
Q Y G C R B D T A

Nerja 36 44 N 3 53 W — 54B
Almunecar 36 44 N 3 41 W
Salobrena 36 45 N 3 35 W
Motril 36 43 N 3 31 W
P Q Y G R B T A

Adra 36 43 N 3 02 W
Roquetas 36 45 N 2 37 W
Almeria 36 50 N 2 30 W
P Y G R T A

Cabo de Gata 36 43 N 2 11 W
Agua Amarga 36 56 N 1 56 W
Carboneras 37 00 N 1 53 W
Y B T A

Garrucha 37 10 N 1 50 W
Y G B T A

Villaricos 37 15 N 1 47 W
Aguilas 37 24 N 1 34 W
Y G

Hornillo 37 25 N 1 34 W — 54C
Mazarron 37 34 N 1 15 W
La Calera 37 34 N 1 12 W p.28/29
Cartagena 37 35 N 0 59 W
P Q Y G C R B D T A

Escombreras 37 33 N 0 58 W
Portman 37 35 N 0 51 W
Cabo de Palos 37 38 N 0 41 W
San Pedro del Pinatar 37 49 N 0 45 W
Torrevieja 37 58 N 0 41 W
Y G B A

Santa Pola 38 12 N 0 34 W
Alicante 38 20 N 0 29 W
P Q Y G C R B T A

Cabo de las Huertas 38 21 N 0 24 W
Villajoyosa 38 30 N 0 14 W
Altea 38 36 N 0 03 W
Cabo de la Nao 38 44 N 0 14 E
Javea 38 48 N 0 11 E — 54D
Denia 38 50 N 0 07 E

BALEARIC ISLANDS

Ibiza Island
Ibiza 38 54 N 1 28 E
P Q G R B T A

La Canal 38 50 N 1 23 E
Formentera Island
La Savina 38 44 N 1 25 E
G R

Cabrera Island 39 08 N 2 55 E
Majorca (Mallorca) Island
Palma (Palma de Mallorca)
39 33 N 2 38 E
P Y G C R B T A

Porto Pi 39 33 N 2 37 E
Soller 39 48 N 2 41 E
Puerto Pollensa 39 53 N 3 04 E

55A

Alcudia 39 50 N 3 08 E

P Q G C R B T A

Dragonera Island 39 34 N 2 18 E

Minorca (Menorca) Island

Mahon 39 52 N 4 18 E

Q G C R B T A

Ciudadela 40 00 N 3 50 E

Gandia 39 00 N 0 09 W

Y G C R B T A

Cullera 39 11 N 0 13 W

Valencia 39 27 N 0 18 W

P Q Y G C R B D T A

Grao de Murviedro 39 38 N 0 15 W

Sagunto 39 39 N 0 13 W

Y G C R B T A

Burriana 39 52 N 0 04 W

G B A

55B

Castellon 39 58 N 0 01 E

P Q Y G C R B T A

Benicarlo 40 25 N 0 26 E

Vinaroz 40 28 N 0 28 E

Alcanar 40 35 N 0 33 E

San Carlos de la Rapita 40 36 N 0 36 E

Y G B A

Alfaques 40 36 N 0 40 E

Cabo de Tortosa 40 43 N 0 55 E

Tarragona 41 06 N 1 14 E

P Q Y G C R B T A

Villanueva y Geltru 41 13 N 1 44 E

Sitges 41 14 N 1 50 E

Vallcarca 41 14 N 1 52 E

Barcelona 41 21 N 2 10 E p.31

P Q Y G C R B C T A

Badalona 41 27 N 2 15 E

Blanes 41 40 N 2 48 E

San Feliu de Guixols 41 46 N 3 01 E

Y G B A

55C

Palamos 41 50 N 3 08 E

Y G C R B A

Rosas 42 15 N 3 11 E

G B A

Port Selva 42 20 N 3 12 E

Portbou 42 25 N 3 09 E

FRANCE

Port Vendres 42 31 N 3 07 E

Q G R B A

Collioure 42 32 N 3 05 E

Barcares de Saint Laurent 42 47 N 3 02 E

La Nouvelle 43 01 N 3 04 E

P Q Y G R B T A

Sete 43 24 N 3 42 E

P Q Y G C R B A

55D

Balaruc 43 28 N 3 41 E

Salin de Giraud 43 24 N 4 44 E

River Rhone

Arles 43 41 N 4 38 E

Lyon 45 44 N 4 49 E

River Saone

Chalon-sur-Saone 46 47 N 4 50 E

Golfe de Fos

St. Louis du Rhone 43 23 N 4 49 E

P Q G R B T A

Fos 43 23 N 4 51 E

P Q Y G C R B A

Port de Bouc 43 24 N 4 59 E

Q Y G T A

Caronte 43 24 N 5 02 E

Lake Berre

Etang de Berre 43 29 N 5 10 E

P Q B T A

La Mede 43 24 N 5 06 E

Martigues 43 24 N 5 03 E

Lavera 43 23 N 5 00 E

56A

P Q B T A

Port de la Lave 43 22 N 5 18 E

L'Estaque 43 22 N 5 19 E

Marseilles (Marseille) 43 20 N 5 21 E

P Q Y G C R B D T A

Cassis 43 13 N 5 32 E

La Ciotat 43 10 N 5 36 E

Sanary-sur-Mer 43 07 N 5 48 E

La Seyne 43 06 N 5 53 E

Toulon 43 07 N 5 55 E

Y G C R B D T A

Hyeres-Plage 43 05 N 6 09 E

Hyeres Island

Porquerolles 42 59 N 6 12 E

Le Lavandou 43 08 N 6 22 E

St. Tropez 43 16 N 6 38 E

Ste. Maxime 43 18 N 6 38 E

St. Raphael 43 24 N 6 47 E

Cannes 43 31 N 7 01 E

56B

Antibes 43 35 N 7 09 E

Nice 43 42 N 7 17 E

G R B A

Villefranche 43 42 N 7 19 E

Beaulieu 43 42 N 7 20 E

MONACO

Monte Carlo 43 44 N 7 25 E

G A

FRANCE

Menton 43 47 N 7 30 E

CORSICA (CORSE)

Cap Corse 43 00 N 9 22 E

Bastia 42 42 N 9 27 E

P G R B A

Lucciana Terminal 42 32 N 9 33 E

56C

Solenzara 41 52 N 9 24 E

Porto Vecchio 41 36 N 9 17 E

G R A

Cap Pertusato 41 22 N 9 11 E

Bonifacio 41 23 N 9 06 E

G R A

Propriano 41 40 N 8 54 E

G R B A

Ajaccio 41 55 N 8 44 E

G R B T A

Calvi 42 35 N 8 48 E

G R B A

Ile Rousse 42 39 N 8 56 E

G R A

St. Florent 42 41 N 9 18 E

ITALY

56D

SARDINIA (SARDEGNA)

Cape Testa 41 14 N 9 08 E

Santa Teresa Gallura 41 14 N 9 10 E

Maddalena Island

La Maddalena 41 13 N 9 24 E

G B D T

Palau 41 11 N 9 23 E

Porto Cervo 41 07 N 9 31 E

Golfo Aranci 41 00 N 9 37 E

Olbia 40 55 N 9 34 E

G R B T A

Arbatax 39 56 N 9 42 E p.28/29

G C R B T A

Cape Carbonara 39 06 N 9 31 E

Cagliari 39 12 N 9 05 E

P Q Y G C R B T A

Sarroch 39 05 N 9 02 E

57A

P Q G T A

Cape Spartivento 38 53 N 8 51 E

Sant' Antioco Island

Sant' Antioco 39 02 N 8 26 E

Y G B A

San Pietro Island

Carloforte 39 09 N 8 19 E

Porto Vesme 39 12 N 8 24 E

P Q Y G R B T A

Portoscuso 39 13 N 8 22 E

Porto Flavia 39 20 N 8 26 E

Gulf of Oristano

Oristano 39 52 N 8 33 E

P Q Y G C R T A

Alghero 40 34 N 8 19 E p.31

G B A

Cape Argentiera 40 44 N 8 08 E

Asinara Island 41 06 N 8 18 E

57B

Porto Torres 40 50 N 8 24 E

P Q Y G C R B T A

Cape Mortola 43 47 N 7 33 E

Ventimiglia 43 47 N 7 36 E

Bordighera 43 47 N 7 40 E

San Remo 43 49 N 7 47 E

G B A

Riva Ligure 43 50 N 7 53 E

Imperia 43 53 N 8 02 E

Q G C B A

Pietra Ligure 44 09 N 8 17 E

Vado Ligure 44 16 N 8 26 E

Savona 44 18 N 8 29 E

P Q Y G C R B T A

Voltri 44 26 N 8 45 E

Multedo 44 25 N 8 50 E

Sestri Ponente 44 25 N 8 51 E

Genoa (Genova) 44 25 N 8 55 E

P Q Y G C R B D T A

Recco 44 22 N 9 09 E

57C

Camogli 44 21 N 9 09 E

Portofino 44 18 N 9 14 E

Santa Margherita 44 20 N 9 13 E

Rapallo 44 21 N 9 14 E

Sestri Levante 44 16 N 9 23 E

Portovenere 44 02 N 9 51 E

La Spezia 44 07 N 9 50 E

P Q Y G C R B D T A

Sarzana 44 07 N 9 58 E

Ameglia 44 04 N 9 58 E

Pertusola 44 05 N 9 53 E

Marina di Carrara 44 02 N 10 03 E

Y G C R B T A

Viareggio 43 52 N 10 15 E

Navicelli Canal

Pisa 43 43 N 10 24 E

River Arno

Limite 43 43 N 10 57 E

Leghorn (Livorno) 43 33 N 10 19 E

57D

P Q Y G C R B D T A

Gorgona Island 43 26 N 9 53 E

Porto Baratti 43 00 N 10 30 E

Vada 43 21 N 10 27 E

Q G

Piombino 42 56 N 10 33 E

P Y G R B T A

Elba Island

Portoferraio 42 49 N 10 20 E

Y G B A

Rio Marina 42 49 N 10 26 E

Porto Azzurro 42 46 N 10 24 E

Calamita 42 43 N 10 24 E

Vallone 42 42 N 10 24 E

Follonica 42 55 N 10 45 E

P Q Y G A

Portiglione 42 53 N 10 46 E

P Petroleum **Q** Other Liquid Bulk **Y** Dry Bulk **G** General Cargo
C Containers **R** Ro-Ro **B** Bunkers **D** Dry Dock **T** Towage
A Airport (within 100km)

ITALY *continued* — 58A

Talamone 42 33 N 11 08 E
G

Santa Liberata 42 25 N 11 09 E
Porto Santo Stefano 42 27 N 11 07 E
P Y G B

Giglio Island 42 22 N 10 55 E
Civitavecchia 42 06 N 11 48 E
P Y G C R B T A

Fiumicino 41 46 N 12 14 E p.28/29
P G B T A

Ostia 41 43 N 12 18 E
Anzio 41 27 N 12 38 E
G A

Terracina 41 17 N 13 15 E
Ponza Island
Ponza 40 54 N 12 58 E
Gaeta 41 13 N 13 35 E — 58B
P Y G R B D T A

Formia 41 15 N 13 36 E
Y G R B

Procida Island p.31
Procida 40 47 N 14 02 E
Ischia Island
Porto d'Ischia 40 44 N 13 57 E
Miseno 40 47 N 14 05 E
Baia 40 49 N 14 05 E
Pozzuoli 40 49 N 14 07 E
P G B A

Bagnoli 40 48 N 14 10 E
Y G B A

Naples (Napoli) 40 51 N 14 16 E
P Q Y G C R B D T A

Portici 40 49 N 14 20 E
G B A

Torre del Greco 40 47 N 14 22 E — 58C
Torre Annunziata 40 45 N 14 27 E
Y G A

Castellammare di Stabia 40 42 N 14 29 E
G R B A

Sorrento 40 38 N 14 23 E
Massalubrense 40 36 N 14 20 E
Punta Campanella 40 34 N 14 20 E
Capri Island
Marina Grande 40 33 N 14 15 E
Positano 30 37 N 14 28 E
Amalfi 40 38 N 14 36 E
Minori 40 39 N 14 38 E
Maiori 40 39 N 14 39 E
Salerno 40 41 N 14 46 E
G C R B T A

Agropoli 40 20 N 14 58 E p.28/29
Scario 40 03 N 15 30 E
Paola 39 22 N 16 02 E
Vibo Valentia 38 43 N 16 08 E — 58D
Lipari Islands
Stromboli Island 38 48 N 15 15 E
Panarea Island 38 38 N 15 04 E
Salina Island
Salina 38 34 N 14 52 E
Rinella 38 33 N 14 50 E
Lipari Island
Lipari 38 28 N 14 57 E
G B
Canneto 38 30 N 14 58 E
Vulcano Island
La Fabbrica 38 24 N 14 58 E
Ustica Island
Ustica 38 42 N 13 11 E
Gioia Tauro 38 26 N 15 54 E
C R T

Bagnara Calabra 38 16 N 15 48 E
Scilla 38 15 N 15 43 E
Villa San Giovanni 38 12 N 15 37 E

SICILY (SICILIA) — 59A

Messina 38 12 N 15 34 E
Y G R B D T A

Forte Spuria 38 16 N 15 37 E
Milazzo 38 13 N 15 15 E
P Q G R B T

Termini Imerese 37 59 N 13 42 E
Porticello 38 05 N 13 32 E
Palermo 38 07 N 13 22 E
P Q Y G C R B D T A

Castellammare del Golfo 38 02 N 12 53 E
Trapani 38 02 N 12 31 E
Q G C R B D T A

Egadi Islands
Favignana Island
Favignana 37 56 N 12 20 E
Marsala 37 48 N 12 26 E
P Q Y G B A

Mazara del Vallo 37 39 N 12 35 E — 59B
Q G B A

Sciacca 37 30 N 13 05 E
Porto Empedocle 37 17 N 13 32 E
Y G R B T

Licata 37 06 N 13 56 E
Y G B

Gela 37 04 N 14 15 E
P Q Y G B T A

Scoglitti 36 53 N 14 26 E
Vega Terminal 36 32 N 14 37 E
Pozzallo 36 43 N 14 51 E
Cape Passero 36 41 N 15 09 E
Pantelleria Island 36 47 N 12 00 E
Pelagie Islands
Linosa Island 35 52 N 12 51 E
Lampedusa Island
Lampedusa 35 30 N 12 36 E
Q G B A

Avola 36 54 N 15 09 E — 59C
Siracusa (Syracuse) 37 03 N 15 18 E
Y G B T A

Santa Panagia (Melilli) 37 07 N 15 16 E
P Q B T A

Priolo 37 09 N 15 12 E
Magnisi 37 09 N 15 15 E
Augusta 37 12 N 15 13 E
P Q Y G C R B D T A

Porto Xifonio 37 14 N 15 14 E
Catania 37 31 N 15 06 E
P Y G C R B T A

Acireale 37 36 N 15 11 E
Riposto 37 44 N 15 13 E
Giardini 37 50 N 15 17 E
Taormina 37 51 N 15 18 E

MALTA — 59D

Valletta 35 54 N 14 31 E
P Q Y G C R B D T A

Marsaxlokk 35 49 N 14 34 E
P Q G C R B T A

Gozo (Ghawdex) Island
Mgarr 36 01 N 14 18 E

ITALY

Reggio di Calabria 38 07 N 15 39 E
G R B A

Cape Armi 37 57 N 15 41 E
Cape Spartivento 37 55 N 16 04 E
Soverato 38 41 N 16 33 E
Marina di Catanzaro 38 49 N 16 37 E
Cape Colonne 39 02 N 17 12 E
Crotone 39 05 N 17 08 E
P Q Y G B T

Ciro Marina 39 22 N 17 08 E — 60A
Y

Schiavonia 39 38 N 16 32 E
Corigliano 39 40 N 16 31 E
Trebisacci 39 52 N 16 32 E
Taranto 40 27 N 17 12 E
P Y G C R B T A

Gallipoli 40 03 N 18 00 E
G B A

Otranto 40 09 N 18 30 E
G B A

Brindisi 40 39 N 17 59 E
P Q Y G C R B T A

Monopoli 40 57 N 17 18 E
Q Y G R B A

Bari 41 08 N 16 53 E
P Y G C R B T A

Molfetta 41 13 N 16 38 E — 60B
Y G B A

Barletta 41 19 N 16 16 E
P Y G B T A

Margherita di Savoia 41 23 N 16 09 E
Manfredonia 41 37 N 15 55 E
P Q G B T A

Termoli 42 00 N 15 00 E
Vasto 42 06 N 14 43 E
P Y G B

Ortona 42 21 N 14 25 E
P Y G R B A

Pescara 42 28 N 14 14 E
G B A

San Benedetto del Tronto 42 57 N 13 53 E — 60C
P G

Porto Recanati 43 25 N 13 40 E p.31
Ancona 43 36 N 13 31 E
P Y G C R B T A

Falconara 43 40 N 13 24 E
Senigallia 43 42 N 13 03 E
Fano 43 51 N 13 01 E
Pesaro 43 55 N 12 54 E
P Y G B A

Cattolica 43 58 N 12 46 E
Rimini 44 04 N 12 35 E
Porto Corsini 44 29 N 12 17 E
Ravenna 44 25 N 12 27 E
P Q Y G C R B D T A

Porto Garibaldi 44 40 N 12 14 E
River Po
Porto Levante 45 04 N 12 22 E
Donada 45 03 N 12 13 E
Taglio di Po 44 59 N 12 12 E
Boretto 44 54 N 10 33 E
Cremona 45 08 N 10 01 E — 60D
Pavia 45 11 N 9 08 E
Chioggia 45 13 N 12 17 E
Y G R B T A

Pellestrina 45 16 N 12 18 E
Lido 45 25 N 12 26 E
Venice (Venezia) 45 26 N 12 20 E
P Q Y G C R B D T A

Porto Marghera 45 28 N 12 17 E
Santa Margherita 45 35 N 12 52 E
Porto Nogaro 45 49 N 13 14 E
G C A

Porto Buso 45 43 N 13 15 E
Torviscosa 45 50 N 13 17 E
Monfalcone 45 47 N 13 33 E
P Y G C R B T A

Sistiana 45 46 N 13 38 E

Trieste 45 39 N 13 48 E

P	Q	Y	G	C	R	B	D	T	A	

Servola 45 38 N 13 47 E
Zaule 45 36 N 13 47 E
Muggia 45 36 N 13 45 E

SLOVENIA

Koper (Capodistria) 45 33 N 13 44 E

P	Q	Y	G	C	R	B	T	A		

Izola 45 33 N 13 40 E

G	R	B	D	A						

Piran 45 32 N 13 34 E
Portoroz 45 31 N 13 35 E

CROATIA

Umag 45 26 N 13 31 E
Novigrad (Cittanova) 45 19 N 13 34 E
Luka Mirna (Port Quito) 45 18 N 13 34 E
Tar (Val di Torre) 45 19 N 13 36 E
Porec (Parenzo) 45 14 N 13 36 E
Vrsar (Orsera) 45 09 N 13 36 E
Limski Canal (Canal di Leme)
45 07 N 13 36 E
Rovinj (Rovigno) 45 05 N 13 38 E

G	A									

Brijuni Island
Brijuni 44 54 N 13 47 E
Pula (Pola) 44 53 N 13 50 E

Y	G	C	R	B	A					

Budava 44 54 N 13 59 E
Rasa 45 02 N 14 04 E

Y	G	A								

Sv. Mikula 44 59 N 14 05 E
Gradac 44 58 N 14 06 E
Koromacno 44 58 N 14 07 E
Prtlog 45 03 N 14 09 E
Rabac 45 04 N 14 10 E
Plomin 45 08 N 14 12 E

Y	R	A								

Opatija (Abbazia) 45 20 N 14 19 E
Rijeka (Fiume) 45 19 N 14 26 E

P	Q	Y	G	C	R	B	D	T	A	

Urinj 45 16 N 14 34 E
Bakar 45 18 N 14 32 E
Kraljevica 45 17 N 14 34 E
Crikvenica 45 10 N 14 42 E
Novi Vinodolski 45 08 N 14 48 E
Senj 45 00 N 14 53 E
Sveti Juraj 44 56 N 14 55 E
Krk (Veglia) Island
Krk (Veglia) 45 01 N 14 35 E
Malinska 45 07 N 14 31 E
Omisalj 45 13 N 14 33 E

P	Q	B	A							

Cres (Cherso) Island
Beli 45 06 N 14 22 E
Cres (Cherso) 44 58 N 14 25 E
Losinj Island
Mali Losinj (Lussinpiccolo)
44 32 N 14 28 E
Rab (Arbe) Island
Rab (Arbe) 44 45 N 14 46 E
Velika Stinica 44 43 N 14 52 E
Jablanac 44 42 N 14 52 E
Karlobag 44 30 N 15 07 E
Pag (Pago) Island
Pag (Pago) 44 27 N 15 03 E
Maslenica 44 13 N 15 32 E
Zadar (Zara) 44 07 N 15 14 E

P	Q	Y	G	R	D	T	A			

Gazenica 44 05 N 15 16 E
Ugljan Island
Lamjana 44 01 N 15 14 E
Dugi Island
Veli Rat 44 09 N 14 49 E
Sali 43 55 N 15 10 E
Vodice 43 45 N 15 47 E
Sibenik 43 44 N 15 54 E

Q	Y	G	R	B	T	A				

Primosten 43 35 N 15 55 E

61A 61B 61C 61D

Rogoznica 43 32 N 15 58 E
Trogir 43 31 N 16 15 E
Kastel Sucurac 43 33 N 16 25 E p.28/29
Solin 43 32 N 16 28 E
Supaval Bay 43 30 N 16 23 E
Vranjic 43 30 N 16 27 E
Split (Spalato) 43 30 N 16 27 E

P	Q	Y	G	R	B	D	T	A		

Solta Island 43 24 N 16 12 E
Brac Island
Supetar 43 23 N 16 33 E
Milna 43 19 N 16 27 E
Bol 43 15 N 16 39 E
Pucise 43 20 N 16 43 E
Dugi Rat 43 27 N 16 39 E
Omis 43 26 N 16 42 E
Ravnice 43 25 N 16 42 E
Makarska 43 17 N 17 01 E
Hvar Island
Hvar 43 16 N 16 27 E

G										

Stari Grad 43 12 N 16 33 E
Vis Island
Komiza 43 02 N 16 05 E
Korcula Island
Korcula 42 48 N 17 08 E

G										

Vela Luka 42 59 N 16 37 E
Brna 42 54 N 16 51 E
Lastovo Island
Lastovo 42 46 N 16 54 E
Ploce 43 02 N 17 25 E

P	Q	Y	G	C	R	B	T			

Rogotin 43 03 N 17 29 E
Metkovic 43 03 N 17 39 E
Gruz 42 40 N 18 05 E
Dubrovnik (Ragusa) 42 38 N 18 07 E

P	Y	G	C	R	A					

Cavtat 42 34 N 18 13 E

SERBIA AND MONTENEGRO

Hercegnovi 42 27 N 18 32 E
Zelenika 42 27 N 18 35 E
Bijela 42 27 N 18 40 E
Lipci 42 29 N 18 40 E
Risan 42 31 N 18 42 E
Kotor 42 25 N 18 46 E

P	G	B	T	A						

Tivat 42 26 N 18 42 E
Budva 42 17 N 18 51 E
Petrovac 42 12 N 18 55 E
Bar 42 05 N 19 05 E

P	Q	Y	G	C	R	B	T	A		

Ulcinj 41 55 N 19 12 E

ALBANIA

Shengjin 41 49 N 19 36 E

G	T									

Durres (Durazzo) 41 19 N 19 27 E

P	Y	G	C	R	T	A				

Vlore (Valona) 40 29 N 19 29 E

P	Y	G	R							

Himare 40 08 N 19 43 E
Sarande 39 53 N 20 00 E

G										

GREECE

Corfu (Kerkira) Island
Corfu (Kerkira) 39 37 N 19 57 E

P	Q	Y	G	R	B	T	A			

Igoumenitsa 39 32 N 20 13 E

P	Y	G	R	B	T	A				

Gulf of Arta
Preveza 38 57 N 20 45 N

P	Y	G	B	A						

Cape Kopraina 39 02 N 21 06 E

62A 62B 62C 62D

Amfilochia 38 52 N 21 10 E
Levkas Island
Drepanon 38 47 N 20 44 E
Astakos 38 32 N 21 05 E

G	C	B	A							

Platiyali 38 28 N 21 06 E
Ithaka Island
Vathi 38 22 N 20 44 E

G	R	B								

Stavros 38 27 N 20 39 E
Cephalonia (Kefallinia) Island

Y	G	A								

Lixuri 38 12 N 20 28 E
Argostoli 38 12 N 20 29 E
Samos 38 15 N 20 40 E
Zante (Zakinthos) Island
Zante (Zakinthos) 37 47 N 20 54 E

G	A									

Mesolongion (Mesolongi) 38 19 N 21 22 E

G	R									

Krioneri 38 21 N 21 35 E
Navpaktos 38 24 N 21 49 E
Eratini 38 21 N 22 14 E
Itea 38 26 N 22 25 E

Y	G	R	B							

Aspra Spitia 38 22 N 22 38 E
Andikiron Bay 38 21 N 22 40 E
Thisvi 38 15 N 22 57 E
Corinth Canal
Corinth (Korinthos) 37 57 N 22 56 E
Poseidonia 37 57 N 22 57 E
Isthmia 37 55 N 23 00 E
Kiato 38 01 N 22 44 E
Valimitika 38 14 N 22 08 E
Aegion 38 15 N 22 06 E
Rion 38 18 N 21 48 E
Patras 38 15 N 21 44 E

P	Q	Y	G	C	R	B	T			

Alyssos 38 09 N 21 35 E
Araxos 38 10 N 21 24 E
Kyllini 37 57 N 21 09 E
Katakolon 37 39 N 21 20 E

Y	G	B	T							

Pyrgos 37 40 N 21 27 E
Kyparissia 37 15 N 21 41 E
Proti Island 37 03 N 21 33 E
Navarino Bay
Pylos (Pilos) 36 55 N 21 42 E

G	B	T	A							

Sfaktiria Island 36 57 N 21 40 E
Methoni 36 50 N 21 43 E
Kalamata 37 00 N 22 07 E

P	Y	G	C	R	B	A				

Cape Tainaron (Cape Matapan) p.32
36 23 N 22 29 E
Gythion (Yithion) 36 45 N 22 34 E

G										

Plytra 36 41 N 22 50 E
Kelendhi Point 36 33 N 22 56 E
Vatika Bay 36 31 N 23 00 E
Cape Maleas 36 26 N 23 12 E
Kithira Island
Kithira 36 08 N 23 00 E
Monemvasia 36 41 N 23 03 E
Nauplia (Navplion) 37 34 N 22 48 E

G										

Kheli 37 19 N 23 09 E
Spetsai Island 37 16 N 23 10 E
Ermioni 37 23 N 23 14 E
Hydra (Idhra) Island 37 21 N 23 28 E
Poros 37 30 N 23 28 E
Epidaurus (Epidhavros) 37 38 N 23 10 E
Aegina (Aiyina) Island
Aegina (Aiyina) 37 44 N 23 25 E
Ayia Marina 37 44 N 23 32 E
Metokhi 37 42 N 23 23 E
Kalamaki Bay
Kalamaki 37 55 N 23 01 E

P	Y	G	B							

63A 63B 63C 63D

P Petroleum **Q** Other Liquid Bulk **Y** Dry Bulk **G** General Cargo
C Containers **R** Ro-Ro **B** Bunkers **D** Dry Dock **T** Towage
A Airport (within 100km)

GREECE *continued*

64A

Sousaki 37 55 N 23 07 E
Agioi Theodoroi 37 54 N 23 03 E
P Q B T A
Pachi (Pakhi) 37 58 N 23 23 E
P A
Megara 37 58 N 23 24 E
P A
Salamis Island
Ambelaki Bay
Ambelaki 37 57 N 23 32 E
Cape Kynosoura 37 57 N 23 35 E
Eleusis 38 02 N 23 30 E
P Q Y G B T A
Skaramanga 38 00 N 23 35 E
Aspropyrgos 38 01 N 23 35 E
P Q B A
Perama 37 57 N 23 35 E

64B

Keratsini Bay
St. George Harbour (Irakleous Harbour) 37 57 N 23 36 E
Drapetzona 37 56 N 23 37 E
Piraeus 37 56 N 23 38 E
P Q Y G C R B D T A
Phaleron Bay 37 56 N 23 41 E
Fleves Island 37 46 N 23 46 E
Kithnos Island 37 24 N 24 28 E
Serifos Island
Serifos 37 07 N 24 32 E
Koutala 37 08 N 24 27 E
Livadhi 37 08 N 24 32 E
Sifnos Island 36 58 N 24 43 E
Kimolos Island
Kimolos 36 47 N 24 34 E
Milos Island
Y G R
Kastro 36 45 N 24 26 E
Voudia Bay 36 45 N 24 32 E
Adhamas 36 43 N 24 27 E
Kanaba 36 42 N 24 28 E

64C

Folegandros Island
Karavostassi 36 37 N 24 58 E
Crete (Kriti) Island
Iraklion (Heraklion) 35 16 N 25 10 E
P Q Y G C R B T A
Spinalonga 35 18 N 25 45 E
Ayios Nikolaos 35 11 N 25 43 E
Y G B A
Mokhlos 35 06 N 25 49 E
Pachia Ammos 35 07 N 25 50 E
Altsi 35 10 N 25 53 E
Sitia 35 13 N 26 07 E
Ierapetra 35 00 N 25 45 E
Kali Limenes 34 56 N 24 50 E
B T A
Ayia Galini 35 06 N 24 41 E
Sfakia 35 12 N 24 09 E
Paleochora 35 12 N 23 41 E
Gavdo (Gavados) Island
34 50 N 24 04 E
Kissamos 35 29 N 23 38 E

64D

Canea (Khania) 35 31 N 24 01 E
Suda Bay 35 29 N 24 03 E
Q G A
Georgioupoli 35 21 N 24 16 E
Rethimnon 35 22 N 24 28 E
G A
Panormos Bay 35 25 N 24 42 E
Thira (Santorini) Island
Thira 36 25 N 25 27 E
Amorgos Island
Krikelo 36 54 N 26 03 E
Aigialli 36 54 N 25 59 E
Katapola Bay 36 50 N 25 52 E
Naxos Island
Matsuna 37 05 N 25 37 E
Naxos 37 06 N 25 23 E
Paros Island
Paros 37 05 N 25 19 E
Delos (Dhilos) Island 37 24 N 25 17 E
Mykonos Island

65A

Y G A
Mykonos 37 27 N 25 20 E
Ayias Annas 37 26 N 25 25 E
Syros Island
Syros 37 26 N 24 57 E
G B D T A
Tinos Island
Tinos 37 32 N 25 10 E
Panormos 37 39 N 25 04 E
Andros Island
Gavrion 37 53 N 24 45 E
Kea Island
Ayios Nikolaos 37 40 N 24 19 E
Makronisi Island 37 43 N 24 08 E
Laurium (Lavrion) 37 42 N 24 04 E
P Q Y G T A
Rafina 38 01 N 24 00 E
Oropos 38 19 N 23 48 E
Euboea (Evvoia) Island
Chalkis (Khalkis) 38 27 N 23 36 E

65B

Q Y G R B T
Psakhna 38 33 N 23 36 E
Limni 38 46 N 23 19 E
Kymassi 38 49 N 23 31 E
P Y G
Mandoudhi 38 49 N 23 32 E
Pyli 38 46 N 23 35 E
Kimi 38 38 N 24 06 E
Karistos 38 01 N 24 25 E
Skyros Island
Lithari Point 38 47 N 24 41 E
Euboea (Evvoia) Island
Milaki 38 22 N 24 04 E
Aliveri 38 23 N 24 03 E
P Y G T
Levkandi 38 25 N 23 41 E
Larimna 38 34 N 23 18 E
Atalantis Bay
Ayios Ioannis Theologos 38 39 N 23 12 E
Tragana 38 40 N 23 06 E

65C

Ayios Konstantinos 38 45 N 22 52 E
Ayia Marina 38 53 N 22 35 E
Y
Stylis 38 54 N 22 37 E
G B
Achladi (Akhladhi) 38 53 N 22 49 E
Y G B
Amaliapolis 39 10 N 22 52 E
Volos 39 21 N 22 57 E
P Y G C R B T A
Skiathos Island
Skiathos 39 10 N 23 29 E
Skopelos Island
Skopelos 39 07 N 23 45 E
Thessaloniki (Salonica) 40 38 N 22 56 E
P Q Y G C R B D T A
Nea Playia 40 16 N 23 13 E
Nea Moudhania 40 14 N 23 17 E

65D

Y T A
Kalyvia 40 16 N 23 24 E
Yerakini 40 16 N 23 26 E
Y G B A
Ormilia 40 15 N 23 34 E
Psahoudia 40 13 N 23 36 E
Stratoni 40 31 N 23 51 E
Nea Peramos 40 49 N 24 18 E
Elevtherai 40 50 N 24 19 E
Kavala 40 55 N 24 25 E
P Q Y G R B T A
Nea Karvali 40 57 N 24 29 E
Prinos Terminal 40 56 N 24 31 E
Thasos Island
Limenaria 40 38 N 24 35 E
Lagos 41 00 N 25 07 E
Lemnos Island
Kastro 39 53 N 25 04 E
Myrina 39 52 N 25 03 E
Ayios Evstratios

66A

Ayios Evstratios 39 31 N 24 58 E
Samothraki Island
Kamariotissa Bay 40 28 N 25 29 E
Cape Akrotiri 40 28 N 25 27 E
Alexandroupolis 40 51 N 25 57 E
P Y G R B T A
TURKEY
SEA OF MARMARA
Kabatepe 40 12 N 26 16 E
Dardanelles
Gelibolu (Gallipoli) 40 25 N 26 41 E
G
Cape Mehmetcik 40 02 N 26 11 E
Tekirdag 40 57 N 27 30 E
Q Y G C R T A
Eregli 40 58 N 27 58 E
Silivri 41 03 N 28 16 E

66B

Buyuk Cekmece 40 59 N 28 33 E
Ambarli 40 58 N 28 42 E
P Y G R C B T A
Zeytinburnu 40 58 N 28 54 E
Bosporus
Istanbul 41 00 N 28 58 E
R D A
Beyolgu 41 02 N 28 59 E
Selvi Burnu 41 09 N 29 04 E
Rumelikavagi 41 11 N 29 04 E
Buyukdere 41 11 N 29 03 E
BLACK SEA
Podima 41 29 N 28 17 E
Kiyikoy (Midye) 41 38 N 28 07 E
BULGARIA
Michurin 42 10 N 27 54 E
Druzba 42 27 N 27 32 E

66C

Sozopol 42 24 N 27 41 E
Bourgas (Burgas) 42 30 N 27 29 E
P Q Y G C R B D T A
Pomorie 42 32 N 27 39 E
Nessebar 42 40 N 27 44 E p.28/29
Lesport 43 10 N 27 49 E
Varna 43 12 N 27 55 E
P Q Y G C R B D T A
Balchik 43 23 N 28 11 E
Kavarna 43 27 N 28 21 E
Cape Kaliakra 43 22 N 28 30 E
ROMANIA
Mangalia 43 49 N 28 35 E
G B D T A
Agigea 44 06 N 28 37 E
Constantza 44 10 N 28 39 E
P Q Y G C R B D T A
Luminitza 44 21 N 28 38 E

66D

Midia 44 21 N 28 41 E
River Danube
Sulina 45 09 N 29 39 E
Y G C B T A
Tulcea 45 10 N 28 49 E
Y G B T A
Vilkovo **(Ukraine)** 45 24 N 29 36 E
Kiliya **(Ukraine)** 45 26 N 29 16 E
Y G
Caslita **(Ukraine)** 45 24 N 29 02 E
Izmail (Ismail) **(Ukraine)** 45 20 N 28 51 E
Y G C R B T
Isaccea 45 15 N 28 28 E
Reni **(Ukraine)** 45 26 N 28 18 E
P Q Y G C R B T A

67A

Galatz (Galati) 45 25 N 28 05 E
Y G B D T

Braila 45 15 N 27 59 E
P Y G B D T

Cernavoda 44 21 N 28 02 E
Calarasi 44 11 N 27 19 E
Silistra **(Bulgaria)** 44 06 N 27 15 E
Tutrakan **(Bulgaria)** 44 02 N 26 40 E
Oltenitza 44 02 N 26 35 E
Giurgiu 43 54 N 25 58 E
Rousse **(Bulgaria)** 43 50 N 25 58 E
Kozloduy 43 47 N 23 43 E
Lom **(Bulgaria)** 43 50 N 23 12 E
Y G

Turnu Severin 44 38 N 22 40 E
Kladovo **(Serbia & Montenegro)** 44 36 N 22 33 E
Orsova 44 42 N 22 25 E
Bazias 44 48 N 21 24 E
Pancevo **(Serbia & Montenegro)** 44 52 N 20 40 E
Y G C R T

67B

Belgrade (Beograd) **(Serbia & Montenegro)** 44 48 N 20 28 E
G C B T

River Sava
Brcko **(Bosnia)** 44 52 N 18 49 E
Novi Sad **(Serbia & Montenegro)** 45 16 N 19 50 E
Y G C

Vukovar **(Croatia)** 45 21 N 19 00 E
Apatin **(Serbia & Montenegro)** 45 40 N 19 00 E
Bezdam **(Serbia & Montenegro)** 45 50 N 18 56 E
Mohacs **(Hungary)** 46 00 N 18 41 E
Budapest **(Hungary)** 47 30 N 19 02 E
Komarno **(Slovakia)** 47 46 N 18 05 E
Y

Gyor **(Hungary)** 41 N 17 40 E
Bratislava **(Slovakia)** 48 09 N 17 07 E
P Y G C R

67C

Korneuburg **(Austria)** 48 22 N 16 20 E
Linz **(Austria)** 48 19 N 14 18 E
Passau **(Germany)** 48 35 N 13 28 E
p.66
Y G R

Deggendorf **(Germany)** 48 50 N 12 58 E
Straubing **(Germany)** 48 53 N 12 35 E
Regensburg **(Germany)** 49 01 N 12 07 E
Y G C R B

p.28/29

UKRAINE

Ust-Dunaysk 45 28 N 29 50 E
Y G T

River Dnestr
Bugaz 46 04 N 30 28 E
Belgorod-Dnestrovskiy 46 11 N 30 21 E
Y G C B T

Cetatea Alba 46 11 N 30 20 E
Ilichevsk 46 18 N 30 39 E
P Q Y G C R B D T A

67D

Odessa 46 29 N 30 45 E
P Q Y G C R B T A

Yuzhnyy 46 36 N 31 01 E
Q Y G B T A

Ochakov 46 36 N 31 33 E
Nikolayev (Mykolayiv) 46 58 N 31 58 E
Y G C D T A

Oktyabrsk 46 50 N 31 57 E
Y G B T

68A

Dneprobugskiy 46 45 N 31 55 E
Y G

River Dnepr
Kherson 46 37 N 32 36 E
P Q Y G B T

Tyaginka 46 45 N 33 03 N
Zaporozhye 47 50 N 35 10 E
Dnepropetrovsk 48 29 N 35 00 E
Dneprodzerzhinsk 48 30 N 34 37 E
Dneprovskoye 48 35 N 34 25 E
Kremenchug 49 03 N 33 25 E
Cherkassy 49 26 N 32 03 E
Skadovsk 46 06 N 32 55 E
P Y G R

Khorly 46 05 N 33 18 E
Yevpatoriya 45 11 N 33 23 E
G R

Sevastopol 44 37 N 33 22 E
P Y G R D T A

68B

Yalta 44 30 N 34 10 E
Y G C R T

Theodosia (Feodosiya) 45 02 N 35 24 E
P Y G R B T

Kerch (Kertch) 45 21 N 36 28 E
Y G C R B D T A

Yenikale 45 21 N 36 36 E

SEA OF AZOV

Ghenichesk 46 10 N 34 48 E
Berdiansk 46 45 N 36 47 E
Y G C R B T A

Mariupol 47 03 N 37 30 E
P Q Y G C R B T A

RUSSIA

68C

Taganrog 47 12 N 38 57 E
Y G C B T

River Don
Azov 47 08 N 39 25 E
Y G B

Rostov 47 10 N 39 42 E
Y G

Bagaevskaya 47 19 N 40 23 E
Volgodonsk 47 30 N 42 07 E
Nikolayevskaya 47 36 N 41 29 E
Konstantinovsk 47 33 N 41 06 E
Ust Donets 47 40 N 40 57 E
Semikarakorsk 47 30 N 40 48 E
Kalach-na-Donu 48 43 N 43 29 E
River Volga p.27
Olya 45 47 N 47 32 E
Tatyanka 45 56 N 48 17 E
Krasnyye Barrikady 46 12 N 47 51 E
Astrakhan 46 22 N 48 04 E
G C R

68D

Akhtubinsk 48 20 N 46 10 E
Volgograd 48 45 N 44 30 E
Volzhskiy 48 49 N 44 44 E
Kamyshin 50 05 N 45 24 E
Saratov 51 30 N 45 55 E
Balakovo 52 04 N 47 46 E
Syzran 53 10 N 48 29 E
Samara (Kuybyshev) 53 10 N 50 10 E
Tolyatti 53 32 N 49 24 E
River Vyatka
Sosnovka 56 14 N 51 17 E
River Kama
Nizhnekamsk 55 25 N 51 53 E
Naberezhnyye Chelny 55 41 N 52 18 E
Perm 58 01 N 56 13 E
Berezniki 59 26 N 56 49 E
Novocheboksarsk 56 06 N 47 29 E
Cheboksary 56 08 N 47 14 E
Nizhniy Novgorod (Gorkiy) 56 20 N 44 00 E

69A

River Oka
Navashino 55 33 N 42 11 E
Balakhna 56 29 N 43 37 E
Chkalovsk 56 45 N 43 14 E
Kineshma 57 27 N 42 07 E
Kostroma 57 46 N 40 45 E
Yaroslavl 57 34 N 39 52 E
Rybinsk (Andropov) 58 01 N 38 52 E
Cherepovets 59 09 N 37 50 E
Lake Beloye
Mondoma 59 56 N 37 28 E

CASPIAN SEA

KAZAKHSTAN

Bautino 44 34 N 50 14 E
Aktau 44 25 N 50 09 E
P Y G R T

TURKMENISTAN

Bekdash 41 32 N 52 36 E
Turkmenbashi (Krasnovodsk) 40 01 N 53 00 E
P Y G

69B

Cheleken 39 24 N 53 07 E
Okarem 38 04 N 53 50 E

IRAN

Bandar Torkeman 36 55 N 54 05 E
Bandar Gaz 36 45 N 53 58 E
River Neka
Neka 36 36 N 53 19 E
Amirabad 36 51 N 53 19 E
Babol Sar 36 41 N 52 39 E
Now Shahr 36 38 N 51 30 E
P Q Y G C R B T A

Bandar Anzali 37 26 N 49 29 E
P Y G C R B T A

AZERBAIJAN

69C

Astara 38 25 N 48 50 E
Lenkoran 38 46 N 48 50 E
Baku 40 20 N 49 51 E
P Y G C R B T A

Apsheronskiy Port 40 24 N 50 17 E

RUSSIA

Derbent 42 03 N 48 18 E
Makhachkala 42 59 N 47 30 E

SEA OF AZOV

Yeisk 46 44 N 38 16 E p.28/29
Akhtari 46 02 N 38 09 E
Temryuk 45 17 N 37 22 E

BLACK SEA

Kavkaz 45 20 N 36 39 E
Anapa 44 53 N 37 18 E
Novorossiysk 44 44 N 37 47 E
P Y G C R B D T A

69D

Gelendzhik 44 34 N 38 07 E
Jubska 44 19 N 38 43 E
Tuapse 44 05 N 39 04 E
P Y G B D T

Sochi 43 35 N 39 44 E
Y G R B T A

GEORGIA

Gagry 43 19 N 40 16 E
Cape Pitsunda 43 09 N 40 20 E
Sukhumi (Sukhum) 43 10 N 41 02 E
P G B

Ochamchire 42 44 N 41 26 E
Poti 42 09 N 41 39 E
P Q Y G C R T A

P Petroleum **Q** Other Liquid Bulk **Y** Dry Bulk **G** General Cargo
C Containers **R** Ro-Ro **B** Bunkers **D** Dry Dock **T** Towage
A Airport (within 100km)

GEORGIA *continued*

Supsa Terminal 42 01 N 41 43 E
P

Batumi (Batum) 41 39 N 41 39 E
P Q Y G R B T

TURKEY

Hopa 41 25 N 41 24 E
P Y G C R B T

Pazar 41 12 N 40 52 E
Rize 41 03 N 40 32 E
Y G B A

Of 40 57 N 40 20 E
Surmene 40 56 N 40 10 E
Akcaabat 41 00 N 39 33 E
Trabzon 41 00 N 39 45 E
P Y G C R B T A

Akcaabat 41 02 N 39 35 E
Vakfikebir 41 05 N 39 21 E
Gorele 41 04 N 39 05 E
Tirebolu 41 01 N 38 49 E
Giresun 40 55 N 38 23 E
P Y G C R B T

Ordu 41 00 N 37 54 E
Y G B T

Fatsa 41 02 N 37 23 E
Y G B

Unye 41 08 N 37 18 E
Azot 41 16 N 36 26 E
Samsun 41 18 N 36 22 E
P Y G C R B T A

Bafra 41 44 N 35 58 E
Gerze 41 49 N 35 14 E
Sinop 42 00 N 35 09 E
G B

Ayancik 41 55 N 34 22 E
Inebolu 41 59 N 33 45 E
Y G B T

Cide 41 53 N 32 55 E
Kurucasile 41 50 N 32 42 E
Amasra 41 45 N 32 23 E
Bartin 41 38 N 32 20 E
Hisaronu (Filyos) 41 35 N 32 05 E
Kilimli 41 32 N 31 56 E
Catalagzi 41 32 N 31 54 E
Zonguldak 41 27 N 31 47 E
Y G R T

Kozlu 41 27 N 31 46 E
Camli 41 19 N 31 28 E
Eregli 41 18 N 31 27 E
Y G C R B T

SEA OF MARMARA

Bosporus p.32
Anadolukavagi 41 10 N 29 04 E
Kandilli 41 04 N 29 03 E
Uskudar 41 01 N 29 01 E
Haydarpasa 41 00 N 29 01 E
Y G C R B T A

Maltepe 40 54 N 29 09 E
Kartal 40 53 N 29 11 E
Tuzla 40 49 N 29 18 E
Darica 40 45 N 29 23 E
Y B

Gebze 40 46 N 29 26 E
P Q Y G B

Diliskelesi 40 46 N 29 32 E
P Q Y G C R B T A

Hereke 40 42 N 29 37 E
Y G C R B T A

Igsas 40 45 N 29 45 E

Yarimca 40 44 N 29 46 E
P Q Y G T

Tutunciftlik 40 45 N 29 47 E
P Q B T A

Derince 40 45 N 29 49 E
Y G C R B T

Yenikoy 40 44 N 29 54 E
Izmit 40 46 N 29 55 E
P Y G T

Basiskele 40 43 N 29 55 E
Seimen 40 43 N 29 54 E
Batak Burnu 40 44 N 29 52 E
Kazuklu Iskelessi 40 43 N 29 50 E
Golcuk 40 43 N 29 48 E
Yalova 40 40 N 29 15 E
Gemlik 40 26 N 29 09 E
P Y G C R B T A

Mudanya 40 27 N 28 52 E
P Y G B A

Bandirma 40 21 N 27 58 E
Q Y G C R B T A

Marmara Adasi
Saraylar 40 39 N 27 40 E
Erdek 40 24 N 27 47 E
Edincik 40 21 N 27 52 E
Karabiga 40 24 N 27 18 E
Icdas 40 27 N 27 08 E
Dardanelles
Canakkale 40 09 N 26 25 E
Y G R B

MEDITERRANEAN SEA

Gokceada
Kalekoy 40 13 N 25 52 E
Kuzu 40 14 N 25 57 E
Bozcaada
Bozcaada 39 50 N 26 04 E
Odunluk 39 47 N 26 10 E
Akcay 39 35 N 26 54 E
Burhaniye 39 35 N 26 57 E
Altinoluk 39 33 N 26 42 E
Edremit 39 35 N 26 57 E
Ayvalik 39 19 N 26 43 E
Lesvos Island **(Greece)**
Sigri 39 12 N 25 52 E
Mytilene (Mitilini) 39 06 N 26 35 E
Q Y G R B A

Port Hiera 39 00 N 26 35 E
Perama 39 02 N 26 29 E
Plomarion 38 58 N 26 23 E
Kallonis 39 07 N 26 08 E
Dikili 39 05 N 26 53 E
Y G B

Candarli 38 56 N 26 58 E
Rema Bay
Resadiye 38 55 N 27 03 E
Aliaga 38 48 N 26 59 E
P Y G B T A

Foca 38 45 N 26 56 E
Nemrut Bay 38 45 N 26 55 E
Q Y G R B T A

Tcham Bay
Camalti 38 30 N 26 53 E
Izmir 38 26 N 27 08 E
Y G C R B T A

Urla 38 22 N 26 47 E
Psara Island **(Greece)**
Psaron 38 32 N 25 34 E
Chios (Khios) Island **(Greece)**
Chios (Khios) 38 23 N 26 09 E
P G B A

Oinousa Island **(Greece)**
Fourkero Bay 38 31 N 26 15 E
Cesme 38 19 N 26 18 E
G R A

Kusadasi 37 52 N 27 14 E
G R B T A

Samos Island **(Greece)**
P G R A
Karlovassi 37 48 N 26 41 E
Samos 37 45 N 26 58 E
Pythagorion 37 41 N 26 56 E
Gulluk 37 15 N 27 38 E
Y G B A

Gumusluk 37 03 N 27 15 E
Patmos Island **(Greece)**
Patmos 37 18 N 26 35 E
G

Leros Island **(Greece)**
G A
Ayia Marina 37 09 N 26 51 E
Port Lakki 37 07 N 26 51 E
Kalymnos Island **(Greece)**
Kalymnos 36 57 N 26 59 E
G R B

Kos Island **(Greece)**
Kos 36 53 N 27 19 E
P G R A

Yali Island **(Greece)** 36 39 N 27 07 E
Y T A

Nisiros Island **(Greece)** 36 37 N 27 08 E
Bodrum 37 02 N 27 25 E
Gokova 37 03 N 28 22 E
Tilos Island **(Greece)** 36 26 N 27 23 E
Karpathos Island **(Greece)**
Cape Vronti 35 32 N 27 14 E
Rhodes Island **(Greece)**
Rhodes 36 27 N 28 14 E
G R T A

Simi Island **(Greece)**
Port Simi 36 37 N 27 50 E
Kizilyer 36 39 N 28 08 E
Kargi 36 46 N 28 19 E
Marmaris 36 51 N 28 16 E
G B A

Karagace 36 51 N 28 28 E
Gocek 36 45 N 28 59 E
P G B A

Fethiye 36 38 N 29 06 E
P G B A

Megisti (Kastellorizon) Island **(Greece)**
36 09 N 29 36 E
Kas 36 12 N 29 38 E
Andifli 36 12 N 29 41 E
Finike 36 18 N 30 09 E p.33
G B

Adrazan 36 18 N 30 32 E
Atbuku 36 25 N 30 33 E
Tekirova 36 31 N 30 34 E
Agva 36 35 N 30 38 E
Antalya 36 50 N 30 37 E
P Y G C R B T A

Alanya 36 32 N 32 00 E
G B

Anamur 36 01 N 32 49 E
Aydincik 36 09 N 33 21 E
Ovacik 36 08 N 33 43 E
Tasucu 36 14 N 33 59 E
Silifke 36 20 N 33 59 E
Mersin 36 48 N 34 38 E
P Q Y G C R B T A

Yumurtalik Bay
Yumurtalik 36 46 N 35 45 E
Ayas 36 46 N 35 47 E
Ceyhan 36 53 N 35 56 E
P Q Y R T A

Sugozu 36 52 N 35 57 E
Toros 36 55 N 35 59 E
Dortyol 36 50 N 36 14 E
P Q

Payas 36 45 N 36 11 E
Isdemir 36 44 N 36 11 E
Sariseki 36 40 N 36 13 E
Iskenderun 36 36 N 36 10 E
P Q Y G C R B T

Arsuz 36 25 N 35 53 E

CYPRUS

Kyrenia 35 20 N 33 19 E
G R B T A

Morphou Bay
Y G A

Xeros Pier 35 08 N 32 50 E
Karavostassi 35 08 N 32 49 E
Khrysokhu Bay
Latchi 35 02 N 32 24 E
Paphos 34 45 N 32 25 E
Akrotiri 34 34 N 33 02 E
Limassol 34 40 N 33 03 E
P Y G C R B D T A

Moni Anchorage 34 42 N 33 12 E
P A

Vassiliko Bay 34 42 N 33 20 E
P Q Y G R B T A

Zyyi 34 43 N 33 20 E
Larnaca 34 55 N 33 38 E
P Q Y G C R B T A

Dhekelia 34 59 N 33 44 E
P A

Famagusta 35 07 N 33 56 E
P Q Y G C R B T A

Bogaz 35 19 N 33 57 E
Gastria Bay
Kalecik 35 19 N 33 59 E
P Y G A

SYRIA

Borj Islam 35 40 N 35 48 E
Minet el Beida 35 37 N 35 46 E
Lattakia (Latakia) 35 31 N 35 46 E
P Y G C R B T A

Banias (Baniyas) 35 14 N 35 56 E
P Y A

Tartous (Tartus) 34 54 N 35 52 E
P Y G C R B T A

Arwad (Rouad) Island 34 51 N 35 51 E

LEBANON

Tripoli (Tarabulus) 34 28 N 35 50 E
P G R B T A

Chekka 34 20 N 35 44 E
Selaata 34 16 N 35 39 E
Q Y G B T A

Jbeil 34 06 N 35 38 E
Jounieh 33 59 N 35 39 E
Zouk 33 58 N 35 35 E
Dbayeh 33 56 N 35 35 E
Beirut (Beyrouth) 33 54 N 35 31 E
P Q Y G C R B A

Jieh 33 40 N 35 24 E
Sidon (Saida) 33 34 N 35 22 E
G A

Zahrani Terminal 33 32 N 35 19 E
P B A

Sour (Tyr) 33 16 N 35 12 E
G

ISRAEL

Akko (Acre) 32 55 N 35 04 E
Kishon 32 49 N 35 01 E

Haifa 32 49 N 35 00 E
P Q Y G C R B D T A

Hadera 32 27 N 34 55 E
P Y B T A

Tel Aviv 32 06 N 34 47 E
Yafo (Jaffa) 32 03 N 34 45 E
Ashdod 31 49 N 34 38 E
Y G C R B T A

Ashkelon 31 40 N 34 33 E
P Q Y

Gaza 31 30 N 34 27 E
Rafah 31 19 N 34 12 E

EGYPT

El Arish 31 07 N 33 48 E
Suez Canal p.67
Port Said 31 15 N 32 18 E
P Y G C R B D T A

Port Fouad 31 14 N 32 20 E
El Qantara 30 51 N 32 19 E
Ismailia 30 35 N 32 17 E
Nifisha 30 34 N 32 15 E
Lake Timsah 30 34 N 32 18 E
Bitter Lakes
Abu Sultan 30 25 N 32 18 E
Fayid 30 20 N 32 18 E
Fanara 30 17 N 32 21 E
Marakib 29 55 N 32 34 E
Port Tewfik 29 56 N 32 34 E
Port Ibrahim 29 56 N 32 33 E
Suez 29 58 N 32 33 E
P Y G C R B D T A

El Mina El Gedida 29 57 N 32 32 E
Damietta 31 23 N 31 48 E
Y G C R B T A

Idku 31 18 N 30 17 E p.33
Q

Abu Kir 31 18 N 30 04 E
Y G B T A

Alexandria 31 11 N 29 52 E
P Q Y G C R B D T A

El Dekheila 31 09 N 29 48 E
Y G C R T A

El Agami Island 31 09 N 29 47 E
Sidi Kerir Terminal 31 06 N 29 37 E
P T A

Mersa el Hamra Terminal (El Alamein)
30 59 N 28 52 E
P

Mersa Matruh 31 22 N 27 14 E p.28/29
G C R

Salum 31 34 N 25 11 E

LIBYA

Bardia 31 45 N 25 07 E
Marsa el Hariga 32 04 N 24 00 E
Tobruk 32 05 N 23 59 E
P Y G C R B T A

Derna 32 46 N 22 39 E
Y G C R T

Ras el Hilal 32 55 N 22 11 E
Apollonia 32 54 N 21 58 E
Tolmeta 32 43 N 20 57 E
Benghazi 32 07 N 20 03 E
P Y G C R B T A

Zueitina Terminal 30 51 N 20 03 E
P Q

Marsa el Brega 30 25 N 19 35 E
P Q Y G R T

Ras Lanuf 30 31 N 18 34 E
P Q A

Es Sider Terminal 30 38 N 18 21 E
P

Sirte 31 13 N 16 35 E
Misurata (Qasr Ahmed) 32 22 N 15 14 E
Y G C R T

Zliten 32 30 N 14 34 E
Khoms 32 39 N 14 16 E
Y G C R

Tripoli 32 54 N 13 11 E
Q Y G C R B T A

Az Zawiyah 32 49 N 12 43 E
Zawia Terminal 32 49 N 12 43 E
P A

Bouri Terminal 33 54 N 12 39 E
Zuara 32 55 N 12 07 E
G R T

Farwah Terminal 33 51 N 12 02 E
Abu Kammash 33 04 N 11 49 E
P Q G

TUNISIA

Zarzis 33 30 N 11 07 E
G R B T

Djerba Island
Ajim 33 43 N 10 44 E
Bou Grara 33 30 N 10 40 E
Gabes 33 55 N 10 06 E
P Q Y G C R B T

Ashtart Terminal 34 17 N 11 24 E
P T A

La Skhira 34 14 N 10 04 E
P Q T A

Ras Tina 34 39 N 10 41 E
Sfax 34 44 N 10 46 E
P Q Y G C R B T A

Kerkennah Islands 34 41 N 10 58 E
Isis Terminal 34 34 N 12 32 E
Mahdia 35 31 N 11 05 E
Ras Dimasse 35 35 N 11 01 E
Monastir 35 47 N 10 50 E
Sousse (Susa) 35 50 N 10 39 E
Q Y G C R T A

Tazerka Terminal 36 36 N 11 41 E
Cap Bon 37 05 N 11 03 E p.31
Tunis 36 48 N 10 12 E
Rades 36 48 N 10 14 E
G C R B T A

La Goulette 36 49 N 10 18 E
P Y G C R B T A

Ghar el Melh 37 10 N 10 10 E
Cap Farina 37 11 N 10 17 E
Menzel Bourguiba 37 09 N 9 48 E
Y G D T A

Bizerta 37 16 N 9 53 E
P Q Y G C R B T A

Cap Serrat 37 15 N 9 13 E p.28/29
Galita Island 37 32 N 8 56 E
Tabarka 36 58 N 8 46 E

ALGERIA

La Calle 36 54 N 8 26 E
Annaba 36 54 N 7 45 E
P Q Y G C R B D T A

Mersa Takouch 37 04 N 7 23 E
Port Methanier 36 53 N 6 57 E
Skikda 36 53 N 6 54 E
P Q Y G C R B T A

Collo 37 00 N 6 34 E
G

Cap Bougaroni 37 05 N 6 28 E

73A 73B 73C 73D 74A 74B 74C 74D 75A 75B 75C 75D

P Petroleum **Q** Other Liquid Bulk **Y** Dry Bulk **G** General Cargo
C Containers **R** Ro-Ro **B** Bunkers **D** Dry Dock **T** Towage
A Airport (within 100km)

ALGERIA *continued* 76A

Jijel 36 50 N 5 47 E
Y G R T A
Les Falaises 36 39 N 5 25 E
Bejaia 36 45 N 5 06 E
P Q Y G C R B T A
Azzeffoun 36 54 N 4 25 E
Dellys 36 55 N 3 55 E
G A
Algiers (Alger) 36 47 N 3 04 E
P Q Y G C R B D T A
Cherchell 36 37 N 2 11 E
G
Sidi Ghiles 36 32 N 2 07 E
Gouraya 36 34 N 1 53 E
Port Breira 36 32 N 1 35 E
Tenes 36 31 N 1 19 E
G
Mostaganem 35 56 N 0 04 E 76B
Y G R B T
Bethioua 35 48 N 0 12 W
Q T
Arzew 35 52 N 0 18 W
P Q G B T A
Oran 35 43 N 0 39 W
P Y G C R B T A
Mers el Kebir 35 44 N 0 42 W
Beni Saf 35 18 N 1 23 W
Y G D A
Honian 35 11 N 1 40 W p.30
Ghazaouet 35 06 N 1 52 W
Q Y G C R B T A
Port Kelah 35 06 N 2 09 W
Port Say 35 05 N 2 12 W 76C

MOROCCO

Chafarinas Islands 35 11 N 2 26 W
Nador 35 16 N 2 55 W
P Q Y G R T
Melilla **(Spain)** 35 18 N 2 56 W
P Y G C R B T A
Cabo Tres Forcas 35 26 N 2 58 W
Afrau 35 12 N 3 30 W
Al Hoceima (Alhucemas) 35 15 N 3 54 W
Puerto Capaz 35 13 N 4 41 W
Al Mediq 35 41 N 5 19 W
Ceuta **(Spain)** 35 53 N 5 19 W
P Q Y G C R B T A
Tangier (Tanger) 35 47 N 5 48 W
P G C R B T A
Cape Spartel 35 47 N 5 56 W
Larache (El Aaraich) 35 12 N 6 09 W 76D
Oued Sebou
Mehdia 34 18 N 6 39 W
Kenitra 34 16 N 6 35 W
Y G B T A
Rabat 34 02 N 6 50 W p.34/35
Mohammedia (Fedala) 33 43 N 7 22 W
P Q Y B T A
Casablanca 33 37 N 7 36 W
P Q Y G C R B D T A
El Jadida 33 16 N 8 31 W
Y G T A
Jorf Lasfar 33 07 N 8 38 W
P Q Y G R
Safi 32 18 N 9 15 W
P Q Y G B T
Essaouira 31 30 N 9 47 W
Anza 30 26 N 9 39 W
Agadir 30 25 N 9 38 W 77A
P Q Y G C R B T A
Sidi Ifni 29 22 N 10 12 W
Tan Tan 28 30 N 11 21 W
Cape Juby 27 57 N 12 55 W
Tarfaya 27 56 N 12 56 W

AZORES (Portugal)

Corvo Island 39 40 N 31 07 W
Flores Island
Santa Cruz 39 27 N 31 07 W
Fayal Island
Horta 38 32 N 28 38 W
P Q G C B T A
Pico Island
Lajes 38 23 N 28 16 W
San Jorge Island
Velas 38 40 N 28 13 W
Graciosa Island
Santa Cruz 39 05 N 28 01 W
Praia da Graciosa 39 03 N 27 58 W 77B
G A
Terceira Island
Angra do Heroismo 38 39 N 27 13 W
Q G C B A
Praia da Vitoria 38 44 N 27 03 W
P Y G C T A
St. Michael's (San Miguel) Island
Ponta Delgada 37 44 N 25 40 W
P Q Y G C R B T A
Ponta do Arnel 37 49 N 25 08 W
Santa Maria Island
Vila do Porto 36 56 N 25 09 W

MADEIRA ISLANDS (Portugal)

Madeira Island
Funchal 32 38 N 16 54 W
P Q Y G C R B T A
Praia Formosa 32 38 N 16 57 W 77C
Pargo Point 32 48 N 17 17 W
Ponta Delgada 32 49 N 17 00 W
Canical 32 44 N 16 44 W
Porto Santo Island
Porto Santo 33 03 N 16 20 W
P G C R A

CANARY ISLANDS (Spain)

Lanzarote
Port Naos 28 58 N 13 32 W
Arrecife 28 57 N 13 33 W
G C R B A
Fuerteventura
Gran Tarajal 28 12 N 14 01 W
Salinas 28 24 N 13 51 W
Cabras 28 28 N 13 50 W
Puerto del Rosario 28 30 N 13 51 W
G C R A
Grand Canary 77D
Las Palmas (Puerto de la Luz)
28 09 N 15 25 W
P Q Y G C R B D T A
La Salineta 27 58 N 15 22 W
P Y G B A
Arguineguin 27 45 N 15 40 W
Y A
Tenerife
Santa Cruz de Tenerife 28 28 N 16 15 W
P Q Y G C R B D T A
La Hondura 28 27 N 16 16 W
Los Cristianos 28 03 N 16 43 W
G C R A
Gomera
San Sebastian 28 05 N 17 07 W 78A
G C R
Palma
Santa Cruz de la Palma 28 41 N 17 46 W
P Q G C R B A
Hierro
La Estaca 27 47 N 17 54 W
G C R A

WESTERN SAHARA (Disputed)

Laayoune (Aaiun) 27 05 N 13 26 W
Y T A
Dakhla (Villa Cisneros) 23 42 N 15 55 W
G B T A

MAURITANIA

La Gouera 20 49 N 17 05 W 78B
Cap Blanc 20 46 N 17 03 W
Point Central 20 49 N 17 02 W
Pointe des Mouettes 20 50 N 17 02 W
Nouadhibou 20 54 N 17 03 W
P Q Y G C R B T A
Nouakchott 18 02 N 16 02 W
P Y G C D T A
Port de L'Amitie 18 00 N 16 02 W

CAPE VERDE

Santo Antao Island
Ponta do Sol 17 12 N 25 06 W
Porto Novo 17 01 N 25 04 W
G
St. Vincent Island
Porto Grande Bay
Mindelo 16 54 N 25 00 W
P Y G C R B D T A
St. Nicholas Island 78C
Porto da Preguica 16 34 N 24 17 W
Sal Island
P G R A
Pedra de Lume 16 45 N 22 54 W
Santa Maria 16 35 N 22 55 W
Palmeira 16 45 N 23 00 W
Boa Vista Island
Porto de Sal-Rei 16 10 N 22 57 W
Maio Island
Porto Inglez 15 08 N 23 13 W
Santiago Island
Praia 14 54 N 23 31 W
Q Y G C R T A
Tarrafal 15 17 N 23 45 W
Fogo Island
San Filipe 14 53 N 24 31 W
Vale de Cavaleiros 14 55 N 24 31 W
Brava Island
Porto da Faja 14 52 N 24 45 W

SENEGAL 78D

St. Louis 16 02 N 16 30 W p.36
Cap Vert 14 43 N 17 30 W
Dakar 14 41 N 17 25 W
P Q Y G C R B D T A
Mbao Terminal 14 42 N 17 21 W
Rufisque 14 43 N 17 17 W
Mbour 14 25 N 16 58 W
Djifere 13 56 N 16 46 W
River Saloum
Foundiougne 14 08 N 16 28 W
River Sine
Niamioro 14 10 N 16 28 W
Nonane 14 19 N 16 27 W
Fatick 14 20 N 16 24 W
Lyndiane 14 10 N 16 10 W
Kaolack 14 08 N 16 05 W
P Y G B A
Sangomar Point 13 50 N 16 46 W

River Bandiala
Toubakouta 13 48 N 16 29 W

79A

THE GAMBIA

River Gambia
Kau-ur 13 42 N 15 19 W
Kuntaur 13 39 N 14 52 W
MacCarthy's Island 13 34 N 14 50 W
Banjul 13 27 N 16 34 W

P	Q	G	C	R	B	T	A			

SENEGAL

River Casamance
Carabane 12 33 N 16 42 W
Ziguinchor 12 35 N 16 16 W

P	G	A								

GUINEA-BISSAU

River Cacheu
Cacheu 12 17 N 16 10 W
Barro 12 21 N 15 36 W
Bigene 12 25 N 15 32 W
Ponta de Pau 12 24 N 15 23 W
Canjaja 12 23 N 15 21 W
Tancrual 12 23 N 15 20 W
Binta 12 25 N 15 19 W
Porto Ribeiro 12 26 N 15 19 W
Farim 12 29 N 15 13 W
River Geba
Caio Island 11 50 N 16 19 W
Bissau 11 51 N 15 35 W

79B

P	Y	G	C	B	A					

Bijagos Islands
Bolama 11 35 N 15 28 W
Bubaque 11 10 N 15 55 W
Buba 11 36 N 14 55 W
River Cacine
Cacine 11 06 N 15 06 W

GUINEA

Rio Nunez (Fleuve Tinguillinta)
Kamsar 10 39 N 14 37 W

79C

P	Y	G	T	A						

Victoria 10 49 N 14 34 W
Boke 10 56 N 14 20 W
Conakry 9 30 N 13 43 W

P	Y	G	C	R	B	T	A			

Loos Islands
Kassa Island 9 28 N 13 44 W
Tamara Island
Tamara Port 9 27 N 13 50 W
Forecariah 9 23 N 13 08 W
Benty 9 10 N 13 13 W

SIERRA LEONE

Sierra Leone River
Pepel 8 34 N 13 03 W
Freetown 8 30 N 13 13 W

P	Q	Y	G	C	R	B	T	A		

Kissy 8 29 N 13 11 W
Cape Sierra Leone 8 30 N 13 18 W
Sherbro River 7 42 N 12 43 W

79D

Y										

Bonthe 7 32 N 12 30 W

LIBERIA

Cape Mount 6 44 N 11 23 W
Robertsport 6 40 N 11 25 W
Monrovia 6 20 N 10 49 W

P	Y	G	C	R	B	D	T	A		

Marshall 6 08 N 10 22 W
Junk River 6 06 N 10 22 W
Grand Bassa 5 52 N 10 04 W
Buchanan 5 51 N 10 04 W

P	Y	G	C	A						

Cestos Bay
River Cess 5 27 N 9 35 W
Baffu Bay 5 10 N 9 19 W

Sinu Bay
Greenville 4 59 N 9 03 W

80A

P	G	B	T	A						

Cape Palmas 4 22 N 7 43 W

P	Q	G	B	T	A					

Harper 4 21 N 7 35 W

IVORY COAST

Tabou 4 25 N 7 20 W
Boubele 4 29 N 7 14 W
Grand Berebi 4 39 N 6 53 W
San Pedro 4 44 N 6 37 W

Q	Y	G	C	R	T	A				

Grand Drewin 4 55 N 6 08 W
Sassandra 4 55 N 6 07 W
Fresco 5 04 N 5 33 W
Grand Lahou 5 08 N 5 01 W
Espoir Terminal 5 03 N 4 27 W
Vridi 5 14 N 4 00 W
Abidjan 5 18 N 4 00 W

80B

P	Q	Y	G	C	R	B	D	T	A	

Port Bouet 5 14 N 3 57 W
Grand Bassam 5 11 N 3 44 W
Assinie 5 08 N 3 17 W

GHANA

Half Assinie 5 03 N 2 53 W
Axim 4 52 N 2 15 W
Takoradi 4 53 N 1 44 W

P	Y	G	C	R	B	T				

Sekondi 4 56 N 1 42 W
Cape Coast 5 06 N 1 14 W
Winneba 5 20 N 0 38 W
Accra 5 32 N 0 12 W
Tema 5 37 N 0 01 E

P	Y	G	C	R	B	D	T	A		

Ada 5 46 N 0 38 E
Keta 5 54 N 1 00 E

TOGO

80C

Lome 6 08 N 1 17 E

P	Y	G	C	R	B	T	A			

Kpeme 6 12 N 1 31 E

Y	A									

Anecho (Little Popo) 6 14 N 1 36 E

BENIN

Grand Popo 6 17 N 1 50 E
Ouidah 6 19 N 2 06 E
Cotonou 6 21 N 2 27 E

P	Q	Y	G	C	R	B	T	A		

Seme Terminal 6 15 N 2 40 E
Porto Novo 6 27 N 2 38 E

NIGERIA

Badagri 6 25 N 2 53 E
Lagos 6 26 N 3 24 E

80D

P	Q	Y	G	C	R	B	D	T	A	

Apapa 6 26 N 3 23 E
Tin Can Island 6 26 N 3 21 E
Benin River
Koko 6 00 N 5 27 E

Q	G	B	A							

Sapele 5 54 N 5 41 E

Y	G	C	R	B	A					

Abo Terminal 5 42 N 4 28 E

P										

Ukpokiti Terminal 5 44 N 4 50 E
Escravos Terminal 5 30 N 5 00 E

P	B	T								

Escravos River 5 35 N 5 10 E
Forcados Terminal 5 10 N 5 11 E

P										

Forcados River
Forcados 5 22 N 5 26 E
Burutu 5 21 N 5 30 E

81A

G										

Warri River
Bennett Island 5 32 N 5 37 E
Warri 5 31 N 5 44 E

P	Q	Y	G	C	R	B	T			

River Niger
Onitsha 6 10 N 6 47 E
Lokoja 7 49 N 6 44 E
Baro 8 37 N 6 19 E
River Benue
Yola 9 14 N 12 32 E
Garoua **(Cameroon)** 9 17 N 13 22 E
Sea Eagle Terminal 4 48 N 5 19 E

P										

Pennington Terminal 4 14 N 5 36 E

P										

Akassa 4 19 N 6 04 E
Brass Terminal 4 04 N 6 17 E

81B

P										

Brass River
Brass 4 19 N 6 14 E
New Calabar River
Bakana 4 45 N 6 58 E
Abonnema 4 47 N 6 46 E
Degema 4 49 N 6 45 E
Bonny Terminal 4 11 N 7 14 E
Bonny River
Bonny 4 26 N 7 09 E

P	B	A								

Onne 4 43 N 7 00 E

Y	G	C	R							

Dawes Island 4 40 N 7 05 E
Okrika 4 43 N 7 05 E

P	B	A								

Port Harcourt 4 46 N 7 00 E

P	Q	Y	G	C	R	B	T	A		

Okono Terminal 3 59 N 7 17 E
Ima Terminal 4 13 N 7 24 E

81C

P										

Opobo 4 35 N 7 32 E
Odudu Terminal 4 00 N 7 45 E

P	T									

Yoho Terminal 4 01 N 7 28 E
Qua Iboe (Kwa Ibo) Terminal 4 14 N 8 03 E

P										

Antan Terminal 4 13 N 8 20 E

P	A									

Calabar River
Calabar 4 58 N 8 19 E

Y	G	C	B	T	A					

New Calabar 5 01 N 8 19 E

CAMEROON

81D

Kole Terminal 4 13 N 8 34 E

P										

Moudi Terminal 4 08 N 8 27 E

P	A									

Rio del Rey 4 42 N 8 36 E
Limboh Terminal 4 00 N 9 08 E

P										

Ambas Bay
Limbe (Victoria) 4 00 N 9 12 E

Q	G									

Bimbia River
Tiko 4 04 N 9 24 E
River Wouri
Douala 4 03 N 9 42 E

P	Y	G	C	R	B	D	T	A		

P Petroleum **Q** Other Liquid Bulk **Y** Dry Bulk **G** General Cargo
C Containers **R** Ro-Ro **B** Bunkers **D** Dry Dock **T** Towage
A Airport (within 100km)

CAMEROON *continued* — 82A

Bonaberi 4 04 N 9 41 E
Manoca 3 52 N 9 37 E
Suellaba 3 50 N 9 32 E
Kribi 2 56 N 9 55 E
G A
Kome-Kribi 1 Terminal 2 55 N 9 48 E
Grand Batanga 2 50 N 9 53 E
Ebome Terminal 2 48 N 9 50 E
P
Campo 2 20 N 9 52 E

EQUATORIAL GUINEA

Serpentina Terminal 3 48 N 8 05 E
P
Zafiro Terminal 3 52 N 8 08 E
P
Bioko Island — 82B
Punta Europa Terminal 3 47 N 8 43 E
Malabo 3 45 N 8 47 E
P Y G B A
Luba 3 28 N 8 33 E
G A
Utonde 1 55 N 9 48 E
Ceiba Terminal 1 24 N 8 13 E
P
Bata 1 52 N 9 46 E
P G T A
Rio Benito 1 35 N 9 37 E
Rio Etembue 1 16 N 9 27 E
Cabo San Juan 1 10 N 9 20 E
Rio Muni
Cogo (Puerto Iradier) 1 05 N 9 42 E
Pagalu Island
San Juan 1 27 S 5 37 E — 82C

SAO TOME and PRINCIPE

Principe Island
Santo Antonio 1 39 N 7 27 E
Sao Tome Island
Sao Tome 0 21 N 6 45 E
Q G A

GABON

Corisco Bay
La Mondah 0 35 N 9 33 E
Kendje 0 30 N 9 30 E
River Gabon
Libreville 0 24 N 9 26 E
P Q G A
Owendo 0 17 N 9 30 E
Y G C R T A
Pointe Ognone 0 11 S 9 23 E — 82D
Ekoueta 0 16 S 9 17 E
Sangatanga 0 31 S 9 13 E
Gangue River 0 45 S 9 05 E
Port Gentil 0 43 S 8 47 E
P Q Y G C R B T A
Cap Lopez 0 38 S 8 42 E
P B T A
Oguendjo Terminal 1 27 S 8 55 E
P A
Tchatamba Terminal 2 05 S 9 10 E
P
Gamba Terminal 2 47 S 10 00 E
P A
Nyanga 3 00 S 10 15 E
Mayumba 3 23 S 10 38 E
Y

Lucina Terminal 3 39 S 10 46 E — 83A
P A
Etame Terminal 3 45 S 10 32 E
P
Pointe Banda 3 48 S 11 00 E
M'bya Terminal 3 53 S 10 56 E
P T

THE CONGO

Yombo Terminal 4 27 S 11 06 E
P T
Conkouati 4 00 S 11 13 E
River Numbi 4 07 S 11 21 E
Bas Kouilou 4 30 S 11 41 E
Loango 4 39 S 11 49 E
Pointe Indienne 4 39 S 11 47 E
Pointe Noire 4 47 S 11 50 E
P Q Y G C R B T A
Djeno Terminal 4 56 S 11 54 E — 83B
P B A
N'kossa Terminal 5 15 S 11 34 E

ANGOLA (Cabinda Province)

Cacongo (Landana) 5 14 S 12 08 E
Takula Terminal 5 13 S 11 49 E
P T A
Malembo 5 19 S 12 10 E
Malongo Terminal 5 26 S 12 05 E
P Q T A
Futila Terminal 5 27 S 12 11 E
P A
Kuito Terminal 5 28 S 11 30 E
Cabinda 5 33 S 12 12 E
G A

DEMOCRATIC REPUBLIC OF CONGO (ZAIRE) — 83C

Moanda Terminal 5 58 S 12 08 E
P A
Banana 6 01 S 12 24 E
P G C B A
River Congo (Zaire)
Boma 5 51 S 13 03 E
Y G C D T A
Ikungulu 5 52 S 13 25 E
Matadi 5 49 S 13 27 E
P Q Y G C R B T A
Ango Ango 5 51 S 13 26 E

ANGOLA

Noqui 5 52 S 13 26 E
Xikomba Terminal 6 03 S 11 02 E
Sazaire Terminal 6 05 S 12 23 E — 83D
Soyo 6 07 S 12 22 E
P G B T A
Essungo Terminal 6 20 S 12 10 E
P
Palanca Terminal 6 57 S 12 24 E
P T
Canuku Terminal 7 06 S 12 28 E p.34/35
P
N'zeto (Ambrizete) 7 16 S 12 51 E
Ambriz 7 50 S 13 06 E
Capulo 7 59 S 13 10 E
Barra do Dande 8 29 S 13 20 E
Luanda 8 47 S 13 16 E
P Y G C R B D T A
Porto Amboim 10 44 S 13 45 E
Sumbe 11 12 S 13 50 E

Lobito 12 20 S 13 34 E — 84A
P Y G C R B D T A
Benguela 12 35 S 13 24 E
Farta Bay 12 37 S 13 12 E
Cuio 12 59 S 12 59 E
Lucira Grande 13 52 S 12 31 E
River Sao Nicolau 14 15 S 12 20 E
Baba 14 50 S 12 14 E
Porto Saco (Porto Salazar) 15 08 S 12 08 E
Namibe (Mocamedes) 15 12 S 12 09 E
P Y G R B T A
Tombua (Porto Alexandre) 15 46 S 11 55 E
Baia dos Tigres 16 31 S 11 46 E

ST. HELENA and Dependencies (United Kingdom)

Ascension Island
Georgetown 7 56 S 14 25 W
P G C A
St. Helena Island
Jamestown 15 55 S 5 43 W — 84B
G
Tristan da Cunha Island 37 02 S 12 18 W p.10/11
Nightingale Island 37 24 S 12 29 W
Gough Island 40 20 S 10 00 W

NAMIBIA (SOUTH WEST AFRICA)

Cape Cross 21 46 S 13 57 E p.34/35
Swakopmund 22 41 S 14 32 E
Walvis Bay 22 57 S 14 30 E
P Q Y G C R B D T A
Luderitz 26 38 S 15 09 E
G C B T A
Oranjemund Terminal 28 34 S 16 22 E

SOUTH AFRICA

Port Nolloth 29 15 S 16 52 E
Q G B A
Hondeklip Bay 30 19 S 17 16 E — 84C
St. Helena Bay 32 45 S 18 10 E
Saldanha Bay 33 03 S 17 56 E
Q Y G R B T A
Dassen Island 33 25 S 18 05 E
Robben Island 33 48 S 18 22 E
Table Bay
Cape Town 33 55 S 18 26 E
P Y G C R B D T A
Hout Bay 34 03 S 18 21 E
Slangkop Point 34 09 S 18 19 E
Cape of Good Hope 34 21 S 18 28 E
Cape Point 34 21 S 18 30 E
Simonstown 34 11 S 18 26 E
Cape Agulhas 34 50 S 20 01 E
Mossel Bay 34 11 S 22 10 E
P G B T A
Knysna 34 05 S 23 04 E
St. Francis Bay 34 12 S 25 00 E
Cape Recife 34 02 S 25 42 E — 84D
Algoa Bay
Port Elizabeth 33 58 S 25 38 E
P Y G C R B T A
Ngqura 33 47 S 25 41 E
East London 33 02 S 27 55 E
P Y G C R B D T A
Port St. Johns 31 37 S 29 33 E
Port Shepstone 30 45 S 30 28 E
Durban 29 52 S 31 02 E
P Q Y G C R B D T A
Richards Bay 28 48 S 32 06 E
Q Y G R B T A

MOZAMBIQUE 85A

Ponta Dobela 26 31 S 32 55 E
Maputo 25 59 S 32 36 E
P Q Y G C R B D T A
Matola 25 57 S 32 29 E
Cape Correntes 24 06 S 35 30 E
Inhambane 23 52 S 35 23 E
Bartolomeu Dias 21 10 S 35 07 E
Beira 19 50 S 34 50 E
P Q Y G C R B D T A
Chinde 18 35 S 36 28 E
Quelimane 17 53 S 36 53 E
G C A
Macuze River
Porto Belo 17 46 S 37 12 E
Pebane 17 18 S 38 08 E
Moma 16 46 S 39 15 E
Angoche 16 14 S 39 55 E
Mozambique Island 15 03 S 40 47 E
Lumbo 14 59 S 40 39 E 85B
Nacala 14 32 S 40 40 E
P Y G C B T
Belmore 14 23 S 40 42 E
Pemba 12 57 S 40 30 E
G C B A
Ibo 12 20 S 40 37 E
Mocimboa da Praia 11 20 S 40 25 E
Cape Delgado 10 41 S 40 38 E

COMOROS

Grand Comore Island
Moroni 11 42 S 43 15 E
P Y G C A
Anjouan Island
Mutsamudu 12 10 S 44 24 E
P G R T A
Moheli Island
Foumbouni 12 17 S 43 44 E 85C

MAYOTTE (France)

Mayotte Island
Dzaoudzi 12 47 S 45 15 E
P G A
Longoni 12 43 S 45 09 E
P Y G C B T A

MADAGASCAR

Cape Amber 11 57 S 49 16 E
Port St. Louis 13 05 S 48 50 E
Y G T
Ankify 13 32 S 48 20 E
Nosy Be
G T A
Hellville 13 24 S 48 17 E
Analalava 14 37 S 47 46 E 85D
Narendry Bay 14 40 S 47 28 E
Mahajanga 15 43 S 46 19 E
P Q G A
Amboanio 15 50 S 46 21 E
Boanamary 15 50 S 46 19 E
Juan de Nova Island **(France)**
17 03 S 42 43 E
Maintirano 18 04 S 44 01 E
Ilot Indien 19 48 S 44 24 E
Morondava 20 17 S 44 16 E
Morombe 21 46 S 43 20 E
Toliary (Toliara) 23 22 S 43 40 E
G B
St. Augustin Bay 23 28 S 43 40 E
Tolagnaro 25 02 S 47 00 E
G A
Farafangana 22 50 S 47 50 E
Manakara 22 08 S 48 01 E
Mananjary 21 14 S 48 21 E
Mahanoro 19 54 S 48 49 E

Vatomandry 19 20 S 48 59 E 86A
Andevoranto 18 56 S 49 09 E
Toamasina 18 09 S 49 25 E
P Y G C R B T A
Foulpointe 17 40 S 49 31 E
Fenerive 17 23 S 49 25 E
Ste. Marie Island 17 00 S 49 55 E
Maroantsetra 15 26 S 49 44 E
Antalaha 14 54 S 50 17 E
Sambava 14 16 S 50 12 E
Vohemar 13 21 S 50 00 E
Antsiranana 12 16 S 49 18 E
P G C T A

REUNION (France)

P Q Y G C R B T A
Pointe des Galets 20 55 S 55 17 E
La Possession 20 55 S 55 20 E
St. Denis 20 52 S 55 27 E

MAURITIUS 86B

Port Louis 20 09 S 57 29 E
P Q Y G C B D T A
Rodrigues Island 19 41 S 63 25 E

SEYCHELLES

Mahe Island
Port Victoria 4 37 S 55 27 E
P Y G C B T A
Providence Island 9 14 S 51 02 E
St. Pierre Island 9 19 S 50 43 E
Astove Island 10 02 S 47 44 E
Assumption Island 9 44 S 46 30 E

TANZANIA

Mtwara 10 15 S 40 12 E
P G C R A
Mikindani 10 16 S 40 08 E 86C
Lindi 10 00 S 39 44 E
Kiswere 9 25 S 39 34 E
Kilwa Kisiwani 8 57 S 39 32 E
Kilwa Masoko 8 56 S 39 31 E
Kilwa Kivinje 8 45 S 39 25 E
Rufiji River 7 54 S 39 25 E
Mafia Island 7 58 S 39 45 E
Dar es Salaam 6 49 S 39 19 E
P Q G C R B D T A
Zanzibar Island
Zanzibar 6 10 S 39 11 E
P G A
Pangani 5 27 S 39 00 E
Tanga 5 04 S 39 06 E
P Q Y G C R T A
Pemba Island
Chake Chake 5 15 S 39 46 E
Wesha 5 14 S 39 43 E
Wete 5 03 S 39 41 E 86D

KENYA

Mombasa 4 04 S 39 41 E
P Q Y G C R B D T A
Kilifi 3 39 S 39 52 E
Malindi 3 13 S 40 07 E
Lamu 2 18 S 40 55 E
G A

SOMALIA

Kismayu (Kismaayo) 0 23 S 42 33 E
G C T A
Brava (Baraawe) 1 06 N 44 03 E
Merca 1 43 N 44 46 E
G A
Jasiira 1 57 N 45 10 E

Mogadiscio (Muqdisho) 2 01 N 45 21 E 87A
P G C B T A
El Maan 2 17 N 45 34 E
Obbia 5 21 N 48 32 E
Hafun (Dante) 10 25 N 51 16 E
Handa 10 39 N 51 09 E
Ras Asir (Cape Guardafui) 11 50 N 51 17 E
Alula 11 58 N 50 46 E
Candala 11 28 N 49 52 E
Bosaso (Boosaaso) 11 17 N 49 11 E
Berbera 10 27 N 45 01 E
P G C R T A

DJIBOUTI

Djibouti 11 36 N 43 09 E
P Y G C R B T A

RED SEA

ERITREA

Assab (Aseb) 13 00 N 42 45 E 87B
P Y G C R B T A
Thio 14 42 N 40 58 E
Zula 15 15 N 39 43 E
Massawa (Mits'iwa) 15 37 N 39 29 E
P Y G C R B T A
Marsa Tek'lay 17 33 N 38 51 E

SUDAN

Trinkitat 18 41 N 37 45 E
Suakin (Swakin) 19 07 N 37 20 E
Q G C R T A
Bashayer Terminal 19 24 N 37 20 E
P
Towartit Anchorage 19 30 N 37 20 E
Port Sudan 19 37 N 37 14 E
P Q Y G C R B T A
Sanganeb Anchorage 19 45 N 37 26 E 87C
Oseif 21 40 N 36 50 E

EGYPT

Berenice 23 56 N 35 29 E
Ras Banas 23 55 N 35 47 E
Abu Ghosoun 24 29 N 35 15 E
Kosseir (El Quseir) 26 06 N 34 17 E p.33
Hamrawein 26 15 N 34 12 E
Y
Safaga 26 44 N 33 56 E
Y G R B T A
Hurghada 27 15 N 33 49 E
P G A
Marsa Gemsa 27 39 N 33 36 E
Geisum Terminal 27 38 N 33 43 E
P
East Zeit Terminal 27 49 N 33 39 E 87D
Zeit Bay Terminal 27 50 N 33 36 E
P Q A
Ras Shukheir Terminal 28 08 N 33 17 E
P T A
Ras Gharib 28 21 N 33 07 E
P
Ain Sukhna Terminal 29 35 N 32 20 E
P T
Sokhna 29 41 N 32 22 E
Y G C R
Sadat 29 48 N 32 27 E
Adabiya 29 52 N 32 28 E
P Y G C B T A
Suez Canal *(see Col. 74A)*
Ras Misalla 29 49 N 32 37 E

P Petroleum **Q** Other Liquid Bulk **Y** Dry Bulk **G** General Cargo
C Containers **R** Ro-Ro **B** Bunkers **D** Dry Dock **T** Towage
A Airport (within 100km)

EGYPT *continued* — 88A

Ras Sudr Terminal 29 35 N 32 41 E
P

Ras Malab 29 12 N 32 55 E
Zaafarana Terminal 29 11 N 32 42 E
P

Abu Zenima 29 02 N 33 07 E
Y

Ras Budran Terminal 28 56 N 33 08 E
P T A

Abu Rudeis 28 54 N 33 10 E
Wadi Feiran Terminal 28 45 N 33 12 E
P

Tor 28 14 N 33 37 E
Sharm el Sheikh 27 51 N 34 17 E
R A

Nuweiba 28 58 N 34 38 E — 88B
R T A

ISRAEL

Eilat 29 33 N 34 57 E
P Y G C R B T A

JORDAN

Aqaba 29 31 N 35 01 E
P Q Y G C R B T A

Wadi 29 22 N 34 58 E

SAUDI ARABIA

Haql 29 18 N 34 57 E
Sharmah 27 56 N 35 16 E
Dhuba 27 34 N 35 33 E
P Y G C R T

Al Wajh 26 13 N 36 27 E
Ras Baridi 24 16 N 37 31 E — p.34/35
Yanbu (Yenbo) 24 06 N 38 03 E — 88C
Y G C R B T A

King Fahd Port 23 57 N 38 13 E
P Q Y G C R B T A

Rabigh 22 45 N 38 59 E
P Q B T

Qadimah 22 21 N 39 05 E
Jeddah 21 28 N 39 10 E
P Q Y G C R B D T A

Makram 20 25 N 39 40 E
Gizan 16 54 N 42 32 E
P Y G C R B T A

YEMEN

Luhaiya (Al Luhayyah) 15 42 N 42 41 E — 88D
Kamaran Island
Kamaran 15 20 N 42 37 E
Saleef 15 18 N 42 40 E
Y

Ras Isa Terminal 15 07 N 42 36 E
P T A

Ras al Katheeb (Ras al Katib)
14 55 N 42 53 E
Ahmadi 14 50 N 42 56 E
Hodeidah (Al Hudaydah) 14 47 N 42 57 E
P Y G C R B T A

Mokha (Al Mukha) 13 19 N 43 14 E
P Q G C A

Dhubab (Doubabe) 12 56 N 43 24 E
Perim (Mayyun) Island 12 39 N 43 25 E
Aden 12 48 N 44 58 E
P Q Y G C R B D T A

Mukalla 14 32 N 49 08 E — 89A
P G C B A

Ash Shihr Terminal 14 42 N 49 32 E
P T

Nishtun 15 49 N 52 14 E
G A

Socotra (Suqutra) Island 12 50 N 54 00 E

OMAN

Salalah (Mina Raysut) 16 56 N 54 00 E
P Q Y G C R B T A

Duqm 19 41 N 57 44 E
Masirah Island
Kas Hilf 20 41 N 58 52 E
Ras al Hadd 22 30 N 59 48 E — p.37
Sur 22 39 N 59 26 E
P T

Qalhat Terminal 22 40 N 59 25 E — 89B
P Q T

Matrah 23 37 N 58 33 E
Port Sultan Qaboos (Mina Qaboos)
23 38 N 58 34 E
Q Y G C R B T A

Mina al Fahal 23 39 N 58 32 E
P B A

Sohar 24 30 N 56 38 E
Q Y G C T

Shinas 24 43 N 56 28 E

UNITED ARAB EMIRATES

Fujairah 25 10 N 56 22 E
P Y G C B T A

Vopak Terminal 25 12 N 56 22 E
Kalba 25 02 N 56 21 E
Khor Fakkan 25 21 N 56 22 E
G C B T A

OMAN — 89C

Diba 25 37 N 56 18 E
The Quoins 26 30 N 56 30 E
Khasab 26 13 N 56 15 E

UNITED ARAB EMIRATES

Mina Saqr 25 59 N 56 03 E
Y G C R B T A

Hulaylah Terminal 25 59 N 55 56 E
Ras al Khaimah 25 47 N 55 56 E
Mubarek Terminal 25 50 N 55 12 E
P A

Umm al Qaiwain 25 35 N 55 35 E
Q Y G C R B A

Hamriyah 25 28 N 55 29 E
P Q Y T A

Hamriyah Terminal 25 34 N 55 24 E — 89D
Ajman 25 25 N 55 26 E
Y G C R B D T A

Sharjah (Mina Khalid) 25 22 N 55 23 E
P Q Y G C R B T A

Dubai (Mina Rashid) 25 16 N 55 16 E
P G C R B D T A

Fateh Terminal 25 33 N 54 25 E
P A

Jebel Ali 25 02 N 55 08 E
P Q Y G C R B T A

Sadiyat Island 24 32 N 54 24 E
Umm al Nar 24 26 N 54 30 E
Abu Dhabi (Mina Zayed) 24 29 N 54 22 E
P Q Y G C R B T A

Al Mosaffah 24 23 N 54 29 E — 90A
Ras Zubbayah 24 20 N 54 09 E
Mubarras Terminal 24 26 N 53 32 E
P A

Zirku (Az Zarqa) Island 24 53 N 53 04 E
P G T

Zirku 25 01 N 52 59 E
Das Island 25 09 N 52 52 E
P Q A

Abu al Bukhoosh Terminal 25 29 N 53 08 E
P T

Ruwais (Ar Ruays) 24 09 N 52 43 E
P Q G

Jebel Dhanna (Jabal az Zannah) Terminal
24 13 N 52 40 E
P

Arzanah Island 24 47 N 52 34 E

QATAR — 90B

Mesaieed (Umm Said) 24 55 N 51 35 E
P Q Y G C D T A

Wakrah 25 10 N 51 38 E
Doha (Ad Dawhah) 25 17 N 51 32 E
G C T A

Halul Island Terminal 25 40 N 52 25 E
P

Ras Laffan 25 56 N 51 32 E
P Q Y G R B T A

Al Shaheen Terminal 26 35 N 51 58 E
P

Al Rayyan Terminal 26 39 N 51 33 E

BAHRAIN

Sitra Island
Sitra 26 10 N 50 40 E — 90C
P Q B T A

Bahrain Island
Mina Sulman 26 14 N 50 35 E
G C R B D T A

SAUDI ARABIA

Quarrayah 26 02 N 50 08 E
Al Khobar 26 17 N 50 13 E
Dammam (King Abdul Aziz Port)
26 30 N 50 12 E
Q Y G C R B D T A

Ras Tanura 26 38 N 50 10 E
P Q B T A

Juaymah Terminal 26 55 N 50 01 E
P Q B T A

Ras al Ghar 26 53 N 49 52 E
Jubail 27 01 N 49 39 E
Y G C R B T

King Fahd Port 27 01 N 49 40 E — 90D
P Q Y G R B T

Ras as Saffaniya 28 00 N 48 48 E
Ras al Mishab 28 06 N 48 37 E
Y G R T

Ras al Khafji 28 25 N 48 35 E
P Q B T

KUWAIT

Khor al Mufatta 28 39 N 48 23 E
G A

Khor al Ami 28 40 N 48 23 E

91A

Mina Saud 28 45 N 48 26 E

P B A

Mina Abdulla 29 01 N 48 10 E

P B A

Shuaiba 29 02 N 48 10 E

P Y G C R B T A

Mina al Ahmadi 29 04 N 48 09 E

P Q T A

Kubbar Island 29 04 N 48 34 E
Sea Island Terminal 29 07 N 48 17 E
Kuwait (Al Kuwayt) 29 21 N 47 56 E

Y G C R B D T A

Shuwaikh 29 21 N 47 55 E
Doha 29 23 N 47 48 E

G A

IRAQ

91B

Umm Qasr 30 02 N 47 57 E

Y G C R B T

Khor al Zubair 30 11 N 47 54 E

Q Y G

Al Basra Terminal (Mina al Bakr Terminal)
29 41 N 48 48 E

P B T

Khor al Amaya Terminal 29 47 N 48 48 E

P T

Shatt al Arab
Fao (Al Faw) 29 59 N 48 28 E
Kabda 30 11 N 48 25 E
Abu Fulus 30 27 N 48 02 E
Basrah 30 30 N 47 49 E

IRAN

91C

Khorramshahr 30 20 N 48 10 E

Y G B T A

River Karun
Ahvaz 31 29 N 48 43 E
Hartah Point 30 23 N 48 11 E
Abadan 30 20 N 48 17 E

P G B T A

Bavardeh 30 19 N 48 18 E
Khor Musa
Bandar Imam Khomeini (Bandar Shahpour) 30 25 N 49 04 E

P Q Y G C R B T A

Bandar Mahshahr 30 28 N 49 11 E

P Q Y G C R B T

Ras Bahregan Terminal 29 47 N 50 11 E

P T

Imam Hasan 29 48 N 50 11 E
Ganaveh 29 34 N 50 31 E
Kharg Island 29 14 N 50 19 E

P Q B T A

91D

Darius Terminal 29 12 N 50 20 E
Sea Island Terminal 29 14 N 50 17 E
Soroosh (Cyrus)Terminal 29 02 N 49 28 E

P T

Bushire (Bushehr) 28 59 N 50 50 E

Q Y G B T A

Bandar Taheri 27 39 N 52 21 E
Asaluyeh Terminal 27 31 N 52 32 E

P

Lavan Island 26 47 N 53 20 E

P B A

Sirri Island 25 54 N 54 33 E

P T A

Abu Musa 25 33 N 55 02 E
Bandar Lengeh (Lingah) 26 33 N 54 53 E
Qeshm Island
Qeshm 26 58 N 56 16 E
Kaveh 26 56 N 56 01 E
Salakh 26 41 N 55 42 E
Henjam (Hangam) Island 26 39 N 55 54 E
Bandar Shahid Rejaie 27 06 N 56 04 E
Bandar Shahid Bahonar 27 08 N 56 12 E
Bandar Abbas 27 12 N 56 15 E

92A

P Q Y G C R B D T A

Hormuz Island 27 04 N 56 28 E
Hormuz Terminal 26 50 N 56 44 E
Jask 25 39 N 57 46 E
Ras Maidani 25 24 N 59 06 E
Chah Bahar 25 20 N 60 32 E

Y G C B T A

PAKISTAN

Gwadar 25 06 N 62 24 E p.40

P Y G C R T

Pasni 25 15 N 63 28 E
Sonmiani Bay
Sonmiani 25 25 N 66 40 E
Ormara 25 06 N 64 38 E
Gadani Beach 25 06 N 66 43 E
Karachi 24 50 N 67 00 E

92B

P Q Y G C R B D T A

Korangi 24 48 N 67 08 E
Phitti Creek
Port Muhammad Bin Qasim
24 46 N 67 21 E

P Q Y G C B T A

INDIA

Jakhau 23 14 N 68 35 E
Mandvi 22 49 N 69 21 E

Y A

Mundra 22 54 N 69 42 E

P Q Y G C B T A

Kandla 23 02 N 70 13 E

P Q Y G C B D T A

Navlakhi 22 58 N 70 27 E

92C

Y G T

Bedi 22 31 N 70 02 E

Y G B T A

Jamnagar Terminal 22 30 N 69 50 E

P Q B T

Rozi Island 22 32 N 70 03 E
Sachana 22 32 N 69 57 E
Sikka 22 34 N 69 48 E

P Q Y B A

Vadinar Terminal 22 30 N 69 42 E

P B T A

Salaya 22 18 N 69 35 E
Port Okha 22 28 N 69 05 E

P Y G B T

Dwarka 22 15 N 68 58 E
Porbandar 21 36 N 69 36 E

92D

Q Y G B T A

Mangrol 21 06 N 70 06 E
Veraval 20 54 N 70 22 E

Y G T A

Diu 20 43 N 70 59 E
Jafarabad 20 52 N 71 22 E
Rajula 20 57 N 71 32 E
Pipavav 20 59 N 71 34 E

P Q Y G C T

Alang 21 24 N 72 09 E
Bhavnagar 21 45 N 72 14 E

Y G B T A

Dholera 22 14 N 72 17 E
Khambat 22 19 N 72 37 E
Dahej 21 43 N 72 35 E

P Q T

Hazira Anchorage 21 05 N 72 40 E
Tapti River
Magdalla 21 08 N 72 43 E
Surat 21 10 N 72 54 E

93A

Daman 20 25 N 72 49 E
Dahanu 19 59 N 72 46 E
Mumbai (Bombay) 18 54 N 72 49 E

P Q Y G C R B D T A

Jawaharlal Nehru (Nhava Sheva)
18 56 N 72 51 E

P Y C R B T A

Dharamtar 18 42 N 73 01 E
Alibag 18 38 N 72 52 E
Revadanda 18 33 N 72 54 E
Janjira 18 18 N 72 58 E
Dighi 18 15 N 72 55 E
Srivardhan Bay 18 01 N 73 00 E
Bankot 17 59 N 73 02 E
Dabhol 17 36 N 73 09 E
Anjanvel 17 35 N 73 10 E
Jaigarh 17 18 N 73 12 E
Mirya Bay
Bhagwati Bunder 17 00 N 73 16 E
Ratnagiri 16 59 N 73 17 E
Malvan 16 05 N 73 30 E
Vengurla 15 50 N 73 37 E
Redi 15 45 N 73 40 E

93B

Y

Panaji (Panjim) 15 29 N 73 49 E

G T A

Aguada 15 29 N 73 47 E
Mormugao 15 25 N 73 48 E

P Q Y G C R B D T A

Betul 15 08 N 73 56 E
Karwar 14 49 N 74 06 E

P Y G B T A

Belekeri 14 42 N 74 15 E

Y G

Tadri 14 31 N 74 21 E
Kumta 14 25 N 74 23 E
Honavar 14 17 N 74 27 E
Coondapoor 13 37 N 74 40 E
Malpe 13 21 N 74 42 E

93C

G A

New Mangalore 12 55 N 74 48 E

P Q Y G C R B T A

Mangalore 12 50 N 74 49 E
Kasaragod 12 30 N 75 00 E
Azhikal 11 57 N 75 18 E
Cannanore (Kanur) 11 52 N 75 22 E
Thalacherry (Tellicherry) 11 45 N 75 28 E

G

Mahe 11 42 N 75 31 E
Badagara 11 36 N 75 35 E
Kozhikode (Calicut) 11 16 N 75 46 E
Beypore 11 10 N 75 48 E

P Y G B T A

Tanur 10 59 N 75 52 E
Ponnani 10 47 N 75 54 E
Kochi (Cochin) 9 58 N 76 14 E

P Q Y G C R B D T A

Alleppey (Alappuzha) 9 30 N 76 19 E

93D

G T A

Neendakara 8 56 N 76 33 E

G A

Kollam (Quilon) 8 52 N 76 35 E

G A

Thiruvananthapuram (Vizhinjam)
(Trivandrum) 8 29 N 76 57 E
Colachel 8 10 N 77 15 E
Cape Comorin 8 05 N 77 33 E
Lakshadweep (Laccadive Islands)
Kiltan Island 11 29 N 73 00 E
Kadmat Island 11 13 N 72 46 E
Androth Island 10 49 N 73 40 E
Kavaratti Island 10 34 N 72 38 E
Kalpeni Island 10 06 N 73 39 E
Minicoy Island 8 17 N 73 04 E p.34/35

P Petroleum **Q** Other Liquid Bulk **Y** Dry Bulk **G** General Cargo
C Containers **R** Ro-Ro **B** Bunkers **D** Dry Dock **T** Towage
A Airport (within 100km)

MALDIVES 94A

Kelaa 6 58 N 73 12 E
Male Island
Male 4 10 N 73 30 E
G C T A
Addu Atoll 0 40 S 73 10 E
Gan Island 0 41 S 73 10 E

BRITISH INDIAN OCEAN TERRITORY (United Kingdom)

Chagos Archipelago
Diego Garcia 7 17 S 72 25 E

INDIA

Manappadu 8 22 N 78 01 E p.40
Tiruchchendur Point 8 30 N 78 08 E
New Tuticorin 8 45 N 78 13 E
P Y G C B T A
Tuticorin 8 48 N 78 11 E
Valinokkam 9 07 N 78 39 E 94B
Kilakkaria 9 14 N 78 47 E
Pamban 9 17 N 79 12 E
Mandapam 9 16 N 79 09 E
Tondi 9 45 N 79 00 E
Attirampattinam (Adirampatnam) 10 20 N 79 23 E
Point Calimere 10 17 N 79 53 E

SRI LANKA

Point Pedro 9 50 N 80 15 E
Point Palmyra 9 50 N 80 17 E
Mullaittivu 9 16 N 80 49 E
Kokkilai 8 59 N 80 57 E
Pulmoddai 8 56 N 80 59 E
Trincomalee 8 34 N 81 13 E
P Y G B
Batticaloa 7 45 N 81 41 E
Okanda 6 39 N 81 46 E
Pottuvil 6 53 N 81 49 E
Hambantota 6 07 N 81 08 E
Matara 5 57 N 80 32 E
Galle 6 01 N 80 13 E 94C
Y G B
Kalutara 6 35 N 79 59 E
Panadura 6 43 N 79 55 E
Colombo 6 54 N 79 52 E
P Q Y G C B D T A
Kerawalapitiya Terminal 7 01 N 79 50 E
Negombo 7 12 N 79 50 E
Puttalam 8 02 N 79 50 E
Mannar Island
Talaimannar 9 05 N 79 43 E
Kayts 9 42 N 79 52 E
Jaffna 9 40 N 79 59 E
Kankesanturai 9 49 N 80 03 E

INDIA

Nagapattinam 10 46 N 79 51 E
G
Nagore 10 49 N 79 51 E
Karikal 10 55 N 79 51 E 94D
Tirukkadaiyur 11 05 N 79 50 E
Tirumullaivasal 11 15 N 79 50 E
Porto Novo 11 29 N 79 45 E
Cuddalore 11 42 N 79 46 E
Y G
Pondicherry 11 56 N 79 50 E
Y G
Marakkanam 12 15 N 79 59 E
Chennai (Madras) 13 05 N 80 17 E
P Q Y G C R B T A
Ennore 13 14 N 80 20 E
Y T A
Pulicat 13 25 N 80 19 E
Krishnapatnam 14 18 N 80 05 E
Muttukuru 14 21 N 80 09 E
Nizimpatnam 15 56 N 80 44 E
Machilipatnam (Masulipatam) 16 10 N 81 12 E
G T A
Narasapur Point 16 18 N 81 43 E
Narasapur 16 27 N 81 45 E
Kakinada 17 00 N 82 17 E
P Y G C B A
Visakhapatnam 17 42 N 83 18 E
P Q Y G C B D T A
Bheemunipatnam 17 54 N 83 27 E
Kalingapatnam (Calingapatnam) 18 20 N 84 08 E
G
Baruva 18 53 N 84 36 E
Gopalpur 19 15 N 84 54 E
Puri 19 48 N 85 50 E
Mahanadi River
Paradip 20 16 N 86 41 E
P Y G C B T
False Point 20 20 N 86 44 E
Palmyras Point 20 46 N 86 59 E 95B
Dhamra 20 47 N 86 54 E
Digha 21 40 N 87 39 E
River Hooghly
Sandheads 20 54 N 88 14 E
Haldia 22 02 N 88 05 E
P Q Y G C B T
Kulpi 22 06 N 88 13 E
Ulubaria 22 28 N 88 07 E
Kolkata (Calcutta) 22 35 N 88 21 E
P Y G C B D T A
Haora 22 36 N 88 18 E
Garden Reach 22 33 N 88 18 E
Budge Budge 22 29 N 88 11 E
Achipur 22 28 N 88 08 E
Hooghly Point 22 13 N 88 04 E
Diamond Harbour 22 11 N 88 11 E
Kulpi 22 05 N 88 14 E
Mud Point 21 55 N 88 07 E
Saugor Island 21 39 N 88 03 E
Port Canning 22 15 N 88 38 E

BANGLADESH 95C

Pussur River
Mongla 22 27 N 89 35 E
Q Y G C B T
Chalna 22 36 N 89 31 E
Khulna 22 48 N 89 35 E
Lakhya River
Narayanganj 23 36 N 90 28 E
Fouzderhat Beach 22 23 N 91 45 E
Patenga Point 22 14 N 91 48 E
Chittagong 22 20 N 91 50 E
P Q Y G C R B D T A
Kutubdia Island 21 52 N 91 51 E
Cox's Bazar 21 26 N 91 58 E
Elephant Point 21 11 N 92 03 E

MYANMAR

Maungdaw 20 49 N 92 22 E
River Kaladan 95D
Sittwe (Akyab) 20 08 N 92 55 E
G
Kyaukpyu 19 28 N 93 29 E p.41
Cheduba Island 18 55 N 93 37 E
Sandoway 18 28 N 94 21 E
Diamond Island 15 22 N 94 17 E
Ayeyarwady River
Pathein River
Pathein 16 46 N 94 43 E
G
Yangon River
Elephant Point 16 28 N 96 20 E
Yangon 16 46 N 96 10 E
P Y G C B D T
Thilawa 16 40 N 96 15 E
C
Thaton 16 56 N 97 21 E
Mawlamyine 16 30 N 97 38 E 96A
Amherst 16 06 N 97 33 E
Heinze Creek 14 43 N 97 55 E
Dawei River
Dawei 14 04 N 98 11 E
Yetagun Terminal 13 04 N 96 51 E
Mergui 12 26 N 98 36 E
Tanintharyi River
Tanintharyi 12 17 N 98 50 E
Karathuri 10 53 N 98 35 E
Victoria Point 9 58 N 98 33 E
Coco Islands 14 11 N 93 23 E p.40

ANDAMAN and NICOBAR ISLANDS (India)

Andaman Islands
North Andaman Island
Stewart Sound
Mayabunder 12 56 N 92 54 E
Middle Andaman Island
Elphinstone Harbour 12 19 N 92 54 E
South Andaman Island
Port Meadows 12 01 N 92 47 E
Port Blair 11 40 N 92 43 E 96B
P Y G C R B D A
Little Andaman Island
Tambeibui 10 32 N 92 30 E
Toibalewe 10 26 N 93 34 E
Nicobar Islands
Car Nicobar 9 10 N 92 45 E
Nancowry Harbour 8 01 N 93 31 E
Little Nicobar Island
Patua 7 17 N 93 40 E
Great Nicobar Island
Kanalla 6 52 N 93 43 E

THAILAND

Ranong 9 57 N 98 37 E p.41
Takua Pa 9 16 N 98 19 E
Phuket 7 50 N 98 25 E
P Y G C B T A
Krabi 8 04 N 98 52 E
Kantang 7 24 N 99 31 E

MALAYSIA 96C

PENINSULAR MALAYSIA

Pulau Langkawi
P Y G A
Teluk Ewa 6 26 N 99 45 E
Kuala Perlis 6 24 N 100 07 E
Kedah River
Alor Setar 6 07 N 100 23 E
Tanjong Dawai 5 41 N 100 22 E
Penang (Pinang)
P Q Y G C B T A
Georgetown 5 25 N 100 20 E
Butterworth 5 24 N 100 22 E
Perai 5 23 N 100 22 E
Port Weld 4 50 N 100 38 E
Lumut 4 16 N 100 39 E
Q Y G C R B A
Pulau Pangkhor 4 13 N 100 35 E 96D
Sitiawan 4 11 N 100 42 E
Sembilan Islands 4 03 N 100 33 E
Teluk Intan (Telok Anson) 4 01 N 101 01 E
Bagan Datoh 4 00 N 100 45 E
Kuala Selangor 3 21 N 101 15 E
Port Klang 3 00 N 101 24 E
P Q Y G C R B D T A
Port Dickson 2 31 N 101 47 E
P Q G B T A
Sungai Udang 2 15 N 102 08 E
P Q T A
Tanjong Bruas 2 13 N 102 09 E
Malacca (Melaka) 2 11 N 102 15 E
P G A
Muar 2 00 N 102 24 E

97A

Batu Pahat 1 47 N 102 53 E
Pulau Pisang 1 28 N 103 15 E
Tanjung Pelepas 1 21 N 103 33 E
p.42/43

C B T A

Johore Bahru 1 28 N 103 50 E
Pasir Gudang 1 26 N 103 54 E

P Q Y G C R B D T A

Tanjung Langsat 1 28 N 104 01 E

P Q A

SINGAPORE

Seletar 1 25 N 103 50 E
Sembawang 1 28 N 103 50 E
Woodlands 1 27 N 103 47 E
Changi 1 22 N 103 58 E
Jurong Port 1 18 N 103 43 E

Y C G

Tanjong Penjuru 1 18 N 103 45 E
Pulau Merlimau 1 17 N 103 43 E
Pulau Ayer Chawan 1 17 N 103 42 E
Pulau Sakra 1 15 N 103 42 E
Selat Sinki 1 13 N 103 40 E
Pulau Sebarok 1 12 N 103 48 E
Pulau Bukom 1 14 N 103 46 E

97B

P Q B

Pasir Panjang 1 16 N 103 47 E
Singapore 1 16 N 103 50 E

P Q Y G C R B D T A

Tanjong Pagar 1 16 N 103 51 E
Tanjong Rhu 1 18 N 103 52 E

MALAYSIA

PENINSULAR MALAYSIA

Telok Ramunia 1 21 N 104 14 E
Endau 2 40 N 103 38 E
p.41
Kuala Rompin 2 45 N 103 36 E
Nenasi 3 08 N 103 27 E
Pekan 3 29 N 103 24 E
Kuala Pahang 3 32 N 103 27 E
Kuantan 3 58 N 103 26 E

97C

P Q Y G C R B T A

Udang Terminal **(Indonesia)**
4 02 N 106 30 E
Belida Terminal **(Indonesia)** 4 08 N 105 08 E
Belanak Terminal **(Indonesia)**
4 10 N 106 14 E
Tanjong Gelang 4 10 N 103 26 E
Kemaman 4 11 N 103 30 E

P Q Y G B T A

Tanjong Sulong 4 14 N 103 28 E
Tanjong Berhala 4 15 N 103 28 E
Kerteh Terminal 4 31 N 103 33 E

P T

Malong Terminal 4 38 N 104 49 E
Dungun 4 47 N 103 26 E
Kakap Terminal **(Indonesia)** 5 01 N 105 57 E
Anoa Terminal **(Indonesia)** 5 13 N 105 36 E

P

Kuala Terengganu 5 20 N 103 09 E
Dulang Terminal 5 49 N 104 10 E
Kelantan River
Kota Baharu 6 08 N 102 14 E
Penara Terminal 6 08 N 105 01 E
Tumpat 6 13 N 102 11 E

97D

SARAWAK

Sematan Anchorage 1 53 N 109 49 E
p.42/43
Lundu 1 40 N 109 52 E
Sarawak River
Sijingkat 1 35 N 110 26 E
Tanjong Pending 1 33 N 110 24 E
Biawak 1 34 N 110 23 E
Kuching 1 34 N 110 24 E

P Y G C R B D T A

Lingga 1 21 N 111 10 E
Sungei Rajang
Rajang 2 09 N 111 12 E
Tanjong Manis 2 09 N 111 21 E

Y G R B

Sarikei 2 08 N 111 31 E

G C B A

Binatang 2 10 N 111 38 E
Sibu 2 17 N 111 49 E

P G C B A

Sungei Merah 2 19 N 111 49 E

Y B A

Bintulu 3 10 N 113 02 E

P Q Y G C R B T A

Tanjong Kidurong 3 16 N 113 03 E
Suai 3 40 N 113 37 E
Niah 3 54 N 113 46 E
Miri 4 23 N 113 59 E

98A

P Q Y G C R B A

Lutong Terminal 4 28 N 113 56 E
Baram 4 36 N 113 58 E

98B

BRUNEI

Kuala Belait 4 35 N 114 11 E

P Q G B D

Seria Terminal 4 43 N 114 19 E

P

Lumut 4 40 N 114 27 E

Q

Brunei Bay
Muara Port 5 02 N 115 05 E

P Y G C R B T A

Bandar Seri Begawan 4 54 N 114 56 E

MALAYSIA

SARAWAK

Limbang 4 45 N 115 00 E

98C

BRUNEI

Tanjong Salirong 4 54 N 115 06 E

G

MALAYSIA

SARAWAK

Lawas 4 56 N 115 23 E

SABAH

Sipitang 5 05 N 115 33 E
Weston 5 13 N 115 36 E
Labuan Island

P Q Y G C B D T A

Victoria 5 17 N 115 14 E
Labuan Terminal 5 16 N 115 07 E
Kota Kinabalu 6 00 N 116 04 E

98D

G C R B T A

Sapangar Bay 6 05 N 116 07 E

P

Usukan Bay 6 23 N 116 20 E
Tembungo Terminal 6 38 N 115 47 E
Kudat 6 52 N 116 50 E

G C B A

Jambongan Island 6 40 N 117 30 E
Sandakan 5 50 N 118 08 E

P Q Y G C B T A

Tambisan Island 5 29 N 119 08 E
Sabahat 5 04 N 119 02 E
Darvel Bay
Bakapit 4 57 N 118 35 E
Kennedy Bay 4 55 N 118 28 E
Lahad Datu 5 02 N 118 20 E

P Q Y G B A

Silam 4 57 N 118 14 E
Bohayan Island 4 48 N 118 19 E
Kunak 4 41 N 118 15 E

99A

Q G

Semporna 4 29 N 118 37 E
Port Elphinstone 4 22 N 118 35 E
Tawau 4 15 N 117 53 E

P Q Y G C R B A

Tanjong Batu 4 15 N 117 52 E
Sebatik Island (Malaysian Sector)
Wallace Bay 4 15 N 117 40 E

INDONESIA

KALIMANTAN

Sebatik Island (Indonesian Sector)
4 14 N 117 39 E
Nunukan 4 05 N 117 37 E
Sebuku Terminal 3 52 N 118 05 E
Pulau Bunyu 3 27 N 117 49 E

P

Sessayap 3 34 N 117 01 E
Tarakan Island
Tarakan 3 17 N 117 36 E

99B

P Y G A

River Berau
Sokan 2 09 N 117 42 E
Tanjung Redeb 2 10 N 117 29 E
Sangkulirang 1 00 N 118 00 E
Tanjung Bara 0 32 N 117 37 E

Y G T A

Sangatta Terminal 0 25 N 117 35 E

P

Lhotuan 0 11 N 117 30 E
Bontang 0 06 N 117 29 E

Q G T A

Santan Terminal 0 07 S 117 32 E

P

Samarinda 0 30 S 117 09 E

99C

P Y G C T A

Sangasanga 0 36 S 117 12 E
Bekapai Terminal 1 00 S 117 30 E

P

Kualasamboja 1 01 S 117 05 E
Senipah Terminal 1 03 S 117 13 E

P T A

Balikpapan 1 16 S 116 49 E

P Y G C B T A

Lawe-Lawe Terminal 1 27 S 116 45 E

P

Teluk Adang
Tanahmerah 1 49 S 116 09 E
Jangkar 1 49 S 116 06 E
Tanahgrogot 1 49 S 116 13 E
Tanjung Berlayar 3 01 S 116 16 E
Pulau Laut
Tanjung Pemancingan 3 13 S 116 17 E
Kota Baru 3 14 S 116 14 E
Setagin 3 17 S 116 09 E
Batu Licin 3 27 S 116 00 E
Satui 3 49 S 115 29 E
Taboneo 3 47 S 114 39 E
Banjarmasin 3 20 S 114 35 E

99D

P Y G C B T A

River Murung
Kuala Kapuas 3 00 S 114 22 E

G

River Kahayan
Bahaur 3 18 S 114 02 E
Pulang Pisau 2 45 S 114 15 E

G B

Palangkaraya 2 16 S 113 55 E
Sabangan Bay 3 17 S 113 23 E
Sampit 2 59 S 113 03 E

G A

P Petroleum **Q** Other Liquid Bulk **Y** Dry Bulk **G** General Cargo
C Containers **R** Ro-Ro **B** Bunkers **D** Dry Dock **T** Towage
A Airport (within 100km)

INDONESIA *continued*

100A

Pangkalan Bun 2 57 S 111 24 E
Kendawangan 2 28 S 110 11 E
Ketapang 1 50 S 109 59 E
Telok Ayer 0 44 S 109 34 E
Pontianak 0 01 S 109 21 E

G C A

Singkawang 0 55 N 108 58 E
River Sambas
Pemangkat 1 08 N 108 55 E
Sintete 1 13 N 109 03 E
Sambas 1 22 N 109 18 E

SUMATERA

Sunda Strait
Lampung Bay
Tarahan 5 40 S 105 28 E
Panjang 5 28 S 105 20 E

P Y G C R B D T A

Telukbetung 5 27 S 105 16 E

100B

Semangka Bay
Kota Agung 5 30 S 104 37 E
Semangka Bay Terminal 5 35 S 104 37 E

P T A

Kru 5 11 S 103 56 E
Bintuhan 4 49 S 103 22 E
Enggano Island 5 25 S 102 15 E
Pulau Baai 3 55 S 102 17 E
Bengkulu 3 47 S 102 15 E

P Y G B T A

Pagai Utara Island 2 15 S 100 05 E
Pagai Selatan Island 3 00 S 100 20 E
Sipura Island 2 10 S 99 40 E
Teluk Bungus 1 03 S 100 23 E
Teluk Bayur 1 00 S 100 21 E

P Y G C B T A

Padang 0 56 S 100 22 E
Siberut Island 1 36 S 99 13 E
Batu Island 0 05 S 98 21 E
Nias Island

100C

Gunung Sitoli 1 17 N 97 37 E

G R A

Sibolga 1 44 N 98 46 E

P G R A

Barus 2 05 N 98 23 E
Singkel 2 16 N 97 48 E
Simeulue Island
Sinabang 2 29 N 96 23 E
Tapaktuan 3 16 N 97 12 E
Meulaboh 4 08 N 96 08 E
Calang 4 37 N 95 35 E
Lhoknga 5 27 N 95 14 E

Y B T

Uleelheue 5 33 N 95 17 E
Kruengraya (Malahayati) 5 36 N 95 30 E
Weh Island
Sabang 5 53 N 95 19 E

G A

Sigli 5 24 N 95 59 E

100D

Langsa Terminal 5 19 N 98 03 E

P

Krueng Geukueh 5 14 N 97 03 E
Blang Lancang (Arun) 5 15 N 97 04 E

P Q G T A

Lhokseumawe 5 10 N 97 09 E

Q Y G T A

Kuala Beukah Terminal 4 53 N 97 57 E
Kualalangsa 4 31 N 97 59 E
Aru Bay
Sembilan Island 4 08 N 98 15 E
Pangkalan Susu 4 07 N 98 12 E

P Q G B T A

Pangkalan Brandan 4 02 N 98 17 E
Belawan 3 48 N 98 43 E

P Y G C B D T A

Kuala Tanjung 3 21 N 99 29 E

101A

River Asahan
Teluk Nibung 3 00 N 99 49 E

G A

Tanjung Balai 2 58 N 99 48 E
Sungei Bila
Labuhan Bilik 2 31 N 100 10 E
Pulau Halang 2 11 N 100 40 E
Bagan Si Api Api 2 09 N 100 48 E
Dumai 1 41 N 101 27 E

P Y G T A

Siak River
Siak 0 45 N 102 05 E
Buatan 0 43 N 101 50 E
Kuala Mandau 0 47 N 101 47 E
Perawang 0 39 N 101 37 E
Rumbai 0 33 N 101 30 E
Pekanbaru 0 33 N 101 27 E

P G C A

Bengkalis 1 28 N 102 06 E

G

Sungei Pakning 1 22 N 102 11 E

101B

P G T A

Lalang Terminal 1 11 N 102 13 E

P T

Selatpanjang 0 58 N 102 40 E
Pulau Sambu 1 09 N 103 54 E

P G B T

Pulau Batam
Kabil 1 05 N 104 08 E
Batu Ampar 1 10 N 104 00 E
Sekupang 1 08 N 103 56 E
Bintan Island
Tanjung Uban 1 04 N 104 13 E

P Q G B A

Tanjung Pinang 0 56 N 104 27 E
Kijang Strait
Kijang 0 51 N 104 37 E

Y G A

Tembilahan 0 20 S 103 10 E

101C

Selajar Island
Penuba 0 20 S 104 28 E
Singkep Island
Dabo 0 30 S 104 34 E
Kuala Enok 0 32 S 103 24 E
Kualatungkal 0 48 S 103 27 E
Muarasabak 1 08 S 103 48 E
River Jambi
Jambi (Telanaipura) 1 35 S 103 37 E

P Y G C A

River Banyu Asin
Tanjung Apiapi 2 17 S 104 51 E
Lalang River 2 22 S 104 38 E
Musi River
Sungei Gerong 2 59 S 104 51 E
Plaju 2 59 S 104 50 E
Pusri 2 59 S 104 47 E
Palembang 2 59 S 104 46 E

P Q Y G C B D T A

Bangka Island

101D

Exspan Terminal 1 50 S 105 08 E
Muntok 2 04 S 105 10 E
Belinyu 1 39 S 105 47 E
Sungei Liat 1 51 S 106 08 E
Pangkalbalam 2 06 S 106 10 E

P G C B T A

Pangkalpinang 2 08 S 106 09 E
Toboali 3 01 S 106 27 E
Belitung Island
Tanjung Pandan 2 45 S 107 38 E

G T A

Manggar 2 50 S 108 10 E

JAWA

Anyer 6 02 S 105 56 E
Cigading 6 01 S 105 57 E

Y G B

102A

Banten 6 01 S 105 58 E

P Y G C T

Prointal 5 57 S 106 00 E
Tanjung Gerem 5 56 S 105 59 E
Merak 5 56 S 105 58 E

P Q Y G C B A

Tanjung Sekong 5 55 S 106 00 E

P Q G B

Suralaya 5 53 S 106 01 E
Serang 6 07 S 106 09 E
Cinta Terminal 5 27 S 106 14 E

P T A

Intan Terminal 4 35 S 106 39 E
Widuri Terminal 4 40 S 106 39 E
Jakarta 6 06 S 106 52 E

P Q Y G C R B D T A

Cengkareng Terminal 6 00 S 106 44 E
Tanjung Priok 6 05 S 106 53 E
Tanjung Bungin 5 56 S 107 06 E

102B

Arjuna Terminal 5 53 S 107 45 E

P Q

Pamanukan 6 12 S 107 46 E
Indramayu 6 19 S 108 19 E
Balongan Terminal 6 16 S 108 27 E

P T

Cirebon 6 41 S 108 33 E

Y G C B D T A

Tegal 6 51 S 109 08 E

G B T

Pekalongan 6 52 S 109 41 E
Semarang 6 58 S 110 25 E

P Q Y G C B T A

Jepara 6 35 S 110 39 E
Taju 6 32 S 111 03 E
Rembang 6 41 S 111 20 E
Lasem 6 41 S 111 26 E
Kampung Bantjar 6 48 S 111 45 E

102C

Tuban 6 54 S 112 04 E

G

Bawean Island
Sangkapura 5 52 S 112 41 E
Madura Island
Bangkalan 7 02 S 112 44 E
Sumenep Bay
Kalianget 7 04 S 113 57 E

G R A

Camplong 7 12 S 113 42 E
Branta 7 13 S 113 27 E
Madura Terminal 6 47 S 112 58 E
Gresik 7 09 S 112 39 E

P Q Y G A

Tanjung Perak 7 12 S 112 43 E
Surabaya 7 12 S 112 44 E

P Q Y G C R B T A

Pasuruan 7 37 S 112 53 E
Probolinggo 7 43 S 113 13 E

102D

P Q Y G T A

Panarukan 7 42 S 113 56 E

G T

Kalbut 7 37 S 113 59 E
Situbondo (Silanga) 7 42 S 114 07 E
Jangkar 7 40 S 114 10 E
Meneng 8 07 S 114 23 E

P G T

Tanjung Wangi (Banyuwangi) 8 12 S 114 23 E
Cilacap 7 44 S 109 00 E

P Q Y G B T A

Jawa Head 6 46 S 105 12 E
Christmas Island **(Australia)**
Flying Fish Cove 10 25 S 105 43 E

P Y G B A

Cocos (Keeling) Islands **(Australia)**

p.12/13

Port Refuge 12 06 S 96 52 E

103A

Bali Island
Gilimanuk 8 10 S 114 26 E
p.42/43

G	R								

Celukan Bawang 8 11 S 114 50 E

G									

Buleleng 8 06 S 115 06 E
Manggis 8 29 S 115 31 E
Labuan Amuk 8 33 S 115 33 E
Benoa 8 45 S 115 15 E

P	G	T	A						

Lombok Island
Lembar (Ampenan) 8 34 S 116 04 E

P	Y	G	B	A					

Labuan Haji 8 42 S 116 34 E
Sumbawa Island
Tanjung Benete 8 53 S 116 44 E
Kempo 8 40 S 118 11 E
Bima 8 25 S 118 43 E
Tanjung Maloh 8 54 S 116 44 E

103B

Badas 8 30 S 117 26 E
Sumba Island
Waingapu 9 37 S 120 13 E
Flores Island
Ende 8 51 S 121 39 E
Larantuka 8 20 S 123 00 E
Maumere 8 36 S 122 13 E

G	B	T	A						

Timor Island
Kupang 10 10 S 123 34 E

P	Y	G	R	B	T	A			

Atapupu 9 02 S 124 53 E

EAST TIMOR (TIMOR LESTE)

Dili 8 32 S 125 34 E
Com 8 21 S 127 02 E
Aliambata 8 48 S 126 35 E

INDONESIA

Moa Island

103C

Kaiwatu 8 06 S 127 49 E
Tanimbar Islands
Yandema
Saumlaki 8 00 S 131 17 E
Aru Islands
Dobo 5 46 S 134 13 E
Benjina 6 03 S 134 16 E

IRIAN JAYA

Merauke 8 28 S 140 23 E

G	A								

Amamapare 4 49 S 136 58 E

Y	B	T	A						

Adi Island
Mangawitoe 4 13 S 133 29 E
Kaimana 3 39 S 133 46 E
Fak Fak 2 56 S 132 18 E

G	A								

Babo 2 33 S 133 26 E

103D

Sungei Muturi
Muturi 2 12 S 133 42 E
Steenkool 2 07 S 133 31 E
Salawati 1 21 S 130 59 E
Kasim 1 18 S 131 01 E

P	T	A							

Sorong 0 53 S 131 14 E

P	G	C	R	B	T				

Manokwari 0 52 S 134 05 E

P	G	R	A						

Nabire 3 23 S 135 31 E
Biak Island
Biak 1 10 S 136 04 E

P	Y	G	C	B	T	A			

Humboldt Bay 2 35 S 140 47 E
Jayapura 2 32 S 140 43 E

P	G	C	R	B	A				

MALUKU (MOLUCCAS)

104A

Halmahera Island
Tobelo 1 44 N 128 00 E
Galeia 1 49 N 127 49 E
Jailolo 1 06 N 127 27 E
Sidangoli 0 53 N 127 29 E
Payahe 0 22 N 127 42 E
Buli 0 52 N 128 17 E
Gebe Island
Tanjung Sofa 0 03 N 129 17 E
Tanjung Ubulie 0 03 S 129 23 E
Buru Island
Namlea 3 15 S 127 05 E
Geser Island 3 52 S 130 53 E
Banda Island
Naira 4 33 S 129 54 E
Seram Island
Waisarissa 3 12 S 128 16 E
Wahai Bay 2 47 S 129 30 E
Bula 3 05 S 130 29 E
Masohi 3 19 S 128 59 E
Amahai 3 19 S 128 56 E
Ambon Island

104B

Wayame 3 40 S 128 10 E
Ambon 3 42 S 128 10 E

P	G	C	R	B	T	A			

Buru Island 3 06 S 126 06 E
Sula Islands
Taliabu Island 0 02 S 125 00 E
Mangole Island
Mangole 1 56 S 125 50 E
Obi Island 1 30 S 127 40 E
Bacan Island
Labuha 0 38 S 127 28 E
Ternate Island
Ternate 0 47 N 127 23 E

P	G	C	A						

Talaud Island 4 14 N 126 47 E
Sangihe Island
Tahuna 3 35 N 125 30 E
Siau Island
Ondong 2 45 N 125 22 E
Mahuneni 2 39 N 125 22 E

SULAWESI

104C

Bitung 1 26 N 125 11 E

P	G	C	R	B	T	A			

Belang 0 55 N 124 48 E
Gorontalo 0 30 N 123 03 E

P	G	A							

Tilamuta 0 29 N 122 21 E
Libuo 0 27 N 122 00 E
Bumbulan 0 28 N 122 04 E
Marisa 0 27 N 121 56 E
Moutong 0 27 N 121 13 E
Tomini 0 30 N 120 33 E
Parigi 0 50 S 120 13 E
Poso 1 23 S 120 45 E
Ampana 0 52 S 121 35 E
Banggai Island
Banggai 1 30 S 123 31 E
Bunta 0 49 S 122 10 E
Luwuk 0 56 S 122 47 E
Batui 1 15 S 122 34 E

104D

Kendari 3 58 S 122 35 E

P	G	C	B	A					

Baubau 5 27 S 122 36 E
Pomalaa 4 10 S 121 35 E
Kolaka 4 03 S 121 35 E
Mangkasa Terminal 2 44 S 121 04 E
Malili 2 38 S 120 59 E
Palopo 2 59 S 120 13 E
Kajang 5 20 S 120 22 E
Bonthain 5 33 S 119 57 E
Makassar (Ujung Pandang) 5 08 S 119 24 E

P	Q	Y	G	C	R	B	T	A		

Biringkassi 4 49 S 119 30 E
Pare Pare 4 00 S 119 37 E

P	G	R	B						

Majene 3 33 S 118 58 E
Mamuju 2 41 S 118 55 E
Sampaga 2 18 S 119 09 E
Kambunong 1 57 S 119 17 E

Karosa 1 46 S 119 21 E

105A

Pantoloan 0 42 S 119 51 E

P	G	C	R	B	T	A			

Palu 0 52 S 119 51 E
Tanjung Ogogili 0 48 N 120 30 E
Tolitoli 1 05 N 120 48 E
Buol 1 10 N 121 27 E
Kuandang 0 51 N 122 55 E
Inobonto 0 55 N 124 06 E
Amurang 1 12 N 124 34 E
Manado (Menado) 1 30 N 124 50 E

PHILIPPINES

Palawan Island p.44
Babuyan 9 59 N 118 54 E
Matinloc Terminal 11 29 N 119 01 E
Cadlao Terminal 11 20 N 118 59 E
Nido Terminal 11 03 N 118 49 E
Boayan Island 10 33 N 119 07 E
Port Barton 10 29 N 119 15 E
Ulugan Bay 10 10 N 118 48 E
Rio Tuba 8 30 N 117 25 E

105B

Brooke's Point 8 46 N 117 49 E
Puerto Princesa 9 45 N 118 44 E

P	Y	G	C	R	B	T	A		

West Linapacan Terminal
11 49 N 119 07 E
Cuyo Islands
Cuyo 10 52 N 121 03 E
Calamian Islands
Busuanga Island
Port Calton 12 11 N 120 06 E
Coron 12 00 N 120 12 E
Semirara Island
Dapdap 12 03 N 121 22 E
Mindoro Island
San Jose 12 25 N 121 03 E
Mangarin 12 20 N 121 04 E
Bongabong 12 45 N 121 29 E
Quinabigan 12 58 N 121 28 E
Naujan 13 20 N 121 18 E
Calapan 13 23 N 121 10 E
San Teodoro 13 26 N 121 01 E
Luzon Island
Lokanin Point 14 29 N 120 37 E

105C

Lamao 14 31 N 120 36 E
Bataan 14 32 N 120 37 E
Quitang Point 14 33 N 120 36 E
Limay 14 34 N 120 36 E

P	Y	G	B						

Navotas 14 39 N 120 57 E
Manila 14 35 N 120 58 E

P	Q	Y	G	C	R	B	D	T	A	

Cavite 14 30 N 120 55 E
Rosario 14 25 N 120 51 E
Nasugbu 14 05 N 120 38 E
Calaca 13 55 N 120 48 E
Bauan 13 47 N 121 00 E
Batangas 13 45 N 121 03 E

P	Q	Y	G	C	R	B	D			

Tabangao 13 43 N 121 03 E
Castanas 13 53 N 121 33 E
Pagbilao 13 51 N 121 45 E

Y										

Marinduque Island

105D

Gasan 13 20 N 121 51 E
Pangi 13 20 N 121 50 E
Port Balanacan 13 32 N 121 52 E
Balogo 13 31 N 122 03 E
Santa Cruz 13 30 N 122 03 E

Y	G	B	T							

Masagasai Bay 13 25 N 122 06 E
Luzon Island
Catanauan 13 35 N 122 19 E
Pasacao 13 29 N 123 02 E
Sorsogon 12 58 N 124 00 E
Magallanes 12 50 N 123 51 E
Bulan 12 40 N 123 52 E
Matnog 12 35 N 124 05 E
Legazpi 13 09 N 123 45 E

P	Q	Y	G	R	B	T	A			

Tabaco 13 22 N 123 44 E

Y	G	B	A							

P Petroleum **Q** Other Liquid Bulk **Y** Dry Bulk **G** General Cargo
C Containers **R** Ro-Ro **B** Bunkers **D** Dry Dock **T** Towage
A Airport (within 100km)

PHILIPPINES *continued*

106A

Nato 13 36 N 123 34 E
Sabang 13 43 N 123 35 E
Catanduanes Island
Virac 13 35 N 124 14 E
Lamit Bay 13 58 N 123 32 E
Tandoc 14 03 N 123 18 E

G									

Daet River
Mercedes 14 07 N 123 00 E
Paracale 14 17 N 122 47 E
Jose Panganiban 14 19 N 122 40 E

P	G	B	A						

Larap Bay 14 18 N 122 38 E
Dahikan Islands
Dahikan Bay 14 19 N 122 36 E
Capalonga 14 21 N 122 31 E
Lamon Bay
Hondagua 13 57 N 122 14 E
Siain 13 57 N 122 01 E
Atimonan 14 00 N 121 55 E

106B

Mauban 14 11 N 121 44 E
Puerto Real 14 45 N 121 36 E
Polillo Island
Polillo 14 45 N 121 54 E
Dingalan Bay 15 15 N 121 26 E
Baler 15 45 N 121 34 E
Casiguran 16 17 N 122 07 E
Diapitan Bay 16 25 N 122 14 E
San Vicente 18 30 N 122 08 E
Batan Island
Basco 20 27 N 121 58 E
Port Irene 18 23 N 122 06 E

G	T	A							

Cagayan River
Aparri 18 21 N 121 38 E

P	G	B	A						

Lallo 18 12 N 121 39 E
Pamplona 18 30 N 121 22 E
Abulug 18 27 N 121 27 E
Claveria 18 37 N 121 05 E

Y	G	A							

Laoag 18 12 N 120 36 E

106C

Currimao 17 59 N 120 29 E

P	Y	G	A						

Badoc 17 55 N 120 28 E
Salomague 17 48 N 120 24 E
Tagudin 16 57 N 120 26 E
Carlatan 16 38 N 120 19 E
San Fernando Harbour

P	Y	G	B	T	A				

Poro 16 37 N 120 19 E
Lingayen 16 01 N 120 13 E
Sual 16 04 N 120 06 E
Bolinao 16 24 N 119 54 E
Santa Cruz 15 44 N 119 52 E

Y	A								

Bani 15 33 N 119 56 E
Masinloc 15 32 N 119 57 E

Y	B								

Port Matalvi 15 29 N 119 55 E

106D

Subic Bay 14 47 N 120 14 E

P	Y	G	C	B	D	T	A		

Olongapo 14 48 N 120 16 E
Mariveles 14 25 N 120 30 E

P	Q	Y	G	B	D				

Romblon Island
Romblon 12 35 N 122 16 E
Masbate Island
Colorada Point 12 33 N 123 23 E
Port Barrera 12 33 N 123 24 E
Masbate 12 12 N 123 37 E
Santo Nino Island
Santo Nino 11 55 N 124 26 E
Samar Island
Catbalogan 11 47 N 124 53 E
Calbayog 12 04 N 124 36 E
Pambuhan 12 33 N 124 55 E
Laoang 12 34 N 125 01 E
Port Libas 11 46 N 125 28 E
Borongan 11 37 N 125 28 E

107A

Hernani 11 19 N 125 37 E
Port General MacArthur
11 15 N 125 33 E
Leyte Island
Tacloban 11 15 N 125 00 E

P	Y	G	C	R	A				

Tanauan 11 07 N 125 01 E
Tolosa 11 04 N 125 02 E
Maasin 10 08 N 124 50 E
Baybay 10 41 N 124 48 E
Ormoc 11 00 N 124 36 E
Isabel 10 55 N 124 25 E

Q	Y	B							

Palompon 11 04 N 124 22 E
Poro Island
Poro 10 38 N 124 25 E
Panay Island
Banate 11 01 N 122 52 E
Bayang Point 11 02 N 122 55 E
Estancia 11 27 N 123 09 E
Roxas (Capiz) 11 37 N 122 42 E
Port Batan 11 36 N 122 30 E

107B

Buson 11 03 N 122 03 E
San Jose de Buenavista
10 45 N 121 55 E
Iloilo 10 42 N 122 34 E

Q	Y	G	C	R	B	D	T	A	

Guimaras Island 10 40 N 122 35 E

Q	Y	G	B	T	A				

Inampulugan Island 10 28 N 122 43 E
Nalunga Island 10 30 N 122 43 E
Negros Island
Hinigaran 10 16 N 122 50 E
Bulata 9 51 N 122 24 E
Cartagena 9 48 N 122 23 E
Consolacion 9 35 N 123 07 E
Hinobaan 9 34 N 122 30 E
Asia 9 32 N 122 30 E
Tulong 9 20 N 122 51 E
Bacong 9 14 N 123 17 E
Tulong 9 20 N 122 51 E
Dumaguete 9 18 N 123 18 E

Q	Y	G	C	R	B	A			

Bais 9 35 N 123 07 E

107C

P	Y								

Campuyo 9 41 N 123 09 E
Ayungon 9 52 N 123 19 E
San Carlos 10 29 N 123 25 E
Escalante 10 52 N 123 31 E
Vito Point 10 54 N 123 31 E
Sagay 10 57 N 123 25 E
Cadiz 10 58 N 123 19 E
Victorias 10 54 N 123 04 E
Mambagid 10 51 N 122 57 E
Bacolod 10 40 N 122 57 E
Pulupandan 10 31 N 122 48 E

P	Y	G	R	B					

Cebu Island
Cebu 10 18 N 123 54 E

P	Q	Y	G	C	R	B	T	A	

Naga 10 13 N 123 45 E
Alcoy 9 43 N 123 30 E
Mambagi 9 41 N 123 30 E
Toledo 10 22 N 123 38 E

107D

Sangi 10 23 N 123 38 E

Y	G	B	A						

Balamban 10 30 N 123 43 E
Hagnaya Bay 11 07 N 123 56 E
Bogo 11 03 N 124 00 E
Mactan Island 10 19 N 123 57 E
Bohol Island
Talibon 10 09 N 124 20 E
Ubay 10 02 N 124 28 E
Jagna 9 39 N 124 22 E
Garcia Hernandez 9 37 N 124 17 E
Tagbiliran 9 39 N 123 51 E

P	Y	G	R	B	A				

Maribojoc 9 44 N 123 50 E
Tubigon 9 56 N 123 57 E
Camiguin Island
Mambajao 9 15 N 124 43 E
Dinagat Island
Cagdianao 9 54 N 125 40 E

Dinagat 9 58 N 125 36 E

108A

Osmena 10 10 N 125 30 E
Nonoc Island
Port Nonoc 9 49 N 125 37 E
Siargao Island
Dapa 9 45 N 126 03 E
Mindanao Island
Placer 9 39 N 125 36 E
Surigao 9 47 N 125 30 E

Y	G	R	B						

Lipata 9 48 N 125 26 E
Cabadbaran 9 07 N 125 32 E
Masao 9 01 N 125 33 E
Butuan 8 57 N 125 33 E
Nasipit 8 59 N 125 20 E
Anakan 8 51 N 125 09 E
Gingoog 8 50 N 125 06 E
Lunao 8 51 N 125 03 E
Medina 8 55 N 125 02 E
Macajalar Bay
Jasaan 8 38 N 124 46 E
Villanueva 8 35 N 124 45 E

Y	B	T	A						

Tagoloan 8 32 N 124 45 E

108B

Bugo 8 31 N 124 45 E
Tablon 8 30 N 124 39 E
Balingasag 8 43 N 124 45 E
Cagayan de Oro 8 29 N 124 39 E

P	Y	G	C	R	B	A			

Lugait 8 20 N 124 15 E
Quinalang Cove 8 17 N 124 16 E
Kiwalan 8 16 N 124 16 E
Iligan 8 14 N 124 14 E

Q	Y	G	C	R	B	A			

Kolambugan 8 07 N 123 53 E
Ozamis (Misamis) 8 09 N 123 51 E

P	Y	G	R	B	A				

Jimenez 8 20 N 123 51 E
Oroquieta 8 29 N 123 48 E
Plaridel 8 37 N 123 42 E
Dapitan 8 38 N 123 23 E
Dipolog 8 35 N 123 20 E

108C

Roxas 8 31 N 123 15 E
Port Santa Maria 7 46 N 122 06 E
Panabutan 7 35 N 122 07 E
Caldera Bay 6 57 N 121 58 E
Zamboanga 6 54 N 122 04 E

P	Y	G	C	B	A				

Vitali Point 7 23 N 122 23 E
Kabasalan 7 48 N 122 46 E
Olutanga Island
Suba Nipa 7 18 N 122 51 E
Malangas 7 38 N 123 02 E
Margosatubig 7 35 N 123 01 E
Pagadian 7 49 N 123 26 E
Polloc 7 21 N 124 13 E

G	C	R	A						

Cotabato 7 14 N 124 15 E
Linek 7 10 N 124 08 E
Lebak 6 33 N 124 02 E
Milbuk 6 09 N 124 16 E
Sarangani Bay
Makar 6 05 N 125 10 E

108D

General Santos (Dadiangas)
6 06 N 125 10 E

P	G	C	R	B	A				

Malalag Bay 6 37 N 125 24 E
Tagabuli Bay 6 48 N 125 24 E
Davao 7 04 N 125 37 E

P	Q	Y	G	C	R	B	D	T	A	

Sasa 7 07 N 125 39 E
Tibungeo (Tibungko) 7 12 N 125 39 E
Tambongon (Tambungon)
7 15 N 125 40 E
Panabo 7 18 N 125 41 E
La Paz 7 19 N 125 44 E
Maco 7 21 N 125 51 E
La Union 6 42 N 126 05 E
Mati 6 57 N 126 13 E
Caraga 7 21 N 126 34 E
Bislig Bay
Bislig 8 13 N 126 19 E

G	B	A							

109A

Lianga 8 38 N 126 06 E
Tandag 9 04 N 126 12 E
Adlay 9 25 N 125 54 E
Taganito 9 33 N 125 45 E
Gigaquit 9 36 N 125 41 E
Basilan Island
Isabela 6 42 N 121 58 E
G A
Lamitan 6 40 N 122 08 E
Maluso Bay
Port Holland 6 33 N 121 52 E
Jolo Island
Jolo 6 03 N 121 00 E
P Q G B T A
Siasi Island
Siasi 5 33 N 120 49 E
Tawitawi Island
Batu Batu 5 04 N 119 53 E
Bongao Island
Bongao 5 01 N 119 46 E
Tumindao Island
Sitangkai 4 40 N 119 23 E

THAILAND

Takbai 6 16 N 102 03 E p.41
Narathiwat 6 28 N 101 51 E
Pattani 6 57 N 101 18 E
Songkhla 7 14 N 100 35 E
Y G C T A
Bongkot Terminal 8 03 N 102 20 E
P
Lakon 8 23 N 99 59 E
Tha Sala 8 40 N 99 58 E
Erawan Terminal 9 06 N 101 21 E
P
Thatong 9 11 N 99 25 E
Khanom 9 16 N 99 53 E
P Y G B

109C

Surat Thani 9 09 N 99 20 E
Platong Terminal 9 42 N 101 25 E
Tantawan Terminal 10 05 N 101 25 E
P
Chumphon 10 31 N 99 13 E
Benchamas Terminal 10 32 N 101 16 E
P
Prachuap 11 11 N 99 36 E
Y G C R B T
Thap Sakae 11 30 N 99 35 E
Prachuap Khiri Khan 11 47 N 99 49 E
Samut Sakhon 13 32 N 100 16 E
Chao Phraya River
Paknam 13 36 N 100 34 E
Bangkok 13 42 N 100 34 E
P Y G C B D T A
Bang Pakong 13 31 N 100 59 E
Sriracha 13 07 N 100 53 E
P Q Y G C B T

109D

Ko Sichang 13 09 N 100 48 E
P C B T
Siam Seaport 13 08 N 100 53 E
Y G C R B T
Laem Chabang 13 05 N 100 53 E
Y G C T A
Pattaya 12 57 N 100 53 E
Sattahip 12 39 N 100 51 E
G C B T
Map Ta Phut 12 39 N 101 09 E
P Q G B T
Rayong 12 39 N 101 17 E
P Q Y G C B T
Chanthaburi 12 28 N 102 04 E

CAMBODIA (KAMPUCHEA)

110A

Pointe du Depart 10 43 N 103 32 E
Sihanoukville (Kompong Som)
10 38 N 103 30 E
P Y G C B T A
Ream 10 31 N 103 33 E
Kampot 10 34 N 104 09 E

VIETNAM

Phu Quoc Island
An Thoi 10 01 N 104 02 E
Binh Tri 10 12 N 104 35 E
Hon Chong 10 08 N 104 36 E
Nam Can 8 45 N 104 59 E
Hau Giang River
Can Tho 10 03 N 105 46 E
G C T A
My Thoi 10 20 N 105 29 E
Y G C B A

110B

River Mekong
Vinh Thai 10 14 N 106 05 E
Vinh Long 10 14 N 105 58 E
Phnom Penh **(Cambodia)**
11 36 N 104 54 E
G C B T A
My Tho 10 21 N 106 22 E
River Saigon
Phuoc Khanh 10 38 N 106 49 E
Bong Sen 10 41 N 106 46 E
Y G C
Nha Be 10 42 N 106 45 E
P T
Rau Qua 10 44 N 106 44 E
Y G
Tan Thuan Dong 10 45 N 106 43 E
Y G
Ben Nghe 10 45 N 106 44 E
Y G C

110C

Ho Chi Minh City (Saigon)
10 46 N 106 43 E
P Q Y G C B D T A
Cat Lai 10 45 N 106 46 E
Dong Nai 10 53 N 106 50 E
Binh Duong 10 54 N 106 50 E
Y G C
Chi Lang Terminal 9 34 N 107 53 E
P
Vietsovpetro 01 Terminal 9 44 N 107 57 E
P
Ba Vi Terminal 9 46 N 107 59 E
P
Chi Linh Terminal 9 49 N 108 00 E
P
Su Tu Den Terminal 10 25 N 108 24 E
P

110D

Thi Vai River
Phu My 10 35 N 107 01 E
Y G T
Phuoc Tai 10 40 N 107 01 E
Dong Thap 10 21 N 107 03 E
Y G
Vung Tau (Cap St. Jacques)
10 21 N 107 04 E
P B T
Godau 10 20 N 107 04 E
Bach Ho Terminal 9 46 N 107 58 E
Dai Hung Terminal 8 28 N 108 41 W
Ca Na 11 20 N 108 54 E
Cam-Ranh Bay

111A

Ba Ngoi 11 52 N 109 07 E
Y G B T A
Nha Trang 12 16 N 109 11 E
P Q Y G C B T A
Ninh Phuoc 12 26 N 109 16 E
Van Phong Bay 12 31 N 109 23 E
P A
Hon Khoi 12 34 N 109 14 E
Y G B T A
Dam Mon 12 40 N 109 23 E
Y B A
Vung Ro 12 51 N 109 24 E
Tuy Hoa 13 03 N 109 20 E
Qui Nhon 13 46 N 109 14 E
P Y G C B T A
Phu My 14 07 N 109 06 E
Paracel Islands (Disputed)
Triton Island 15 47 N 111 12 E

111B

Ky Ha 15 18 N 108 41 E
Dung Quat 15 28 N 108 39 E
Da Nang 16 06 N 108 18 E
P Q Y G C R B D T A
Lien Chieu Bay 16 08 N 108 07 E
Hue 16 29 N 107 33 E
Quang Ninh 17 24 N 106 38 E
Dong Nai 18 05 N 106 19 E
Ben Thuy 18 37 N 105 42 E
Nghe Tinh 18 39 N 105 42 E
Y G C B T A
Vung Ang 18 55 N 105 24 E
Y G B T
Nghi Son 19 19 N 105 48 E
Sam Son 19 45 N 105 54 E
Thanh Hoa 19 49 N 105 48 E
Y G C A
Diemdien 20 33 N 106 43 E

111C

Red River
Hanoi 21 01 N 105 50 E
Viet Tri 21 18 N 105 25 E
Cam River
Cua Cam 20 52 N 106 41 E
Y G C
Haiphong 20 52 N 106 40 E
P Y G C R B D T A
Quang Yen 20 56 N 106 48 E
Port Redon 20 59 N 106 46 E
Parseval Bay 20 49 N 107 03 E
Ha Long Bay
Cai Lan 20 58 N 107 02 E
Hongay 20 57 N 107 03 E
P Q Y G C B T A
Pak Ha Mun 20 58 N 107 32 E
Cam Pha 21 04 N 107 21 E
Y B T A
Port Wallut 21 12 N 107 37 E

CHINA

111D

Fangcheng 21 45 N 108 21 E
Y G C B T
Qin Jiang
Qinzhou 21 58 N 108 36 E
P Q Y G T
Beihai 21 27 N 109 03 E
P Y G C B T A
Hainan Island
Puqian 20 02 N 110 34 E
Haikou 20 01 N 110 16 E
P Y G C R B T A
Yangpu 19 42 N 109 20 E
Y G C B T
Basuo (Dongfang) 19 06 N 108 37 E
P Q Y G B T

P Petroleum **Q** Other Liquid Bulk **Y** Dry Bulk **G** General Cargo
C Containers **R** Ro-Ro **B** Bunkers **D** Dry Dock **T** Towage
A Airport (within 100km)

CHINA *continued* — 112A

Sanya (Ya Xian) 18 11 N 109 28 E
Y G C B T A
Yulin 18 13 N 109 32 E
Qionghai 19 14 N 110 27 E
Qinglan 19 35 N 110 53 E
P Y G
Kwangchow Bay
Zhanjiang 21 12 N 110 25 E
P Q Y G C R B T A
Maoming 21 29 N 111 05 E
Shuidong 21 29 N 111 04 E
P Q G C B T
Yangjiang 21 51 N 111 56 E
Tan Jiang p.38/39
Xinhui 22 31 N 113 02 E
P Q Y G C B T
Sanbu 22 28 N 112 45 E — 112B
Xi Jiang
Jiangmen 22 40 N 113 05 E
G C
Leliu 22 50 N 113 07 E
Xin Xing Jiang
Zhaoqing 23 03 N 112 26 E
Wuzhou 23 29 N 111 16 E
Lasawei 22 08 N 113 49 E
Macau 22 12 N 113 33 E
P Q G C A
Zhu Jiang (Pearl River)
Jiuzhou 22 14 N 113 35 E
Gaolan 22 15 N 113 35 E
Zhuhai 22 17 N 113 35 E
P Q Y G C B T
Rongqi 22 41 N 113 13 E
Xiaolan 22 46 N 113 16 E
Panyu 22 54 N 113 18 E
Beijiao 22 54 N 113 10 E
Lianhuashan 22 58 N 113 29 E — 112C
Zhongshan 23 03 N 113 31 E
G
Nansha 22 50 N 113 34 E
P Y G C B T
Huangpu 23 05 N 113 25 E
Changzhou 23 04 N 113 25 E
Y G B T
Guangzhou (Canton) 23 06 N 113 14 E
P Y G C R B T A
Xintang 23 07 N 113 35 E
Dongguan 23 03 N 113 43 E
Humen 22 48 N 113 40 E
P Y G C
Shenzhen 22 31 N 114 08 E
Mawan 22 29 N 113 52 E
P Y G B T
Chiwan 22 28 N 113 53 E — 112D
Y G C B T
Shekou 22 29 N 113 54 E
P Y G C B T

HONG KONG

P Q Y G C R B D T A L
Tap Shek Kok 22 23 N 113 55 E
Tsing Yi Island 22 21 N 114 06 E
Kwai Chung 22 21 N 114 07 E
Kowloon 22 18 N 114 10 E
Victoria 22 17 N 114 10 E
Ap Lei Chau 22 14 N 114 09 E
Lamma Island 22 13 N 114 07 E
Panyu Terminal 20 51 N 114 42 E
P
Liu Hua Terminal 20 50 N 115 42 E
P T
Huizhou Terminal 21 21 N 115 25 E — 113A
P T
Yantian 22 36 N 114 16 E
P Y G C R B T
Aotou 22 43 N 114 31 E p.46/47
Daya Bay
Huizhou 22 42 N 114 34 E
P Q B T
Pinghai 22 34 N 114 53 E
Shanwei 22 48 N 115 20 E
P Y G C B
Chaoyang 23 16 N 116 34 E
Shantou 23 20 N 116 45 E
P Q Y G C B T A
Sanbaimen 23 32 N 117 05 E
Chaozhou 23 40 N 116 38 E
Raoping 23 39 N 117 01 E
Dongshan 23 45 N 117 31 E
Y G C B
Zhangzhou 24 31 N 117 39 E — 113B
Y G C B T
Haicang 24 27 N 117 57 E
Xiamen 24 27 N 118 04 E
Y G C B T A
Weitou 24 31 N 118 34 E

TAIWAN

Jinmen Island (Quemoy) 24 27 N 118 23 E
Mai-Liao 23 47 N 120 10 E
P Q Y G C B T
Pescadores Islands
Makung 23 33 N 119 33 E
Pu-Tai 23 23 N 120 08 E
An Ping 22 59 N 120 08 E
Y G B
Tainan 23 01 N 120 14 E — 113C
Kaohsiung 22 37 N 120 15 E
P Q Y G C R B D T A
Hsin Ta 22 25 N 120 30 E
Hualien 24 00 N 121 38 E
P Y G B T A
Hoping 24 18 N 121 45 E
Suao 24 36 N 121 52 E
P Y G C B T
Shenao 25 07 N 121 49 E
Keelung (Chilung) 25 09 N 121 44 E
P Y G C R B D T A
Tanshui 25 10 N 121 25 E
Sha Lung 25 09 N 121 11 E
Taichung 24 17 N 120 30 E
P Q Y G C R B D T A

CHINA

Quanzhou 24 54 N 118 35 E — 113D
P Y G C B T
Meizhou Bay
Meizhou 25 11 N 119 00 E
Xiuyu 25 13 N 118 59 E
P Y G C B T
Hankong 25 26 N 119 05 E
Hunghwa 25 30 N 119 20 E
Fuqing 25 43 N 119 21 E
Songxia 25 41 N 119 35 E
Y B T
Min Jiang
Mawei 25 59 N 119 27 E
Nantai 26 03 N 119 19 E
Fuzhou 26 03 N 119 18 E
Y G C B T A
Sharp Peak Island 26 08 N 119 40 E
Matsu Island 26 09 N 119 56 E
Sanduao 26 38 N 119 39 E — 114A
Ningde 26 39 N 119 31 E
Changchun 26 44 N 120 02 E
Xiabaishi 26 49 N 119 40 E
Huanghua 28 00 N 120 51 E
Wenzhou 28 02 N 120 39 E
Y G C B T A
Jiaojiang 28 39 N 121 25 E
Haimen 28 41 N 121 26 E
Y G C B T
Zhoushan Qundao
P Y G C B T
Aoshan Terminal 29 58 N 122 15 E
Shenjiamen 29 58 N 122 16 E
Majishan 30 41 N 122 25 E
Beilun 29 56 N 121 53 E
Zhenhai 29 58 N 121 42 E
Ningbo 29 52 N 121 33 E
P Q Y G C B T A
Hangzhou 30 15 N 120 10 E — 114B
Zhapu 30 35 N 121 05 E
P Y G C B T
Jiaxing 30 51 N 120 52 E
Jinshan 30 43 N 121 19 E
P Q
Yangtze River (Chang Jiang)
Baoshan 31 25 N 121 29 E
Wusong 31 24 N 121 32 E
Shanghai 31 15 N 121 30 E
P Y G C R B D T A
Taicang 31 27 N 121 05 E
P Q G C T
Suzhou 31 18 N 120 38 E
Changshu 31 38 N 120 44 E
Y G C T
Nantong 32 00 N 120 48 E
P Q Y G C B D T A
Zhangjiagang 31 58 N 120 24 E — 114C
P Y G C B T
Jingjiang 32 01 N 120 18 E
Jiangyin 31 55 N 120 15 E
P Q Y G C B T
Gaogang 32 07 N 119 52 E
Y G C B T
Taizhou 32 25 N 119 25 E
Q Y G C B T
Zhenjiang 32 13 N 119 26 E
P Q Y G C B T
Yangzhou 32 22 N 119 22 E
Y G C B T
Yizheng 32 12 N 119 12 E
Xinshenwei 31 58 N 118 48 E
Nanjing 32 03 N 118 46 E
P Y G C B T A
Pukou 32 02 N 118 40 E — 114D
Jiangpu 32 02 N 118 36 E
Ma'anshan 31 49 N 118 32 E
Y C T
Wuhu 31 20 N 118 22 E
Y G C T
Tongling 30 57 N 117 40 E
Y G B T
Chizhou 30 39 N 117 27 E
G T
Anqing 30 31 N 117 02 E
P Y G C B T
Hukou 29 42 N 116 21 E
Jiujiang 29 43 N 115 59 E
Y G C B T

Huangshi 30 13 N 115 05 E

Y	G	C	B	T						

Wuhan 30 35 N 114 19 E

G	C	B								

Hankou 30 35 N 114 17 E
Chenglingji 29 26 N 113 08 E

Q	Y	G	C	B	T					

Xiang Jiang
Changsha 28 12 N 112 59 E
Pingtang 28 04 N 112 53 E
Shashi 30 19 N 112 16 E
Zhicheng 30 19 N 111 30 E

Y	G									

Yichang 30 42 N 111 18 E
Badong 31 03 N 110 24 E
Chongqing 29 34 N 106 35 E

Y	G	C	R	T	A					

Jiulongpo 29 30 N 106 31 E

115A

115B

Dafeng 33 12 N 120 25 E
Lianyungang 34 44 N 119 27 E

Y	G	C	B	D	T					

Lanshan 35 05 N 119 21 E
Shijiusuo 35 23 N 119 33 E
Rizhao 35 29 N 119 29 E

P	Y	G	C	B	T					

Jiaozhou Bay
Qingdao 36 04 N 120 19 E

P	Y	G	C	B	D	T	A			

Huangdao 36 03 N 120 13 E
Qianwan 35 59 N 120 11 E
Shidao 36 53 N 122 28 E

Y	G	C	B	T						

Zhangjiabu 37 01 N 122 11 E
Rongcheng 37 09 N 122 24 E
Weihai 37 30 N 122 09 E

Y	G	C	B	T						

115C

Yantai 37 34 N 121 26 E

P	Y	G	C	B	T	A				

Penglai 37 49 N 120 43 E

Y	G	T								

Laizhou Bay
Longkou 37 41 N 120 18 E

Y	G	C	B	T	A					

Laizhou 37 25 N 119 57 E

Y	G	R	B	T						

Huang He River [46[
Dongying 37 27 N 118 28 E
Huanghua 38 26 N 117 23 E
Tanggu 39 00 N 117 39 E
Hai He River
Xingang 38 59 N 117 45 E

P	Y	G	C	B	D	T	A			

Dagu 38 58 N 117 40 E
Tianjin 39 06 N 117 10 E

115D

Tangshan (Jingtang) 39 13 N 119 01 E

Y	B	T								

Qinhuangdao 39 54 N 119 36 E

P	Y	G	C	B	D	T				

Shanhaiguan 39 59 N 119 45 E
Huludao 40 43 N 120 59 E

P	Y	G	B							

Jinxi 40 46 N 120 47 E
Jinzhou 40 45 N 121 06 E

P	Y	G	C	B	T					

Yingkou 40 41 N 122 14 E

P	Q	Y	G	C	B	T				

Bayuquan 40 17 N 121 58 E
Pulandian 39 18 N 121 40 E
Lushun 38 48 N 121 15 E
Dalian 38 55 N 121 41 E

P	Y	G	C	R	B	D	T	A		

Yalu River

116A

Dandong 40 08 N 124 24 E

Y	G	C	R	B	T					

NORTH KOREA

Tasado 39 48 N 124 25 E
Nampo (Chinnampo) 38 44 N 125 25 E

Y	G	B	D	T	A					

Taedong River
Kyomipo 38 45 N 125 38 E
Pyongyang 39 00 N 125 45 E
Haeju 38 00 N 125 42 E

Y	G	B								

SOUTH KOREA

Yeonpyung 37 36 N 125 43 E
Incheon (Inchon) 37 28 N 126 36 E

P	Q	Y	G	C	R	B	T	A		

116B

Tangjin Hwaryok 37 00 N 126 34 E
Daesan (Taesan) 37 01 N 126 25 E

P	Q	B	T							

Pyeongtaek (Pyongtaek) 37 00 N 126 47 E

P	Q	G	R	T						

Taean 36 55 N 126 14 E
Gojeong 36 18 N 126 27 E
Janghang 36 01 N 126 41 E

Y	A									

Gunsan (Kunsan) 36 00 N 126 43 E

P	Q	Y	G	C	R	B	T	A		

Boryoung 35 20 N 126 28 E

Y										

Mokpo 34 47 N 126 23 E

P	Y	G	B	T	A					

Jeju (Cheju) Island
Jeju (Cheju) 33 31 N 126 33 E

P	Y	G	B	T	A					

116C

Seogwipo 33 14 N 126 34 E
Yosu 34 45 N 127 47 E

P	Q	Y	G	C	B	D	T	A		

Samil 34 52 N 127 47 E

P	Q	Y	G	B	A					

Gwangyang (Kwangyang)
34 54 N 127 42 E

P	Q	Y	G	C	R	T	A			

Hadong 34 57 N 127 49 E
Samchonpo 34 55 N 128 04 E
Kosong 34 58 N 128 18 E
Tongyong (Chungmu) 34 50 N 128 25 E
Goeje (Koje) Island
Okpo 34 53 N 128 43 E
Jangseungpo 34 51 N 128 51 E
Jinhae (Chinhae) 35 08 N 128 39 E

Y	G	B	T	A						

Masan 35 11 N 128 36 E

P	Y	G	C	R	B	T	A			

116D

Busan (Pusan) 35 06 N 129 04 E

P	Q	Y	G	C	R	B	D	T	A	

Suyong 35 09 N 129 09 E
Onsan 35 27 N 129 22 E
Ulsan 35 29 N 129 24 E

P	Q	Y	G	C	B	D	T	A		

Mipo 35 31 N 129 27 E
Pohang 36 02 N 129 26 E

P	Y	G	R	B	T	A				

Samchok 37 26 N 129 12 E

Y	G	B	T							

Donghae (Bukpyung) 37 29 N 129 09 E

Y	G	B	T							

Okke 37 30 N 129 05 E

Mukho 37 33 N 129 07 E

117A

Y	G	B	T							

Daepo 38 10 N 128 37 E
Sokcho 38 14 N 128 33 E

NORTH KOREA

Wonsan 39 10 N 127 26 E

P	G	B	T	A						

Songjon 39 20 N 127 30 E
Rempo 39 47 N 127 32 E
Sohojin Harbour
Hungnam 39 48 N 127 40 E

G	A									

Sinpo 40 01 N 128 10 E
Songjin (Kimchaek) 40 40 N 129 12 E

G										

Chongjin 41 46 N 129 49 E

Y	G	C	B	T						

117B

Najin (Rajin) 42 11 N 130 19 E
Unggi 42 20 N 130 25 E

JAPAN

HOKKAIDO p.45

Nemuro 43 20 N 145 35 E
Abashiri 44 01 N 144 17 E

Y	G	B	T	A						

Monbetsu 44 21 N 143 22 E

G	B	T	A							

Esashi (Kitami-Esashi) 44 56 N 142 36 E
Wakkanai 45 25 N 141 42 E

G	B	D	T	A						

Rumoi 43 57 N 141 38 E

P	Y	G	C	R	B	T				

117C

Mashike 43 52 N 141 31 E
Ishikariwan Shinko 43 13 N 141 18 E

P	Q	G	C	B	T	A				

Otaru 43 12 N 141 01 E

P	Y	G	C	R	B	T	A			

Yoichi 43 13 N 140 47 E
Iwanai 42 59 N 140 31 E
Shimamaki 42 41 N 140 03 E
Shizuura 41 29 N 140 01 E
Fukushima 41 28 N 140 16 E
Hakodate 41 47 N 140 43 E

P	Y	G	C	R	B	D	T	A		

Uchiura Bay
Mori 42 07 N 140 35 E
Wanishi 42 20 N 141 00 E
Muroran 42 21 N 140 57 E

P	Y	G	B	D	T	A				

Tomakomai 42 38 N 141 38 E

P	Q	Y	G	C	B	T	A			

117D

Urakawa 42 10 N 142 46 E
Samani 42 07 N 142 55 E
Erimo 42 01 N 143 09 E
Tokachi 42 18 N 143 20 E

Y	G									

Kushiro 42 59 N 144 22 E

P	Y	G	C	R	B	D	T	A		

Akkeshi 43 03 N 144 51 E

HONSHU

Shiriya 41 24 N 141 28 E
Sekinehama 41 22 N 141 13 E
Kawauchi 41 10 N 141 00 E
Ominato 41 14 N 141 11 E
Noheji 40 52 N 141 07 E
Nonai 40 50 N 140 49 E
Aomori 40 49 N 140 45 E

P	Q	Y	G	R	B	T	A			

P Petroleum **Q** Other Liquid Bulk **Y** Dry Bulk **G** General Cargo
C Containers **R** Ro-Ro **B** Bunkers **D** Dry Dock **T** Towage
A Airport (within 100km)

JAPAN *continued*

Noshiro 40 13 N 140 00 E
Y G

Funakawa 39 53 N 139 52 E
P Y G B T A

Akita 39 45 N 140 04 E
P Y G C R B T A

Fukura 39 04 N 139 53 E
Sakata 38 56 N 139 49 E
P Y G C B T A

Ebisu 38 05 N 139 26 E
Niigata-Higashi 38 00 N 139 14 E
Q G C B

Niigata 37 57 N 139 04 E
P Q Y G C R B D T A

Sadoshima
Ryotsu 38 05 N 138 27 E
Ogi 37 49 N 138 17 E
Kashiwazaki 37 22 N 138 33 E
Y G B T

Naoetsu 37 11 N 138 15 E
P Y G C B T

Himekawa 37 02 N 137 51 E
Y G B

Toyama 36 45 N 137 14 E
Toyama Shinko (Shinminato)
36 48 N 137 05 E
Fushiki-Toyama 36 46 N 137 05 E
P Y G C R B D T A

Fushiki 36 47 N 137 03 E
Nanao 37 06 N 137 02 E
P Q Y G B T

Kuroshima 37 16 N 136 44 E
Kanazawa 36 37 N 136 36 E
P G C R B T A

Mikuni 36 13 N 136 08 E
Fukui 36 13 N 136 07 E
G B T

Tsuruga 35 40 N 136 05 E
P Q Y G C R B T A

Takahama 35 30 N 135 32 E
Uchiura 35 32 N 135 30 E
Y G T

Maizuru 35 29 N 135 22 E
P Y G C B D T A

Miyazu 35 35 N 135 13 E
Y G B T

Tsuiyama 35 38 N 134 49 E
Tottori 35 30 N 134 13 E
Sakaiminato 35 32 N 133 15 E
P G C B T A

Shimane 35 33 N 133 03 E
Nishinoshima
Urago 36 05 N 133 00 E
Gotsu 35 00 N 132 13 E
Hamada 34 53 N 132 02 E
Y G B T

Esaki 34 39 N 131 39 E
Hagi 34 24 N 131 24 E
Senzaki 34 24 N 131 12 E
Mutsure 33 58 N 130 52 E
Shimonoseki 33 56 N 130 56 E
P Y G C R B D T A

Onoda 34 00 N 131 11 E
P Q Y G

Ube 33 56 N 131 12 E
P Q Y G C R

Ajisu 34 00 N 131 22 E
Nakanoseki 34 00 N 131 34 E

Mitajiri 34 01 N 131 36 E
P Y G C A

Tonda 34 02 N 131 44 E
Tokuyama 34 00 N 131 48 E
P Q Y G C R B T

Kudamatsu 34 00 N 131 51 E
P G B T

Kasado 33 57 N 131 47 E
Hikari 33 57 N 131 56 E
Y G

Hirao 33 54 N 132 03 E
G R T A

Yanai 33 57 N 132 08 E
Hiroshima Bay
Iwakuni 34 10 N 132 15 E
P Y G C R T A

Kanokawa 34 10 N 132 26 E
P Q B T A

Otake 34 12 N 132 12 E
Hiroshima 34 20 N 132 27 E
P Q Y G C R B D T A

Ujina 34 21 N 132 28 E
Etajima 34 14 N 132 28 E
P G B T

Ogaki 34 10 N 132 27 E
Kure 34 14 N 132 33 E
P Y G R B D T A

Mitsukoshima 34 11 N 132 31 E
Y G B T

Hiro 34 13 N 132 37 E
Akitsu 34 19 N 132 49 E
Takehara 34 19 N 132 55 E
Omishima 34 15 N 133 00 E
Hakatashima
Kinoura 34 12 N 133 08 E
Ikuchishima
Setoda 34 18 N 133 06 E
Saizaki 34 20 N 133 02 E
Mihara 34 23 N 133 06 E
Itozaki 34 23 N 133 06 E
Innoshima
Shigei 34 20 N 133 08 E
Habu 34 17 N 133 11 E
Osakikami Shima
Kinoe 34 13 N 132 54 E
Higashino 34 15 N 132 54 E
Osaki 34 14 N 132 52 E
Iwagishima
Iwagi 34 14 N 133 08 E
Mukaishima 34 23 N 133 12 E
Onomichi 34 24 N 133 11 E
P Y G D T A

Matsunaga 34 25 N 133 15 E
Tsuneishi 34 22 N 133 17 E
Fukuyama 34 26 N 133 27 E
P Y G C B T A

Kasaoka 34 30 N 133 30 E
Y G

Mizushima 34 30 N 133 45 E
P Q Y G C R B D T A

Hibi 34 27 N 133 56 E
Y G B

Naoshima 34 27 N 134 00 E
Y B A

Uno 34 29 N 133 57 E
P Q Y G B D A

Okayama 34 36 N 133 59 E
Saidaiji 34 39 N 134 02 E
Ushimado 34 37 N 134 10 E
Shodoshima
Unchinomi 34 28 N 134 19 E
Katagami 34 43 N 134 13 E
Hinase 34 43 N 134 15 E
Ako 34 44 N 134 23 E

Aioi 34 46 N 134 28 E
G B D T A

Aboshi 34 46 N 134 36 E
P Y G

Hirohata 34 46 N 134 37 E
Y P G R B

Himeji 34 46 N 134 38 E
Shikama 34 47 N 134 40 E
Y G C B T

Mega 34 46 N 134 42 E
P Q B T

Takasago 34 44 N 134 48 E
Higashi-Harima 34 42 N 134 50 E
Q Y G R B T A

Kakogawa 34 42 N 134 50 E
Q Y G R B T

Befu 34 43 N 134 51 E
Akashi 34 39 N 135 00 E
Awajishima
Ichinomiya 34 29 N 134 51 E
Tsuna 34 25 N 134 54 E
Kobe 34 40 N 135 12 E
P Q Y G C R B D T A

Nishinomiya 34 43 N 135 21 E
Amagasaki 34 41 N 135 23 E
P Q Y G T A

Sumoto 34 20 N 134 53 E
Osaka 34 39 N 135 24 E
P Q Y G C R B D T A

Sakai 34 34 N 135 24 E
P Q Y G C R B D T A

Kishiwada 34 28 N 135 22 E
Hannan 34 28 N 135 21 E
P Q Y G B A

Izumisano 34 23 N 135 18 E
Wakayama 34 12 N 135 08 E
P Q Y G C B T A

Kainan 34 09 N 135 11 E
Shimotsu 34 07 N 135 08 E
Arida 34 05 N 135 07 E
Yura 33 57 N 135 06 E
Tanabe 33 43 N 135 21 E
G B A

Katsuura 33 37 N 135 57 E
Shingu 33 42 N 136 00 E
Y G B T

Udono 33 44 N 136 01 E
Owase 34 04 N 136 13 E
P G B

Nagashima 34 11 N 136 21 E
Matsuzaka 34 34 N 136 32 E
Tsu 34 41 N 136 33 E
Yokkaichi 34 57 N 136 38 E
P Q Y G C R B T A

Nagoya 35 03 N 136 51 E
P Q Y G C R B D T A

Chita 34 59 N 136 51 E
Handa 34 53 N 136 56 E
Hekinan 34 56 N 136 57 E
Kinuura 34 52 N 136 57 E
P Q Y G R B T A

Mikawa Bay
Gamagori 34 48 N 137 13 E
P Y G R B T A

Mikawa 34 46 N 137 16 E
Toyohashi 34 43 N 137 19 E
P Y G C R B T A

Tahara 34 40 N 137 18 E
Atsumi 34 40 N 137 04 E
P B

Hamaoka 34 38 N 138 08 E

121A

Omaezaki 34 36 N 138 14 E

Y	G	B	T							

Yaizu 34 52 N 138 20 E
Shimizu 35 01 N 138 32 E

P	Q	Y	G	C	R	B	D	T		

Tagonoura 35 08 N 138 42 E

P	Y	G	R	B	T					

Numazu 35 08 N 138 50 E

G	B									

Kamo 34 51 N 138 47 E
Arari 34 49 N 138 45 E
Shimoda 34 40 N 138 57 E
Usami 35 00 N 139 06 E
Kurihama 35 13 N 139 44 E
Uraga 35 14 N 139 44 E
Yokosuka 35 17 N 139 41 E

P	Y	G	R	D	T	A				

121B

Taura 35 18 N 139 38 E
Oppama 35 19 N 139 39 E
Negishi 35 24 N 139 38 E
Yokohama 35 27 N 139 40 E

P	Q	Y	G	C	R	B	D	T	A	

Tsurumi 35 30 N 139 41 E
Kawasaki 35 30 N 139 45 E

P	Q	Y	G	C	B	D	T	A		

Ogishima 35 30 N 139 46 E
Shibaura 35 37 N 139 45 E
Tokyo 35 41 N 139 44 E

P	Q	Y	G	C	R	B	D	T	A	

Izu-Oshima 35 39 N 139 54 E
Funabashi 35 40 N 139 58 E
Chiba 35 34 N 140 03 E

P	Q	Y	G	C	R	B	D	T	A	

Goi 35 30 N 140 06 E
Kisarazu (Kimitsu) 35 22 N 139 53 E

P	Q	Y	G	R	B	T	A			

121C

Futtsu 35 18 N 139 49 E
Tateyama 35 00 N 139 52 E
Choshi 35 44 N 140 41 E
Kashima 35 56 N 140 42 E

P	Q	Y	G	R	B	T	A			

Hitachinaka 36 25 N 140 25 E

G	C	T								

Nakaminato 36 21 N 140 38 E
Tokai 36 27 N 140 35 E
Hitachi 36 29 N 140 38 E

P	Y	G	C	B	T					

Onahama 36 56 N 140 55 E

P	Y	G	C	R	B	T				

Hirono 37 14 N 141 01 E
Tomioka 37 20 N 141 00 E

G	B									

Okuma 37 23 N 140 59 E
Haramichi 37 38 N 140 58 E
Soma 37 50 N 140 58 E

121D

Y	G	T								

Sendai 38 16 N 141 03 E
Sendai-Shiogama 38 17 N 141 02 E

P	Q	Y	G	C	R	B	T	A		

Shiogama 38 19 N 141 02 E
Ishinomaki 38 25 N 141 18 E

P	Y	G	B	D	T	A				

Oginohama 38 23 N 141 22 E
Onagawa 38 27 N 141 28 E
Kesennuma 38 52 N 141 36 E

P	G	B	T							

Ofunato 38 59 N 141 45 E

P	Y	G	B	T	A					

Kamaishi 39 16 N 141 54 E

Y	G	B	T	A						

Otsuchi 39 21 N 141 54 E

Miyako 39 38 N 141 58 E

122A

Y	G	B	T							

Tamagawa 40 05 N 141 50 E
Kuji 40 10 N 141 46 E
Hachinohe 40 32 N 141 32 E

P	Q	Y	G	C	R	B	D	T	A	

Mutsu Ogawara 40 57 N 141 25 E

SHIKOKU

Hojo 33 58 N 132 46 E
Kikuma 34 02 N 132 50 E

P	B	T	A							

Namikata 34 07 N 132 58 E

P	Q	T								

Hashihama 34 06 N 132 58 E
Imabari 34 04 N 133 01 E

P	Y	G	C	B	D	T	A			

122B

Toyo 33 55 N 133 04 E
Saijo 33 55 N 133 10 E
Niihama 33 59 N 133 17 E

P	Y	G	B	T	A					

Mishima-Kawanoe 34 01 N 133 34 E

Y	G	C	B							

Takuma 34 15 N 133 42 E

Y	G	C	B							

Tadotsu 34 17 N 133 44 E
Marugame 34 18 N 133 47 E
Sakaide 34 20 N 133 51 E

P	Q	Y	G	B	D	T	A			

Takamatsu 34 21 N 134 03 E

P	Y	G	C	B	A					

Naruto 34 11 N 134 37 E
Tokushima 34 03 N 134 36 E
Komatsushima 34 00 N 134 36 E

P	Y	G	C	R	B	T	A			

122C

Anan 33 54 N 134 40 E
Tachibana 33 53 N 134 43 E

Y	G	B								

Kannoura 33 35 N 134 18 E
Kochi 33 31 N 133 34 E

P	Y	G	C	R	B	T	A			

Urado 33 30 N 133 35 E
Susaki 33 23 N 133 18 E

Y	G	T	A							

Sukhumo Bay
Sukumo 32 55 N 132 43 E
Uwajima 33 13 N 132 33 E
Yoshida 33 16 N 132 32 E
Ikata 33 29 N 132 21 E
Yawatahama 33 27 N 132 24 E
Honai 33 28 N 132 23 E
Kawanoishi 33 29 N 132 23 E
Nagahama 33 37 N 132 29 E
Matsuyama 33 51 N 132 42 E

P	Y	G	C	B	T	A				

Nakajima 33 54 N 132 44 E

122D

KYUSHU

Kanda 33 48 N 131 00 E

Y	G	B	T	A						

Tanoura 33 58 N 130 59 E
Moji 33 57 N 130 58 E

P	Y	G	C	R	B	D	T	A		

Kokura 33 54 N 130 54 E

P	Y	G	C	R	B					

Tobata 33 55 N 130 51 E

P	Q	Y	G	B	T	A				

Yawata 33 52 N 130 48 E

Y	G	B	T	A						

Wakamatsu 33 55 N 130 49 E

123A

Y	G	B	T	A						

Makiyama 33 53 N 130 49 E
Futajima 33 53 N 130 44 E
Shirashima 34 01 N 130 44 E
Genkai 33 50 N 130 30 E
Saitozaki 33 38 N 130 21 E
Hakata 33 37 N 130 23 E

P	Q	Y	G	C	R	B	T	A		

Fukuoka 33 39 N 130 21 E
Tsushima
Shimonoshima
Tsutsu 34 07 N 129 11 E
Hitakatsu 34 41 N 129 27 E
Kaminoshima
Izuhara 34 11 N 129 18 E
Kunisaki 33 35 N 131 43 E
Karatsu 33 28 N 129 58 E

Q	Y	G	B	A						

Imari 33 16 N 129 49 E

Y	G	C	R	B	D	A				

123B

Matsuura 33 21 N 129 44 E
Usunoura 33 12 N 129 35 E
Ainoura 33 11 N 129 39 E
Sasebo 33 08 N 129 43 E

P	Y	G	B	D	T	A				

Sakito 33 01 N 129 33 E
Matsushima 32 56 N 129 36 E

Y	G	B	T	A						

Oseto 32 56 N 129 39 E
Nagasaki 32 43 N 129 50 E

P	Y	G	C	R	B					

Kuchinotsu 32 36 N 130 12 E
Suminoye 33 11 N 130 14 E
Miike 33 00 N 130 25 E

P	Q	Y	G	B	T	A				

Omuta 33 02 N 130 26 E
Yokoshima 32 51 N 130 32 E
Misumi 32 36 N 130 28 E

123C

G	R	B	T	A						

Yatsushiro 32 31 N 130 32 E

P	Q	Y	G	C	B	T	A			

Amakusashima
Reihoku 32 30 N 130 02 E
Minamata 32 13 N 130 20 E

Q	Y	G	B	T						

Ushibuka 32 11 N 130 01 E
Komenotsu 32 06 N 130 20 E
Yamagawa 31 11 N 130 38 E
Kiire 31 23 N 130 33 E

P	B	T	A							

Taniyama 31 29 N 130 32 E
Kagoshima 31 35 N 130 34 E

P	Q	Y	G	R	B	T	A			

Yakushima
Miyanoura 30 26 N 130 35 E
Kajiki 31 43 N 130 39 E
Shibushi 31 28 N 131 07 E

123D

Y	G	C	T	A						

Nango 31 31 N 131 22 E
Aburatsu 31 34 N 131 24 E
Miyazaki 31 53 N 131 27 E
Hososhima 32 27 N 131 40 E

P	Q	Y	G	C	R	B	T	A		

Nobeoka 32 35 N 131 43 E
Saiki 32 58 N 131 55 E

Y	G	T								

Tsukumi 33 05 N 131 52 E

Y	G	T								

Usuki 33 08 N 131 49 E
Seki Saki 33 16 N 131 54 E
Saganoseki 33 15 N 131 52 E

P	Q	Y	G	C	B	T	A			

Tsurusaki 33 15 N 131 41 E

P Petroleum **Q** Other Liquid Bulk **Y** Dry Bulk **G** General Cargo
C Containers **R** Ro-Ro **B** Bunkers **D** Dry Dock **T** Towage
A Airport (within 100km)

JAPAN *continued* 124A

Oita 33 16 N 131 40 E
P Q Y G C B T A
Beppu 33 18 N 131 31 E
Nagasu 33 35 N 131 22 E
Satsunan Islands
Amami Island
Naze 28 23 N 129 30 E
Koniya 28 09 N 129 19 E
Ryukyu Islands
Okinawa Island p.46
Naha 26 13 N 127 40 E
G C R T A
Nakagusuku Bay (Buckner Bay)
Yonabaru 26 12 N 127 46 E
Nakagusuku 26 13 N 127 51 E
Kin Bay
Heianza 26 21 N 127 57 E
P Q Y G T
Ishikawa 26 25 N 127 51 E 124B
Miyako Island
Hirara 24 48 N 125 17 E
Ishigaki Island
Ishigaki 24 20 N 124 10 E
Kazan Islands
Iwojima 24 48 N 141 18 E
Ogasawara Islands p.38/39
Chichijima 27 05 N 142 12 E

PACIFIC ISLANDS

GUAM (United States of America)

Apra 13 27 N 144 37 E p.48/49
P G C R A
Agana 13 29 N 144 45 E

NORTHERN MARIANA ISLANDS (United States of America)

Saipan Island 15 12 N 145 43 E
P Y G C R B T A
Tinian Island 14 58 N 145 37 E 124C
P G C R B A
Rota Island
Rota 14 10 N 145 10 E

PALAU (BELAU)

Koror 7 20 N 134 29 E
P G C B A
Angaur 6 54 N 134 09 E

MICRONESIA, FEDERATED STATES OF

Yap Island 9 30 N 138 08 E
P G C B A
Chuuk (Truk) Islands
Eten Anchorage 7 21 N 151 53 E
Chuuk (Truk) 7 27 N 151 52 E
P G C B A
Pohnpei (Ponape) Island 6 59 N 158 13 E 124D
Q G C R B A
Kosrae Island
Okat 5 21 N 162 57 E

MARSHALL ISLANDS

Jaluit 5 55 N 169 39 E
Lae Island 8 55 N 166 16 E
Kwajalein Atoll
Kwajalein 8 43 N 167 44 E
Enewetak Atoll 11 21 N 162 21 E
Wotje Atoll 9 28 N 170 15 E
Maloelap Atoll
Taroa 8 43 N 171 14 E
Majuro Atoll 7 05 N 171 08 E
P G C B A
Djarrit 7 08 N 171 22 E
Milli Atoll 6 05 N 171 44 E

SOLOMON ISLANDS 125A

Santa Cruz Islands
Tikopia Island 12 10 S 168 50 E
Vanikolo Island
Paeu 11 41 S 116 50 E
San Cristobal (Makira) Island
Cape Surville 10 50 S 162 23 E
Pakera Point 10 24 S 161 48 E
Malaita Island
Su'u Harbour 9 10 S 160 55 E
Auki 8 45 S 160 44 E
Florida Islands
Florida Island
Tulagi 9 05 S 160 10 E
G
Ghavutu Island 9 07 S 160 12 E
Makambo Island 9 06 S 160 10 E
Guadalcanal Island
Aola Bay 9 31 S 160 30 E
Tetere 9 25 S 160 14 E
Koli Point 9 24 S 160 09 E
Lungga 9 25 S 160 02 E 125B
Kokum Beach 9 25 S 160 01 E
Honiara 9 25 S 159 58 E
P Q Y G C R B A
Kokumbona Beach 9 25 S 159 55 E
Santa Isabel Island
Allardyce Harbour 7 49 S 158 39 E
Russell Islands
Mbanika Island
Lingatu Cove 9 07 S 159 11 E
Renard Sound 9 04 S 159 14 E
Yandina 9 04 S 159 13 E
G A
New Georgia Islands
Vangunu Island
Dakolae Anchorage 8 34 S 158 07 E
New Georgia Island
Noro 8 13 S 157 12 E
P G C B A
Barora 8 01 S 157 35 E
Lever Harbour 8 02 S 157 35 E 125C
Seghe Point 8 36 S 157 53 E
Viru Harbour 8 30 S 157 43 E
Munda Point 8 20 S 157 15 E
Rendova Island
Rendova Harbour 8 25 S 157 19 E
Kenelo 8 28 S 157 16 E
Gizo Island
Gizo 8 05 S 156 52 E
P G A
Kolombangara Island
Ringi Cove 8 07 S 157 07 E
Vella Lavella Island
Malloco Bay 7 35 S 156 36 E
Choiseul Island
Choiseul Bay 6 42 S 156 25 E
Treasury Island
Blanche Harbour 7 24 S 155 35 E
Shortland Island
Shortland Harbour 7 07 S 155 51 E
Lofung 7 04 S 155 52 E
Faisi Island 7 05 S 155 53 E

PAPUA NEW GUINEA 125D

Bougainville Island
Anewa Bay 6 12 S 155 33 E
P Q Y G C B T A
Kieta 6 13 S 155 38 E
G B T A
Tonolei 6 47 S 155 53 E
Empress Augusta Bay 6 30 S 155 05 E
Soraken 5 34 S 154 43 E
Buka Island
Buka 5 26 S 154 40 E

BISMARCK ARCHIPELAGO

New Britain
Timbuer 4 20 S 152 17 E
Kokopo 4 20 S 152 15 E
Rabaul 4 12 S 152 11 E
P G C R B T A
Cape Hoskins 5 25 S 150 30 E 126A
Kimbe Bay
Kimbe 5 32 S 150 09 E
P Q G C
Cape Gloucester 5 25 S 148 25 E
Arawe Harbour 6 11 S 149 04 E
Wasum 6 03 S 149 20 E
Mowe Harbour 6 14 S 149 35 E
Gasmata Island 6 20 S 150 20 E
Linden Harbour 6 15 S 150 30 E
Fulleborn 6 10 S 150 40 E
Pomio 5 31 S 151 30 E
New Ireland
Kavieng 2 34 S 150 48 E
G C B A
Nabuto Bay
Namatanai 3 40 S 152 26 E
Emirau Island 1 35 S 149 58 E
Mussau Island
Melle Channel 1 32 S 149 35 E
Admiralty Islands
Los Negros Island 126B
Hyane Harbour 2 03 S 147 26 E
Manus Island
Kelaua Harbour 2 05 S 147 20 E
Seeadler Harbour
Lombrum 2 02 S 147 24 E
Lorengau 2 00 S 147 15 E
P G B A
Rengau 2 00 S 147 16 E
Nares Harbour 1 57 S 146 40 E
Mainland Papua New Guinea
Vanimo 2 40 S 141 20 E
Aitape 3 08 S 142 21 E
Wewak 3 35 S 143 40 E
P Y G C B A
Sarang 4 45 S 145 40 E
Alexishafen 5 05 S 145 50 E
Madang 5 15 S 145 50 E
P Y G C B A
Astrolabe Bay
Konstantin Harbour 5 28 S 145 38 E 126C
Saidor 5 40 S 146 30 E
Finschafen 6 33 S 147 53 E
Langemak Bay 6 35 S 147 52 E
Dreger Harbour 6 39 S 147 53 E
Cape Cretin 6 40 S 147 50 E
Lae 6 44 S 146 59 E
P Q G C B T A
Salamaua 7 00 S 147 05 E
Morobe 7 45 S 147 35 E
Buna 8 40 S 148 25 E
Cape Sudest 8 45 S 148 28 E
Oro Bay 8 50 S 148 30 E
G A
Port Harvey 8 54 S 148 36 E
Porlock Harbour 9 02 S 149 04 E
Goodenough Island
Cape Varieta 9 24 S 150 08 E
Beli Beli 9 22 S 150 22 E
Kiriwina Island
Muiao 8 30 S 151 08 E
Woodlark Island 9 20 S 152 48 E 126D
Misima Island
Maika Harbour 10 42 S 152 48 E
Tagula Island
Cape Siri 11 37 S 153 47 E
Milne Bay
Ahioma 10 20 S 150 31 E
Alotau 10 19 S 150 27 E
G C A
Gili Gili 10 19 S 150 23 E
Gamadodo 10 24 S 150 24 E
Vatavaila 10 25 S 150 25 E
Samarai Island
Samarai 10 37 S 150 40 E
Marshall Lagoon 10 06 S 148 05 E
Port Moresby 9 26 S 147 06 E
P G C R B T A
Kumul Terminal 8 06 S 144 33 E
Fly River
Kiunga 6 07 S 141 17 E
Umuda Terminal 8 28 S 143 52 E

Kikori 7 24 S 144 14 E
Daru 9 04 S 143 12 E

127A

AUSTRALIA

QUEENSLAND

Torres Strait
Thursday Island 10 35 S 142 13 E
P Q G B A
Good's Island 10 34 S 142 09 E
Cape York 10 41 S 142 32 E
Weipa 12 40 S 141 55 E
Y G B T A
Archer River 13 55 S 142 00 E
Nassau River 15 55 S 141 35 E
Karumba 17 28 S 140 51 E
P Y G C
Normanton 17 37 S 141 10 E
Mornington Island
Timber Point 16 45 S 139 15 E

127B

NORTHERN TERRITORY

Bing Bong 15 37 S 136 21 E
Groote Eylandt
Milner Bay 13 52 S 136 25 E
P Y T A
Gove 12 12 S 136 40 E
P Q Y G C T A
Cape Wessel 11 00 S 136 45 E
Cape Van Diemen 11 10 S 130 23 E
Darwin 12 28 S 130 51 E
P Q Y G C R B D T A

WESTERN AUSTRALIA

Wyndham 15 27 S 128 06 E
G C B A
Cape Londonderry 13 45 S 126 57 E
Cape Bougainville 13 54 S 126 05 E
Laminaria-Corallina Terminal
10 40 S 126 00 E
Buffalo Terminal 10 40 S 126 05 E
Challis Terminal 12 07 S 125 01 E

127C

P
Jabiru Terminal 11 55 S 125 00 E
P
Yampi Sound 16 08 S 123 38 E
Derby 17 17 S 123 37 E
Y T
Broome 18 00 S 122 15 E
P Y G C B A
Port Hedland 20 20 S 118 37 E
Y G B T A
Balla Balla 20 38 S 117 47 E
Port Walcott 20 36 S 117 11 E
P Y G T A
Cape Lambert 20 35 S 117 11 E
Legendre Terminal 19 42 S 116 43 E

127D

P
Cossack Pioneer Terminal 19 35 S 116 27 E
P Q
Talisman Terminal 19 40 S 116 56 E
Wandoo Terminal 20 08 S 116 28 E
Stag Terminal 20 17 S 116 15 E
P
Dampier 20 39 S 116 43 E
P Q Y G C R A
Varanus Island Terminal 20 38 S 115 36 E
P
Barrow Island 20 40 S 115 27 E

Barrow Island Terminal 20 48 S 115 33 E
P

128A

Onslow 21 38 S 115 06 E
Beadon 21 38 S 115 07 E
Airlie Island
Airlie Island Terminal 21 19 S 115 10 E
Woollybutt Terminal 20 54 S 114 54 E
Griffin Terminal 21 13 S 114 38 E
P Q
Saladin Terminal 21 45 S 115 03 E
P
Exmouth Gulf
Learmonth 22 13 S 114 05 E
Exmouth 21 54 S 114 11 E
Port Exmouth 21 48 S 114 11 E
Point Murat 21 49 S 114 11 E
North West Cape 21 47 S 114 10 E
Point Cloates 22 43 S 113 40 E
Maud Landing 23 03 S 113 46 E
Cape Cuvier 24 13 S 113 24 E
Y T A
Carnarvon 24 53 S 113 40 E
Shark Bay
Denham 25 54 S 113 32 E
Useless Loop 26 05 S 113 25 E

128B

Y A
Geraldton 28 47 S 114 36 E
P Y G C B T A
Point Moore 28 47 S 114 35 E
Dongarra 29 19 S 114 56 E
Perth 31 57 S 115 52 E
Fremantle 32 00 S 115 45 E
P Y G C R B T A
Rottnest Island 32 00 S 115 30 E
Kwinana 32 13 S 115 45 E
Bunbury 33 19 S 115 38 E
Q Y G R B T A
Busselton 33 38 S 115 20 E
Cape Naturaliste 33 32 S 115 01 E
Cape Leeuwin 34 22 S 115 08 E
D'Entrecasteaux Point 34 50 S 116 00 E
Albany 35 02 S 117 55 E

128C

P Y G C R B T A
Breaksea Island 35 07 S 118 01 E
Esperance 33 52 S 121 53 E
P Y G C R B T A

SOUTH AUSTRALIA

Thevenard 32 09 S 133 39 E
Y G B T A
Ceduna 32 08 S 133 41 E
Elliston 33 39 S 134 53 E
Spencer Gulf
Port Lincoln 34 45 S 135 53 E
P Y G R B T A
Tumby Bay 34 25 S 136 08 E
Lipson Cove 34 16 S 136 16 E
Whyalla 33 02 S 137 36 E

128D

P Y G T A
Port Bonython 33 01 S 137 45 E
P Q T A
Port Augusta 32 30 S 137 47 E
Port Germein 33 02 S 138 01 E
Port Pirie 33 11 S 138 01 E
Y G C B T A
Port Broughton 33 34 S 137 53 E
Wallaroo 33 56 S 137 37 E
Y G B T
Port Victoria 34 30 S 137 28 E
Port Rickaby 34 40 S 137 29 E
Cape Spencer 35 18 S 136 52 E
Stenhouse Bay 35 17 S 136 56 E

SOUTH AUSTRALIA

129A

Kangaroo Island
Cape Borda 35 45 S 136 35 E
Nepean Bay
Kingscote 35 39 S 137 37 E
Ballast Head 35 46 S 137 48 E
Cape Willoughby 35 51 S 138 08 E
Gulf of St. Vincent
Edithburgh 35 05 S 137 45 E
Port Giles 35 02 S 137 45 E
Y G B T A
Klein Point 34 58 S 137 46 E
Y
Port Vincent 34 57 S 137 52 E
Port Alfred 34 37 S 137 54 E
Ardrossan 34 26 S 137 55 E
Y T
Port Wakefield 34 11 S 138 09 E
Adelaide (Port Adelaide)
34 47 S 138 30 E
P Q Y G C R B T A
Glenelg 34 59 S 138 31 E
Port Stanvac 35 07 S 138 28 E
Rapid Bay 35 31 S 138 11 E

129B

Cape Jervis 35 36 S 138 06 E
Port Elliot 35 34 S 138 40 E
Port Caroline 36 50 S 139 50 E
Kingston 36 50 S 139 51 E
Cape Jaffa 36 58 S 139 39 E
Robe 37 10 S 139 45 E
Beachport 37 30 S 140 01 E
Cape Northumberland 38 04 S 140 40 E

VICTORIA

Cape Nelson 38 26 S 141 32 E
Portland 38 21 S 141 37 E
P Q Y G C B T A
Port Fairy 38 23 S 142 14 E
Warrnambool 38 24 S 142 29 E
Cape Otway 38 51 S 143 31 E

TASMANIA

129C

King Island 39 50 S 144 00 E
Grassy 40 04 S 144 09 E
River Tamar
Inspection Head 41 09 S 146 49 E
Georgetown 41 06 S 146 49 E
Beauty Point 41 10 S 146 49 E
Bell Bay 41 08 S 146 52 E
Launceston 41 26 S 147 08 E
P Q Y G C R B T A
Devonport 41 11 S 146 22 E
P Q Y G C R B T A
Ulverstone 41 14 S 146 10 E
Burnie 41 03 S 145 55 E
P Q Y G C R B T A
Port Latta 40 51 S 145 23 E
Y A
Stanley 40 46 S 145 18 E
Macquarie Harbour
Strahan 42 10 S 145 20 E
Huon River
Port Huon 43 10 S 147 00 E
Margate 43 02 S 147 16 E
Electrona 43 05 S 147 17 E
River Derwent
Hobart 42 52 S 147 20 E

129D

P Q Y G C R B T A
Risdon 42 49 S 147 19 E
Spring Bay 42 33 S 147 56 E
Triabunna 42 27 S 147 56 E
Eddystone Point 41 00 S 148 21 E
Flinders Island 40 00 S 148 00 E

VICTORIA

Port Phillip Bay
Port Phillip 38 18 S 144 38 E [478
Queenscliff 38 16 S 144 40 E

P Petroleum **Q** Other Liquid Bulk **Y** Dry Bulk **G** General Cargo
C Containers **R** Ro-Ro **B** Bunkers **D** Dry Dock **T** Towage
A Airport (within 100km)

AUSTRALIA *continued*

130A

Geelong 38 07 S 144 23 E
P Q Y G C R B T A

Point Lillias 38 06 S 144 27 E
Point Wilson 38 06 S 144 30 E
Williamstown 37 52 S 144 55 E
Yarraville 37 49 S 144 54 E
Melbourne 37 50 S 144 55 E
P Q Y G C R B D T A

Portsea 38 19 S 144 43 E
Hastings (Westernport) 38 20 S 145 15 E
P Q G R T A

Wilson's Promontory 39 08 S 146 22 E
Barry Beach 38 43 S 146 23 E
Port Welshpool 38 42 S 146 27 E
Gippsland Lakes 37 53 S 147 58 E

NEW SOUTH WALES

Twofold Bay
Eden 37 04 S 149 55 E

130B

Y G C B T A

Jervis Bay 35 06 S 150 47 E
Port Kembla 34 28 S 150 54 E
Q Y G R B T A

Bulli 34 20 S 150 55 E
Botany Bay 34 00 S 151 14 E
P Q G C R B T A

Port Botany 33 58 S 151 13 E
Kurnell 34 00 S 151 14 E
Port Jackson 33 50 S 151 17 E
Sydney 33 50 S 151 15 E
P Q Y G C R B D T A

Catherine Hill Bay 33 10 S 151 38 E
Newcastle 32 56 S 151 47 E
P Y G C R D T A

Hexham 32 49 S 151 40 E
Lord Howe Island 31 32 S 159 05 E
Port Stephens 32 42 S 152 12 E
Port Macquarie 31 25 S 152 55 E
Trial Bay
South West Rocks 30 53 S 153 02 E
Coffs Harbour 30 18 S 153 09 E
Clarence River
Yamba 29 25 S 153 23 E

130C

G C B D T A

Grafton 29 42 S 152 57 E
Ballina 28 52 S 153 37 E

QUEENSLAND

Brisbane 27 19 S 153 10 E
P Q Y G C R B T A

Caboolture 27 05 S 152 57 E
Pumice Stone Strait 26 49 S 153 10 E
Cape Moreton 27 02 S 153 28 E
Caloundra Head 26 48 S 153 09 E
Maryborough 25 25 S 152 45 E
Urangan 25 17 S 152 55 E
Bundaberg 24 46 S 152 23 E

130D

P Q Y G B T A

Gladstone 23 50 S 151 15 E
P Q Y G C B T A

Port Alma 23 35 S 150 52 E
P Q Y G C B A

Rockhampton 23 24 S 150 33 E
Hay Point (Dalrymple Bay) 21 16 S 149 18 E
Y T A

Flat Top Island 21 10 S 149 13 E
Mackay 21 06 S 149 13 E
P Q Y G B T A

Hayman Island 20 04 S 148 52 E
Port Denison
Bowen 20 01 S 148 15 E

Abbot Point 19 51 S 148 04 E

131A

Y T

Townsville 19 15 S 146 50 E
P Q Y G C R B T A

Great Palm Island
Challenger Bay 18 44 S 146 34 E
Lucinda 18 31 S 146 20 E
Y A

Mourilyan 17 36 S 146 07 E
Y T

Innisfail 17 31 S 146 05 E
Cairns 16 56 S 145 47 E
P Q Y G C B D T A

Port Douglas 16 29 S 145 27 E
Archer Point 15 36 S 145 20 E
Cooktown 15 28 S 145 10 E
Cape Flattery 14 55 S 145 20 E
Y

NEW ZEALAND

131B

NORTH ISLAND

North Cape 35 24 S 173 03 E
Kaipara 36 25 S 174 04 E
Onehunga 36 56 S 174 46 E
Y G C R B T A

Raglan 37 46 S 174 54 E
Taharoa Terminal 38 10 S 174 40 E
Y

Waitara 39 00 S 174 14 E
New Plymouth (Port Taranaki)
39 04 S 174 05 E
P Q Y G C R B T A

Whakaaropai Terminal 39 39 S 173 20 E
Opunake 39 27 S 173 52 E
Patea 39 47 S 174 29 E
Waverley Terminal 39 51 S 174 35 E
Wanganui 39 57 S 175 00 E

131C

Y G C B T A

Port Nicholson 41 19 S 174 51 E
Wellington 41 17 S 174 46 E
P Q Y G C R B T A

Hawke Bay
Napier 39 29 S 176 55 E
P Q Y G C R B T A

Eastland Port (Gisborne) 38 41 S 178 02 E
P Y G C T A

Tokomaru 38 06 S 178 21 E
East Cape 37 41 S 178 33 E
Whakatane 37 57 S 177 00 E
Tauranga Harbour
P Q Y G C R B T A

Mount Maunganui 37 41 S 176 14 E
Tauranga 37 39 S 176 10 E
Thames 37 08 S 175 32 E
Auckland 36 51 S 174 48 E

131D

P Y G C R B D T A

Whangarei Harbour
Y G C B T A

Marsden Point 35 50 S 174 31 E
Portland 35 48 S 174 20 E
Whangarei 35 44 S 174 21 E
Cape Brett 35 10 S 174 19 E
Port Russell 35 15 S 174 07 E
Opua 35 18 S 174 08 E
B A

Whangaroa 35 03 S 173 48 E

SOUTH ISLAND

Wairau 41 30 S 174 03 E
Picton 41 16 S 174 00 E
Y G C R B T A

Nelson 41 16 S 173 19 E

132A

P Q Y G C R B T A

Tarakohe 40 51 S 172 54 E
Cape Farewell 40 30 S 172 41 E
Westport 41 44 S 171 35 E
Q Y G T A

Greymouth 42 26 S 171 13 E
Y G C R B A

Hokitika 42 43 S 170 58 E
Doubtful Sound
Deep Cove 45 17 S 166 51 E
Cape Providence 46 01 S 166 29 E
Invercargill 46 26 S 168 21 E
Bluff Harbour
Bluff 46 37 S 168 22 E
P Q Y G C R B T A

Southport 46 36 S 168 21 E
Tiwai Point 46 36 S 168 23 E
Stewart Island
Oban 46 54 S 168 08 E

132B

Otago Harbour
Ravensbourne 45 52 S 170 32 E
Dunedin 45 53 S 170 31 E
P Q Y G C R B T A

Port Chalmers 45 49 S 170 37 E
Oamaru 45 07 S 170 59 E
Timaru 44 23 S 171 15 E
P Q Y G C R B T A

Akaroa 43 51 S 172 56 E
Lyttelton 43 37 S 172 43 E
P Q Y G C R B D T A

Macquarie Island **(Australia)** p.12/13
54 35 S 158 58 E
Campbell Island 50 32 S 166 14 E
Auckland Islands 50 31 S 166 08 E
Antipodes Islands 49 30 S 178 50 E
Bounty Islands 47 42 S 179 03 E p.48/49
Chatham Islands 44 00 S 176 30 W
Kermadec Islands 29 17 S 177 53 W
Norfolk Island **(Australia)**
P Q Y G A

Cascade Bay 29 01 S 167 59 E

132C

PACIFIC ISLANDS

NEW CALEDONIA (France)
Noumea 22 17 S 166 26 E
P Q Y G C R B T A

Ducos 22 15 S 166 25 E
Ouinne 22 17 S 166 30 E
Boulari 22 17 S 166 32 E
Ngoe 22 20 S 166 42 E
Prony 22 22 S 166 52 E
Port Boise 22 21 S 166 58 E
Goro 22 20 S 167 02 E
Ounia 22 02 S 166 51 E
Thio 21 37 S 166 15 E
Nakety (Nekete) 21 30 S 166 05 E
Canala 21 29 S 165 59 E
Kouaoua 21 23 S 165 50 E
Houailou 21 18 S 165 44 E
Poro 21 18 S 165 43 E

132D

Baie Ugue 21 09 S 165 33 E
Baie de Pam 20 14 S 164 18 E
Poum 20 14 S 164 00 E
Nehoue 20 20 S 164 07 E
Babouillat 20 23 S 164 08 E
Paagoumene 20 30 S 164 11 E
Tangadiou 20 30 S 164 15 E
Karembe 20 38 S 164 19 E
Teoudie 20 44 S 164 25 E
Gomen 20 44 S 164 23 E
Gatope 20 58 S 164 38 E
Vouavoutou 20 58 S 164 39 E
Pouembout 21 09 S 164 53 E
Moueo 21 24 S 164 56 E
Poya 21 23 S 165 05 E
Bourail 21 37 S 165 26 E
Tomo 21 57 S 166 10 E
Tontouta 22 00 S 166 10 E
Paita 22 11 S 166 18 E

VANUATU 133A

Aneityum Island
Port Aneityum 20 15 S 169 45 E
Tanna Island
Lenakel 19 33 S 169 15 E
Erromango Island
Port Narevin 18 45 S 169 12 E
Efate Island
Port Vila 17 45 S 168 18 E

P	Q	G	C	R	B	T	A			

Havannah Harbour 17 35 S 168 14 E
Undine Bay 17 30 S 168 20 E
Metensa Bay
Forari 17 41 S 168 33 E
Malakula Island
Port Sandwich 16 25 S 167 48 E [488
Espiritu Santo Island
Luganville Bay 15 31 S 167 09 E
Santo 15 31 S 167 10 E

P	Q	Y	G	C	R	B	A			

Palikulo Bay 15 29 S 167 14 E 133B

FIJI

Viti Levu Island
Suva 18 08 S 178 25 E

P	Q	Y	G	C	R	B	T	A		

Navua 18 16 S 178 12 E
Navuloa 17 53 S 177 16 E
Nandi (Nadi) Waters 17 41 S 177 15 E
Vuda Point Terminal 17 41 S 177 23 E
Lautoka 17 36 S 177 26 E

P	Q	Y	G	C	R	B	T	A		

Vatia 17 24 S 177 46 E
Ellington 17 20 S 178 13 E
Ovalau Island
Levuka 17 41 S 178 51 E

G	B	T	A							

Vanua Levu Island
Savusavu Bay
Savusavu 16 46 S 179 20 E 133C

P	G	T	A							

Nandi Bay 16 58 S 178 46 E
Labasa (Lambasa) 16 26 S 179 23 E
Malau 16 21 S 179 22 E
Rotuma Island 12 30 S 177 05 E

WALLIS and FUTUNA ISLANDS (France)

Uvea Island
Mua 13 21 S 176 10 W
Port Halalo 13 20 S 176 11 W
Matautu 13 17 S 176 08 W

TONGA

Tongatapu Island
Nukualofa 21 08 S 175 11 W

P	Q	G	B	A						

Nomuka Island 20 15 S 174 45 W
Lifuka Island
Pangai 19 48 S 174 21 W 133D
Vavau Island
Neiafu 18 39 S 173 59 W
Niuafoo Island 15 36 S 175 38 W
Niuatoputapu Island 15 58 S 173 46 W

SAMOA

Savaii Island
Asau 13 30 S 172 38 W
Upolu Island
Apia 13 49 S 171 46 W

P	Y	G	C	R	T	A				

AMERICAN SAMOA (United States of America)

Tutuila Island
Pago Pago 14 17 S 170 40 W

P	G	C	R	B	T	A				

Tau Island 14 15 S 169 27 W

NIUE (New Zealand) 134A

Niue
Alofi 19 03 S 169 55 W

COOK ISLANDS (New Zealand)

Aitutaki Island
Arutunga 18 52 S 159 48 W
Rarotonga Island
Avarua 21 12 S 159 46 W
Avatiu 21 12 S 159 47 W

P	G	C	R	B	T	A				

FRENCH POLYNESIA (France)

Society Islands
Bora Bora
Vaitape 16 30 S 151 45 W
Raiatea Island
Uturoa 16 44 S 151 26 W
Tahiti Island
Papeete 17 32 S 149 35 W 134B

P	Q	G	C	R	B	D	T	A		

Australes (Tubuai) Islands
Tubuai Island
Mataura 23 22 S 149 28 W
Raivavae Island
Rairua 23 52 S 147 41 W
Rapa Island
Ahurei 27 37 S 144 20 W
Tuamotu Archipelago
Mangareva Island
Rikitea 23 07 S 134 58 W
Mururoa 21 50 S 138 55 W
Hao Island 18 15 S 140 55 W
Makatea 15 51 S 148 15 W
Manihi 14 28 S 146 04 W
Takaroa 14 29 S 145 03 W
Marquesas Islands
Nuku-Hiva Island
Taiohae 8 56 S 140 06 W

PITCAIRN ISLANDS (United Kingdom)

Oeno Island 23 56 S 130 44 W 134C
Pitcairn Island 25 04 S 130 06 W
Henderson Island 24 22 S 128 19 W
Ducie Island 24 40 S 124 48 W

TOKELAU (New Zealand)

Atafu Island 8 32 S 172 31 W

TUVALU

Funafuti Island
Funafuti 8 31 S 179 12 E

G	B	A								

Nukufetau Atoll 8 00 S 178 20 E
Nanumea Island 5 40 S 176 07 E

NAURU

Nauru Island 0 31 S 166 56 E

P	Y	G	C	A						

KIRIBATI 134D

Banaba (Ocean Island) 0 53 S 169 32 E
Gilbert Islands
Little Makin Island 3 20 N 172 58 E
Butaritari Island 3 04 N 172 47 E
Abaiang Island 1 49 N 173 01 E
Tarawa Atoll
Betio 1 21 N 172 55 E

P	G	C	B	T	A					

Abemama Island 0 24 N 173 56 E
Nonouti Island 0 40 S 174 28 E
Beru Island 1 21 S 175 59 E
Phoenix Islands
Canton (Kanton) Island 2 47 S 171 40 W
Enderbury Island 3 08 S 171 06 W
Gardner Island (Nikumaroro Atoll)
4 40 S 174 32 W
Line Islands
Teraina (Fanning Island)
3 51 N 159 22 W
Tabuaeran (Washington Island)
4 43 N 160 25 W
Kiritimati (Christmas Island)
1 59 N 157 28 W
Baker Island **(United States of America)**
0 13 N 176 28 W
Palmyra Atoll **(United States of America)**
5 53 N 162 05 W
Kingman Reef **(United States of America)**
6 25 N 162 23 W
Johnston Atoll **(United States of America)**
16 46 N 169 30 W
Wake Island **(United States of America)**
19 18 N 166 38 E
Midway Islands **(United States of America)** 28 13 N 177 21 W

UNITED STATES OF AMERICA

HAWAII (HI)

Tern Island 23 46 N 166 16 W
Kauai Island
Port Allen 21 54 N 159 36 W

P	Q	G	B	A						

Wahiawa Bay 21 54 N 159 35 W
Nawiliwili 21 57 N 159 21 W

P	Q	Y	G	C	R	T	A			

Ahukini Landing 21 59 N 159 20 W 135A
Oahu Island
Honolulu 21 18 N 157 52 W

P	Q	Y	G	C	R	B	D	T	A	

Pearl Harbour 21 20 N 157 58 W
Barbers Point 21 16 N 158 05 W

P	Y	G	C	R	B	D	T	A		

Molokai Island
Kaunakakai Harbour 21 05 N 157 02 W
Kolo Harbour 21 06 N 157 12 W
Lanai Island
Kaumalapau Harbour 20 47 N 157 00 W
Maui Island
Kaanapali 20 56 N 156 42 W
Lahaina 20 52 N 156 41 W
Kahului 20 54 N 156 28 W

P	Q	Y	G	C	R	T	A			

Hana 20 46 N 155 59 W
Hawaii Island
Honoipu 20 15 N 155 53 W
Mahukona 20 11 N 155 54 W
Kawaihae 20 02 N 155 50 W

P	Q	Y	G	C	R	A				

Honuapo 19 05 N 155 33 W
Hilo 19 44 N 155 04 W

P	Q	Y	G	C	R	T	A			

Honokaa 20 06 N 155 28 W

RUSSIA

Khasan 42 28 N 130 48 E p.38/39
Posyeta Bay
Posyet 42 38 N 130 48 E

Y	G									

Zarubino 42 40 N 131 06 E

Y	G	C	T							

Slavyanka 42 55 N 131 28 E
Amurskiy Bay
Pervaya Rechka 43 08 N 131 53 E
Vladivostok 43 07 N 131 53 E 135C

Y	G	C	R	B	T	A				

Ussuriyskiy Bay
Bolshoy Kamen 43 08 N 132 20 E
Podyapolskoye 42 56 N 132 19 E
Livadiya 42 51 N 132 42 E
Nakhodka 42 48 N 132 54 E

P	Q	Y	G	C	R	B	D	T		

Vrangel Bay
Vostochnyy 42 45 N 133 04 E

Q	Y	G	C	R	B	T				

P Petroleum **Q** Other Liquid Bulk **Y** Dry Bulk **G** General Cargo
C Containers **R** Ro-Ro **B** Bunkers **D** Dry Dock **T** Towage
A Airport (within 100km)

RUSSIA *continued* — 136A

Moryak-Rybolov 43 20 N 134 47 E
Olga Bay
  Olga 43 44 N 135 16 E
Rudnaya Pristan 44 20 E 135 51 E
Plastun 44 43 N 136 15 E
Amgu 45 49 N 137 40 E
Svetlaya River 46 32 N 138 20 E
Nelma 47 38 N 139 10 E
Sovetskaya Gavan 49 02 N 140 20 E
Vanino 49 05 N 140 16 E
Y G C R
Sakhalin Island
  Shakhtersk 49 09 N 142 03 E
Y B A
  Uglegorsk 49 04 N 142 01 E
Y G
  Telnovski 49 01 N 142 01 E
  Chinnai 48 35 N 142 05 E
  Krasnogorsk 48 22 N 142 09 E — 136B
  Kushunnai 47 59 N 142 13 E
  Tomari 47 46 N 142 03 E
  Kholmsk 47 03 N 142 03 E
Y G C R T
  Yasnomorskiy 46 45 N 141 54 E
  Nevelsk 46 40 N 141 51 E
Y G B D T
  Gornozavodsk 46 34 N 141 49 E
  Cape Krilon 45 53 N 142 07 E
  Aniva Bay
    Aniva 46 43 N 142 31 E
    Korsakov 46 40 N 142 45 E
    Novikovo 46 23 N 143 19 E
  Cape Aniva 46 02 N 143 25 E
  Makarov 48 38 N 142 47 E
  Terpeniya Bay
    Nairo 49 05 N 143 00 E
    Poronaysk 49 13 N 143 07 E
Y B
    Oleniy 49 27 N 143 17 E — p.14
  Pogranichnoye 50 22 N 143 43 E — 136C
  Nabil Bay
    Katangli 51 42 N 143 14 E
    Nabil 51 42 N 143 18 E
  Nogliki 51 50 N 143 12 E
  Anuchena 51 51 N 143 10 E
  Nivo 51 52 N 143 10 E
  Chayvo 52 22 N 143 10 E
  Vityaz Terminal 52 42 N 143 33 E
  Urkt Bay
    Okha 53 35 N 143 01 E
  Moskalvo 53 35 N 142 30 E
  Khoe 51 17 N 142 10 E
  Tangi 51 14 N 142 10 E
  Aleksandrovsk-Sakhalinskiy 50 53 N 142 07 E
Y G A
  Makarevskiy 50 50 N 142 07 E
  Oktyabrskiy 50 45 N 142 05 E
  Agnevo 50 31 N 142 04 E
  Pilvo 50 03 N 142 10 E
  Ambetsu 49 58 N 142 10 E
  Boshnyakova 49 35 N 142 12 E — 136D
  Lesogorsk 49 27 N 142 08 E
  Kitakaozawa 49 24 N 142 06 E
Siziman 50 43 N 140 25 E
Chikhacheva Gulf
  De Kastri 51 28 N 140 47 E
P Y G
Lazarev 52 14 N 141 31 E
P Y G
Amur River
  Nikolayevsk 53 08 N 140 43 E
  Mago 53 15 N 140 13 E
Y G T
  Nizhnyaya Gavan 52 24 N 140 26 E
  Komsomolsk 50 32 N 136 59 E
  Khabarovsk 48 30 N 135 10 E
  Tongjiang **(China)** 47 30 N 132 20 E
Chumikan 54 43 N 135 18 E
Ayan 56 27 N 138 09 E
Okhotsk 59 21 N 143 10 E

Nagayeva Bay — 137A
  Magadan 59 38 N 150 50 E
Ola 59 32 N 151 20 E
Kamchatka Peninsula
  Ust-Penzhino 62 30 N 165 09 E
  Ust-Khayruzovo 57 05 N 156 50 E
  Krutogorova River 55 02 N 155 36 E
  Kikchik 53 28 N 156 01 E
  Mikoyanovsk 52 34 N 156 18 E
  Ozernovskiy 51 28 N 156 31 E
  Cape Lopatka 50 52 N 156 40 E
Kurile Islands — p.38/39
  Shumshu Island 50 45 N 156 20 E
    Babushkino 50 38 N 156 23 E
  Paramushir Island
    Severo Kurilsk 50 41 N 156 07 E
    Shelikhova Bay 50 23 N 155 35 E
  Onekotan Island
    Nemo Bay 49 44 N 154 42 E
  Shiashkotan Island
    Otome Bay 48 48 N 154 05 E
  Matua Island 48 06 N 153 12 E
  Simushir Island
    Milne Bay 46 53 N 151 52 E — 137B
  Urup Island
    Shukina Bay 45 37 N 149 27 E
  Iturup Island
    Kasatka Bay 44 58 N 147 46 E
    Burevestnik 44 57 N 147 37 E
  Kunashir Island
    Yuzhno Kurilsk 44 03 N 145 48 E
    Donuchaeva Bay 44 30 N 146 11 E
  Shikotan Island
    Shikotan 43 51 N 146 47 E
Kamchatka Peninsula — p.14
  Akhomten Bay 52 27 N 158 30 E
  Avachinskaya Bay
    Petropavlovsk-Kamchatskiy 53 01 N 158 38 E
  Shubertovo 56 02 N 161 57 E
  Usk-Kamchatsk 56 13 N 162 29 E
  Ossora 59 16 N 163 08 E
Korfa Bay
  Korf 60 22 N 166 01 E
Cape Navarin 62 14 N 179 08 E
Beringovskiy 63 08 N 179 30 E
Anadyrskiy Bay
  Anadyr 64 44 N 177 32 E — 137C
Uelkal 65 32 N 179 13 W
Egvekinot 66 20 N 179 02 W
Provideniya Bay
  Provideniya 64 22 N 173 19 W
Cape Uellen 66 09 N 169 43 W
Koliuchin Bay 67 00 N 175 00 W
Cape Shmidta 68 56 N 179 28 W
Cape Shelagskiy 70 06 N 170 25 E
Pevek 69 43 N 170 18 E
Kolyma River
  Pokhodsk 69 06 N 160 55 E
Cape Chukochi 70 06 N 160 10 E
Indigirka River
  Ostenga 70 39 N 148 38 E
Chikhacheva 72 17 N 146 53 E
Cape Borkhaya 71 55 N 132 40 E
Tiksinski 71 37 N 129 01 E
Tiksi 71 40 N 129 00 E
River Lena
  Yakutsk 62 01 N 129 44 E
Khatanga Bay
  River Khatanga
    Khatanga 71 59 N 102 31 E — 137D
Cape Chelyuskina 77 43 N 104 16 E

KARA SEA

Gulf of Yenisei
  Dikson 73 30 N 80 24 E
  Golchikka 71 43 N 83 33 E
  River Yenisei
    Dudinka 69 24 N 86 10 E
    Igarka 67 30 N 86 40 E
Y T A
Gulf of Ob
  River Tambey
    Tambey 71 31 N 71 55 E
  Novyy Port 67 42 N 72 58 E
  River Ob
    Salekhard 66 33 N 66 35 E
Amderma 69 44 N 61 35 E
Vaygach Island
  Varnek 69 45 N 60 01 E

Novaya Zemlya 76 17 N 61 05 E — 138A
Varandey 68 47 N 57 58 E

BARENTS SEA

River Pechora
  Naryan Mar 67 39 N 53 01 E
Y G T
Kolguyev Island
  Bugrino 68 46 N 49 14 E
Kanin Peninsula — p.20/21
  Cape Kanin 68 40 N 43 17 E
Gulf of Mezen
  Mezen 65 51 N 44 15 E
G T
  Kamenka 65 53 N 44 11 E

WHITE SEA

Lapominka Island 64 46 N 40 30 E
Ekonomiya 64 42 N 40 31 E
Solombola 64 35 N 40 31 E — 138B
Archangel (Arkhangelsk) 64 32 N 40 30 E
P Q Y G C B D T A
Bakaritsa 64 30 N 40 36 E
Severodvinsk (Molotovsk) 64 35 N 39 47 E
Onega 63 55 N 38 06 E
Y G T
Belomorsk 64 32 N 34 48 E
Nadvoitsy 63 56 N 34 20 E
Shuya 64 44 N 34 42 E
Kem 65 00 N 34 47 E
Pongoma 65 21 N 34 25 E
Keret 66 18 N 33 34 E
Kovda 66 41 N 32 52 E
Vitino 66 54 N 32 20 E
P Q B T
Kandalaksha 67 08 N 32 26 E
Y G
Umba 66 40 N 34 18 E
Cape Orlov-Terskiy 67 12 N 41 20 E — 138C

BARENTS SEA

Iokanka (Iokanski) Bay
  Iokanka River
    Iokanka 68 03 N 39 31 E
Kola Inlet
  Vayenga Bay
    Severomorsk 69 05 N 33 27 E
  Murmansk 68 58 N 33 05 E
P Y G C R B D T
  Rosta 69 00 N 33 05 E
  Kola 68 53 N 33 02 E
  Saida Bay 69 15 N 33 15 E
  Polyarnyy 69 13 N 33 26 E
Port Vladimir 69 25 N 33 09 E
Trifona 69 36 N 31 16 E
Pechenga 69 33 N 31 10 E
Linakhamari 69 39 N 31 22 E

138D

NORWAY

Svalbard — p.14
  Bear Island (Bjornoya)
    Austervag 74 30 N 19 12 E
  Barents Island
    Cape Bessels 78 35 N 21 50 E
  Spitsbergen
    Sveagruva 77 50 N 16 51 E
    Braganza Bay 77 55 N 16 59 E
    Gronfjord
      Barentsburg 78 05 N 14 13 E
    Coles Bay
      Grumantbyen 78 10 N 15 10 E
    Advent Bay
      Longyearbyen 78 15 N 15 35 E
    Templefjord 78 23 N 16 50 E
    Kongsfjord
      Ny Alesund 78 55 N 11 56 E
    Magdalenefjord 79 34 N 11 00 E
    Smeerenburgfjord 79 44 N 11 01 E
Jan Mayen Island
  Cape Fishburn 71 00 N 8 10 W

GREENLAND (Denmark) 139A

Danmarkshavn 76 46 N 18 45 W
Daneborg 74 18 N 20 15 W
Zackenberg 74 28 N 20 38 W
Ella Island 72 52 N 24 55 W
Mesters Vig 72 09 N 23 45 W
Nerlerit Innat 70 44 N 22 38 W
Ittoqqortoormiit (Scoresby Sound)
Uunarteq (Kap Tobin) 70 30 N 21 50 W
Cape Brewster 70 09 N 22 03 W
Aputiteq 67 48 N 32 13 W
Kuummiut 65 52 N 37 00 W
Kulusuk (Kullorsuaq) 65 32 N 37 15 W
Ammassalik (Tasiilaq) Island
Ammassalik (Tasiilaq) 65 35 N 37 30 W

G	B	A								

Ikkatseq 65 38 N 37 57 W
Umivik 64 15 N 40 50 W
Skjoldungen 63 14 N 41 27 W
Qutdleq 62 31 N 42 13 W
Tingmiarmiut Fjord 62 30 N 42 12 W
Ikerasassuaq (Prins Christians Sound) 139B
Natsek Cove 60 03 N 43 07 W
Cape Farewell 59 46 N 43 54 W
Aappilattoq 60 10 N 44 17 W
Narsaq Kujalleq (Frederiksdal)
60 00 N 44 40 W
Nanortalik 60 08 N 45 15 W

P	G	C	B	A						

Kirkespirdalen 60 19 N 44 56 W
Alluitsup Paa (Sydproven) 60 28 N 45 34 W
Qaqortoq (Julianehaab) 60 43 N 46 02 W

G	C	B	A							

Narsarsuaq 61 09 N 45 26 W

P	G	A								

Narsaq 60 54 N 45 59 W

P	G	C	B	A						

Ivittuut 61 12 N 48 10 W
Kangilinnguit (Gronnedal) 61 12 N 48 06 W

G	B	A								

Paamiut (Frederikshaab) 62 00 N 49 40 W 139C

P	G	C	B	A						

Fiskenaesset 63 05 N 50 41 W
Kangerluarsoruseq (Faeringehavn)
63 42 N 51 33 W

P	G	B	A							

Nuuk (Godthaab) 64 10 N 51 44 W

P	Q	G	C	B	A					

Tovqussaq 64 52 N 52 12 W
Maniitsoq (Sukkertoppen) 65 25 N 52 54 W

G	C	B	A							

Kangaamiut 65 49 N 53 18 W
Sondre Stromfjord
Kangerlussuaq 66 58 N 50 57 W

P	G	B	A							

Sisimiut (Holsteinsborg) 66 57 N 53 41 W

P	Y	G	C	B	A					

Nordre Stromfjord 67 45 N 52 20 W
Aasiaat (Egedesminde) 68 43 N 52 53 W 139D

G	C	B	A							

Qasigiannguit (Christianshaab)
68 49 N 51 11 W

P	G	C	A							

Ilulissat (Jakobshavn) 69 13 N 51 06 W

G	C	B	A							

Disko Island
Qeqertarsuaq (Godhavn)
69 15 N 53 33 W

G	B	A								

Qutdligssat 70 04 N 52 50 W 140A
Uummannaq (Umanak) 70 41 N 52 08 W

G	A									

Marmorilik 71 08 N 51 17 W
Upernavik 72 47 N 56 09 W

P	G	A								

Tasiusaq 73 22 N 56 04 W
Savissivik 76 02 N 64 51 W
North Star Bay
Pituffik 76 33 N 68 52 W

P	G	A								

Uummannaq (Dundas) 76 33 N 68 49 W
Qaanaaq (Thule) 77 28 N 69 13 W

G	A									

Siorapaluk 77 47 N 70 42 W

CANADA

QUEBEC

Ungava Bay p.50/51
Port Burwell 60 25 N 64 51 W 140B
Port Nouveau Quebec 58 41 N 65 56 W
Fort Chimo 58 09 N 68 18 W
Hudson Strait
Diana Bay 60 55 N 70 00 W
Douglas Harbour 61 55 N 72 37 W
Deception Bay 62 14 N 74 45 W
Hudson Bay
Great Whale River 55 18 N 77 45 W

ONTARIO

James Bay
Moosonee 51 16 N 80 39 W
Winisk 55 17 N 85 14 W

MANITOBA

York Factory 57 00 N 92 16 W
Port Nelson 57 00 N 92 56 W
Churchill 58 47 N 94 13 W

P	Y	G	B	T	A					

NORTH WEST TERRITORIES 140C

Rankin Inlet 62 49 N 92 05 W
Chesterfield Anchorage 63 20 N 90 41 W
Chesterfield Inlet
Baker Lake 64 18 N 96 06 W
Roes Welcome Sound
Cape Fullerton 63 59 N 88 44 W
Southampton Island
Coral Harbour 64 07 N 83 05 W
Seahorse Point 63 47 N 80 09 W
Foxe Basin
Prince Charles Island 67 12 N 76 41 W
Baffin Island
Cape Dorset 64 10 N 76 29 W
Resolution Island 61 30 N 65 00 W
Iqaluit (Frobisher) 63 45 N 68 32 W
Cumberland Sound
Pangnirtung 66 13 N 65 45 W
Cape Mercy 64 53 N 63 32 W 140D
Padloping Island 67 00 N 62 50 W
Admiralty Inlet p.14
Strathcona Sound
Nanisivik 73 04 N 84 33 W

Y	G	A								

Devon Island 75 00 N 85 00 W
Cornwallis Island
Resolute 74 41 N 94 52 W
Little Cornwallis Island 75 23 N 96 57 W
Bathurst Island 76 00 N 100 00 W
Melville Island
Winter Harbour 74 47 N 110 48 W
Wise Bay 70 06 N 124 45 W p.50/51
McKinley Bay 69 57 N 131 27 W
Tuktoyaktuk 69 26 N 133 03 W

P	G	C	B	T	A					

U.S.A. 141A

ALASKA (AK)

Kattovik 70 08 N 143 50 W
Prudhoe Bay 70 20 N 148 20 W
Point Barrow 71 17 N 156 40 W
Barrow 71 19 N 156 43 W
Wainwright 70 39 N 160 10 W
Point Lay 69 47 N 162 51 W
Cape Lisburne 68 52 N 166 09 W
Kivalina 67 45 N 164 40 W
Nome 64 31 N 165 25 W

P	Y	G	C	B	T	A				

St. Lawrence Island
Gambell 63 46 N 171 43 W
Bethel 60 48 N 161 30 W
Bristol Bay
Togiak 59 05 N 160 30 W
Clarks Point 58 50 N 158 33 W
Naknek 58 44 N 157 02 W
Port Heiden 56 57 N 158 50 W
Amak Island 141B
Amak Bight 55 25 N 163 00 W
Aleutian Islands p.14
Unimak Island
Cape Lazaref 54 37 N 163 36 W
West Anchor Cove 54 41 N 163 09 W
Akun Island
Lost Harbour 54 13 N 165 39 W
Akutan Island
Akutan 54 08 N 165 45 W
Unalaska Island
Iliuliuk Harbour 53 53 N 166 32 W
Dutch Harbour 53 54 N 166 32 W

P	G	C	R	B	T	A				

Anderson Bay 53 41 N 166 51 W
Chernofski Harbour 53 24 N 167 31 W
Umnak Island
Cape Tanak 53 35 N 168 00 W
Atka Island
Nazan Bay 52 09 N 174 07 W
Atka 52 12 N 174 12 W
Great Sitkin Island
Sand Bay 51 59 N 176 06 W 141C
Yoke Bay 52 01 N 176 02 W
Adak Island
Adak 51 51 N 176 39 W
Kuluk Bay 51 52 N 176 35 W
Chapel Roads 51 37 N 176 48 W
Shagak Bay 51 52 N 176 45 W
Tanaga Island
Tanaga Bay 51 45 N 178 05 W
Amchitka Island
Constantine Harbour
51 24 N 179 16 E
Kiska Island
Kiska Harbour 51 59 N 177 34 E
Gertrude Cove 51 56 N 177 27 E
Shemya Island 52 43 N 174 06 E
Attu Island
Massacre Bay 52 49 N 173 18 E
Chichagof Harbour 52 56 N 173 15 E
Cold Bay p.50/51
Lenard Harbour 55 07 N 162 31 W
King Cove 55 02 N 162 19 W
Balboa Bay 55 35 N 160 35 W
Chignik 56 18 N 158 24 W
Puale Bay 57 44 N 155 32 W 141D
Kodiak Island
Kodiak 57 47 N 152 24 W

P	G	C	R	B	T	A				

Womens Bay
St. Paul Harbour 57 44 N 152 26 W
Afognak Island
Afognak 58 00 N 152 50 W
Cook Inlet
Drift River Terminal 60 33 N 152 08 W
West Foreland 60 43 N 151 44 W
Tyonek 61 04 N 151 09 W
Susitna 61 28 N 150 30 W
Anchorage 61 13 N 149 53 W

P	Y	G	C	R	B	T	A			

Nikishka 60 44 N 151 18 W
East Foreland 60 43 N 151 25 W

P Petroleum **Q** Other Liquid Bulk **Y** Dry Bulk **G** General Cargo
C Containers **R** Ro-Ro **B** Bunkers **D** Dry Dock **T** Towage
A Airport (within 100km)

U.S.A. *continued* — 142A

Nikiski 60 41 N 151 23 W
P Q Y B A

Kenai 60 33 N 151 16 W
Homer 59 38 N 151 30 W
Y B T A

Jakolof Bay 59 27 N 151 40 W
Seldovia 59 26 N 151 43 W
Seward 60 07 N 149 26 W
P Y G C B D T A

Prince William Sound
Whittier 60 47 N 148 40 W
P G R B T

Valdez 61 08 N 146 21 W
P Y G C R B T A

Orca 60 35 N 145 43 W
Cordova 60 33 N 145 46 W
G C R B A

Yakutat 59 33 N 139 45 W p.52
Cape Spencer 58 13 N 136 40 W — 142B
Glacier Bay 58 30 N 136 00 W
Pleasant Island 58 23 N 135 45 W
Excursion Inlet 58 26 N 135 28 W
Haines 59 14 N 135 27 W
P Y G R T A

Bartlett Cove 58 28 N 135 49 W
Skagway 59 27 N 135 19 W
P Y G C R B T A

Juneau 58 18 N 134 25 W
G R A

Admiralty Island
Hawk Inlet 58 06 N 134 44 W
Tyee 57 03 N 134 33 W
Chichagof Island
Hoonah 58 07 N 135 26 W
Chichagof 57 40 N 136 06 W
Chatham 57 31 N 134 57 W — 142C
Baranof Island
Sitka 57 03 N 135 20 W
P Q Y G C B A

Silver Bay 57 02 N 135 14 W
Port Conclusion 56 16 N 134 39 W
Kupreanof Island
Kake 56 55 N 133 52 W
Castle Island 56 39 N 133 10 W
Y A

Mitkof Island
Petersburg 56 49 N 132 57 W
Wrangell Island
Wrangell 56 28 N 132 22 W
G R T A

Prince of Wales Island
Dora Bay 55 14 N 132 13 W
Kasaan 55 32 N 132 24 W
Klawock 55 33 N 133 06 W
G T A

Craig 55 28 N 133 09 W — 142D
Hydaburg 55 12 N 132 49 W
Long Island 54 51 N 132 41 W
Dall Island
Waterfall Bay 55 16 N 133 16 W
Ward Cove 55 25 N 131 44 W
Ketchikan 55 21 N 131 39 W
Y G C R D T A

Annette Island
Metlakatla 55 08 N 131 34 W

CANADA

BRITISH COLUMBIA

Stewart 55 55 N 130 00 W
Y G B A

Anyox 55 25 N 129 48 W
Port Simpson 54 35 N 130 28 W

Prince Rupert 54 19 N 130 22 W — 143A
P Q Y G R B T A

Porpoise Harbour
Watson Island 54 14 N 130 17 W
Port Edward 54 14 N 130 18 W
Queen Charlotte Islands
Graham Island
Masset 54 00 N 132 09 W
Moresby Island
Harriet Harbour
Jedway 52 18 N 131 13 W
Tasu Bay 52 46 N 132 03 W
Kitimat 54 00 N 128 42 W
Q Y G C R B T A

Ocean Falls 52 21 N 127 42 W
Bella Coola 52 23 N 126 46 W
Vancouver Island
Port Hardy 50 43 N 127 29 W
P G B A

Quatsino Sound
Rupert Inlet 50 33 N 127 34 W — 143B
Port Alice 50 23 N 127 27 W
P Y G B T A

Zeballos 49 59 N 126 51 W
Nootka 49 35 N 126 37 W
Tahsis 49 55 N 126 40 W
Gold River 49 41 N 126 07 W
G B T

Estevan Point 49 23 N 126 32 W
Tofino 49 08 N 125 54 W
Ucluelet 48 56 N 125 32 W
Toquart Bay
Lake Kennedy 49 02 N 125 20 W
Port Alberni 49 14 N 125 00 W
Y G C T A

William Head 48 20 N 123 32 W
Esquimalt 48 26 N 123 26 W
G B D T A

Victoria 48 25 N 123 23 W
G B D T A

James Island 48 36 N 123 21 W — 143C
Sidney 48 39 N 123 24 W
Senanus Island 48 35 N 123 29 W
Bamberton 48 35 N 123 31 W
Plumper Sound 48 46 N 123 12 W
Hatch Point 48 41 N 123 32 W
Cowichan Bay 48 45 N 123 36 W
Y B A

Crofton 48 52 N 123 38 W
Y T A

Chemainus 48 55 N 123 42 W
Y A

Ladysmith 48 59 N 123 47 W
Harmac 49 08 N 123 51 W
Duke Point 49 10 N 123 54 W
Nanaimo 49 10 N 123 56 W
P G C R B T A

Nanoose 49 15 N 124 09 W — 143D
Texada Island 49 42 N 124 33 W
Union Bay 49 35 N 124 52 W
Comox 49 40 N 124 55 W
Campbell River 50 02 N 125 14 W
Duncan Bay 50 05 N 125 17 W
Y G A

Menzies Bay 50 07 N 125 22 W
Beaver Cove 50 32 N 126 51 W
Englewood 50 32 N 126 52 W
River Nimpkish 50 34 N 126 58 W
Port McNeill 50 36 N 127 05 W
Powell River 49 52 N 124 33 W
P Q G B T A

Westview 49 50 N 124 32 W
Sechelt 49 28 N 123 45 W
Port Mellon 49 31 N 123 29 W
Y G T A

Woodfibre 49 40 N 123 15 W
G

Squamish 49 41 N 123 10 W — 144A
Y G B T A

Britannia Beach 49 37 N 123 12 W
Dollarton 49 18 N 122 57 W
Ioco 49 18 N 122 53 W
Port Moody 49 17 N 122 51 W
Shellburn 49 17 N 122 56 W
Vancouver 49 17 N 123 07 W
P Q Y G C R B D T A

Fraser River
Fraser River Port (New Westminster)
49 12 N 122 55 W
Q Y G C R B T A

Port Mann 49 11 N 122 50 W
Ladner 49 05 N 123 05 W
Roberts Bank 49 01 N 123 08 W

U.S.A.

WASHINGTON (WA)

Blaine 49 00 N 122 50 W — 144B
Cherry Point 48 52 N 122 45 W
Ferndale 48 50 N 122 43 W
P B T A

Bellingham 48 45 N 122 30 W
P Y G R B T A

Vendovi Island 48 37 N 122 37 W
San Juan Island
Friday Harbour 48 32 N 123 00 W
March Point 48 30 N 122 34 W
Anacortes 48 31 N 122 37 W
P Y G B D T A

Holmes Harbour 48 05 N 122 34 W
Everett 47 59 N 122 13 W
Y G C R B T A

Mukilteo 47 57 N 122 18 W
Puget Sound
Edmonds 47 49 N 122 22 W
Point Wells 47 47 N 122 24 W
Seattle 47 38 N 122 20 W — 144C
P Y G C R B D T A

Tacoma 47 15 N 122 25 W
P Q Y G C R B T A

Olympia 47 03 N 122 54 W
Y G C R B A

Manchester 47 33 N 122 32 W
Port Orchard 47 32 N 122 38 W
Bremerton 47 34 N 122 37 W
Port Blakely 47 36 N 122 31 W
Eagle Harbour 47 37 N 122 30 W
Winslow 47 37 N 122 31 W
Port Madison 47 42 N 122 34 W
Port Gamble 47 52 N 122 35 W
Bangor Wharf 47 45 N 122 43 W
Port Ludlow 47 55 N 122 41 W
Port Hadlock 48 02 N 122 45 W
Indian Island 48 03 N 122 43 W \52\
Port Townsend 48 07 N 122 45 W
P G B A

Port Angeles 48 08 N 123 25 W — 144D
Y G B T A

Crescent Bay 48 10 N 123 43 W
Clallam Bay 48 16 N 124 16 W
Neah Bay 48 23 N 124 36 W
Cape Flattery 48 23 N 124 43 W
Tatoosh Island 48 23 N 124 44 W
Grays Harbour 46 56 N 123 51 W
G C R B T A

Hoquiam 46 58 N 123 54 W
Aberdeen 46 58 N 123 51 W
Westport 46 53 N 124 06 W
Willapa River
South Bend 46 40 N 123 48 W
Raymond 46 41 N 123 44 W
Willapa Harbour 46 44 N 124 04 W
Cape Disappointment 46 17 N 124 03 W
Columbia River
Knappton 46 17 N 123 49 W

Longview 46 08 N 122 56 W

Y	G	C	R	T	A					

Kelso 46 09 N 122 55 W
Kalama 46 01 N 122 50 W

Y	G	A								

Vancouver 45 38 N 122 40 W

P	Q	Y	G	C	R	B	T	A		

145A

OREGON (OR)

Willamette River
Portland 45 34 N 122 44 W

P	Q	Y	G	C	R	B	D	T	A	

Willbridge 45 34 N 122 45 W
Linnton 45 36 N 122 47 W
St. Helens 45 52 N 122 48 W
Prescott 46 03 N 122 53 W
Rainier 46 05 N 122 56 W
Wesport Range 46 08 N 123 24 W
Wauna Range 46 09 N 123 25 W
Bradwood 46 12 N 123 27 W
Astoria 46 11 N 123 50 W

Y	G	C	R	T	A					

Warrenton 46 10 N 123 55 W

145B

Yaquina Bay p.50/51
Newport 44 38 N 124 03 W

G	C	R	B	T	A					

Umpqua River
Gardiner 43 44 N 124 07 W
Reedsport 43 42 N 124 06 W
Coos River
Empire 43 24 N 124 16 W
North Bend 43 24 N 124 13 W
Coos Bay 43 23 N 124 12 W

P	Y	G	B	T	A					

Bandon 43 07 N 124 25 W
Cape Blanco 42 50 N 124 34 W
Port Orford 42 45 N 124 30 W
Brookings 42 02 N 124 17 W

CALIFORNIA (CA)

145C

Crescent City 41 45 N 124 12 W
Humboldt Bay

P	Y	G	B	T	A					

Fairhaven 40 47 N 124 12 W
Samoa 40 49 N 124 11 W
Eureka 40 48 N 124 10 W
Cape Mendocino 40 26 N 124 25 W
Westport 39 38 N 123 47 W
Fort Bragg 39 26 N 123 49 W
Noyo 39 26 N 123 49 W
Bodega Harbour 38 20 N 123 03 W p.53
Point Reyes 38 00 N 123 02 W
Golden Gate
Sausalito 37 51 N 122 29 W
San Pablo Bay
Mare Island 38 04 N 122 15 W
Vallejo 38 06 N 122 15 W
Benicia 38 02 N 122 09 W

Q	Y	G	C	R	A					

Sacramento River
Sacramento 38 32 N 121 30 W

145D

Y	G	C	B	T	A					

San Joaquin River
Stockton 37 57 N 121 19 W

P	Q	Y	G	C	B	T	A			

Suisun Bay
Antioch 38 01 N 121 49 W
Pittsburg 38 01 N 121 52 W
Port Chicago 38 03 N 122 01 W
Concord 37 59 N 122 02 W
Avon 38 03 N 122 05 W
Martinez 38 01 N 122 08 W
Port Costa 38 03 N 122 11 W
Crockett 38 04 N 122 14 W
Selby 38 03 N 122 15 W
Rodeo 38 02 N 122 15 W
Oleum 38 03 N 122 16 W
Point Orient 37 57 N 122 26 W
Molate Point 37 57 N 122 25 W

Richmond 37 55 N 122 23 W

P	Q	Y	G	C	R	B	D	T	A	

146A

Berkeley 37 52 N 122 19 W
San Francisco Bay
Oakland 37 48 N 122 17 W

G	C	R	B	T	A					

Alameda 37 46 N 122 19 W
Redwood City 37 30 N 122 13 W

P	Q	Y	G	A						

San Francisco 37 48 N 122 25 W

Q	Y	G	C	R	B	D	T	A		

Davenport 37 01 N 122 12 W
Santa Cruz 36 57 N 122 02 W
Moss Landing 36 48 N 121 47 W
Seaside 36 36 N 121 52 W
Monterey 36 36 N 121 53 W
Estero Bay 35 24 N 120 53 W
Morro Bay 35 22 N 120 51 W
San Luis Obispo Bay
Port San Luis 35 10 N 120 45 W
Avila 35 10 N 120 44 W

146B

Port Petrol 34 51 N 120 37 W
Point Conception 34 27 N 120 28 W
Gaviota 34 28 N 120 14 W
Capitan 34 28 N 120 02 W
Elwood 34 26 N 119 53 W
Santa Barbara 34 24 N 119 41 W
Carpinteria 34 26 N 119 37 W
Ventura 34 16 N 119 18 W
Port Hueneme 34 09 N 119 13 W

P	Y	G	C	R	B	T	A			

Santa Monica 34 01 N 118 30 W
Marina del Rey 33 58 N 118 26 W
El Segundo Terminal 33 54 N 118 27 W

P	A									

Redondo Beach 33 51 N 118 24 W
Los Angeles 33 43 N 118 16 W

P	Q	Y	G	C	R	B	D	T	A	

San Pedro 33 43 N 118 15 W
Wilmington 33 46 N 118 16 W
Terminal Island 33 45 N 118 15 W
Long Beach 33 45 N 118 13 W

146C

P	Q	Y	G	C	R	B	T	A		

Seal Beach 33 44 N 118 06 W
Huntington Beach Terminal
33 40 N 118 00 W
San Clemente 33 26 N 117 36 W
Santa Catalina Island
Two Harbors 33 26 N 118 30 W
Oceanside 33 12 N 117 23 W
San Diego 32 43 N 117 14 W

Q	Y	G	C	R	B	T	A			

MEXICO

Rosarito Terminal 32 21 N 117 05 W

P	Q									

El Sauzal 31 53 N 116 41 W
Bahia de Todos Santos
Ensenada 31 51 N 116 38 W

P	Y	G	C	T	A					

146D

Black Warrior Lagoon p.59
Venustiano Carranza 28 02 N 114 07 W
Cedros Island
Morro Redondo 28 03 N 115 11 W

Y	T	A								

San Carlos 24 47 N 112 07 W

G	A									

Puerto Magdalena 24 38 N 112 09 W
Cabo San Lucas 22 50 N 109 55 W
San Jose del Cabo 23 03 N 109 40 W
Los Barriles 23 41 N 109 41 W
Punta Prieta 24 13 N 110 18 W
Pichilingue 24 18 N 110 18 W
La Paz 24 10 N 110 19 W

P	G	B	A							

San Juan de la Costa 24 23 N 110 42 W

Y										

147A

Loreto 26 01 N 111 21 W
Mulege 26 53 N 111 57 W
San Marcos Island 27 11 N 112 06 W

Y										

Santa Rosalia 27 20 N 112 16 W

G	B	A								

Port Isabel 31 48 N 114 43 W
Golfo Santa Clara 31 41 N 114 29 W
Puerto Penasco 31 18 N 113 32 W
Puerto Libertad 29 54 N 112 41 W
Bahia Kino 28 49 N 111 56 W
San Carlos 27 57 N 111 02 W
Guaymas 27 54 N 110 52 W

P	Y	G	C	R	B	T	A			

Yavaros 26 42 N 109 31 W
Navojoa 27 06 N 109 26 W
Topolobampo 25 35 N 109 03 W

P	Y	G	C	R	B	T	A			

Altata 24 38 N 107 55 W
Mazatlan 23 11 N 106 26 W

147B

P	Y	G	C	R	B	T	A			

San Blas 21 32 N 105 19 W
La Cruz de Huanacaxtle 20 45 N 105 24 W
Nuevo Vallarta 20 43 N 105 20 W
Puerto Vallarta 20 37 N 105 16 W

G	R	A								

Cape Corrientes 20 24 N 105 43 W
Barra de Navidad 19 11 N 104 41 W
Manzanillo 19 03 N 104 20 W

P	Q	Y	G	C	B	D	T	A		

Lazaro Cardenas 17 55 N 102 11 W

P	Q	Y	G	C	B	T	A			

Ixtapa 17 39 N 101 38 W
Zihuatanejo 17 39 N 101 33 W
Acapulco 16 50 N 99 55 W

P	G	C	B	A						

Escondido 15 50 W 97 05 W
Huatulco 15 45 N 96 08 W
Puerto Angel 15 39 N 96 31 W
Salina Cruz 16 10 N 95 11 W

147C

P	Q	Y	G	C	B	D	T	A		

Ventosa Bay 16 10 N 95 10 W
Puerto Chiapas (Puerto Madero)
14 42 N 92 27 W

P	Y	G	C	T	A					

GUATEMALA

Ocos 14 30 N 92 12 W
Champerico 14 18 N 91 56 W
San Jose 13 55 N 90 50 W
Puerto Quetzal 13 55 N 90 47 W

Q	Y	G	C	R	B	T	A			

EL SALVADOR

Acajutla 13 36 N 89 50 W

147D

P	Q	Y	G	C	R	B	T			

La Libertad 13 29 N 89 19 W p.60/61
La Union 13 20 N 87 50 W
Cutuco 13 19 N 87 49 W

P	Q	Y	G							

HONDURAS

Amapala 13 18 N 87 39 W
Bahia San Lorenzo
San Lorenzo 13 25 N 87 27 W

P	Q	Y	G	C	R	T				

Henecan 13 24 N 87 25 W
Salamar 13 24 N 87 26 W

P Petroleum **Q** Other Liquid Bulk **Y** Dry Bulk **G** General Cargo
C Containers **R** Ro-Ro **B** Bunkers **D** Dry Dock **T** Towage
A Airport (within 100km)

NICARAGUA 148A

Corinto 12 28 N 87 11 W
P Y Q G C R B T
Puerto Sandino 12 11 N 86 47 W
P Y G A
Masachapa 11 46 N 86 32 W
San Juan del Sur 11 15 N 85 53 W
G B

COSTA RICA

Golfo de Nicoya
Punta Morales 10 00 N 84 58 W
Puntarenas 9 59 N 84 51 W
P G B A
Caldera 9 54 N 84 44 W
P Y G C R T A
Isla Herradura 9 38 N 84 41 W 148B
Quepos 9 24 N 84 10 W
Punta Dominical 9 15 N 83 51 W
Golfo Dulce
Bahia del Rincon 8 43 N 83 29 W
Golfito 8 38 N 83 11 W
P G A
Cocos Island
Wafer Bay 5 33 N 87 03 W

PANAMA

Armuelles 8 16 N 82 52 W
G A
Charco Azul 8 13 N 82 52 W
P B
Pedregal 8 21 N 82 26 W
Y B A
Parida Island 8 06 N 82 22 W
Coiba Island 7 19 N 81 35 W 148C
Parita Bay
Aguadulce 8 14 N 80 30 W
Y A
Vacamonte 8 53 N 79 41 W
G B
Panama Canal *(see Col. 166C)* p.68
Panama City 8 59 N 79 32 W
Taboguilla Island 8 49 N 79 31 W p.60/61
Taboga Island
Taboga 8 47 N 79 33 W
La Palma 8 24 N 78 08 W
Darien 8 22 N 78 03 W

COLOMBIA

Bahia Solano 6 14 N 77 25 W p.62/63
Cape Corrientes 5 29 N 77 32 W
Togoroma 4 22 N 77 23 W
Punta Charambira 4 17 N 77 29 W
Buenaventura 3 54 N 77 05 W
Y G C B T A
El Charco 3 27 N 77 19 W 148D
Timbiqui 2 43 N 77 45 W
Guapi 2 34 N 77 54 W
Iscuande 2 33 N 78 02 W
Mosquera 2 29 N 78 26 W
Satinga 2 21 N 78 15 W
Salahonda 2 02 N 78 38 W
Pizarro 2 02 N 78 37 W
Tumaco 1 51 N 78 44 W
P G C B T A

ECUADOR

San Lorenzo 1 14 N 78 50 W
La Tola 1 11 N 79 03 W
Rio Verde 1 01 N 79 32 W
Balao Terminal 1 02 N 79 44 W
P B T A
Tepre Terminal 1 01 N 79 40 W 149A
P B T A
Esmeraldas 0 58 N 79 41 W
P Y G C R B T A
Atacames 0 53 N 79 52 W
Muisne 0 35 N 79 58 W
Galapagos Islands p.12/13
Caleta Tagus 0 16 S 91 22 W
Bahia de Caraquez 0 40 S 80 30 W p.62/63
Manta 0 56 S 80 43 W
Y G C R B T A
Machalilla 1 28 S 80 46 W
La Libertad 2 13 S 80 55 W
P B T
Salinas 2 10 S 80 57 W
Guayaquil 2 17 S 79 55 W
P Q Y G C B D T A
Duran 2 12 S 79 54 W
Puna Island 149B
Puna 2 45 S 79 54 W
Puerto Bolivar 3 16 S 80 01 W
G C T A

PERU

Zorritos 3 40 S 80 39 W
Mancora 4 05 S 81 05 W
Los Organos 4 10 S 81 08 W
Cabo Blanco 4 16 S 81 15 W
Punta Lobitos 4 27 S 81 16 W
Y T
Talara 4 34 S 81 17 W
P Y G B T A
Negritos 4 39 S 81 19 W
Paita 5 05 S 81 07 W
P Y G C T A
Puerto Bayovar 5 47 S 81 03 W
P T
Lobos de Tierra Island 6 28 S 80 50 W 149C
Pimentel 6 49 S 79 56 W
Eten 6 56 S 79 52 W
Pacasmayo 7 24 S 79 36 W
Chicama 7 42 S 79 25 W
Huanchaco 8 02 S 79 10 W
Trujillo 8 08 S 79 05 W
Salaverry 8 14 S 79 00 W
P Q Y G C T A
Guanape Islands 8 35 S 78 56 W
Coisco 9 01 S 78 37 W
Chimbote 9 05 S 78 38 W
P Y G C D T A
Samanco Bay
Vesique 9 13 S 78 29 W
Casma 9 28 S 78 23 W
Huarmey 10 05 S 78 09 W
Paramonga 10 42 S 77 50 W
Supe 10 50 S 77 44 W
G
Huacho 11 08 S 77 37 W 149D
Mazorca Island 11 24 S 77 44 W
Chancay 11 36 S 77 17 W
Ancon 11 47 S 77 11 W
Pescadores Islands 11 47 S 77 15 W
La Pampilla 11 56 S 77 11 W
P
Oquendo 11 58 S 77 07 W
Callao 12 03 S 77 09 W
P Y G C R B D T A
Conchan 12 15 S 76 56 W
P Y T
Mala 12 44 S 76 39 W
Cerro Azul 13 03 S 76 31 W
Tambo de Mora 13 29 S 76 12 W
Chincha Islands 13 42 S 76 32 W
Pisco 13 43 S 76 15 W
General San Martin 13 50 S 76 16 W 150A
Y G C T A
San Nicolas 15 14 S 75 14 W
P Y G B T A
San Juan 15 21 S 75 11 W
Acari 15 25 S 74 37 W
Lomas 15 33 S 74 51 W
Chala 15 51 S 74 15 W
Atico 16 13 S 73 43 W
Matarani 16 59 S 72 07 W
P Q Y G C R B T
Mollendo 17 01 S 72 02 W
P B T
Ilo 17 38 S 71 21 W
P Y G C R B T A

CHILE

Arica 18 29 S 70 20 W 150B
P Y G C A
Pisagua 19 33 S 70 14 W
Junin 19 36 S 70 14 W
Iquique 20 12 S 70 10 W
P Q Y G C B T A
Caleta Toyos 20 28 S 70 12 W
Caleta Patillos 20 45 S 70 12 W
Y A
Caleta Patache 20 48 S 70 12 W
Pabellon de Pica 20 58 S 70 10 W
Lobos 21 05 S 70 13 W
Guanillo 21 18 S 70 09 W
Tocopilla 22 05 S 70 14 W
P Y G T
Gatico 22 30 S 70 16 W
Caleta Michilla 22 44 S 70 16 W
Mejillones 23 06 S 70 28 W
Y A
Antofagasta 23 38 S 70 26 W 150C
P Q Y G C R B T A
Caleta Coloso 23 45 S 70 28 W
Taltal 25 24 S 70 29 W
Chanaral 26 21 S 70 38 W
P Y G C T A
Caleta Barquito 26 21 S 70 39 W
Caldera 27 04 S 70 53 W
P Y G T A
Calderilla 27 05 S 70 52 W
Easter Island (Isle de Pascua) p.48/49
Vinapu Terminal 27 11 S 109 24 W
Hanga Roa 27 09 S 109 25 W
Carrizal Bajo 28 04 S 71 11 W p.62/63
Huasco 28 27 S 71 14 W
P Q Y B T A
Cruz Grande 29 27 S 71 20 W
La Serena 29 50 S 71 15 W
Coquimbo 29 57 S 71 21 W 150D
Y G C R T A
Guayacan 29 58 S 71 22 W
P Q Y B A
Punta Chungo 31 53 S 71 31 W
Los Vilos 31 55 S 71 30 W
Puerto Papudo 32 30 S 71 27 W
Puerto Ventanas 32 45 S 71 30 W
P Y G C R B A
Quintero 32 46 S 71 30 W
P Q Y G B
Las Salinas 33 01 S 71 34 W
Valparaiso 33 01 S 71 38 W
P Q Y G C R B D T A
San Antonio 33 36 S 71 37 W
P Q Y G C R B T
Matanzas 33 59 S 71 54 W
Tome 36 37 S 72 57 W

151A

Lirquen 36 43 S 72 59 W
Y G C B A

Penco 36 43 S 73 00 W
Talcahuano 36 41 S 73 06 W
P Q Y G C R B D T A

San Vicente 36 44 S 73 09 W
P Q Y G C B A

Coronel 37 02 S 73 10 W
Y G C B A

Lota 37 06 S 73 10 W
Lebu 37 37 S 73 40 W
Corral 39 52 S 73 25 W
Y G T A

Valdivia 39 48 S 73 14 W
Bahia Mansa 40 34 S 73 45 W
Calbuco 41 45 S 73 09 W
Puerto Montt 41 28 S 72 57 W
P Y G C R B T A

151B

Chiloe Island
- Ancud 41 52 S 73 50 W
- Puerto Quemchi 42 08 S 73 28 W
- Castro 42 29 S 73 46 W

G R A

- Leutepo 42 57 S 73 35 W
- Puerto Quellon 43 09 S 73 37 W
- Puerto Carmen 43 09 S 73 46 W

Ascension Island
- Puerto Melinka 43 54 S 73 44 W

Chacabuco 45 28 S 72 50 W
P Y G C R B A

Puerto Eden 49 09 S 74 27 W
Guarello 50 21 S 75 20 W
Y

Puerto Bories 51 41 S 72 31 W
Puerto Natales 51 43 S 72 31 W
G R A

151C

Strait of Magellan
- Desolation Island
  - Cape Pilar 52 43 S 74 41 W
- Punta Arenas 53 10 S 70 54 W

P Q Y G C R B T A

- Rio Seco 53 04 S 70 51 W
- Cabo Negro 52 57 S 70 47 W

Q

- Puerto Percy 52 55 S 70 17 W

Q B

- Caleta Clarencia 52 54 S 70 09 W

P T

- Porvenir 53 17 S 70 22 W
- Gregorio Bay
  - Gregorio 52 38 S 70 11 W

P

- Punta Dungeness 52 24 S 68 26 W

Stewart Island 54 50 S 71 30 W

151D

Navarino Island
- Puerto Williams 54 56 S 67 37 W

P B A

Cape Horn 55 59 S 67 16 W

ANTARCTICA

Commonwealth Bay 67 00 S 142 00 E p.15
Dumont d'Urville **(France)** 66 40 S 140 01 E
Casey **(Australia)** 66 17 S 110 32 E
Bowman Island 65 30 S 103 25 E
Davis **(Australia)** 68 35 S 77 58 E
Mawson **(Australia)** 67 36 S 62 52 E
Casey Bay 67 30 S 46 00 E

FRENCH ANTARCTIC TERRITORY

St. Paul Island 38 43 S 77 31 E p.10/11
Amsterdam Island 37 51 S 77 32 E
Kerguelen Island
- Port aux Francais 49 21 S 70 12 E

Crozet Islands 46 20 S 51 30 E

BRITISH ANTARCTIC TERRITORY

152A

South Orkney Islands p.15
- Laurie Island
  - Scotia Bay 60 43 S 44 38 W

South Shetland Islands
- Deception Island
  - Port Foster 63 00 S 60 34 W

FALKLAND ISLANDS and Dependencies (United Kingdom)

South Georgia
- Leith Harbour 54 08 S 36 41 W
- King Edward Cove
  - Grytviken 54 17 S 36 30 W

Falkland Islands p.62/63
- Stanley Harbour 51 41 S 57 50 W

G C R B A

- Port William 51 41 S 57 45 W
- East Cove 51 52 N 58 10 W
- Mare Harbour 51 55 S 58 28 W
- Darwin 51 50 S 58 56 W
- Ajax Bay 51 33 S 59 06 W

152B

ARGENTINA

Ushuaia 54 49 S 68 17 W
P Y G C R B T A

Rio Grande 53 48 S 67 40 W
San Sebastian Terminal 53 19 S 68 16 W
P G

Rio Cullen Terminal 52 48 S 68 13 W
P

Cape Virgenes 52 20 S 68 21 W
Punta Loyola 51 36 S 69 01 W
Rio Gallegos 51 37 S 69 10 W
P Y G B A

Punta Quilla 50 08 S 68 22 W
P G B A

152C

Santa Cruz 50 08 S 68 23 W
San Julian 49 15 S 67 40 W
Puerto Deseado 47 45 S 65 54 W
G C B A

Caleta Paula 46 27 S 67 31 W
G

Caleta Olivia 46 26 S 67 31 W
Comodoro Rivadavia 45 52 S 67 28 W
P G C B T A

Caleta Olivares 45 46 S 67 22 W
Caleta Cordova 45 43 S 67 21 W
Camarones 44 27 S 65 42 W
Golfo Nuevo
- Puerto Madryn 42 46 S 65 03 W

Y G C B A

Golfo San Matias
- Punta Colorada 41 42 S 65 02 W

Y G

- San Antonio Este 40 49 S 64 54 W

G C B T A

152D

Bahia Blanca
P Q Y G B D T A

- Puerto Galvan 38 47 S 62 18 W
- Puerto Nacional 38 47 S 62 17 W
- Ingeniero White 38 48 S 62 16 W
- Puerto Belgrano 38 54 S 62 06 W
- Puerto Rosales 38 55 S 62 04 W
- Punta Ciguena 38 57 S 62 03 W
- Punta Ancla 38 57 S 62 02 W

Necochea 38 34 S 58 42 W
P Q Y G T A

Quequen 38 34 S 58 44 W
Mar del Plata 38 01 S 57 32 W
Q Y G C R B T A

Cape San Antonio 36 19 S 56 46 W
River Plate p.64
- Puerto Santiago 34 51 S 57 53 W
- Ensenada 34 52 S 57 54 W

153A

La Plata 34 50 S 57 52 W
P Q Y G B T A

Buenos Aires 34 36 S 58 22 W
P Q Y G C R B D T A

San Fernando 34 27 S 58 32 W
River Parana
- Escobar 34 21 S 58 46 W
- Campana 34 15 S 58 58 W

P Y G R B T

- Zarate 34 05 S 59 01 W

P Q Y G C R

- Atucha 33 59 S 59 17 W

G

- Lima 33 58 S 59 11 W

G

- San Pedro 33 42 S 59 39 W

Y G B

153B

Puerto Obligado 33 38 S 59 48 W
Ramallo 33 32 S 59 59 W
P Y G

San Nicolas 33 20 S 60 13 W
Y G B T A

Puerto Acevedo 33 18 S 60 15 W
Villa Constitucion 33 15 S 60 17 W
Y G B T A

Arroyo Seco 33 08 S 60 26 W
P Y B

General Lagos 33 05 S 60 34 W
Rosario 32 57 S 60 38 W
Q Y G B A

Puerto Borghi 32 48 S 60 37 W
San Lorenzo 32 45 S 60 38 W
P Q Y G B A

153C

San Martin 32 43 S 60 38 W
River Carcarana
- Gaboto 32 26 S 60 49 W

Diamante 32 04 S 60 39 W
Y G A

Bajada Grande 31 43 S 60 29 W
Parana 31 44 S 60 27 W
Santa Fe 31 39 S 60 42 W
P Q Y G C T A

River Colastine
- Colastine 31 37 S 60 28 W

La Paz 30 45 S 59 39 W
Barranqueras 27 29 S 58 54 W
Y G C A

Puerto Vilelas 27 29 S 58 52 W
Corrientes 27 29 S 58 50 W

PARAGUAY

River Paraguay
- Villa Oliva 26 00 S 57 43 W
- Puerto Villeta 25 30 S 57 36 W

153D

Y G

- Villa Elisa (Medin) 25 26 S 57 36 W
- Guyrati Pass 25 26 S 57 38 W
- San Antonio 25 25 S 57 34 W

Y G A

- Asuncion 25 16 S 57 41 W

P Q Y G C B D T A

- Concepcion 23 20 S 57 35 W
- Ladario **(Brazil)** 19 03 S 57 44 W
- Porto Peixinho **(Brazil)** 19 01 S 57 45 W
- Corumba **(Brazil)** 19 00 S 57 45 W

ARGENTINA

River Ibicuy
- Ibicuy 33 45 S 59 11 W

Y G B

P Petroleum **Q** Other Liquid Bulk **Y** Dry Bulk **G** General Cargo
C Containers **R** Ro-Ro **B** Bunkers **D** Dry Dock **T** Towage
A Airport (within 100km)

ARGENTINA *continued* — 154A

River Uruguay
Gualeguaychu 33 00 S 58 30 W
Concepcion del Uruguay 32 29 S 58 14 W
P Y G B T A
Colon 32 13 S 58 07 W
Concordia 31 24 S 57 57 W

URUGUAY

Salto 31 21 S 57 56 W
Paysandu 32 18 S 58 02 W
Y G T
Fray Bentos 33 06 S 58 19 W
Y G A
M'bopicua 33 07 S 58 15 W
Y
Nueva Palmira 33 53 S 58 25 W
Y G A
Puerto de Carmelo 34 01 S 58 18 W — 154B
River Plate
Martin Garcia 34 11 S 58 15 W
Colonia 34 28 S 57 51 W
G R
Sauce 34 27 S 57 26 W
Montevideo 34 54 S 56 16 W
P Q Y G C B D T A
Piriapolis 34 52 S 55 16 W
Maldonado 34 57 S 54 57 W
Jose Ignacio Terminal 34 57 S 54 42 W
P A
Punta del Este 34 58 S 54 57 W
G B A
La Paloma 34 39 S 54 09 W

BRAZIL

Rio Grande 32 10 S 52 05 W — 154C
P Q Y G C B T
Lagoa dos Patos
Rio Sao Goncalo
Pelotas 31 45 S 52 15 W
G A
River Guaiba
Porto Alegre 30 02 S 51 13 W
P Q Y G C B T A
River Jacui
Santa Clara 29 54 S 51 22 W
Q Y B A
Tramandai 30 00 S 50 05 W
P
Porto Laguna 28 30 S 48 45 W
Imbituba 28 17 S 48 40 W
P Q Y G C R B T A
Florianopolis 27 36 S 48 34 W — 154D
Porto Belo 27 10 S 48 33 W
Itajai 26 55 S 48 38 W
P Q G C R B T A
Sao Francisco do Sul 26 14 S 48 38 W
P Y G B T A
Paranagua 25 30 S 48 31 W
P Q Y G C R B T A
Barao de Teffe (Antonina) 25 26 S 48 32 W
Santos 23 56 S 46 20 W
P Q Y G C R B D T A
Barnabe Island 23 55 S 46 20 W
Guaruja 24 00 S 46 22 W
Sao Sebastiao 23 48 S 45 23 W
P Y G B T A
Ilha Grande Bay

Angra dos Reis 23 01 S 44 19 W — 155A
Y G R T
Gebig 23 03 S 44 14 W
P B T
Mangaratiba 22 54 S 44 03 W
Sepetiba Bay
Guaiba Island 23 01 S 44 02 W
Sepetiba 22 56 S 43 50 W
Y G C R T A
Rio de Janeiro 22 55 S 43 12 W
P Q Y G C R B D T
Niteroi 22 53 S 43 07 W
Arraial do Cabo 22 58 S 42 02 W
Forno 22 58 S 42 01 W
Y G A
Cabo Frio 23 01 S 42 00 W
Buzios 22 45 S 41 54 W
Campos 21 42 S 41 20 W
Ponta do Ubu 20 47 S 40 35 W — 155B
Y G B T A
Vitoria 20 18 S 40 20 W
P Y G C R B T A
Tubarao 20 17 S 40 15 W
P Y G B T A
Praia Mole 20 17 S 40 14 W
Y A
Portocel (Barra do Riacho) 19 51 S 40 03 W
Y G T A
Lagoa Parda Terminal 19 42 S 39 50 W
P
Abrolhos Islands 17 58 S 38 41 W p.62/63
Caravellas 17 41 S 39 08 W
Cumuruxatiba 17 06 S 39 11 W
Porto Seguro 16 27 S 39 04 W
Ilheus 14 47 S 39 02 W
P Q Y G C R B T A
Camamu 13 57 S 39 07 W — 155C
Bay of Todos os Santos
Campinho 12 53 S 39 00 W
Sao Roque 12 51 S 38 51 W
Madre de Deus 12 45 S 38 37 W
P Q T B A
Aratu 12 47 S 38 29 W
P Q Y T A
Salvador 12 58 S 38 31 W
P Y G C R B T A
Aracaju 10 55 S 37 03 W
P G B A
Barra dos Coqueiros 10 53 S 37 03 W
Sao Francisco do Norte River
Neopolis 10 19 S 36 34 W
Maceio 9 40 S 35 44 W
P Q Y G B T A
Suape 8 24 S 34 57 W — 155D
P Q G C R T
Recife 8 04 S 34 52 W
P Q Y G C R B T A
Cabedelo 6 58 S 34 51 W
P Y G C R T
Natal 5 47 S 35 11 W
P Q Y G C B A
Macau 5 06 S 36 38 W
Salineiro Terminal 4 49 S 37 02 W
Y T
Areia Branca 4 57 S 37 08 W
Guamare Terminal 4 52 S 36 21 W
P
Aracati 4 25 S 37 45 W

Fernando Noronha Island 3 48 S 32 23 W — 156A
Mucuripe 3 42 S 38 28 W
Fortaleza 3 41 S 38 29 W
P Q Y G C R B T A
Pecem 3 33 S 38 49 W
P Q Y G C
Camocim 2 51 S 40 53 W
Luiz Correia 2 53 S 41 39 W
Parnaiba 2 56 S 41 47 W
Tutoia Bay
Tutoia 2 46 S 42 16 W
Sao Luiz de Maranhao 2 30 S 44 18 W
Ponta da Madeira 2 34 S 44 23 W
Y T A
Itaqui 2 34 S 44 21 W
P Q Y G C R B T A
Alumar 2 41 S 44 22 W
Y B T A
Salinopolis 0 37 S 47 21 W — 156B
River Para
Icoraci 1 18 S 48 30 W
Miramar 1 24 S 48 29 W
P Q B A
Belem 1 27 S 48 30 W
P Q Y G C R B D T A
River Moju
Moju 1 52 S 48 45 W
Barcarena 1 29 S 48 40 W
Vila do Conde 1 33 S 48 45 W
Y G A
Capim Island 1 33 S 48 52 W
Os Estreitos
Breves 1 41 S 50 30 W
Portel 1 58 S 50 45 W
River Amazon
Afua 0 10 S 50 22 W
Macapa 0 02 N 51 03 W
P Y G R A
Fazendinha 0 04 N 51 07 W — 156C
Santana 0 03 N 51 11 W
River Jari
Munguba 1 05 S 52 23 W
Y G A
Santarem 2 25 S 54 42 W
Y G A
River Tapajos
Alter do Chao 2 31 S 54 57 W
Itaituba 4 15 S 55 56 W
Obidos 1 45 S 55 30 W
River Trombetas
Trombetas 1 28 S 56 23 W
Y G T A
Parintins 2 36 S 56 44 W
Itacoatiara 3 09 S 58 27 W
River Madeira
Porto Velho 8 37 S 63 43 W
Xiborena 3 10 S 59 55 W
Manaus 3 09 S 60 01 W — 156D
P Q Y G C R B T A
Coari 4 08 S 63 07 W
Benjamim Constant 4 23 S 69 59 W
Tabatinga 4 14 S 69 56 W
Leticia **(Colombia)** 4 12 S 69 56 W
Iquitos **(Peru)** 3 43 S 73 11 W
Y G C R B D A
River Ucayali
Pucallpa **(Peru)** 8 22 S 74 32 W

FRENCH GUIANA (France)

River Mahury
Degrad des Cannes 4 51 N 52 16 W
P Q Y G C R B A
Fourgassie 4 35 N 52 21 W
Cayenne 4 56 N 52 20 W
Larivot 4 54 N 52 22 W
Iles du Salut 5 17 N 52 36 W

River Kourou
Pariacabo 5 09 N 52 40 W
Kourou 5 09 N 52 40 W
Maroni River
St. Laurent 5 30 N 54 02 W

SURINAME

Cottica River
Moengo 5 38 N 54 24 W
Suriname River
Belwaarde 5 51 N 55 05 W
Paramaribo 5 50 N 55 10 W

P	Q	Y	G	C	B	D	A			

Smalkalden 5 37 N 55 05 W
Paranam 5 36 N 55 05 W

Y	G	C	B	T	A					

Nickerie River
Nieuw Nickerie 5 57 N 57 00 W

P	G	B	A							

Wageningen 5 46 N 56 41 W
Corentyn River
Apoera 5 11 N 57 11 W

GUYANA

Skeldon 5 52 N 57 08 W
River Berbice
New Amsterdam 6 15 N 57 31 W

P	Y	G								

Everton 6 11 N 57 31 W
Demerara River
Georgetown 6 49 N 58 11 W

P	Y	G	C	B	D	A				

Linden 6 01 N 58 18 W
Adventure 7 05 N 58 29 W
Essequibo River
Bartica 6 24 N 58 38 W
Pomeroon River
Charity 7 24 N 58 35 W
Pickersgill 7 16 N 58 42 W
River Kaituma
Port Kaituma 8 28 N 59 52 W

VENEZUELA

River Orinoco p.60/61
Punta Barima 8 36 N 60 25 W
Curiapo 8 33 N 61 05 W
Paradero 8 24 N 62 38 W

P										

San Felix 8 22 N 62 40 W

Y	G	B								

Palua 8 22 N 62 42 W

Y	G	B	T	A						

Puerto Ordaz 8 21 N 62 43 W

Y	G	B	T	A						

Punta Cuchillo 8 19 N 62 49 W

P	B	T	A							

Matanzas 8 17 N 62 51 W

Y	G	B	T	A						

Ciudad Bolivar 8 08 N 63 33 W

G										

Cabruta 7 40 N 66 16 W
Puerto Carreno **(Colombia)**
6 10 N 67 29 W
River Inirida **(Colombia)**
Puerto Inirida **(Colombia)**
3 51 N 67 51 W
Puerto Nuevo **(Colombia)**
3 35 N 69 34 W
Boca Grande Terminal 9 57 N 61 35 W
Gulf of Paria
Pedernales 9 58 N 62 15 W
River San Juan
Guanoco 10 09 N 62 56 W
Caripito 10 09 N 63 02 W

P	G	B	A							

Guiria 10 34 N 62 18 W

Puerto de Hierro 10 38 N 62 06 W

Y	G	A								

Carupano 10 41 N 63 15 W

G										

Margarita Island
San Juan Griego 11 05 N 63 59 W
Pampatar 11 00 N 63 47 W
Porlamar 10 57 N 63 51 W
El Guamache 10 52 N 64 04 W

P	Q	G	C	R	A					

Los Hermanos Islands 11 45 N 66 28 W
Araya 10 34 N 64 15 W

Y	G									

Puerto Sucre 10 28 N 64 12 W
Cumana 10 28 N 64 11 W

Y	G	R	B	A						

Mochima 10 21 N 64 20 W
Manare 10 25 N 64 21 W
Pertigalete Bay
Pertigalete 10 15 N 64 33 W
Pamatacual 10 14 N 64 34 W
Pamatacualito 10 14 N 64 35 W
Guanta 10 15 N 64 36 W

Y	G	C	R	B						

El Chaure 10 15 N 64 37 W
Guaraguao 10 14 N 64 38 W
Puerto la Cruz 10 13 N 64 38 W

P	Q	G	B	T	A					

Bergantin 10 15 N 64 39 W
Barcelona 10 08 N 64 42 W
Puerto Jose 10 06 N 64 51 W

P	Y	C								

Piritu 10 05 N 65 04 W
Tortuga Island 10 54 N 65 20 W
Puerto Carenero 10 32 N 66 07 W
La Guaira 10 36 N 66 56 W

P	Y	G	C	R	B	T	A			

Catia la Mar 10 36 N 67 02 W
Turiamo 10 29 N 67 51 W
Borburata 10 29 N 67 55 W
Puerto Cabello 10 29 N 68 00 W

Y	G	C	R	B	D	T	A			

El Palito 10 29 N 68 07 W

P	Q									

Moron 10 31 N 68 10 W
Tucacas 10 48 N 68 19 W
Chichiriviche 10 55 N 68 16 W

Y										

Tucupido 11 31 N 69 20 W
Cumarebo 11 30 N 69 21 W

Y	G									

La Vela de Coro 11 28 N 69 34 W
Paraguana Peninsula
Los Taques 11 50 N 70 16 W
Amuay Bay 11 46 N 70 15 W

P	Q	Y	G	B	T	A				

Las Piedras 11 43 N 70 13 W

P	T	A								

Punto Fijo 11 41 N 70 16 W
Guaranao Bay 11 40 N 70 13 W

G	C	T								

Punta Botija 11 37 N 70 14 W
Punta Cardon 11 36 N 70 15 W

P	Q	G	B	T	A					

Punta Codore 11 21 N 70 16 W
Lake Maracaibo
Punta Gorda 10 46 N 71 34 W
Puerto Miranda 10 46 N 71 36 W

P	Q	B	T							

El Tablazo 10 45 N 71 32 W

Q	Y	G	C	B	T	A				

La Estacada 10 43 N 71 32 W
Punta Camacho 10 33 N 71 32 W
Punta Icotea 10 24 N 71 29 W

Cabimas 10 22 N 71 29 W
La Salina 10 22 N 71 28 W

P	Q	B	T	A						

Tia Juana 10 15 N 71 22 W
Las Morochas 10 13 N 71 20 W
Lagunillas 10 07 N 71 16 W
Bachaquero 9 57 N 71 08 W
San Lorenzo 9 47 N 71 04 W
La Ceiba 9 28 N 71 04 W

Q	Y	G								

Coloncha 9 12 N 71 45 W
Punta Palmas 10 27 N 71 38 W

P	B	T	A							

Bajo Grande 10 31 N 71 36 W

P	Q	B	T	A						

Punta Piedras 10 34 N 71 36 W
San Francisco 10 36 N 71 39 W
Maracaibo 10 39 N 71 36 W

P	Q	Y	G	C	R	B	T	A		

COLOMBIA

Puerto Bolivar 12 16 N 71 57 W

P	Y	G	C	R	T					

Rio Hacha 11 33 N 72 55 W
Santa Marta 11 15 N 74 13 W

Y	G	C	R	B	T	A				

Pozos Colorados Terminal 11 09 N 74 15 W

P	A									

Puerto Zuniga (Puerto Prodeco)
11 09 N 74 13 W

Y	T	A								

Puerto Drummond 11 07 N 74 16 W
Cienaga 11 01 N 74 15 W
Magdalena River
Barranquilla 10 58 N 74 47 W

P	Y	G	C	R	B	T	A			

Puerto Colombia 11 00 N 74 58 W
Savanilla 11 00 N 74 58 W
Cartagena 10 25 N 75 32 W

P	Q	Y	G	C	R	B	D	T	A	

Mamonal 10 19 N 75 31 W

P	B	D	T							

Tolu 9 16 N 75 35 W
Covenas 9 25 N 75 41 W

P	T	A								

Puerto Cispata 9 24 N 75 47 W
Turbo 8 04 N 76 44 W

G	A									

Titumate 8 18 N 77 04 W
Trigana 8 23 N 77 06 W
Acandi 8 32 N 77 20 W
Capurgana 8 38 N 77 21 W
Zapzurro 8 39 N 77 21 W

ARUBA (Netherlands)

Druif 12 32 N 70 04 W
Oranjestad 12 31 N 70 00 W

G	C	R	B	T	A					

Barcadera 12 29 N 70 00 W

Y	G	R	B	T	A					

San Nicolas Bay 12 26 N 69 55 W

P	Q	Y	G	B	T	A				

NETHERLANDS ANTILLES (Netherlands)

Curacao Island
Bullen Bay 12 11 N 69 01 W

P	Q	G	B	T	A					

St. Michiel's Bay 12 09 N 69 01 W

P										

St. Anna Bay 12 07 N 68 57 W

157A 157B 157C 157D 158A 158B 158C 158D 159A 159B 159C 159D

P Petroleum **Q** Other Liquid Bulk **Y** Dry Bulk **G** General Cargo
C Containers **R** Ro-Ro **B** Bunkers **D** Dry Dock **T** Towage
A Airport (within 100km)

NETHERLANDS ANTILLES *continued* — 160A

Willemstad 12 07 N 68 56 W
P Q Y G C R B D T A

Schottegat
Emmastad 12 08 N 68 56 W
Caracas Bay 12 04 N 68 52 W
P A

Fuik Bay 12 03 N 68 50 W
Y G A

Bonaire Island
Goto 12 13 N 68 23 W
Kralendijk 12 09 N 68 17 W
Y G C R B T A

Salina 12 05 N 68 17 W

TRINIDAD AND TOBAGO

Trinidad
Point Fortin 10 11 N 61 41 W — 160B
Q B A

Brighton 10 15 N 61 38 W
P Y B T

San Fernando 10 17 N 61 28 W
Pointe a Pierre 10 19 N 61 28 W
P Q G B T A

Claxton Bay 10 21 N 61 28 W
Point Lisas 10 24 N 61 30 W
P Q Y G C R B T

Port of Spain 10 39 N 61 31 W
G C R B T A

Tembladora 10 41 N 61 36 W
Y G B T A

Carenage Bay 10 40 N 61 37 W
Cronstadt Island 10 39 N 61 38 W
Chaguaramas Bay
Chaguaramas 10 40 N 61 39 W — 160C
Y B A

Galeota Point Terminal 10 08 N 61 00 W
P A

Tobago
Scarborough 11 11 N 60 44 W
P G R B A

Sandy Point 11 08 N 60 52 W
Crown Point 11 09 N 60 51 W
Pigeon Point 11 10 N 60 50 W
Plymouth 11 13 N 60 46 W
Charlotteville 11 18 N 60 33 W

GRENADA

St. George's 12 03 N 61 45 W
P Q Y G C B A

ST. VINCENT and the GRENADINES

Mayreau Island 12 40 N 61 22 W — 160D
Kingstown 13 09 N 61 14 W
P Q Y G C R B A

Arnos Vale 13 07 N 61 12 W
Georgetown 13 14 N 61 10 W
Bequia Island 13 00 N 61 14 W

BARBADOS

Bridgetown 13 06 N 59 36 W
P Q Y G C B D T A

Speightstown 13 17 N 59 37 W

ST. LUCIA

Vieux Fort 13 44 N 60 57 W
P Q Y G C R B A

Soufriere 13 53 N 61 04 W
Port Marigot 13 58 N 61 02 N

Cul de Sac 13 59 N 61 02 W — 161A
P Q G B A

Castries 14 01 N 61 00 W
Y G C R B T A

MARTINIQUE (France)

Fort de France 14 36 N 61 04 W
P Q Y G C R B D A

St. Pierre 14 44 N 61 11 W
La Trinite 14 48 N 61 00 W

DOMINICA

Roseau 15 17 N 61 24 W
P Q G C R B A

Portsmouth 15 32 N 61 29 W

GUADELOUPE (France)

Marie Galante — 161B
Grand Bourg 15 53 N 61 19 W
Basse Terre
Basse Terre 16 02 N 61 45 W
G C T

Grande Terre
Pointe a Pitre 16 13 N 61 32 W
P Y G C R A

MONTSERRAT (United Kingdom)

Plymouth 16 42 N 62 13 W
G C R A

ANTIGUA and BARBUDA

Antigua
St. John's 17 07 N 61 52 W
P Y G C R B T A

Barbuda 17 38 N 61 49 W — 161C

ST. KITTS-NEVIS

St. Kitts (St. Christopher)
Basseterre 17 18 N 62 43 W
P Y G C R B A

Nevis
Charlestown 17 08 N 62 37 W

NETHERLANDS ANTILLES (Netherlands)

St. Eustatius 17 29 N 62 59 W
B T A

Saba 17 38 N 62 14 W
St. Barthelemy **(France)**
Gustavia 17 55 N 62 50 W
Y G C R A

St. Maarten/St. Martin **(Netherlands/France)**
Groote Bay **(Netherlands)** — 161D
Philipsburg 18 02 N 63 03 W
G C R B A D

Marigot **(France)** 18 04 N 63 06 W
G C R A

ANGUILLA (United Kingdom)

Anguilla
Blowing Point 18 10 N 63 05 W
Road Bay 18 11 N 63 01 W
Sombrero 18 36 N 63 28 W

BRITISH VIRGIN ISLANDS (United Kingdom)

Tortola
P G C R B A

Road Harbour 18 25 N 64 37 W

U.S. VIRGIN ISLANDS (United States of America) — 162A

St. John 18 21 N 64 40 W
G R

St. Thomas 18 23 N 64 56 W
G R T A

St. Croix
Christiansted 17 46 N 64 41 W
G C R B T A

Frederiksted 17 43 N 64 53 W
G C R B T A

Krause Lagoon
Port Alucroix 17 42 N 64 46 W
P Y T

Limetree Bay 17 42 N 64 45 W
G C R B T A

Hovensa (Hovic) 17 42 N 64 45 W
P B T A

PUERTO RICO (United States of America) — 162B

Humacao 18 10 N 65 45 W
Naguabo 18 12 N 65 43 W
Ensenada Honda 18 12 N 65 38 W
Vieques Sound
Roosevelt Roads 18 10 N 65 32 W
Ceiba 18 16 N 65 40 W
Fajardo 18 20 N 65 38 W
San Juan 18 28 N 66 07 W
P Y G C R B D T A

Arecibo 18 28 N 66 43 W
Y G

Aguadilla 18 22 N 67 10 W
Mayaguez 18 12 N 67 09 W
G A

Mona Passage
Mona Island 18 05 N 67 57 W — 162C
Guanica 17 58 N 66 55 W
G B T

Guayanilla 17 59 N 66 45 W
G B T

Tallaboa Bay 17 59 N 66 44 W
Ponce 17 58 N 66 39 W
P Y G C R B T A

Jobos 17 58 N 66 17 W
Aguirre 17 57 N 66 13 W
G

Las Mareas (Guayama) 17 57 N 66 08 W
P Q G

Yabucoa 18 04 N 65 48 W
P B

DOMINICAN REPUBLIC

Manzanillo 19 43 N 71 45 W — 162D
G B

Monte Christi 19 52 N 71 39 W
Cape Isabela 19 55 N 71 02 W
Luperon 19 53 N 70 57 W
Puerto Plata 19 49 N 70 42 W
Y G C R B A

Bergantin 19 47 N 70 38 W
Sosua 19 48 N 70 29 W
Samana Bay
Samana (Santa Barbara de Samana)
19 12 N 69 20 W
Arroyo Barril (Puerto Duarte)
19 12 N 69 26 W
Y G C B

Sanchez 19 14 N 69 36 W
Cape Engano 18 36 N 68 19 W

163A

La Romana 18 25 N 68 57 W

Y	G	C	T	A						

San Pedro de Macoris 18 26 N 69 18 W

Y	G	B	A							

Andres Bay

Andres 18 24 N 69 38 W

Q	T									

Boca Chica 18 27 N 69 35 W

G	C	B	A							

Caucedo 18 24 N 69 37 W

C	B	T	A							

Santo Domingo 18 28 N 69 53 W

P	Y	G	C	R	B	D	T	A		

Rio Haina 18 25 N 70 00 W

P	Q	Y	G	C	R	B	T	A		

Palenque Terminal 18 12 N 70 11 W

P	T	A								

163B

Las Calderas 18 13 N 70 30 W
Azua (Puerto Tortuguero) 18 25 N 70 40 W
Puerto Viejo de Azua 18 30 N 70 40 W

Q	R	B								

Barahona 18 12 N 71 04 W

Y	G	B	T							

Cabo Rojo 17 54 N 71 40 W

Y										

HAITI

Jacmel 18 13 N 72 31 W
Aquin 18 16 N 73 23 W
Aux Cayes 18 11 N 73 44 W
Cap Tiburon 18 21 N 74 27 W
Anse d'Hainault 18 28 N 74 27 W
Jeremie 18 39 N 74 07 W
Miragoane 18 28 N 73 06 W

Y	G	T								

163C

Petit Goave 18 26 N 72 52 W
Leogane 18 31 N 72 38 W
Port au Prince 18 33 N 72 21 W

P	Q	Y	G	C	R	B	D	T	A	

Varreux Terminal 18 34 N 72 20 W
Laffiteau 18 43 N 72 26 W
Fond Mombin 18 45 N 72 28 W
Pointe de Mont Rouis 18 57 N 72 42 W
St. Marc 19 07 N 72 42 W
Gonaives 19 27 N 72 42 W
Port de Paix 19 57 N 72 50 W
Tortuga Island 20 01 N 72 38 W
Cap Haitien 19 46 N 72 12 W

G	C	R	B	A						

Caracol 19 44 N 72 07 W
Fort Liberte 19 41 N 71 51 W

JAMAICA

163D

Port Morant 17 53 N 76 20 W
Morant Bay 17 52 N 76 24 W
Port Royal 17 56 N 76 51 W

G	T									

Kingston 17 58 N 76 48 W

P	Y	G	C	R	B	D	T	A		

Port Bustamante 17 59 N 76 50 W
Old Harbour Bay 17 54 N 77 06 W
Port Esquivel 17 53 N 77 08 W

Y	G	B	A							

Salt River 17 50 N 77 10 W
Rocky Point 17 49 N 77 09 W

P	G	A								

Alligator Pond 17 52 N 77 35 W
Port Kaiser 17 53 N 77 36 W

Y	G	A								

Black River 18 01 N 77 53 W
Bluefields 18 10 N 78 02 W

164A

Savanna la Mar 18 12 N 78 08 W
Negril 18 16 N 78 22 W
Green Island 18 25 N 78 18 W
Lucea 18 27 N 78 10 W
Montego Bay 18 28 N 77 56 W

P	G	C	R	B	A					

Falmouth 18 29 N 77 39 W
Rio Bueno 18 28 N 77 27 W

G	A									

Discovery Bay

Port Rhoades 18 28 N 77 26 W

Y	G	A								

St. Anns Bay 18 26 N 77 12 W
Ocho Rios 18 25 N 77 07 W

Y	G	A								

Oracabessa 18 25 N 76 59 W
Port Maria 18 23 N 76 55 W
Annotto Bay 18 17 N 76 45 W
Buff Bay 18 14 N 76 39 W
Hope Bay 18 13 N 76 35 W
Port Antonio 18 11 N 76 27 W

164B

G	B	A								

Manchioneal 18 02 N 76 17 W

CAYMAN ISLANDS (United Kingdom)

Grand Cayman Island

George Town 19 18 N 81 23 W

P	Q	G	C	R	B	A				

Little Cayman Island 19 40 N 80 07 W
Cayman Brac

P	G	C	R	B	A					

Creek 19 44 N 79 47 W

CUBA

Punta de Maisi 20 15 N 74 08 W
Puerto Baitiqueri 20 01 N 74 51 W
Guantanamo Bay

Guantanamo 20 08 N 75 11 W
Boqueron 19 59 N 75 07 W

164C

Q	Y	G	T							

Caimanera 19 59 N 75 09 W
Deseo 19 58 N 75 08 W
Daiquiri 19 55 N 75 38 W
Siboney 19 57 N 75 42 W
Santiago 19 59 N 75 52 W

P	Q	Y	G	B	T	A				

Nima Nima 19 57 N 75 59 W
Pilon 19 54 N 77 18 W
Cabo Cruz 19 51 N 77 43 W
Niquero 20 03 N 77 36 W
Media Luna 20 10 N 77 26 W
San Ramon 20 13 N 77 22 W
Ceiba Hueca 20 13 N 77 19 W
Campachuela 20 14 N 77 17 W
Manzanillo 20 21 N 77 07 W

P	Y	G	T	A						

Guayabal 20 42 N 77 37 W

G										

Manopla 20 39 N 77 52 W
Santa Cruz del Sur 20 42 N 77 59 W
Boca Grande 21 33 N 78 40 W
Jucaro 21 37 N 78 51 W

164D

G	T									

Palo Alto 21 36 N 78 58 W
Tunas de Zaza 21 38 N 79 33 W
Casilda 21 45 N 79 59 W

G	T									

Cienfuegos 22 08 N 80 27 W

P	Q	Y	G	B	T					

Batabano 22 41 N 82 18 W
Isla de la Juventud (Isla de Pinos)

Nueva Gerona 21 55 N 82 46 W

G										

Rio Coloma 22 15 N 83 34 W
Arroyos Anchorage 22 21 N 84 23 W

165A

Santa Lucia 22 41 N 83 58 W

Y	T									

Bahia Honda 22 58 N 83 10 W

G										

Orozco 23 08 N 83 02 W
Cabanas 23 00 N 82 59 W

Q	Y	G	T							

Mariel 23 01 N 82 45 W

P	Y	G	T							

Chorrera Bay 23 08 N 82 24 W
Castillo del Morro 23 09 N 82 21 W
Havana (Habana) 23 08 N 82 21 W

P	Q	Y	G	C	R	B	D	T	A	

Regla 23 08 N 82 20 W
Matanzas 23 03 N 81 34 W

Q	Y	G	A							

Cardenas 23 03 N 81 12 W

G	T	A								

165B

Rio Sagua la Grande

Isabela de Sagua 22 57 N 80 01 W

G	B	T								

Sagua la Grande 22 51 N 80 05 W
Caibarien 22 32 N 79 28 W

G	T									

Cay Frances 22 38 N 79 13 W
Nuevitas 21 33 N 77 16 W

P	Q	Y	G	B	T	A				

Puerto Tarafa 21 34 N 77 15 W
Bufadero 21 34 N 77 14 W
Pastelillo 21 33 N 77 13 W
Manati 21 22 N 76 49 W

Q	Y	G	T							

Puerto Padre 21 17 N 76 32 W

P	Q	G								

165C

Chaparra 21 12 N 76 33 W
Gibara 21 07 N 76 08 W
Vita 21 05 N 75 57 W

P	Q	G								

Sama 21 07 N 75 46 W
Banes 20 55 N 75 42 W
Nipe Bay

Antilla 20 50 N 75 44 W

G	B	T								

Preston 20 47 N 75 39 W
Felton 20 45 N 75 36 W
Nicaro 20 43 N 75 33 W

G										

Tanamo 20 42 N 75 20 W

G	A									

Cayo Mambi 20 40 N 75 17 W
Cananova 20 41 N 75 06 W
Cayo Moa 20 41 N 74 54 W

G	T									

165D

Punta Gorda 20 38 N 74 51 W
Baracoa 20 21 N 74 29 W

G	T	A								

TURKS and CAICOS ISLANDS (United Kingdom)

Grand Turk Island

Grand Turk (Cockburn Town)
21 28 N 71 09 W

Y	G	C	R	B	A					

Caicos Islands

Providenciales Island

Providenciales 21 44 N 72 17 W

Q	Y	G	C	R	B	A				

BAHAMAS

Great Inagua Island

Matthew Town 20 57 N 73 41 W

Little Inagua Island 21 30 N 73 00 W

P Petroleum **Q** Other Liquid Bulk **Y** Dry Bulk **G** General Cargo
C Containers **R** Ro-Ro **B** Bunkers **D** Dry Dock **T** Towage
A Airport (within 100km)

BAHAMAS *continued* 166A

Coco Cay 22 09 N 75 42 W
Ragged Island 22 14 N 75 45 W
Long Island 23 41 N 75 21 W
San Salvador Island 24 00 N 74 30 W
Rum Cay 23 41 N 74 51 W
Little Exuma Island 23 23 N 75 30 W
Great Exuma Island
Exuma 23 34 N 75 49 W
Little San Salvador 24 34 N 75 56 W
Half Moon Cay 24 35 N 75 58 W
Princess Cays 24 35 N 76 05 W
Eleuthera Island 25 23 N 76 33 W
New Providence Island
Nassau 25 04 N 77 21 W

P	Q	G	C	R	B	T	A			

Salt Cay 25 06 N 77 16 W
Clifton Pier 25 00 N 77 33 W
Andros Island 24 43 N 77 47 W
Berry Islands 25 49 N 77 57 W
Bimini Islands
Barnett Harbour 25 38 N 79 20 W 166B
Gun Cay 25 35 N 79 19 W
Ocean Cay 25 25 N 79 13 W
Great Abaco Island
Hole in the Wall 25 51 N 77 10 W
Marsh Harbour 26 31 N 77 05 W
Castaway Cay 26 05 N 77 32 W
Grand Bahama Island
Freeport 26 31 N 78 47 W

P	Y	G	C	R	B	T	A			

Lucaya 26 32 N 78 40 W
South Riding Point 26 36 N 78 13 W

P	T	A								

PANAMA

Gulf of San Blas 9 34 N 79 01 W
Puerto Bello 9 33 N 79 39 W
Las Minas Bay p.68

P	B	T	A							

Payardi Island 9 24 N 79 50 W 166C
Manzanillo 9 22 N 79 52 W

C	R	B	T	A						

Coco Solo 9 22 N 79 53 W

Y	G	C	B	T						

Colon 9 22 N 79 55 W
Cristobal 9 21 N 79 55 W

P	G	C	R	B	T	A				

Panama Canal
Gatun 9 16 N 79 55 W
Gamboa 9 07 N 79 42 W
Balboa 8 57 N 79 34 W

P	Q	Y	G	C	B	D	T	A		

Chiriqui Grande 8 58 N 82 06 W p.60/61

P	Y	G	C	B						

Almirante 9 17 N 82 23 W

P	G	A								

Bocas del Toro 9 20 N 82 15 W 166D

COSTA RICA

Puerto Vargas 9 44 N 82 48 W
Puerto Limon 10 00 N 83 03 W

P	Q	Y	G	C	R	B	T	A		

Puerto Moin 10 00 N 83 05 W
Barra Colorado 10 47 N 83 35 W

NICARAGUA

San Juan del Norte 10 57 N 83 43 W
El Bluff 12 01 N 83 44 W

P	G	R	B	A						

River Escondido
Arlen Siu (Rama) 12 13 N 84 15 W
Bluefields 12 00 N 83 46 W
Las Perlas 12 20 N 83 40 W
Man of War Cays 13 02 N 83 23 W
Isla San Andres **(Colombia)**
San Andres 12 33 N 81 41 W 167A

G	C	A								

Isla de Providencia **(Colombia)**
13 23 N 81 22 W
Puerto Benjamin Zeledon 13 19 N 83 37 W
Puerto Cabezas 14 02 N 83 23 W

G	B	A								

Puerto Cabo Gracias a Dios
15 00 N 83 10 W
Serrana Bank **(America/Colombia)**
14 28 N 80 17 W
Quita Sueno Bank **(America/Colombia)**
14 29 N 81 08 W

HONDURAS

Swan Islands 17 25 N 83 55 W
Santa Rosa de Aguan 15 55 N 85 40 W
Puerto Castilla 16 01 N 86 03 W

Q	G	C	R	A						

Trujillo 15 51 N 86 00 W
Guanaja Island 16 25 N 85 58 W
Roatan Island 16 16 N 86 40 W
La Ceiba 15 47 N 86 45 W

G	A									

Porvenir 15 45 N 86 54 W 167B
Utila Island 16 04 N 87 02 W
Tela 15 47 N 87 30 W
Puerto Cortes 15 51 N 87 56 W

P	Q	Y	G	C	R	B	T	A		

Omoa 15 47 N 88 04 W

GUATEMALA

Puerto Barrios 15 44 N 88 36 W

P	Y	G	C	R	T	A				

Santo Tomas de Castilla 15 42 N 88 37 W

P	Q	Y	G	C	R	B	T	A		

Livingston 15 50 N 88 45 W

BELIZE

Punta Gorda 16 06 N 88 48 W
Big Creek 16 30 N 88 24 W 167C
Riversdale 16 32 N 88 20 W
Commerce Bight 16 56 N 88 14 W
Dangriga 16 58 N 88 14 W
Belize City 17 30 N 88 11 W

P	G	C	R	B	T	A				

Ambergris Cay
San Pedro 17 55 N 87 57 W
Corozal 18 22 N 88 24 W

MEXICO

Chetumal 18 30 N 88 18 W
Dos Hermanos 18 35 N 88 06 W
Xcalak 18 16 N 87 50 W
Puerto Costa Maya 18 43 N 87 42 W
Akumal 20 24 N 87 18 W
Cozumel Island
Cozumel 20 30 N 86 57 W

G	B									

Punta Venado 20 33 N 87 08 W
Calica 20 36 N 87 05 W 167D
Playa del Carmen 20 38 N 87 04 W
Puerto Morelos 20 50 N 86 54 W
Cancun 21 08 N 86 48 W
Puerto Juarez 21 11 N 86 48 W
Isla Mujeres
Puerto Mujeres 21 10 N 86 45 W
Punta Sam 21 16 N 86 49 W
El Cuyo 21 30 N 87 40 W
Las Coloradas 21 36 N 88 01 W
Rio Lagartos 21 34 N 88 10 W
Dzilam 21 25 N 88 50 W
Telchac 21 19 N 89 15 W
Progreso 21 17 N 89 40 W

P	Y	G	C	R	B	T	A			

Yukalpeten 21 17 N 89 43 W 168A

G	B	A								

Sisal 21 10 N 90 02 W p.59
Cayo Arcas Terminal 20 11 N 91 59 W

P	T									

Campeche 19 51 N 90 33 W
Lerma 19 48 N 90 36 W

G	T	A								

Seybaplaya 19 38 N 90 40 W
Carmen Island 18 31 N 91 52 W
Laguna de Terminos
Ciudad del Carmen 18 39 N 91 51 W

G	B	A								

River Grijalva
Frontera 18 35 N 92 39 W

G	B	A								

Dos Bocas 18 25 N 93 08 W

P	G	T	A							

Rabon Grande 18 13 N 94 24 W 168B
Coatzacoalcos River
Coatzacoalcos 18 09 N 94 25 W

P	Q	Y	G	C	B	D	T	A		

Nanchital 18 04 N 94 25 W

P	G	B	T	A						

Minatitlan 18 00 N 94 32 W

P	Y	G	B	T	A					

Alvarado 18 46 N 95 46 W
Veracruz 19 12 N 96 08 W

P	Q	Y	G	C	R	B	D	T	A	

Nautla 20 17 N 96 47 W
Tecolutla 20 28 N 97 00 W
Gutierrez Zamora 20 27 N 97 05 W
Punta Cazones 20 45 N 97 11 W
Tuxpan 20 59 N 97 20 W

P	Q	Y	G	C	T	A				

Tamesi River 168C
Mata Redonda 22 14 N 97 49 W
Tampico 22 13 N 97 53 W

P	Q	Y	G	C	R	B	D	T	A	

Altamira 22 25 N 97 55 W

P	Y	G	C	R	B	T	A			

Mezquital 25 08 N 98 21 W

U.S.A.

TEXAS (TX)

Rio Grande p.54/55
Brownsville 25 57 N 97 24 W

P	Q	Y	G	C	B	D	T	A		

Port Isabel 26 04 N 97 12 W

P	Y	G	B	A						

Corpus Christi 27 48 N 97 23 W

P	Q	Y	G	C	B	D	T	A	R	

Ingleside 27 50 N 97 14 W 168D
Rockport 28 01 N 97 02 W
Fulton 28 03 N 97 02 W
Harbor Island 27 52 N 97 04 W
Port Aransas 27 50 N 97 04 W
Port Lavaca 28 37 N 96 38 W
Point Comfort 28 38 N 96 34 W

Y	G	B	D	T	A					

Palacios 28 42 N 96 13 W
Brazos River
Freeport 28 56 N 95 18 W

P	Q	Y	G	C	R	B	T	A		

Galveston Bay
Galveston 29 18 N 94 48 W

P	Y	G	C	R	B	D	T	A		

Texas City 29 22 N 94 53 W

P	Q	Y	G	B	T	A				

Houston Ship Channel
Bayport 29 37 N 95 01 W

169A

Barbours Cut 29 41 N 95 00 W
Baytown 29 44 N 95 01 W
Deer Park 29 44 N 95 08 W
Port Adams 29 45 N 95 11 W
Norsworthy 29 45 N 95 12 W
Pasadena 29 43 N 95 13 W
Deepwater 29 44 N 95 14 W
Sinco 29 43 N 95 14 W
Galena Park 29 44 N 95 16 W
Houston 29 45 N 95 20 W

P	Q	Y	G	C	R	B	D	T	A	

Port Bolivar 29 22 N 94 47 W

Sabine Pass
Sabine 29 43 N 93 52 W

P	G	B	T	A						

Port Arthur Canal
Port Arthur 29 52 N 93 55 W

P	Y	G	C	R	B	D	T	A		

Sabine-Neches Canal
Neches River

169B

Atreco 29 59 N 93 53 W
Port Neches 29 59 N 93 56 W
Magpetco 30 02 N 93 59 W
Smith's Bluff 30 00 N 93 59 W
Beaumont 30 05 N 94 06 W

P	Q	Y	G	C	R	B	T	A		

Sabine River
Orange 30 06 N 93 44 W

Q	G	B	D	T	A					

LOUISIANA (LA)

Calcasieu Lake
Calcasieu River
Lake Charles 30 13 N 93 15 W

P	Q	Y	G	C	R	B	T	A		

West Lake 30 14 N 93 15 W
Intracoastal Waterway
Iberia 30 00 N 91 51 W

P	Y	G	C							

169C

Jeanerette 29 54 N 91 40 W
Morgan City 29 42 N 91 13 W

Y	G	C	R	A						

Amelia 29 40 N 91 06 W
Houma 29 35 N 90 43 W
Bourg 29 33 N 90 36 W
Port Fourchon 29 05 N 90 13 W

P	Y	G	A							

LOOP Terminal (Louisiana Offshore Oil Port) 28 53 N 90 02 W

P	B									

River Mississippi
Southwest Pass 28 58 N 89 23 W
South Pass 29 00 N 89 10 W
Port Eads 29 01 N 89 10 W
Pilottown 29 11 N 89 15 W
Boothville 29 20 N 89 25 W
Ostrica 29 22 N 89 31 W
Buras 29 22 N 89 32 W
Empire 29 24 N 89 36 W

169D

Port Sulphur 29 28 N 89 41 W
Magnolia 29 34 N 89 47 W
Davant 29 36 N 89 51 W
Myrtle Grove 29 38 N 89 57 W
Alliance 29 40 N 89 58 W
Belle Chasse 29 51 N 89 59 W
Braithwaite 29 52 N 89 57 W
Violet 29 53 N 89 54 W
Meraux 29 55 N 89 56 W
St. Bernard 29 55 N 89 55 W

Y	G	C								

Chalmette 29 56 N 90 00 W
Michoud 30 00 N 89 55 W
Arabi 29 57 N 90 01 W
New Orleans 29 58 N 90 05 W

P	Q	Y	G	C	R	B	D	T	A	

Gretna 29 55 N 90 04 W
Harvey 29 54 N 90 04 W
Marrero 29 54 N 90 06 W
Amesville 29 54 N 90 07 W
Westwego 29 55 N 90 09 W

170A

Avondale 29 55 N 90 11 W
Waggaman 29 54 N 90 12 W
Ama Anchorage 29 57 N 90 17 W
St. Rose 29 56 N 90 20 W
Destrehan 29 56 N 90 21 W
Good Hope 30 00 N 90 24 W
Norco 29 59 N 90 24 W
South Louisiana 30 06 N 90 29 W

P	Q	Y	G	T	A					

Hahnville 29 58 N 90 25 W
Taft 29 59 N 90 25 W
La Place 30 03 N 90 29 W
Reserve 30 03 N 90 33 W
Garyville 30 03 N 90 37 W
Gramercy 30 03 N 90 41 W
Paulina 30 01 N 90 42 W
St. James 29 59 N 90 49 W
Convent 30 01 N 90 50 W
Burnside 30 08 N 90 55 W

Y										

170B

Darrow 30 06 N 90 58 W
Donaldsonville 30 05 N 91 00 W
Geismar 30 13 N 91 01 W
St. Gabriel 30 15 N 91 06 W
Sunshine 30 16 N 91 07 W
Plaquemine 30 17 N 91 14 W
Port Allen 30 28 N 91 12 W
Baton Rouge 30 28 N 91 11 W

P	Y	G	C	R	A					

Vicksburg 32 20 N 90 53 W
Greenville (MS) 33 25 N 91 04 W
River Arkansas
Muskogee (OK) 35 45 N 95 21 W

P	Y	G	T	A						

Catoosa (OK) 36 11 N 95 46 W

P	Q	Y	G	C	R	A				

Tulsa (OK) 36 07 N 95 58 W
River Mississippi
Memphis (TN) 35 09 N 90 03 W

P	Y	G	A							

170C

River Ohio
Louisville 38 14 N 85 46 W
Jeffersonville (IN) 38 17 N 85 44 W

Y	G	A								

Pittsburgh (PA) 40 26 N 79 58 W

P	Y	G	D	T						

River Mississippi
St. Louis (MO) 38 38 N 90 13 W

MISSISSIPPI (MS)

Bienville 30 13 N 89 35 W
Pass Christian 30 18 N 89 14 W
Gulfport 30 21 N 89 05 W

Y	G	C	B	T	A					

Ship Island 30 13 N 88 58 W
Biloxi 30 24 N 88 54 W
Ocean Springs 30 23 N 88 49 W
Escatawpa 30 26 N 88 32 W
Pascagoula 30 21 N 88 34 W

P	Q	Y	G	R	B	D	T	A		

170D

ALABAMA (AL)

Coden 30 22 N 88 14 W
Mobile 30 41 N 88 03 W

Y	G	C	R	B	D	T	A			

Fort Morgan 30 14 N 88 01 W

FLORIDA (FL)

Pensacola 30 25 N 87 13 W

Q	Y	G	C	R	B	T	A			

St. Andrew Bay
Panama City 30 08 N 85 39 W

P	Y	G	C	R	B	T	A			

St. Joseph Bay
Port St. Joe 29 49 N 85 18 W
Apalachicola River
Apalachicola 29 43 N 84 59 W

171A

Flint River
Bainbridge (GA) 30 54 N 84 37 W

P	Q	Y	G							

Chattahoochee River
Columbus (GA) 32 27 N 84 59 W

P	Q									

Carrabelle 29 51 N 84 40 W
St. Marks 30 09 N 84 12 W
St. Petersburg 27 47 N 82 38 W

G										

Port Tampa 27 52 N 82 33 W
Tampa 27 57 N 82 27 W

P	Q	Y	G	C	B	D	T	A		

Port Manatee 27 30 N 82 33 W

P	Q	Y	G	C	R	B	T	A		

Boca Grande 26 43 N 82 15 W
Pine Island 26 35 N 82 05 W
Tortugas Islands
Tortugas Harbour 24 38 N 82 23 W
Key West 24 33 N 81 48 W

171B

P	Q	B	D	T	A					

Sand Key 24 27 N 81 53 W
Sombrero Key 24 38 N 81 07 W
Miami 25 47 N 80 11 W

G	C	R	B	D	T	A				

Dania 26 03 N 80 09 W
Port Everglades 26 06 N 80 07 W

P	Y	G	C	R	B	T	A			

Fort Lauderdale 26 06 N 80 08 W
West Palm Beach 26 43 N 80 03 W
Palm Beach 26 46 N 80 03 W

P	Q	Y	G	C	R	B	A			

Jupiter 26 55 N 80 06 W
Fort Pierce 27 27 N 80 19 W

G	C	R	B	T	A					

Port Canaveral 28 25 N 80 35 W

P	Q	Y	G	C	R	B	D	T	A	

171C

Cape Canaveral (Cape Kennedy) 28 28 N 80 33 W
Daytona Beach 29 11 N 81 01 W
St. Augustine 29 53 N 81 17 W
St. Johns River
Mayport 30 23 N 81 26 W
Jacksonville 30 23 N 81 38 W

P	Q	Y	G	C	R	B	D	T	A	

Green Cove Springs 29 59 N 81 41 W
Palatka 29 38 N 81 40 W
Fernandina 30 41 N 81 28 W

Y	G	C	T	A						

GEORGIA (GA)

St. Mary's 30 43 N 81 33 W
Kings Bay 30 49 N 81 31 W
Brunswick 31 08 N 81 29 W

P	Q	Y	G	R	B	T				

171D

Darien 31 23 N 81 25 W
Sapelo Island 31 36 N 81 17 W
Savannah River
Savannah 32 05 N 81 05 W

P	Q	Y	G	C	R	B	D	T	A	

Augusta 33 29 N 82 00 W

SOUTH CAROLINA (SC)

Tybee Roads 32 01 N 80 51 W
Port Royal 32 23 N 80 42 W

Q	Y	G	R	B	A					

Beaufort 32 26 N 80 40 W
Charleston 32 47 N 79 56 W

P	Y	G	C	R	B	D	T	A		

Georgetown 33 21 N 79 18 W

Y	R	B	T	A						

P Petroleum **Q** Other Liquid Bulk **Y** Dry Bulk **G** General Cargo
C Containers **R** Ro-Ro **B** Bunkers **D** Dry Dock **T** Towage
A Airport (within 100km)

U.S.A. *continued* 172A

NORTH CAROLINA (NC)

Southport 33 55 N 78 00 W p.58
Cape Fear River
Sunny Point 33 59 N 77 57 W
Wilmington 34 14 N 77 57 W
P Y G C R B T A
Cape Fear 33 50 N 77 58 W
Wrightsville 34 13 N 77 50 W
Morehead City 34 43 N 76 42 W
P Q Y G C R T A
Beaufort 34 43 N 76 39 W
Lookout Bight 34 37 N 76 33 W
Cape Lookout 34 37 N 76 32 W
New Bern 35 06 N 77 02 W
Diamond Shoal Light 35 09 N 75 18 W
Cape Hatteras 35 14 N 75 31 W

BERMUDA (United Kingdom)

St. George's Island p.54/55
St. George's 32 23 N 64 40 W 172B
P Y G R B T A
Main Island
Hamilton 32 18 N 64 47 W
G C R B T A
Ireland Island
Freeport 32 19 N 64 50 W
P Y B T A

U.S.A.

VIRGINIA (VA)

Virginia Beach 36 51 N 75 57 W p.58
Chesapeake Bay
Cape Henry 36 56 N 76 00 W
Lynnhaven Roads 36 56 N 76 05 W
Sewells Point 36 58 N 76 20 W
Hampton Roads 172C
P Q Y G C R B D T A
Elizabeth River
Norfolk 36 51 N 76 19 W
Chesapeake 36 47 N 76 18 W
Portsmouth 36 50 N 76 17 W
James River
Claremont 37 16 N 76 58 W
Hopewell 37 18 N 77 17 W
Richmond 37 32 N 77 26 W
Y G C B T A
Newport News 36 58 N 76 25 W
York River
Yorktown 37 14 N 76 24 W
Potomac River
Piney Point (MD) 38 08 N 76 32 W
Quantico 38 31 N 77 18 W
Alexandria 38 48 N 77 03 W
Washington (DC) 38 53 N 77 01 W

MARYLAND (MD)

Patuxent River 172D
Hog Point 38 18 N 76 24 W
Cove Point 38 23 N 76 23 W
Q
Annapolis 38 59 N 76 29 W
Baltimore 39 17 N 76 35 W
P Q Y G C R B D T A
Sparrows Point 39 13 N 76 30 W
Chesapeake & Delaware Canal
Chesapeake City 39 22 N 75 48 W
Cambridge 38 34 N 76 04 W
Salisbury 38 21 N 75 35 W

VIRGINIA (VA)

Cape Charles 37 16 N 76 01 W

DELAWARE (DE)

Fenwick Island Light 38 27 N 75 03 W
Delaware Bay
Cape Henlopen 38 48 N 75 06 W 173A
Delaware Breakwater 38 49 N 75 06 W
Lewes 38 47 N 75 08 W
Delaware River
Reedy Island 39 30 N 75 34 W
Reedy Point 39 34 N 75 34 W
Delaware City 39 34 N 75 35 W
New Castle 39 40 N 75 34 W
Wilmington 39 45 N 75 30 W
P Q Y G C R B T A
Claymont 39 48 N 75 26 W

PENNSYLVANIA (PA)

Marcus Hook 39 49 N 75 25 W
Chester 39 50 N 75 22 W
Eddystone 39 50 N 75 20 W
Hog Island 39 52 N 75 16 W
Point Breeze 39 55 N 75 12 W
Philadelphia 39 54 N 75 08 W
P Q Y G C R B D T A
Port Richmond 39 58 N 75 07 W 173B
Tullytown 40 08 N 74 49 W
Fairless Hills 40 10 N 74 53 W
Morrisville 40 13 N 74 46 W

NEW JERSEY (NJ)

Trenton 40 11 N 74 45 W
Burlington 40 05 N 74 51 W
Delair 40 00 N 75 02 W
Pensauken 40 00 N 75 03 W
Kaighns Point Anchorage
39 57 N 75 07 W
Camden 39 56 N 75 08 W
Y G C B A
Gloucester 39 53 N 75 08 W
Westville 39 52 N 75 08 W
Mantua Anchorage 39 51 N 75 14 W
Billingsport 39 51 N 75 15 W
Paulsboro 39 50 N 75 15 W
Carneys Point 39 43 N 75 29 W
Salem 39 34 N 75 28 W
Cape May 38 56 N 74 58 W
Five Fathom Bank Light 38 47 N 74 35 W 173C
Atlantic City 39 22 N 74 25 W
Tuckerton 39 36 N 74 20 W
Barnegat 39 46 N 74 06 W
Sandy Hook 40 29 N 74 01 W
Ambrose Channel Light 40 27 N 73 50 W
Raritan River
South Amboy 40 29 N 74 17 W
Sayreville 40 28 N 74 21 W
Perth Amboy 40 30 N 74 16 W
Arthur Kill
Sewaren 40 33 N 74 15 W
Port Reading 40 34 N 74 13 W
Chrome 40 35 N 74 13 W
Carteret 40 36 N 74 13 W
Grasselli 40 37 N 74 12 W
Linden 40 38 N 74 12 W
Bayway 40 39 N 74 12 W
Elizabethport 40 39 N 74 11 W
Port Newark 40 41 N 74 09 W
Kearney 40 43 N 74 07 W
Bayonne 40 39 N 74 05 W

NEW YORK (NY) 173D

Staten Island
Tompkinsville 40 38 N 74 05 W
Stapleton 40 37 N 74 05 W
Tottenville 40 31 N 74 15 W
Port Mobil 40 32 N 74 14 W
Port Ivory 40 38 N 74 12 W
Howland Hook 40 39 N 74 11 W
New York 40 42 N 74 01 W
P Q Y G C R B D T A
Hudson River
Jersey City (NJ) 40 43 N 74 02 W
Hoboken (NJ) 40 45 N 74 02 W
Weehawken (NJ) 40 47 N 74 01 W
Edgewater (NJ) 40 49 N 73 59 W
Stony Point 41 14 N 73 58 W
Tomkins Cove 41 16 N 73 59 W
Newburgh 41 30 N 74 05 W
Roseton 41 34 N 74 00 W
Kingston 41 52 N 73 58 W
Catskill 42 13 N 73 53 W 174A
Coxsackie 42 20 N 73 48 W
Ravena 42 28 N 73 48 W
Albany 42 39 N 73 45 W
P Q Y G R T A
Troy 42 44 N 73 41 W
Rensselaer 42 39 N 73 44 W
Alsen 42 11 N 73 55 W
Cementon 42 08 N 73 55 W
Hyde Park 41 47 N 73 56 W
Poughkeepsie 41 41 N 73 53 W
Milton 41 36 N 73 57 W
Jones Point 41 17 N 73 57 W
Peekskill 41 15 N 73 55 W
Buchanan 41 12 N 73 55 W
Yonkers 40 57 N 73 50 W
East River
Hunts Point 40 48 N 73 52 W
Brooklyn 40 42 N 74 00 W
Long Island
Gravesend Bay 40 36 N 74 00 W
Jamaica Bay 40 36 N 73 54 W
Fire Island Light 40 37 N 73 16 W 174B
Patchogue 40 46 N 73 01 W
Sag Harbour 41 01 N 72 18 W
Riverhead 40 55 N 72 40 W
Greenport 41 06 N 72 21 W
Northville 40 59 N 72 39 W

NEW YORK (NY)

Port Jefferson 40 57 N 73 04 W
P
Northport 40 56 N 73 22 W
P
Oyster Bay 50 53 N 73 31 W
Long Island Sound
City Island 40 51 N 73 47 W
Mamaroneck 40 56 N 73 44 W
Port Chester 40 59 N 73 39 W

CONNECTICUT (CT)

Stamford 41 01 N 73 32 W 174C
Norwalk 41 05 N 73 24 W
Bridgeport 41 09 N 73 11 W
P G T A
New Haven 41 15 N 72 54 W
P Q Y G T A
Clinton 41 16 N 72 32 W
Saybrook 41 17 N 72 22 W
New London 41 24 N 72 06 W
P Q Y G R D T A
Allyns Point 41 26 N 72 04 W
Groton 41 21 N 72 05 W

RHODE ISLAND (RI)

Block Island 41 14 N 71 35 W
Point Judith 41 22 N 71 29 W
Narragansett Bay
Conanicut Island
Jamestown 41 30 N 71 22 W
Quonset 41 35 N 71 24 W 174D
Davisville 41 37 N 71 24 W
Y G C A
Providence 41 48 N 71 23 W
P Q G C R B T A
Warren 41 44 N 71 18 W
Bristol 41 40 N 71 16 W
Melville 41 35 N 71 17 W
Newport 41 29 N 71 20 W
Sakonnet River
Portsmouth 41 36 N 71 14 W
Brayton Point 41 42 N 71 12 W
Somerset (MA) 41 47 N 71 08 W
Fall River (MA) 41 42 N 71 10 W
P Q Y G C R B T A
Tiverton 41 38 N 71 12 W

MASSACHUSETTS (MA) 175A

Buzzards Bay
New Bedford 41 38 N 70 55 W
G B A

Cape Cod Canal (W. Entrance)
41 44 N 70 39 W
Woods Hole 41 31 N 70 40 W
Marthas Vineyard Island
Vineyard Haven 41 27 N 70 36 W
Nantucket Island 41 17 N 70 06 W
Chatham 41 40 N 69 56 W
Cape Cod Light 42 02 N 70 04 W
Race Point 42 04 N 70 15 W
Provincetown 42 03 N 70 11 W
Sesuit Harbour 41 45 N 70 09 W
Sandwich 41 46 N 70 29 W
P

Cape Cod Canal (E. Entrance)
41 47 N 70 30 W
Plymouth 41 57 N 70 40 W
Scituate 42 12 N 70 43 W
Weymouth 42 16 N 70 55 W
Quincy 42 16 N 71 00 W
Boston 42 23 N 71 03 W 175B
P Q Y G C B D T A

Everett 42 24 N 71 03 W
Chelsea 42 23 N 71 02 W
Revere 42 25 N 71 00 W
Lynn 42 25 N 70 56 W
Salem 42 31 N 70 52 W
Beverly 42 33 N 70 53 W
Gloucester 42 37 N 70 40 W
G R B T A

Rockport 42 40 N 70 37 W
Annisquam Harbour 42 40 N 70 41 W
Newburyport 42 49 N 70 52 W

NEW HAMPSHIRE (NH)

Portsmouth 43 04 N 70 42 W
Y G C B A

MAINE (ME) 175C

Portland 43 39 N 70 14 W p.57
P Y G C R B T A

Yarmouth 43 48 N 70 12 W
Bath 43 54 N 69 49 W
Wiscasset 44 00 N 69 40 W
Boothbay 43 50 N 69 39 W
East Boothbay 43 51 N 69 35
South Bristol 43 51 N 69 33 W
Rockland 44 06 N 69 07 W
Rockport 44 09 N 69 04 W
Belfast 44 25 N 69 00 W
Searsport 44 27 N 68 55 W
P Y G B A

Stockton Springs 44 29 N 68 51 W
Penobscot River
Sandy Point 44 31 N 68 49 W
Winterport 44 38 N 68 51 W
Bangor 44 48 N 68 47 W
South Brewer 44 47 N 68 47 W
Bucksport 44 34 N 68 48 W 175D
P T A

Castine 44 23 N 68 50 W
Bar Harbour 44 23 N 68 12 W
Machiasport 44 42 N 67 24 W
Eastport 44 54 N 66 59 W
P Q C R B D

Calais 45 11 N 67 17 W

CANADA

NEW BRUNSWICK

Grand Manan Island
Grand Harbour 44 40 N 66 45 W
Seal Cove 44 36 N 66 52 W
St. Stephen 45 12 N 67 17 W
Bayside 45 10 N 67 08 W
G B

St. Andrews 45 04 N 67 03 W 176A
St. George 45 09 N 66 49 W
L'Etang 45 04 N 66 49 W
Beaver Harbour 45 03 N 66 44 W
Partridge Island 45 14 N 66 03 W
Saint John 45 16 N 66 04 W
P Q Y G C R B T A

Canaport 45 12 N 65 59 W
Quaco Bay
St. Martins 45 21 N 65 32 W
Alma 45 36 N 64 57 W
Herring Cove 45 35 N 64 58 W
Waterside 45 38 N 64 50 W
Harvey 45 42 N 64 43 W
Albert 45 45 N 64 40 W
Petitcodiac River
Hillsborough 45 56 N 64 39 W
Moncton 46 05 N 64 47 W
Memramcook River
Cole Point 45 52 N 64 33 W
Dorchester 45 53 N 64 32 W
Rockport 45 47 N 64 30 W
Sackville 45 53 N 64 21 W 176B

NOVA SCOTIA

Amherst 45 50 N 64 13 W
Joggins 45 42 N 64 27 W
Advocate Harbour 45 19 N 64 47 W
Port Greville 45 24 N 64 33 W
Minas Basin
West Bay 45 22 N 64 21 W
Parrsboro 45 23 N 64 20 W
Economy 45 23 N 63 55 W
Maitland 45 19 N 63 30 W
Noel Bay 45 18 N 63 44 W
Walton 45 14 N 64 01 W
Cheverie 45 10 N 64 11 W
Windsor 45 00 N 64 09 W
Hantsport 45 04 N 64 10 W
Y G B T A

Wolfville 45 06 N 64 22 W
Port Williams 45 06 N 64 24 W
Kingsport 45 10 N 64 22 W
Morden 45 06 N 64 57 W 176C
Margaretsville 45 03 N 65 04 W
Port George 45 00 N 65 09 W
Annapolis Basin
Port Wade 44 40 N 65 43 W
Annapolis Royal 44 45 N 65 31 W
Clementsport 44 39 N 65 37 W
Deep Brook 44 35 N 65 38 W
Bear River 44 37 N 65 41 W
Digby 44 38 N 65 45 W
Tiverton 44 24 N 66 13 W
Brier Island
Westport 44 16 N 66 21 W
St. Mary's Bay
Weymouth 44 27 N 66 01 W
G A

Belliveau Cove 44 24 N 66 03 W
Meteghan 44 12 N 66 10 W
Cape St. Mary 44 05 N 66 13 W
Port Maitland 43 59 N 66 09 W
Yarmouth 43 50 N 66 07 W
Y G C R B A

Chebogue 43 46 N 66 06 W 176D
Abbot Harbour 43 40 N 65 50 W
Pubnico 43 36 N 65 47 W
Clarks Harbour 43 25 N 65 38 W
Cape Sable 43 23 N 65 37 W
Baccaro Point 43 27 N 65 28 W
Port La Tour 43 30 N 65 28 W
Negro Harbour 43 33 N 65 24 W
Shelburne 43 40 N 65 19 W
Lockeport 43 42 N 65 07 W
Port Herbert 43 47 N 64 54 W
Port Joli 43 50 N 64 52 W
Port Mouton 43 54 N 64 49 W
Liverpool 44 03 N 64 43 W
P Y G B D T

Brooklyn 44 03 N 64 41 W
Port Medway 44 08 N 64 34 W
La Have River
La Have 44 17 N 64 21 W
Bridgewater 44 22 N 64 30 W
Riverport 44 17 N 64 20 W

Lunenburg 44 22 N 64 18 W 177A
Y G B

Mahone Bay
Mahone 44 27 N 64 22 W
Gold River 44 33 N 64 19 W
Chester 44 32 N 64 14 W
New Harbour 44 28 N 64 05 W
Ingramport 44 40 N 63 58 W
Prospect 44 28 N 63 47 W
Sambro Harbour 44 29 N 63 36 W
Ketch Harbour 44 29 N 63 33 W
Halifax 44 38 N 63 33 W
P Q Y G C R B D T A

Dartmouth 44 40 N 63 35 W
Eastern Passage 44 36 N 63 29 W
Jeddore 44 43 N 63 00 W
Ship Harbour 44 45 N 62 45 W
Tangier 44 48 N 62 42 W
Spry Harbour 44 50 N 62 35 W
Sheet Harbour 44 51 N 62 27 W
Y G B

Beaver Harbour 44 52 N 62 24 W 177B
Necum Teuch Harbour 44 55 N 62 17 W
Ecum Secum 44 57 N 62 09 W
Liscomb 45 00 N 62 00 W
Sherbrooke 45 09 N 61 59 W
Sonora 45 04 N 61 55 W
Fishermans Harbour 45 07 N 61 41 W
Isaac's Harbour 45 10 N 61 39 W
Country Harbour 45 13 N 61 44 W
Cole Harbour 45 15 N 61 17 W
Cape Canso 45 18 N 60 56 W
Canso Harbour 45 20 N 61 00 W
Chedabucto Bay
Guysborough 45 23 N 61 30 W
Boylston 45 27 N 61 31 W
Mulgrave 45 35 N 61 23 W
Y G

Aulds Cove 45 39 N 61 26 W
Cape Breton Island
Port Hawkesbury 45 37 N 61 21 W
P Y G B

Point Tupper 45 36 N 61 22 W 177C
P Y G

Arichat 45 31 N 61 00 W
St. Peter's 45 39 N 60 52 W
Bras d'Or Lake
West Bay 45 45 N 60 59 W
Iona 45 58 N 60 48 W
Little Narrows 45 59 N 60 59 W
Y

Whycocomagh 45 59 N 61 08 W
Baddeck 46 06 N 60 44 W
Big Harbour 46 10 N 60 25 W
Eskasoni 45 56 N 60 39 W
Soldiers Cove 45 42 N 60 44 W
Louisburg 45 55 N 59 58 W
Cape Breton 45 57 N 59 47 W
Glace Bay 46 12 N 59 57 W
Sydney 46 09 N 60 12 W
P Y G C R B D T A

Point Edward 46 11 N 60 14 W 177D
North Sydney 46 12 N 60 15 W
G R T A

Little Bras d'Or 46 19 N 60 17 W
St. Ann's Harbour 46 15 N 60 36 W
Ingonish 46 38 N 60 25 W
Neil Harbour 46 48 N 60 19 W
Dingwall 46 54 N 60 27 W
Cape North 47 02 N 60 24 W
St. Paul Island 47 11 N 60 10 W
Cape St. Lawrence 47 03 N 60 35 W
Cheticamp 46 38 N 61 01 W
Margaree 46 26 N 61 07 W
Mabou 46 05 N 61 24 W
Port Hood 46 01 N 61 32 W
Judique 45 53 N 61 29 W
Port Hastings 45 39 N 61 24 W
Tracadie Harbour 45 38 N 61 38 W
Bayfield 45 38 N 61 44 W
Antigonish 45 42 N 61 53 W
Merigomish 45 39 N 62 27 W
Trenton 45 37 N 62 38 W
New Glasgow 45 36 N 62 38 W

P Petroleum **Q** Other Liquid Bulk **Y** Dry Bulk **G** General Cargo
C Containers **R** Ro-Ro **B** Bunkers **D** Dry Dock **T** Towage
A Airport (within 100km)

CANADA *continued*

178A

Pictou 45 41 N 62 43 W

G B A

Wallace 45 49 N 63 28 W
Pugwash 45 52 N 63 40 W
Tidnish 46 00 N 64 02 W

PRINCE EDWARD ISLAND

Port Borden 46 15 N 63 42 W
Victoria 46 12 N 63 30 W
Charlottetown 46 13 N 63 07 W

P Y G B A

Cape Bear 46 01 N 62 27 W
Murray Harbour 46 02 N 62 29 W
Montague 46 10 N 62 38 W
Georgetown 46 11 N 62 32 W

G B A

Annandale 46 16 N 62 25 W
Souris 46 21 N 62 15 W

178B

G B A

East Point 46 27 N 61 58 W
St. Peter's Harbour 46 26 N 62 45 W
Savage Harbour 46 25 N 62 50 W
Tracadie 46 25 N 63 03 W
North Rustico 46 27 N 63 17 W
New London 46 31 N 63 29 W
Alberton 46 48 N 64 03 W
Tignish 46 58 N 64 00 W
North Point 47 04 N 63 59 W
West Point 46 37 N 64 23 W
Summerside 46 24 N 63 47 W

G B A

NEW BRUNSWICK

Port Elgin 46 04 N 64 04 W
Cape Tormentine 46 06 N 63 46 W
Shemogue 46 10 N 64 08 W
Pointe du Chene 46 15 N 64 31 W
Shediac 46 14 N 64 32 W
Buctouche 46 29 N 64 41 W

178C

Rexton 46 39 N 64 52 W
Richibucto 46 41 N 64 52 W
Miramichi Bay
Escuminac 47 05 N 64 53 W
River Miramichi
Loggieville 47 05 N 65 23 W
Millbank 47 03 N 65 27 W
Chatham 47 02 N 65 28 W

P Y G B T A

South Nelson 46 59 N 65 33 W
Newcastle 47 00 N 65 33 W

P G B A

Douglastown 47 03 N 65 32 W
Shippegan 47 45 N 64 42 W
Chaleur Bay
Miscou 47 54 N 64 35 W
Caraquet 47 48 N 65 01 W

G B A

Bathurst 47 37 N 65 38 W

178D

G B A

Belledune 47 55 N 65 51 W

P Q Y G R A

New Mills 47 57 N 66 10 W
Dalhousie 48 04 N 66 22 W

P Y G B A

Campbellton 48 01 N 66 40 W

QUEBEC

Cross Point 48 02 N 66 41 W
Carleton 48 06 N 66 08 W
Maria Harbour 48 10 N 65 59 W
New Richmond 48 10 N 65 54 W
Black Cape 48 07 N 65 49 W
Bonaventure 48 02 N 65 29 W
New Carlisle 48 01 N 65 18 W
Paspebiac 48 02 N 65 14 W

P G B T

Hopetown 48 03 N 65 08 W
Port Daniel 48 11 N 64 56 W
Chandler 48 21 N 64 40 W

179A

G B

Perce 48 30 N 64 13 W
Magdalen Islands
Amherst Harbour 47 14 N 61 50 W
Grindstone 47 23 N 61 51 W
Cap aux Meules 47 23 N 61 52 W
Barachois 48 37 N 64 16 W
Douglastown 48 46 N 64 23 W
Gaspe 48 50 N 64 29 W

P G B T A

Anticosti Island
Heath Point 49 05 N 61 42 W
West Point 49 52 N 64 32 W
Ellis Bay
Port Menier 49 49 N 64 21 W
River St. Lawrence
Cape Rosier 48 51 N 64 12 W
Fox River 49 00 N 64 24 W
Fame Point 49 07 N 64 36 W

179B

Petite Vallee 49 13 N 65 02 W
Grande Vallee 49 14 N 65 09 W
Cape Magdalen 49 15 N 65 19 W
Mont Louis 49 14 N 65 44 W
Martin River 49 13 N 66 11 W
Ste. Anne des Monts 49 08 N 66 29 W
Cape Chat 49 05 N 66 45 W
Capucins 49 03 N 66 51 W
Les Mechins 49 01 N 66 59 W
Matane 48 51 N 67 32 W

Y G B

Little Metis 48 41 N 68 02 W
Grande Metis 48 38 N 68 08 W
Pointe au Pere (Father Point)
48 31 N 68 28 W
Rimouski 48 29 N 68 31 W

P G B A

Bic 48 22 N 68 45 W
St. Fabien 48 19 N 68 51 W
Cape Original 48 22 N 68 49 W
Basque Island 48 08 N 69 15 W
Trois Pistoles 48 07 N 69 10 W

179C

Apple Island 48 06 N 69 19 W
Ile Verte 48 03 N 69 25 W
Gros Cacouna 47 56 N 69 31 W

Y G B A

Riviere du Loup 47 51 N 69 34 W
St. Antoine 47 04 N 70 32 W
Montmagny 46 59 N 70 33 W
Berthier 46 57 N 70 44 W
Orleans Island
St. Francois 47 00 N 70 48 W
St. Jean 46 55 N 70 54 W
Ste. Petronille 46 51 N 71 08 W
Lauzon 46 49 N 71 09 W
Levis 46 49 N 71 11 W
St. Romuald 46 45 N 71 14 W
Ste. Croix 46 38 N 71 44 W
Becancour 46 24 N 72 23 W

Q Y G C R B A

Sorel 46 03 N 73 07 W

Y G B D T

Contrecoeur 45 53 N 73 12 W

179D

Y B

St. Lawrence Seaway
St. Lambert Lock 45 30 N 73 31 W
Cote Ste. Catherine Lock
45 24 N 73 34 W
Beauharnois Lock 45 19 N 73 55 W
Valleyfield 45 13 N 74 05 W

P Q Y G B A

U.S.A.

NEW YORK (NY)

Snell Lock 44 59 N 74 46 W
Eisenhower Lock 44 59 N 74 51 W
Waddington 44 51 N 75 12 W
Ogdensburg 44 42 N 75 30 W

Y G B T A

Clayton 44 14 N 76 05 W
Cape Vincent 44 08 N 76 20 W
Tibbetts Point 44 06 N 76 22 W

180A

GREAT LAKES

Lake Ontario p.56
Oswego 43 28 N 76 32 W

P Y G A

Rochester 43 17 N 77 36 W
Lake Erie
Tonawanda 43 01 N 78 53 W
Buffalo 42 53 N 78 53 W

Y B A

PENNSYLVANIA (PA)

Erie 42 10 N 80 05 W

Y G C B A

OHIO (OH)

180B

Conneaut 41 58 N 80 34 W

Y G B T A

Ashtabula 41 55 N 80 49 W

Y G B T A

Fairport 41 46 N 81 19 W
Cleveland 41 31 N 81 43 W

Q Y G C R B T A

Lorain 41 28 N 82 10 W

Y G B T A

Huron 41 24 N 82 35 W

Y G B T A

Sandusky 41 27 N 82 44 W
Marblehead 41 32 N 82 43 W
Toledo 41 42 N 83 28 W

P Q Y G C R B D T A

MICHIGAN (MI)

180C

Monroe 41 55 N 83 20 W

Q Y G A

Detroit River
Wyandotte 42 11 N 83 09 W
Detroit 42 20 N 83 02 W

P Y G C R B T A

St. Clair River
Marine City 42 43 N 82 29 W
St. Clair 42 49 N 82 28 W
Marysville 42 55 N 82 29 W
Port Huron 42 59 N 82 26 W

G T

Lake Huron
Harbor Beach 43 50 N 82 39 W
Port Crescent 44 00 N 83 01 W
Essexville 43 36 N 83 50 W
Bay City 43 35 N 83 53 W
Saginaw 43 27 N 83 55 W

180D

Alpena 45 03 N 83 26 W
Thunder Bay 45 04 N 83 26 W
Rockport 45 12 N 83 23 W
Stoneport 45 17 N 83 26 W
Calcite 45 24 N 83 47 W
Cheboygan 45 40 N 84 28 W
Lake Michigan
Mackinaw City 45 45 N 84 44 W
Charlevoix 45 19 N 85 13 W
Manistee 44 15 N 86 20 W
Ludington 43 58 N 86 27 W
Muskegon 43 11 N 86 14 W
Grand Haven 43 04 N 86 15 W

P G T A

Holland 42 47 N 86 13 W
South Haven 42 27 N 86 15 W
Benton Harbour 42 07 N 86 27 W
St. Joseph 42 05 N 86 30 W

INDIANA (IN) 181A

Burns Harbour 41 38 N 87 11 W

P	Y	G	C	R	B	T	A			

Gary Harbour 41 36 N 87 21 W
Buffington 41 38 N 87 25 W
Indiana Harbour 41 40 N 87 30 W

ILLINOIS (IL)

Chicago 41 50 N 87 38 W

Q	Y	G	C	R	B	T	A			

WISCONSIN (WI)

Kenosha 42 35 N 87 49 W

G	C	R	A							

Racine 42 44 N 87 48 W
Milwaukee 43 03 N 87 52 W

P	Q	Y	G	C	R	B	T	A		

Sheboygan 43 45 N 87 42 W 181B
Manitowoc 44 06 N 87 38 W

Y	G	B	A							

Kewaunee 44 27 N 87 31 W
Sturgeon Bay 44 51 N 87 21 W
Green Bay 44 31 N 88 00 W

P	Q	Y	G	B	T	A				

Marinette 45 07 N 87 37 W

MICHIGAN (MI)

Menominee 45 08 N 87 37 W
Escanaba 45 47 N 87 04 W
Port Inland 45 58 N 85 52 W
Brevort 46 00 N 85 02 W
Lake Huron
Cedarville 45 59 N 84 21 W
Port Dolomite 45 58 N 84 16 W
St. Marys River
Sault Ste. Marie 46 29 N 84 25 W
Lake Superior 181C
Whitefish Point 46 45 N 84 57 W
Marquette 46 36 N 87 23 W
Lake Linden 47 13 N 88 23 W
Ontonagon 46 52 N 89 18 W

WISCONSIN (WI)

Ashland 46 35 N 90 54 W
Bayfield 46 48 N 90 48 W
Superior 46 43 N 92 05 W

MINNESOTA (MN)

Duluth 46 44 N 92 09 W

P	Q	Y	G	C	R	B	D	T	A	

Two Harbors 47 01 N 91 40 W
Silver Bay 47 17 N 91 16 W
Taconite Harbour 47 30 N 90 55 W

CANADA

ONTARIO

Thunder Bay 48 25 N 89 13 W 181D

P	Q	Y	G	C	B	T	A			

Red Rock 48 56 N 88 15 W
Marathon 48 45 N 86 23 W

G	A									

Michipicoten Harbour 47 57 N 84 55 W
St. Marys River
Sault Ste. Marie 46 31 N 84 20 W

P	Y	G	B	T	A					

Lake Huron
Bruce Mines 46 16 N 83 43 W
Thessalon 46 15 N 83 33 W
Manitoulin Island
Meldrum Bay 45 55 N 83 06 W
Gore Bay 45 55 N 82 28 W
Little Current 45 58 N 81 55 W
Sheguiandah 45 53 N 81 57 W
Blind River 46 12 N 82 54 W
Spragge 46 12 N 82 42 W 182A
Killarney 45 58 N 81 31 W
Britt 45 47 N 80 38 W
Parry Sound 45 22 N 80 03 W

P	Y	G	A							

Port McNicoll 44 45 N 79 48 W
Midland 44 45 N 79 56 W

Y	G	B	A							

Penetanguishene 44 46 N 79 56 W
Collingwood 44 30 N 80 14 W

Y	G	D	A							

Meaford 44 38 N 80 37 W
Owen Sound 44 35 N 80 57 W

P	Q	Y	G	A						

Tobermory 45 14 N 81 39 W
Goderich 43 45 N 81 45 W
St. Clair River
Sarnia 42 59 N 82 25 W

P	Y	G	B	T	A					

Corunna 42 53 N 82 27 W 182B
Mooretown 42 51 N 82 28 W
Courtright 42 48 N 82 27 N
Sombra 42 42 N 82 28
Lake St. Clair
Wallaceburg 42 36 N 82 24 W
Detroit River
Windsor 42 19 N 83 03 W

P	Q	Y	G	B	T	A				

Amherstburg 42 06 N 83 05 W

G	A									

Lake Erie
Kingsville 42 03 N 82 44 W
Leamington 42 03 N 82 37 W
Pelee Island 41 45 N 82 40 W
Wheatley42 05 N 82 26 W
Port Stanley 42 40 N 81 13 W
Port Burwell 42 38 N 80 48 W
Port Dover 42 47 N 80 12 W
Nanticoke 42 49 N 80 01 W
Port Maitland 42 52 N 79 35 W 182C
Fort Erie 42 56 N 78 57 W
Welland Canal
Port Colborne 42 52 N 79 15 W

P	Y	G	B	A						

Humberstone 42 54 N 79 15 W
Welland 42 58 N 79 13 W
Thorold 43 05 N 79 10 W

Y	G	B	A							

St. Catharines 43 10 N 79 12 W
Port Weller 43 14 N 79 13 W

Y	G	D	T	A						

Lake Ontario
Port Dalhousie 43 12 N 79 16 W
Hamilton 43 14 N 79 51 W

P	Q	Y	G	B	D					

Burlington 43 19 N 79 45 W
Bronte 43 24 N 79 42 W
Oakville 43 26 N 79 40 W
Clarkson 43 30 N 79 36 W 182D
Port Credit 43 33 N 79 36 W
Toronto 43 38 N 79 23 W

P	Y	G	C	R	B	T	A			

Whitby 43 51 N 78 55 W
Oshawa 43 52 N 78 50 W

Y	G	R	A							

Bowmanville 43 54 N 78 40 W
Port Hope 43 56 N 78 17 W
Cobourg 43 57 N 78 10 W
Colborne 44 00 N 77 53 W
Belleville 44 08 N 77 22 W
Picton 44 00 N 77 08 W
Bath 44 10 N 76 46 W
Kingston 44 12 N 76 30 W
Gananoque 44 19 N 76 10 W
St. Lawrence Seaway p.57
Brockville 44 36 N 75 38 W
Prescott 44 43 N 75 31 W

Y	G	B	T	A						

Cardinal 44 47 N 75 20 W
Iroquois Lock 44 50 N 75 19 W 183A
Morrisburg 44 56 N 75 11 W
Cornwall 45 01 N 74 43 W

P	Q	G	B	T	A					

Long Sault 45 01 N 74 54 W

QUEBEC

River St. Lawrence
Montreal 45 30 N 73 33 W

P	Q	Y	G	C	R	B	T	A		

Sutherland Pier 45 33 N 73 32 W
Pointe aux Trembles 45 38 N 73 29 W
Cap St. Michel 45 43 N 73 26 W
Lanoraie 45 58 N 73 11 W
Tracy 46 01 N 73 10 W
Three Rivers (Trois Rivieres)
46 21 N 72 33 W

P	Q	Y	G	C	R	B	T	A		

Batiscan 46 31 N 72 14 W
Grondines 46 45 N 72 02 W
Pointe au Platon 46 40 N 71 51 W 183B
Donnacona 46 40 N 71 46 W
Quebec 46 49 N 71 12 W

P	Q	Y	G	C	R	B	D	T	A	

Cape Brule 47 07 N 70 43 W
Cape Maillard 47 15 N 70 35 W
Baie St. Paul 47 26 N 70 30 W
Cape Goose 47 29 N 70 14 W
Pointe au Pic 47 37 N 70 08 W

G										

Murray Bay 47 39 N 70 09 W
Port au Saumon 47 45 N 69 57 W
Red Islet 48 04 N 69 33 W
Saguenay River
St. Etienne 48 11 N 69 54 W
St. Jean 48 15 N 70 11 W
Ha Ha Bay
La Baie 48 19 N 70 52 W

P	Q	Y	G	B	T	A				

Port Alfred 48 20 N 70 52 W

P	Q	Y	G	B	T	A				

Bagotville 48 21 N 70 53 W 183C
Grande Anse 48 24 N 70 50 W
Chicoutimi 48 26 N 71 05 W
Tadoussac 48 08 N 69 43 W
Basque Cove 48 19 N 69 25 W
Les Escoumins 48 21 N 69 23 W
Pointe au Boisvert 48 34 N 69 08 W
Portneuf 48 37 N 69 05 W
Forestville 48 48 N 69 04 W
Comeau Bay (Baie Comeau)
49 13 N 68 09 W

Y	G	R	B	A						

St. Nicholas 49 19 N 67 47 W
Godbout 49 19 N 67 35 W
Trinity Bay 49 25 N 67 18 W
Egg Island 49 37 N 67 11 W
Lobster Bay 49 49 N 67 05 W
Port Cartier 50 01 N 66 52 W

P	Y	G	B	T	A					

River Ste. Marguerite
Clarke City 50 12 N 66 38 W 183D
Pointe Noire 50 10 N 66 28 W
Seven Islands (Sept Iles) 50 06 N 66 23 W

P	Y	G	C	R	B	T	A			

Moisie 50 12 N 66 05 W
Mingan 50 17 N 64 01 W
Romaine 50 18 N 63 48 W
Havre St. Pierre 50 14 N 63 36 W

Y	G	B	A							

Baie Johan Beetz 50 17 N 62 48 W
Natashquan 50 12 N 61 51 W
Cape Whittle 50 11 N 60 07 W
Harrington Harbour 50 32 N 59 19 W
Bonne Esperance 51 24 N 57 37 W
Bradore Bay 51 29 N 57 14 W
Greenly Island 51 22 N 57 11 W
Blanc Sablon 51 25 N 57 08 W

P Petroleum **Q** Other Liquid Bulk **Y** Dry Bulk **G** General Cargo
C Containers **R** Ro-Ro **B** Bunkers **D** Dry Dock **T** Towage
A Airport (within 100km)

CANADA *continued*

184A

NEWFOUNDLAND

Pistolet Bay 51 36 N 55 46 W
Flowers Cove 51 17 N 56 45 W
St. Barbe Harbour 51 12 N 56 46 W
St. Genevieve Bay 51 09 N 56 50 W
St. Margaret Bay 51 01 N 56 57 W
Ingornachoix Bay
  Port Saunders 50 38 N 57 19 W
  Hawkes Bay 50 37 N 57 10 W
Mal Bay 50 33 N 57 23 W
Daniels Cove 50 14 N 57 35 W
Bonne Bay
  Rocky Harbour 49 36 N 57 55 W
  Lomond Cove 49 28 N 57 45 W
Bay of Islands
  Cox Cove 49 08 N 58 02 W
  Woods Island 49 06 N 58 10 W
  Humbermouth 48 58 N 57 55 W
  Corner Brook 48 57 N 57 56 W

P	Y	G	C	B	A					

184B

  Curling 48 58 N 57 59 W
  Pleasant Cove 48 58 N 58 01 W
  Lark Harbour 49 06 N 58 21 W
Port au Port Bay
  Aguathuna 48 45 N 58 43 W
Lower Cove 48 31 N 59 06 W
Stephenville 48 31 N 58 32 W

G	B	T	A							

Turf Point 48 26 N 58 28 W
St. George's Harbour 48 27 N 58 29 W
Flat Bay 48 24 N 58 35 W
Codroy 47 53 N 59 24 W
Cape Ray 47 37 N 59 18 W
Port aux Basques 47 34 N 59 07 W

G	B									

Isle aux Morts 47 35 N 59 00 W
Rose Blanche 47 36 N 58 41 W
Barachois 47 35 N 57 45 W
Burgeo 47 36 N 57 37 W
Ramea Island 47 31 N 57 25 W

184C

Rencontre 47 36 N 56 40 W
Hare Bay 47 37 N 56 32 W
Bonne Bay 47 38 N 56 12 W
Pushthrough 47 38 N 56 11 W
Bay d'Espoir
  St. Albans 47 52 N 55 51 W
  Milltown 47 54 N 55 47 W
Hermitage Bay
  Gaultois 47 36 N 55 54 W
  Hermitage Cove 47 34 N 55 56 W
Harbour Breton 47 29 N 55 48 W
Jerseyman Harbour 47 29 N 55 46 W
St. Jacques 47 28 N 55 25 W
Belleoram 47 31 N 55 25 W
Belle Harbour 47 40 N 55 20 W
English Harbour East 47 38 N 54 54 W
Grand Bank 47 06 N 55 45 W

P	G	A								

Fortune 47 04 N 55 50 W

ST. PIERRE and MIQUELON (France)

184D

Miquelon Island
  Miquelon 47 08 N 56 22 W
St. Pierre Island
  St. Pierre 46 49 N 56 10 W

P	G	C	R	D	T	A				

CANADA

NEWFOUNDLAND

Lamaline 46 51 N 55 48 W
Placentia Bay
  St. Lawrence 46 54 N 55 20 W
  Burin 47 02 N 55 10 W
  Mortier Bay 47 10 N 55 07 W
  Marystown 47 10 N 55 09 W

P	G	B	D							

  Rose au Rue 47 32 N 54 09 W
  Whiffen Head 47 46 N 54 01 W

P										

  Come by Chance 47 48 N 54 01 W

185A

P	B	T								

  Harbour Buffet 47 32 N 54 03 W
  Long Harbour 47 27 N 53 49 W

G	B									

  Ship Harbour 47 22 N 53 53 W
  Argentia 47 18 N 53 59 W

Q	G	C	R	B						

  Placentia 47 15 N 53 50 W
St. Marys 46 55 N 53 34 W
Trepassey 46 43 N 53 23 W
Cape Race 46 39 N 53 04 W
Renewse 46 54 N 52 54 W
Fermeuse 46 58 N 52 54 W
Aquafort 47 00 N 52 53 W
Ferryland Harbour 47 01 N 52 51 W
Witless Bay 47 17 N 52 46 W
Bay Bulls 47 18 N 52 44 W
St. John's 47 34 N 52 41 W

P	Y	G	C	R	B	A				

Conception Bay

185B

  Bell Island
    Wabana 47 38 N 52 55 W
  Long Pond 47 31 N 52 58 W

P	Y	G	B	A						

  Holyrood 47 24 N 53 08 W

P	B	A								

  Brigus 47 33 N 53 11 W
  Port de Grave 47 36 N 53 12 W
  Coley's Point 47 35 N 53 15 W
  Bay Roberts 47 34 N 53 13 W
  Harbour Grace 47 41 N 53 13 W
  Carbonear 47 44 N 53 14 W
  Lower Island Cove 48 00 N 52 59 W
  Bay de Verde 48 05 N 52 54 W
Trinity Bay
  Hearts Content 47 53 N 53 23 W
  Dildo 47 34 N 53 34 W
  Tickle Harbour 47 38 N 53 43 W
  Clarenville 48 10 N 53 57 W

185C

  Bonaventure 48 17 N 53 26 W
  Trinity 48 22 N 53 21 W
Catalina Harbour
  Catalina 48 31 N 53 04 W

P	Y	G								

  Port Union 48 30 N 53 05 W
Bonavista 48 39 N 53 07 W
Charlottetown 48 26 N 54 00 W
Port Blandford 48 23 N 54 10 W
Alexander Bay
  Glovertown 48 39 N 54 00 W
Gambo 48 46 N 54 12 W
Butchers Cove 48 50 N 54 00 W
Indian Bay 49 02 N 53 52 W
Greenspond 49 04 N 53 36 W
Musgrave Harbour 49 27 N 53 56 W
Carmanville 49 24 N 54 17 W
Fogo Island
  Fogo Harbour 49 43 N 54 16 W
Change Island
  Change Island Tickle 49 40 N 54 24 W
New World Island
  Herring Neck 49 39 N 54 35 W

185D

Twillingate Island
  Twillingate 49 41 N 54 45 W
Exploits Bay
  Lewisporte 49 15 N 55 03 W
  Botwood 49 09 N 55 19 W

P	Q	Y	G	B	A					

  Badgers Quay 49 00 N 56 04 W
Glover Harbour 49 28 N 55 29 W
Tommy's Arm 49 26 N 55 47 W
Triton Island
  Troytown 49 34 N 55 35 W
Roberts Arm 49 29 N 55 48 W
Hall Bay
  Springdale 49 30 N 56 04 W
Little Bay Island 49 39 N 55 47 W
Burlington 49 46 N 56 01 W
Nippers Harbour 49 48 N 55 51 W
Tilt Cove 49 53 N 55 37 W
Cape St. John 50 00 N 55 30 W
La Scie 49 58 N 55 35 W
Mings Bight 50 00 N 55 59 W
Baie Verte

  Baie Verte 49 56 N 56 12 W
  Coachman Harbour 50 03 N 56 05 W

186A

Fleur de Lys 50 07 N 56 05 W
White Bay
  Hampden 49 33 N 56 50 W
  Sops Arm 49 45 N 56 50 W
  Jacksons Arm 49 51 N 56 45 W
  Williamsport 50 28 N 56 20 W
Canada Bay
  Roddickton 50 52 N 56 07 W
  Englee Harbour 50 43 N 56 07 W
Conche Harbour 50 54 N 55 56 W
Groais Island 50 59 N 55 31 W
Croc Harbour 51 03 N 55 47 W
Hare Bay
  Main Brook 51 11 N 56 01 W
  St. Anthony 51 22 N 55 35 W
Quirpon 51 36 N 55 27 W
Strait of Belle Isle
  Forteau 51 28 N 56 56 W
  Pointe Armour 51 27 N 56 52 W
Belle Isle 51 55 N 55 21 W
Battle Harbour 52 16 N 55 35 W
Fox Harbour 52 20 N 55 40 W

186B

St. Lewis Inlet 52 24 N 56 01 W
Granby Island
  St. Francis Harbour 52 33 N 55 41 W
Alexis Inlet
  Port Hope Simpson 52 33 N 56 18 W
  Occasional Harbour 52 40 N 55 45 W
Venison Tickle 52 58 N 55 46 W
Hawke Harbour 53 02 N 55 48 W
Domino 53 28 N 55 44 W p.50/51
Spotted Island 53 30 N 55 44 W
Cartwright 53 42 N 57 01 W
Hamilton Inlet
  Rigolet 54 11 N 58 25 W
  Goose Bay 53 21 N 60 25 W

P	G	C	R	B	A					

Indian Harbour 54 27 N 57 13 W
Cut-Throat 54 29 N 57 07 W
Cape Harrison 54 56 N 57 56 W
Webeck Harbour 54 52 N 58 02 W
Tuchialic Bay 54 47 N 58 25 W
Adlavik 55 00 N 58 49 W

186C

Makkovik 55 06 N 59 10 W
Hopedale 55 27 N 60 12 W
Ford Harbour 56 27 N 61 11 W
Nain 56 32 N 61 42 W
Hebron 58 12 N 62 36 W
Saglek Bay 58 29 N 62 34 W
Ramah 59 05 N 63 26 W
Cape Chidley 60 23 N 64 26 W

Col. No.	Page No.	
		A
40B	**25**	Aabenraa
23B	**24**	Aagotnes
22B	**24**	Aaheim
		Aaiun, see Laayoune
23D	**24**	Aakra
23D	**24**	Aakrafjord
24A	**24**	Aakrehamn
41A	**25**	Aalborg
24D	**24**	Aalefjaer
22A	**24**	Aalesund
23C	**24**	Aalvik
22A	**24**	Aandalsnes
139B	**14**	Aappilattoq
23A	**24**	Aardalstangen
26C	**24**	Aarebakken
40C	**25**	Aarhus
21D	**24**	Aarnes
40B	**25**	Aarosund
139D	**14**	Aasiaat (Egedesminde)
91C	**37**	Abadan
134D	**48**	Abaiang Island
117B	**45**	Abashiri
		Abbazia, see Opatija
42B	**23**	Abbenfleth
48D	**18**	Abbeville
176D	**57**	Abbot Harbour
131A	**48**	Abbot Point
24C	**24**	Abelsnes
21B	**20**	Abelvaer
134D	**49**	Abemama Island
5C	**17**	Aberaeron
14A	**16**	Aberdeen (Scotland)
144D	**52**	Aberdeen (U.S.A.)
14C	**16**	Aberdour
5C	**17**	Aberdovey
14D	**16**	Aberlady Bay
5D	**17**	Abersoch
5C	**17**	Aberystwyth
80B	**36**	Abidjan
		Abo, see Turku
80D	**36**	Abo Terminal
81B	**36**	Abonnema
120A	**45**	Aboshi
155B	**62**	Abrolhos Islands
90A	**37**	Abu al Bukhoosh Terminal
89D	**37**	Abu Dhabi (Mina Zayed)
91B	**37**	Abu Fulus
87C	**33**	Abu Ghosoun
75B	**28**	Abu Kammash
74C	**33**	Abu Kir
91D	**37**	Abu Musa
88A	**33**	Abu Rudeis
74B	**67**	Abu Sultan
88A	**33**	Abu Zenima
	34	Abuja
106B	**44**	Abulug
123D	**45**	Aburatsu
147D	**59**	Acajutla
159C	**60**	Acandi
147B	**59**	Acapulco
150A	**62**	Acari
80B	**36**	Accra
95B	**40**	Achipur
65C	**32**	Achladi (Akhladhi)
59C	**28**	Acireale
		Acre, see Akko
6C	**17**	Acton Grange
		Ad Dawhah, see Doha
80B	**36**	Ada
87D	**33**	Adabiya
141C	**14**	Adak
141C	**14**	Adak Island
	19	Adda
	35	Addis Ababa
94A	**35**	Addu Atoll
129A	**48**	Adelaide (Port Adelaide)
88D	**35**	Aden
64B	**32**	Adhamas
103C	**43**	Adi Island
		Adirampatnam, see Attirampattinam
186B	**51**	Adlavik
109A	**44**	Adlay
140D	**14**	Admiralty Inlet
142B	**52**	Admiralty Island
126A	**48**	Admiralty Islands
54B	**30**	Adra
72C	**33**	Adrazan
138D	**14**	Advent Bay
157B	**62**	Adventure
176B	**57**	Advocate Harbour
39D	**25**	Aebelo
63D	**32**	Aegina (Aiyina)
63D	**32**	Aegina (Aiyina) Island
63B	**29**	Aegion
27C	**24**	Aelvenaes
39C	**25**	Aero
39C	**25**	Aeroskobing
	35	Afghanistan
141D	**50**	Afognak
141D	**50**	Afognak Island
76C	**30**	Afrau
156B	**62**	Afua
77A	**34**	Agadir
124B	**48**	Agana
	19	Agat
21C	**24**	Agdenes
41C	**25**	Aggersund
66C	**29**	Agigea
64A	**32**	Agioi Theodoroi
24D	**24**	Agnefest
27B	**25**	Agnesberg
136C	**14**	Agnevo
30C	**24**	Ago
58C	**28**	Agropoli
54B	**30**	Agua Amarga
93B	**40**	Aguada
162B	**61**	Aguadilla
148C	**60**	Aguadulce
184B	**57**	Aguathuna
54B	**30**	Aguilas
162C	**61**	Aguirre
72C	**33**	Agva
126D	**48**	Ahioma
88D	**35**	Ahmadi
135B	**49**	Ahukini Landing
134B	**49**	Ahurei
28B	**25**	Ahus
91C	**37**	Ahvaz
34A	**26**	Ahvenkoski
64D	**32**	Aigialli
87D	**33**	Ain Sukhna Terminal
35D	**26**	Ainazi
123B	**45**	Ainoura
120A	**45**	Aioi
128A	**48**	Airlie Island
128A	**48**	Airlie Island Terminal
126B	**48**	Aitape
134A	**49**	Aitutaki Island
		Aiyina Island, see Aegina Island
		Aiyina, see Aegina
56C	**31**	Ajaccio
152B	**63**	Ajax Bay
75B	**28**	Ajim
118D	**45**	Ajisu
89D	**37**	Ajman
32B	**26**	Ajos
132B	**48**	Akaroa
120B	**45**	Akashi
81B	**36**	Akassa
70A	**29**	Akcaabat
71C	**32**	Akcay
42C	**23**	Aken
		Akhladhi, see Achladi
137B	**14**	Akhomten Bay
69C	**29**	Akhtari
68D	**27**	Akhtubinsk
118A	**45**	Akita
119B	**45**	Akitsu
117D	**45**	Akkeshi
73D	**33**	Akko (Acre)
119D	**45**	Ako
19A	**20**	Akranes
73A	**33**	Akrotiri
69A	**27**	Aktau
167C	**60**	Akumal
141B	**14**	Akun Island
18C	**20**	Akureyri
141B	**14**	Akutan
141B	**14**	Akutan Island
		Akyab, see Sittwe
91B	**37**	Al Basra Terminal (Mina al Bakr Terminal)
		Al Faw, see Fao
76C	**30**	Al Hoceima (Alhucemas)
		Al Hudaydah, see Hodeidah
90C	**37**	Al Khobar
		Al Kuwayt, see Kuwait
		Al Luhayyah, see Luhaiya
	37	Al Manamah
76C	**30**	Al Mediq
90A	**37**	Al Mosaffah
		Al Mukha, see Mokha
90B	**37**	Al Rayyan Terminal
90B	**37**	Al Shaheen Terminal
88B	**33**	Al Wajh
30C	**24**	Ala
170D	**54**	Alabama (AL)
146A	**53**	Alameda
33A	**26**	Aland Islands
92D	**40**	Alang
72D	**33**	Alanya
		Alappuzha, see Alleppey
141A	**50**	Alaska (AK)
	19	Alba
62C	**29**	Albania
128C	**48**	Albany (Australia)
174A	**58**	Albany (U.S.A.)
176A	**57**	Albert
47B	**22**	Albert Canal
178B	**57**	Alberton
45A	**22**	Alblasserdam
53C	**30**	Albufeira
	19	Albuskjell
55B	**28**	Alcanar
107C	**44**	Alcoy
55A	**28**	Alcudia
16D	**17**	Alde, River
16D	**17**	Aldeburgh
3A	**18**	Alderney
136C	**14**	Aleksandrovsk-Sakhalinskiy
141B	**14**	Aleutian Islands
185C	**57**	Alexander Bay
74C	**33**	Alexandria (Egypt)
172C	**58**	Alexandria (U.S.A.)
66A	**32**	Alexandroupolis
186B	**57**	Alexis Inlet
126B	**48**	Alexishafen
55B	**28**	Alfaques
54A	**30**	Algeciras
		Alger, see Algiers
75D	**28**	Algeria
57A	**31**	Alghero
76A	**28**	Algiers (Alger)
84D	**35**	Algoa Bay
32C	**26**	Alholmen
		Alhucemas, see Al Hoceima
71C	**32**	Aliaga
103B	**43**	Aliambata
93A	**40**	Alibag
54C	**28**	Alicante
65B	**32**	Aliveri
44A	**22**	Alkmaar
125B	**48**	Allardyce Harbour
93D	**40**	Alleppey (Alappuzha)
169D	**54**	Alliance
163D	**60**	Alligator Pond
38A	**25**	Allinge
14C	**16**	Alloa
139B	**14**	Alluitsup Paa (Sydproven)
174C	**58**	Allyns Point
176A	**57**	Alma
44A	**22**	Almelo
44A	**22**	Almere-Haven
54B	**30**	Almeria
166C	**60**	Almirante
54B	**30**	Almunecar
29B	**25**	Almvik
31C	**24**	Alne
15A	**16**	Alnmouth
30D	**24**	Alno Island
134A	**49**	Alofi
96C	**41**	Alor Setar
126D	**48**	Alotau
180D	**56**	Alpena
44C	**22**	Alphen aan den Rijn
40A	**25**	Als (Denmark)
41A	**25**	Als (Jutland)
174A	**58**	Alsen
21A	**20**	Alstahaug
20A	**21**	Alta
19D	**21**	Altafjord
168C	**59**	Altamira
147B	**59**	Altata
54C	**28**	Altea
42A	**65**	Altenbruch Roads
156C	**62**	Alter do Chao
16B	**16**	Althorpe Wharf
71C	**32**	Altinoluk
42C	**23**	Altona
64C	**32**	Altsi
87A	**35**	Alula
156A	**62**	Alumar
168B	**59**	Alvarado
	19	Alwyn North
63B	**29**	Alyssos
170A	**54**	Ama Anchorage
120B	**45**	Amagasaki
38C	**25**	Amager Island
104A	**43**	Amahai
141B	**50**	Amak Bight
141B	**50**	Amak Island
123C	**45**	Amakusashima
27B	**24**	Amal
58C	**31**	Amalfi
65C	**32**	Amaliapolis
103C	**43**	Amamapare
124A	**45**	Amami Island
147D	**60**	Amapala
70C	**29**	Amasra
156B	**62**	Amazon, River
66B	**32**	Ambarli
81D	**36**	Ambas Bay
64A	**32**	Ambelaki
64A	**32**	Ambelaki Bay
167C	**60**	Ambergris Cay
51C	**30**	Ambes
136C	**14**	Ambetsu
		Amble, see Warkworth
85D	**35**	Amboanio
104B	**43**	Ambon
104B	**43**	Ambon Island
83D	**34**	Ambriz
		Ambrizete, see N'zeto
173C	**58**	Ambrose Channel Light
141C	**14**	Amchitka Island
137D	**14**	Amderma
57C	**31**	Ameglia
45A	**22**	Ameide
43D	**22**	Ameland
169C	**54**	Amelia
133D	**49**	American Samoa
169D	**54**	Amesville
	19	Amethyst
63A	**29**	Amfilochia
136A	**39**	Amgu
176B	**57**	Amherst (Canada)
96A	**41**	Amherst (Myanmar)
179A	**57**	Amherst Harbour
182B	**56**	Amherstburg
69B	**27**	Amirabad
5D	**17**	Amlwch Terminal
	29	Amman
139A	**14**	Ammassalik (Tasiilaq)
139A	**14**	Ammassalik (Tasiilaq) Island
64D	**32**	Amorgos Island
104C	**43**	Ampana
		Ampenan, see Lembar
42A	**23**	Amrum Island
44B	**22**	Amsterdam
151D	**11**	Amsterdam Island
44C	**22**	Amsterdam-Rhine Canal
158C	**61**	Amuay Bay
136D	**14**	Amur River
105A	**43**	Amurang
113B	**47**	An Ping
110A	**41**	An Thoi
144B	**52**	Anacortes
70D	**32**	Anadolukavagi
137C	**14**	Anadyr
137B	**14**	Anadyrskiy Bay
108A	**44**	Anakan
85D	**35**	Analalava
72D	**33**	Anamur
122C	**45**	Anan
69C	**29**	Anapa
141D	**50**	Anchorage
149D	**62**	Ancon
60C	**31**	Ancona
151B	**63**	Ancud
96A	**40**	Andaman and Nicobar Islands
96A	**40**	Andaman Islands
20B	**21**	Andenes
46A	**20**	Andernach
141B	**14**	Anderson Bay
6C	**17**	Anderton
86A	**35**	Andevoranto
21A	**21**	Andfiskaa
72C	**32**	Andifli
63B	**29**	Andikiron Bay
	28	Andorra
	30	Andorra La Vella
163A	**61**	Andres
163A	**61**	Andres Bay
	19	Andrew
		Andropov, see Rybinsk
166A	**60**	Andros Island (Bahamas)
65A	**32**	Andros Island (Greece)
93D	**40**	Androth Island
80C	**36**	Anecho (Little Popo)
133A	**48**	Aneityum Island
125D	**48**	Anewa Bay
124C	**48**	Angaur
28A	**25**	Angelholm
5B	**17**	Angle Bay
5D	**17**	Anglesey
	19	Anglia

Col. No.	Page No.	
83C	**36**	Ango Ango
85A	**35**	Angoche
83C	**34**	Angola
83B	**36**	Angola (Cabinda Province)
77B	**34**	Angra do Heroismo
155A	**64**	Angra dos Reis
161D	**61**	Anguilla
40D	**25**	Anholt
136B	**39**	Aniva
136B	**39**	Aniva Bay
93A	**40**	Anjanvel
85B	**35**	Anjouan Island
	28	Ankara
30D	**24**	Ankarsvik
85C	**35**	Ankify
37A	**25**	Anklam
	19	Ann
75D	**28**	Annaba
7D	**17**	Annalong
10A	**17**	Annan
178A	**57**	Annandale
172D	**58**	Annapolis
176C	**57**	Annapolis Basin
176C	**57**	Annapolis Royal
35A	**9**	Annenskiy Most
142D	**52**	Annette Island
175B	**58**	Annisquam Harbour
164A	**60**	Annotto Bay
97C	**41**	Anoa Terminal
114D	**47**	Anqing
163B	**60**	Anse d'Hainault
14B	**16**	Anstruther
86A	**35**	Antalaha
72C	**33**	Antalya
81C	**36**	Antan Terminal
	35	Antananarivo
151D	**15**	Antarctica
56B	**31**	Antibes
179A	**57**	Anticosti Island
48D	**18**	Antifer
177D	**57**	Antigonish
161B	**61**	Antigua
161B	**61**	Antigua and Barbuda
165C	**60**	Antilla
145D	**53**	Antioch
132B	**12**	Antipodes Islands
150C	**63**	Antofagasta
		Antonina, see Barao de Teffe
32D	**26**	Antora
86A	**35**	Antsiranana
47B	**22**	Antwerp (Antwerpen)
136C	**14**	Anuchena
101D	**42**	Anyer
142D	**52**	Anyox
76D	**34**	Anza
58A	**28**	Anzio
125A	**48**	Aola Bay
117D	**45**	Aomori
114A	**47**	Aoshan Terminal
113A	**47**	Aotou
112D	**38**	Ap Lei Chau
170D	**54**	Apalachicola
170D	**54**	Apalachicola River
80D	**36**	Apapa
106B	**44**	Aparri
67B	**29**	Apatin
133D	**49**	Apia
157B	**62**	Apoera
74D	**29**	Apollonia
43C	**22**	Appingedam
179C	**57**	Apple Island
12A	**16**	Applecross
4C	**17**	Appledore
124B	**48**	Apra
69C	**27**	Apsheronskiy Port
139A	**14**	Aputiteq
88B	**33**	Aqaba
185A	**57**	Aquafort
163B	**61**	Aquin
29B	**25**	Ar
		Ar Ruays, see Ruwais
169D	**54**	Arabi
155C	**62**	Aracaju
155D	**62**	Aracati
9C	**17**	Aran Islands
121A	**45**	Arari
155C	**62**	Aratu
126A	**48**	Arawe Harbour
63C	**29**	Araxos
158A	**61**	Araya
56D	**28**	Arbatax
		Arbe Island, see Rab Island
		Arbe, see Rab
29D	**24**	Arboga
	19	Arbroath (North Sea Terminals)
14A	**16**	Arbroath (Scotland)
51C	**30**	Arcachon
138B	**21**	Archangel (Arkhangelsk)
131A	**48**	Archer Point
127A	**48**	Archer River
11B	**16**	Ardbeg
13D	**16**	Ardersier
7D	**17**	Ardglass
11A	**16**	Ardrishaig
129A	**48**	Ardrossan (Australia)
10B	**16**	Ardrossan (Scotland)
11A	**16**	Ardyne Point
162B	**61**	Arecibo
155D	**62**	Areia Branca
25A	**24**	Arendal
185A	**57**	Argentia
152B	**63**	Argentina
63A	**29**	Argostoli
77D	**34**	Arguineguin
30B	**24**	Arholma
150B	**62**	Arica
177C	**57**	Arichat
120C	**45**	Arida
28A	**25**	Arildslage
102B	**42**	Arjuna Terminal
170B	**54**	Arkansas, River
		Arkhangelsk, see Archangel
8B	**17**	Arklow
29C	**24**	Arkosund
166D	**60**	Arlen Siu (Rama)
55D	**31**	Arles
	27	Armenia
148B	**60**	Armuelles
31B	**24**	Arnas
45A	**22**	Arnhem
30D	**24**	Arno
160D	**61**	Arnos Vale
30D	**24**	Arnoviken
52D	**30**	Arosa Bay
155A	**64**	Arraial do Cabo
77C	**34**	Arrecife
162D	**61**	Arroyo Barril (Puerto Duarte)
153B	**64**	Arroyo Seco
164D	**60**	Arroyos Anchorage
51A	**30**	Ars
30A	**24**	Arstadalshamnen
73A	**33**	Arsuz
173C	**58**	Arthur Kill
100D	**42**	Aru Bay
103C	**43**	Aru Islands
159C	**61**	Aruba
		Arun, see Blang Lancang
134A	**49**	Arutunga
27B	**24**	Arvika
73C	**33**	Arwad (Rouad) Island
90A	**37**	Arzanah Island
76B	**28**	Arzew
41A	**25**	Asaa
101A	**42**	Asahan, River
91D	**37**	Asaluyeh Terminal
133D	**49**	Asau
30C	**24**	Asbacka
151B	**63**	Ascension Island (Chile)
84A	**34**	Ascension Island (St. Helena and Dependencies)
46B	**20**	Aschaffenburg
		Aseb, see Assab
89A	**35**	Ash Shihr Terminal
74A	**33**	Ashdod
74A	**33**	Ashkelon
	11	Ashkhabad
181C	**56**	Ashland
180B	**56**	Ashtabula
75B	**28**	Ashtart Terminal
107B	**44**	Asia
57B	**31**	Asinara Island
27D	**24**	Askersund
31B	**24**	Askja
22D	**24**	Askvoll
	35	Asmara
39A	**25**	Asnaesvaerkets Havn
63B	**29**	Aspra Spitia
64A	**32**	Aspropyrgos
32D	**26**	Aspskar
87B	**35**	Assab (Aseb)
40A	**25**	Assens
80B	**36**	Assinie
86B	**35**	Assumption Island
63A	**29**	Astakos
	12	Astana
69C	**27**	Astara
52A	**30**	Astillero
145B	**52**	Astoria
86B	**35**	Astove Island
68C	**27**	Astrakhan
126B	**48**	Astrolabe Bay
153D	**64**	Asuncion
25B	**24**	Asvall
149A	**62**	Atacames
134C	**49**	Atafu Island
65B	**32**	Atalantis Bay
103B	**43**	Atapupu
72C	**33**	Atbuku
	29	Athens
150A	**62**	Atico
106B	**44**	Atimonan
141B	**14**	Atka
141B	**14**	Atka Island
173C	**58**	Atlantic City
169B	**54**	Atreco
120D	**45**	Atsumi
94B	**40**	Attirampattinam (Adirampatnam)
33B	**26**	Attu
141C	**14**	Attu Island
153A	**64**	Atucha
131D	**49**	Auckland
132B	**12**	Auckland Islands
50B	**18**	Audierne
37D	**65**	Audorf
	19	Audrey
9B	**17**	Aughinish Island
59C	**28**	Augusta (Italy)
171D	**55**	Augusta (U.S.A.)
40B	**25**	Augustenborg
13B	**19**	Auk
125A	**48**	Auki
22A	**24**	Aukra
177B	**57**	Aulds Cove
12A	**16**	Aultbea
50C	**18**	Auray
138D	**14**	Austervag
23B	**24**	Austevoll
134B	**49**	Australes (Tubuai) Islands
127A	**48**	Australia
	28	Austria
163B	**61**	Aux Cayes
137B	**14**	Avachinskaya Bay
24A	**24**	Avaldsnes
134A	**49**	Avarua
134A	**49**	Avatiu
53A	**28**	Aveiro
40A	**25**	Avernako
146B	**53**	Avila
52B	**30**	Aviles
59C	**28**	Avola
145D	**53**	Avon
4D	**17**	Avon, River
170A	**54**	Avondale
4D	**17**	Avonmouth
49C	**18**	Avranches
120B	**45**	Awajishima
48A	**22**	Axel Sassing
32A	**26**	Axelsvik
80B	**36**	Axim
30C	**24**	Axmar
30C	**24**	Axmarbruk
53C	**30**	Ayamonte
136D	**14**	Ayan
70C	**29**	Ayancik
72D	**33**	Ayas
72D	**33**	Aydincik
95D	**41**	Ayeyarwady River
64C	**32**	Ayia Galini
63D	**32**	Ayia Marina (Aegina)
65C	**32**	Ayia Marina (Greece)
72A	**32**	Ayia Marina (Leros)
65A	**32**	Ayias Annas
65B	**32**	Ayios Ioannis Theologos
65C	**32**	Ayios Konstantinos
64C	**32**	Ayios Nikolaos (Crete)
65A	**32**	Ayios Nikolaos (Kea)
10B	**17**	Ayr
107C	**44**	Ayungon
71C	**32**	Ayvalik
		Az Zarqa Island, see Zirku Island
75A	**28**	Az Zawiyah
69B	**27**	Azerbaijan
35B	**26**	Azeri
93C	**40**	Azhikal
77A	**34**	Azores
70B	**29**	Azot
68C	**29**	Azov
163B	**61**	Azua (Puerto Tortuguero)
76A	**28**	Azzeffoun

B

Col. No.	Page No.	
111A	**41**	Ba Ngoi
110C	**41**	Ba Vi Terminal
47D	**22**	Baasrode
84A	**34**	Baba
103D	**43**	Babo
69B	**27**	Babol Sar
132D	**48**	Babouillat
137A	**39**	Babushkino
105A	**44**	Babuyan
104B	**43**	Bacan Island
176D	**57**	Baccaro Point
110D	**41**	Bach Ho Terminal
159A	**61**	Bachaquero
31D	**26**	Backfors
28A	**25**	Backviken
107C	**44**	Bacolod
107B	**44**	Bacong
	19	Bacton
93C	**40**	Badagara
80D	**36**	Badagri
55B	**31**	Badalona
103B	**43**	Badas
177C	**57**	Baddeck
185D	**57**	Badgers Quay
106C	**44**	Badoc
115A	**47**	Badong
140C	**51**	Baffin Island
79D	**36**	Baffu Bay
70B	**29**	Bafra
68C	**27**	Bagaevskaya
96D	**41**	Bagan Datoh
101A	**42**	Bagan Si Api Api
39C	**25**	Bagenkop
	35	Baghdad
58D	**28**	Bagnara Calabra
58B	**31**	Bagnoli
183C	**57**	Bagotville
165D	**60**	Bahamas
99D	**42**	Bahaur
152D	**63**	Bahia Blanca
149A	**62**	Bahia de Caraquez
146C	**53**	Bahia de Todos Santos
148B	**60**	Bahia del Rincon
165A	**60**	Bahia Honda
147A	**59**	Bahia Kino
151A	**63**	Bahia Mansa
147D	**60**	Bahia San Lorenzo
148C	**62**	Bahia Solano
90B	**37**	Bahrain
90C	**37**	Bahrain Island
58B	**31**	Baia
84A	**34**	Baia dos Tigres
		Baie Comeau, see Comeau Bay
132D	**48**	Baie de Pam
183D	**57**	Baie Johan Beetz
183B	**57**	Baie St. Paul
132D	**48**	Baie Ugue
185D	**57**	Baie Verte
171A	**54**	Bainbridge (GA)
107C	**44**	Bais
153C	**64**	Bajada Grande
159A	**61**	Bajo Grande
81B	**36**	Bakana
98D	**42**	Bakapit
61C	**31**	Bakar
138B	**21**	Bakaritsa
135A	**49**	Baker Island
140C	**51**	Baker Lake
18B	**20**	Bakkafjordur
69C	**27**	Baku
69A	**27**	Balakhna
68D	**27**	Balakovo
107D	**44**	Balamban
148D	**62**	Balao Terminal
55D	**31**	Balaruc
166C	**68**	Balboa
141C	**50**	Balboa Bay
8A	**17**	Balbriggan
66C	**29**	Balchik
	19	Balder
54D	**28**	Balearic Islands
106B	**44**	Baler
22D	**24**	Balestrand
22D	**24**	Balholm
103A	**42**	Bali Island
99C	**42**	Balikpapan
108B	**44**	Balingasag
127C	**48**	Balla Balla
20C	**21**	Ballangen
10B	**17**	Ballantrae
129A	**48**	Ballast Head
40A	**25**	Ballen

Col. No.	Page No.	
130C	48	Ballina (Australia)
9C	17	Ballina (Republic of Ireland)
8C	17	Ballinacurra
20C	20	Ballstad
7C	17	Ballycastle
9A	17	Ballylongford
7D	17	Ballylumford
7D	17	Ballymartin
9D	17	Ballyshannon
7D	17	Ballywalter
	19	Balmoral
105D	44	Balogo
102B	42	Balongan Terminal
20A	21	Balsfjord
29D	24	Balsta
13B	16	Baltasound
8D	17	Baltimore (Republic of Ireland)
172D	58	Baltimore (U.S.A.)
36B	26	Baltiysk
43B	22	Baltrum
	34	Bamako
143C	52	Bamberton
25B	24	Bamble
134D	48	Banaba (Ocean Island)
83C	36	Banana
107A	44	Banate
104A	43	Banda Island
92A	37	Bandar Abbas
69B	27	Bandar Anzali
69B	27	Bandar Gaz
91C	37	Bandar Imam Khomeini (Bandar Shahpour)
91D	37	Bandar Lengeh (Lingah)
91C	37	Bandar Mahshahr
98B	43	Bandar Seri Begawan
92A	37	Bandar Shahid Bahonar
92A	37	Bandar Shahid Rejaie
		Bandar Shahpour, see Bandar Imam Khomeini
91D	37	Bandar Taheri
69B	27	Bandar Torkeman
39B	25	Bandholm
79A	36	Bandiala, River
71B	32	Bandirma
145B	50	Bandon
8D	17	Bandon, River
165C	60	Banes
13D	16	Banff
109C	41	Bang Pakong
104C	43	Banggai
104C	43	Banggai Island
101D	42	Bangka Island
102C	42	Bangkalan
109C	41	Bangkok
95C	40	Bangladesh
7D	17	Bangor (Northern Ireland)
175C	57	Bangor (U.S.A.)
6A	17	Bangor (Wales)
144C	52	Bangor Wharf
21B	20	Bangsund
	34	Bangui
106C	44	Bani
73C	33	Banias (Baniyas)
99D	42	Banjarmasin
79A	36	Banjul
93A	40	Bankot
8B	17	Bannow Bay
102A	42	Banten
8D	17	Bantry
8D	17	Bantry Bay
101C	42	Banyu Asin, River
		Banyuwangi, see Tanjung Wangi
114B	47	Baoshan
62C	29	Bar
175D	57	Bar Harbour
6B	17	Bar Light
		Baraawe, see Brava
179A	57	Barachois
165D	60	Baracoa
163B	61	Barahona
98B	43	Baram
142C	52	Baranof Island
154D	64	Barao de Teffe (Antonina)
160D	61	Barbados
53D	30	Barbate
135B	49	Barbers Point
169A	54	Barbours Cut
161C	61	Barbuda
159D	61	Barcadera
11C	16	Barcaldine
156B	62	Barcarena
55C	31	Barcares de Saint Laurent
55B	31	Barcelona (Spain)
158B	61	Barcelona (Venezuela)
43A	23	Bardenfleth
74D	29	Bardia
5D	17	Bardsey Island
138D	14	Barents Island
138A	14	Barents Sea
138D	14	Barentsburg
49C	18	Barfleur
37B	25	Barhoft
60A	29	Bari
1A	17	Barking
60B	29	Barletta
5C	17	Barmouth
154D	64	Barnabe Island
173C	58	Barnegat
166B	60	Barnett Harbour
4C	17	Barnstaple
81A	36	Baro
125B	48	Barora
33C	26	Barosund
	19	Barque
166D	60	Barra Colorado
147B	59	Barra de Navidad
83D	34	Barra do Dande
		Barra do Riacho, see Portocel
155C	62	Barra dos Coqueiros
12A	16	Barra Island
153C	64	Barranqueras
159B	60	Barranquilla
53B	28	Barreiro
79B	36	Barro
141A	50	Barrow
127D	48	Barrow Island
128A	48	Barrow Island Terminal
16B	16	Barrow on Humber
7A	17	Barrow-in-Furness
5A	17	Barry
130A	48	Barry Beach
5A	17	Barry Island
28A	25	Barsebackshamn
31B	24	Barstahamn
37B	25	Barth
157B	62	Bartica
70C	29	Bartin
142B	52	Bartlett Cove
85A	35	Bartolomeu Dias
6D	17	Barton
16B	16	Barton on Humber
100C	42	Barus
95A	40	Baruva
83A	36	Bas Kouilou
106B	44	Basco
87B	35	Bashayer Terminal
109A	44	Basilan Island
71A	32	Basiskele
28B	25	Baskemolla
46C	20	Basle
183C	57	Basque Cove
179B	57	Basque Island
91B	37	Basrah
4A	17	Bass Point
50D	30	Basse Indre
161B	61	Basse Terre
51C	30	Bassens
161C	61	Basseterre
27D	25	Bastad
56B	31	Bastia
111D	41	Basuo (Dongfang)
82B	36	Bata
105C	44	Bataan
164D	60	Batabano
71A	32	Batak Burnu
106B	44	Batan Island
105C	44	Batangas
182D	56	Bath (Canada)
47B	22	Bath (Netherlands)
175C	57	Bath (U.S.A.)
178D	57	Bathurst
140D	14	Bathurst Island
183A	57	Batiscan
170B	54	Baton Rouge
19C	21	Batsfjord
32A	26	Batskarsnas
94B	40	Batticaloa
186A	57	Battle Harbour
17B	17	Battlesbridge
101B	42	Batu Ampar
109A	44	Batu Batu
100B	42	Batu Island
99D	42	Batu Licin
97A	41	Batu Pahat
104D	43	Batui
70A	29	Batumi (Batum)
31D	26	Batvik
105C	44	Bauan
104D	43	Baubau
48B	22	Baudouin Canal
69A	27	Bautino
91C	37	Bavardeh
16D	17	Bawdsey
102C	42	Bawean Island
185A	57	Bay Bulls
180C	56	Bay City
185B	57	Bay de Verde
184C	57	Bay d'Espoir
184A	57	Bay of Islands
155C	62	Bay of Todos os Santos
13A	16	Bay of Ulsta
185B	57	Bay Roberts
107A	44	Bayang Point
107A	44	Baybay
177D	57	Bayfield (Canada)
181C	56	Bayfield (U.S.A.)
51D	30	Bayonne (France)
173C	58	Bayonne (U.S.A.)
168D	54	Bayport
175D	57	Bayside
169A	54	Baytown
115D	46	Bayuquan
173C	58	Bayway
67A	29	Bazias
129B	48	Beachport
2A	17	Beachy Head
128A	48	Beadon
9B	17	Beagh Castle
9A	17	Bear Haven
138D	14	Bear Island (Bjornoya)
176C	57	Bear River
13C	16	Beatrice Terminal
171D	55	Beaufort
179D	57	Beauharnois Lock
56B	31	Beaulieu
6A	17	Beaumaris
169B	54	Beaumont
129C	48	Beauty Point
143D	52	Beaver Cove
176A	57	Beaver Harbour
179C	57	Becancour
16B	16	Beckingham
2B	17	Bedhampton
92C	40	Bedi
1C	17	Bee Ness
120B	45	Befu
42A	65	Beidenfleth
111D	41	Beihai
112B	46	Beijiao
	46	Beijing (Peking)
114A	47	Beilun
85A	35	Beira
73D	33	Beirut (Beyrouth)
76A	28	Bejaia
99C	42	Bekapai Terminal
69A	27	Bekdash
23C	24	Bekkjarvik
97C	41	Belanak Terminal
104C	43	Belang
	27	Belarus
		Belau, see Palau
100D	42	Belawan
93B	40	Belekeri
156B	62	Belem (Brazil)
53B	28	Belem (Portugal)
7D	17	Belfast (Northern Ireland)
175C	57	Belfast (U.S.A.)
7D	17	Belfast Lough
46C	22	Belfeld
47B	22	Belgium
67C	29	Belgorod-Dnestrovskiy
67B	29	Belgrade (Beograd)
61C	31	Beli
126C	48	Beli Beli
97C	41	Belida Terminal
101D	42	Belinyu
101D	42	Belitung Island
167B	60	Belize
167C	60	Belize City
129C	48	Bell Bay
185B	57	Bell Island
143A	52	Bella Coola
169D	54	Belle Chasse
184C	57	Belle Harbour
50C	18	Belle Ile
186A	57	Belle Isle
178D	57	Belledune
184C	57	Belleoram
182D	56	Belleville
144B	52	Bellingham
176C	57	Belliveau Cove
	60	Belmopan
85B	35	Belmore
9C	17	Belmullet
138B	21	Belomorsk
157A	62	Belwaarde
35A	9	Belyy Ruchey
2C	17	Bembridge
110B	41	Ben Nghe
111B	41	Ben Thuy
12B	16	Benbecula
109C	41	Benchamas Terminal
46A	20	Bendorf
74D	29	Benghazi
101A	42	Bengkalis
100B	42	Bengkulu
84A	34	Benguela
76B	28	Beni Saf
55B	28	Benicarlo
145C	53	Benicia
80C	36	Benin (Benin)
	19	Benin (North Sea Terminals)
80D	36	Benin River
156D	62	Benjamim Constant
103C	43	Benjina
81A	36	Bennett Island
103A	42	Benoa
50B	18	Benodet
43B	22	Bensersiel
180D	56	Benton Harbour
79C	36	Benty
81A	36	Benue, River
		Beograd, see Belgrade
124A	45	Beppu
160D	61	Bequia Island
99B	42	Berau, River
87A	35	Berbera
157B	62	Berbice, River
68B	29	Berdiansk
87C	35	Berenice
68D	27	Berezniki
45A	22	Bergambacht
162D	61	Bergantin (Dominican Republic)
158B	61	Bergantin (Venezuela)
23B	24	Bergen
47A	22	Bergen-op-Zoom
31B	24	Berghamn
28C	25	Bergkvara
31B	24	Bergkvistviken
20B	21	Bergneset
33C	26	Bergo Island
20A	21	Bergsfjord
31D	26	Bergsviken
43D	22	Bergum
137B	14	Beringovskiy
44A	22	Berkel Twente Canal
146A	53	Berkeley
53B	28	Berlenga Island
19C	21	Berlevaag
	20	Berlin
51D	30	Bermeo
172A	55	Bermuda
	28	Berne
3C	17	Berry Head
166A	60	Berry Islands
179C	57	Berthier
134D	49	Beru Island
49A	18	Berville sur Mer
15A	16	Berwick-upon-Tweed
13B	19	Beryl
	19	Beryl A
	19	Beryl B
141A	50	Bethel
76B	28	Bethioua
134D	48	Betio
93B	40	Betul
175B	58	Beverly
44B	22	Beverwijk
66B	32	Beyolgu
93C	40	Beypore
		Beyrouth, see Beirut
67B	29	Bezdam
93A	40	Bhagwati Bunder
92D	40	Bhavnagar
95A	40	Bheemunipatnam
	38	Bhutan
103D	43	Biak
103D	43	Biak Island
51D	30	Biarritz
97D	42	Biawak
179B	57	Bic
4C	17	Bideford
170C	54	Bienville
167C	60	Big Creek
177C	57	Big Harbour
79B	36	Bigene
79B	36	Bijagos Islands
62C	29	Bijela
52A	30	Bilbao
18D	20	Bildudalur
19D	21	Billefjord

Col. No.	Page No.	
15C	**16**	Billingham
173B	**58**	Billingsport
170C	**54**	Biloxi
103A	**43**	Bima
81D	**36**	Bimbia River
166A	**60**	Bimini Islands
98A	**42**	Binatang
127B	**48**	Bing Bong
46A	**20**	Bingen
110C	**41**	Binh Duong
110A	**41**	Binh Tri
49D	**18**	Binic
79B	**36**	Binta
101B	**42**	Bintan Island
100B	**42**	Bintuhan
98A	**42**	Bintulu
82B	**36**	Bioko Island
104D	**43**	Biringkassi
6B	**17**	Birkenhead
	11	Bishkek
4B	**17**	Bishop Rock
108D	**44**	Bislig
108D	**44**	Bislig Bay
125D	**48**	Bismarck Archipelago
79B	**36**	Bissau
74B	**67**	Bitter Lakes
104C	**43**	Bitung
75D	**31**	Bizerta
23A	**24**	Bjordal
32C	**26**	Bjorkholmssund
31A	**24**	Bjorknas
32D	**26**	Bjorkskaren
23C	**24**	Bjornefjord
		Bjornoya, see Bear Island
21B	**24**	Bjugn
31C	**26**	Bjuroklubb
41D	**25**	Blaavand
178D	**57**	Black Cape
9C	**17**	Black Head
163D	**60**	Black River
69C	**29**	Black Sea (Russia)
66B	**29**	Black Sea (Turkey)
146D	**59**	Black Warrior Lagoon
6D	**17**	Blackpool
9C	**17**	Blacksod
9C	**17**	Blacksod Bay
17B	**17**	Blackwater, River
144B	**52**	Blaine
183D	**57**	Blanc Sablon
125C	**48**	Blanche Harbour
50A	**18**	Blanc-Sablons
55B	**31**	Blanes
100D	**42**	Blang Lancang (Arun)
29B	**25**	Blankaholm
48B	**22**	Blankenberge
42C	**23**	Blankenese
29B	**25**	Blase
51B	**30**	Blaye
42D	**23**	Blexen
181D	**56**	Blind River
174C	**58**	Block Island
18C	**20**	Blonduos
161D	**61**	Blowing Point
163D	**60**	Bluefields (Jamaica)
166D	**60**	Bluefields (Nicaragua)
132A	**48**	Bluff
132A	**48**	Bluff Harbour
43A	**23**	Blumenthal
15A	**16**	Blyth
78C	**34**	Boa Vista Island
85D	**35**	Boanamary
105A	**44**	Boayan Island
32D	**26**	Bobergshamn
163A	**61**	Boca Chica
164D	**60**	Boca Grande (Cuba)
171A	**55**	Boca Grande (U.S.A.)
157D	**61**	Boca Grande Terminal
166D	**60**	Bocas del Toro
29A	**25**	Boda
145C	**53**	Bodega Harbour
20D	**21**	Bodo
72B	**32**	Bodrum
73B	**33**	Bogaz
20C	**21**	Bogen
40A	**25**	Bogense
107D	**44**	Bogo
	62	Bogota
99A	**42**	Bohayan Island
107D	**44**	Bohol Island
27B	**25**	Bohus
42C	**23**	Boizenburg
79C	**36**	Boke
62A	**29**	Bol
79B	**36**	Bolama
35D	**26**	Bolderaya
25C	**24**	Bole
106C	**44**	Bolinao
26B	**24**	Bolingshavn
	62	Bolivia
31A	**24**	Bollsta
45A	**22**	Bolnes
135D	**39**	Bolshoy Kamen
3C	**17**	Bolt Head
18D	**20**	Bolungavik
83C	**36**	Boma
		Bombay, see Mumbai
23D	**24**	Bomlo
82A	**36**	Bonaberi
160A	**61**	Bonaire Island
53D	**30**	Bonanza
178D	**57**	Bonaventure
185C	**57**	Bonavista
11C	**16**	Bonawe
14D	**16**	Bo'ness (Borrowstounness)
110B	**41**	Bong Sen
105B	**44**	Bongabong
109A	**44**	Bongao
109B	**41**	Bongkot Terminal
56C	**31**	Bonifacio
46A	**22**	Bonn
184A	**57**	Bonne Bay (Newfoundland, S. coast)
184C	**57**	Bonne Bay (Newfoundland, W. coast)
183D	**57**	Bonne Esperance
49B	**18**	Bonneuil
49B	**18**	Bonnieres
81B	**36**	Bonny
81B	**36**	Bonny River
81B	**36**	Bonny Terminal
99B	**42**	Bontang
104D	**43**	Bonthain
79D	**36**	Bonthe
47D	**22**	Boom
		Boosaaso, see Bosaso
175C	**57**	Boothbay
169C	**54**	Boothville
164C	**60**	Boqueron
134A	**49**	Bora Bora
158C	**61**	Borburata
51C	**30**	Bordeaux
18D	**20**	Bordeyri
57B	**31**	Bordighera
17D	**20**	Bordoy
60C	**31**	Boretto
26B	**24**	Borg Harbour
19A	**20**	Borgarnes
25C	**24**	Borgestad
28D	**25**	Borgholm
24A	**24**	Borgoen
73C	**33**	Borj Islam
20B	**21**	Borkenes
43B	**22**	Borkum
	42	Borneo
38A	**25**	Bornholm
106D	**44**	Borongan
		Borrowstounness, see Bo'ness
47B	**22**	Borssele
28A	**25**	Borstahusen
5C	**17**	Borth
116B	**46**	Boryoung
87A	**35**	Bosaso (Boosaaso)
4C	**17**	Boscastle
2B	**17**	Bosham
136D	**14**	Boshnyakova
21A	**21**	Bosmo
	29	Bosnia-Herzegovina
70C	**32**	Bosporus (E. coast)
66B	**32**	Bosporus (W. coast)
20A	**21**	Bossekop
16C	**17**	Boston (England)
175B	**58**	Boston (U.S.A.)
130B	**48**	Botany Bay
	34	Botswana
185D	**57**	Botwood
75B	**28**	Bou Grara
80A	**36**	Boubele
51C	**30**	Boucau
125D	**48**	Bougainville Island
132C	**48**	Boulari
15A	**16**	Boulmer
48C	**18**	Boulogne
	19	Boulton
132B	**49**	Bounty Islands
132D	**48**	Bourail
169C	**54**	Bourg
66C	**32**	Bourgas (Burgas)
75A	**28**	Bouri Terminal
2D	**17**	Bournemouth
26D	**24**	Bovallstrand
130D	**48**	Bowen
10D	**16**	Bowling
151D	**15**	Bowman Island
182D	**56**	Bowmanville
11B	**16**	Bowmore
177B	**57**	Boylston
8A	**17**	Boyne, River
71B	**32**	Bozcaada
62A	**29**	Brac Island
183D	**57**	Bradore Bay
17B	**17**	Bradwell
145B	**52**	Bradwood
	19	Brae
	19	Brae East
	19	Brae West
14C	**16**	Braefoot Bay
138D	**14**	Braganza Bay
	19	Brage
67A	**29**	Braila
169D	**54**	Braithwaite
42D	**23**	Brake
31D	**26**	Brannfors
102C	**42**	Branta
28B	**25**	Brantevik
30C	**24**	Branthalls Redd
177C	**57**	Bras d'Or Lake
	62	Brasilia
81B	**36**	Brass
81B	**36**	Brass River
81B	**36**	Brass Terminal
67B	**29**	Bratislava
86D	**35**	Brava (Baraawe)
78C	**34**	Brava Island
29C	**24**	Braviken
8B	**17**	Bray
174D	**58**	Brayton Point
154B	**64**	Brazil
168D	**54**	Brazos River
	34	Brazzaville
67B	**29**	Brcko
128C	**48**	Breaksea Island
	19	Bream
31C	**24**	Bredskar
31C	**24**	Bredvik
18A	**20**	Breidhdalsvik
37D	**65**	Breiholz
21B	**24**	Brekstad
22C	**24**	Bremanger
43A	**23**	Bremen
42D	**23**	Bremerhaven
144C	**52**	Bremerton
13B	**19**	Brent
48B	**22**	Breskens
13A	**16**	Bressay
50B	**18**	Brest
20C	**21**	Brettesnes
156B	**62**	Breves
25C	**24**	Brevik
25B	**24**	Brevikfjord
181B	**56**	Brevort
174C	**58**	Bridgeport
160D	**61**	Bridgetown
176D	**57**	Bridgewater
4D	**17**	Bridgwater
15C	**17**	Bridlington
3B	**17**	Bridport
46C	**22**	Brielle
176C	**57**	Brier Island
17A	**17**	Brightlingsea
2B	**17**	Brighton (England)
160B	**61**	Brighton (Trinidad and Tobago)
50A	**18**	Brignogan
185B	**57**	Brigus
61B	**31**	Brijuni
61B	**31**	Brijuni Island
60A	**29**	Brindisi
130C	**48**	Brisbane
	19	Brisling
4D	**17**	Bristol (England)
174D	**58**	Bristol (U.S.A.)
141A	**50**	Bristol Bay
	19	Britannia
144A	**52**	Britannia Beach
152A	**15**	British Antarctic Territory
142D	**52**	British Columbia
94A	**35**	British Indian Ocean Territory
161D	**61**	British Virgin Islands
5B	**17**	Briton Ferry
182A	**56**	Britt
3B	**17**	Brixham
62B	**29**	Brna
9C	**17**	Broadhaven
182D	**57**	Brockville
11B	**16**	Brodick
26D	**24**	Brofjorden
46A	**20**	Brohl
33C	**26**	Bromarv
6B	**17**	Bromborough
21A	**20**	Bronnoysund
182C	**56**	Bronte
105B	**44**	Brooke's Point
145B	**50**	Brookings
176D	**57**	Brooklyn (Canada)
174A	**58**	Brooklyn (U.S.A.)
127C	**48**	Broome
15D	**16**	Brough
14B	**16**	Broughty Ferry
46D	**22**	Brouwershaven
168C	**54**	Brownsville
	19	Bruce
181D	**56**	Bruce Mines
48B	**22**	Bruges (Brugge)
11B	**16**	Bruichladdich
46D	**22**	Bruinisse
98B	**43**	Brunei
98B	**43**	Brunei Bay
42A	**65**	Brunsbuttel
42B	**23**	Brunshausen
171C	**55**	Brunswick
34D	**26**	Brusnichnoye
47D	**22**	Brussels (Bruxelles)
47D	**22**	Brussels Maritime Canal
22C	**24**	Bryggja
101A	**42**	Buatan
79B	**36**	Buba
79B	**36**	Bubaque
13B	**19**	Buchan
14A	**16**	Buchan Ness
79D	**36**	Buchanan (Liberia)
174A	**58**	Buchanan (U.S.A.)
	29	Bucharest
14C	**16**	Buckhaven
13D	**16**	Buckie
	19	Buckland
		Buckner Bay, see Nakagusuku Bay
175D	**57**	Bucksport
178C	**57**	Buctouche
21D	**24**	Bud
67B	**29**	Budapest
18B	**20**	Budareyri
61B	**31**	Budava
4C	**17**	Bude
95B	**40**	Budge Budge
18A	**20**	Budir
62C	**29**	Budva
148C	**62**	Buenaventura
153A	**64**	Buenos Aires
165B	**60**	Bufadero
164A	**60**	Buff Bay
180A	**56**	Buffalo
127C	**48**	Buffalo Terminal
181A	**56**	Buffington
67C	**29**	Bugaz
108B	**44**	Bugo
138A	**14**	Bugrino
44B	**22**	Buitenhuizen
	35	Bujumbura
125D	**48**	Buka
125D	**48**	Buka Island
		Bukpyung, see Donghae
20A	**21**	Bukta
104A	**43**	Bula
105D	**44**	Bulan
107B	**44**	Bulata
103A	**42**	Buleleng
66B	**29**	Bulgaria
104A	**43**	Buli
159D	**61**	Bullen Bay
130B	**48**	Bulli
104C	**43**	Bumbulan
126C	**48**	Buna
9D	**17**	Bunbeg
128B	**48**	Bunbury
9D	**17**	Buncrana
130D	**48**	Bundaberg
29B	**25**	Bungenas
11B	**16**	Bunnahabhainn Bay
104C	**43**	Bunta
105A	**43**	Buol
169C	**54**	Buras
47C	**22**	Burcht
31D	**26**	Burea
52B	**30**	Burela
137B	**39**	Burevestnik
37D	**65**	Burg
		Burgas, see Bourgas
184B	**57**	Burgeo
13D	**16**	Burghead
37C	**25**	Burgstaaken
29A	**25**	Burgsvik
71C	**32**	Burhaniye

Col. No.	Page No.	
184D	57	Burin
	34	Burkina Faso
185D	57	Burlington (Newfoundland)
182C	56	Burlington (Ontario)
173B	58	Burlington (U.S.A.)
		Burma, see Myanmar
4D	17	Burnham
17B	17	Burnham on Crouch
129C	48	Burnie
181A	56	Burns Harbour
170A	54	Burnside
14C	16	Burntisland
20A	21	Buroysund
12C	16	Burray
55A	28	Burriana
5B	17	Burry Port
16A	16	Burton upon Stather
9D	17	Burtonport
104A	43	Buru Island
	35	Burundi
81A	36	Burutu
116D	46	Busan (Pusan)
91D	37	Bushire (Bushehr)
107B	44	Buson
128B	48	Busselton
105B	44	Busuanga Island
42A	65	Busum
134D	48	Butaritari Island
185C	57	Butchers Cove
36B	26	Butinge Terminal
12B	16	Butt of Lewis
17A	17	Butterman's Bay
96C	41	Butterworth
108A	44	Butuan
42B	23	Butzfleth
21C	24	Buvika
66B	32	Buyuk Cekmece
66B	32	Buyukdere
155A	64	Buzios
175A	58	Buzzards Bay
22D	24	Bygstad
31D	26	Byske

C

Col. No.	Page No.	
110D	41	Ca Na
108A	44	Cabadbaran
165A	60	Cabanas
155D	62	Cabedelo
159A	61	Cabimas
83B	36	Cabinda
149B	62	Cabo Blanco
53B	28	Cabo Carvoeiro
164C	60	Cabo Cruz
53B	28	Cabo da Roca
54B	30	Cabo de Gata
54C	28	Cabo de la Nao
54C	28	Cabo de las Huertas
54C	28	Cabo de Palos
52B	30	Cabo de Penas
53B	30	Cabo de Sao Vicente
55B	28	Cabo de Tortosa
53B	28	Cabo Espichel
155A	64	Cabo Frio
151C	63	Cabo Negro
163B	61	Cabo Rojo
82B	36	Cabo San Juan
146D	59	Cabo San Lucas
76C	30	Cabo Tres Forcas
52C	30	Cabo Villano
130C	48	Caboolture
77C	34	Cabras
54D	28	Cabrera Island
157D	61	Cabruta
79B	36	Cacheu
79B	36	Cacheu, River
79B	36	Cacine
79B	36	Cacine, River
83B	36	Cacongo (Landana)
6C	17	Cadishead
107C	44	Cadiz (Philippines)
53D	30	Cadiz (Spain)
105A	44	Cadlao Terminal
49C	18	Caen
5D	17	Caernarfon
108B	44	Cagayan de Oro
106B	44	Cagayan River
107D	44	Cagdianao
56D	28	Cagliari
9A	17	Cahirciveen
8B	17	Cahore Point
111C	41	Cai Lan
165B	60	Caibarien
165D	61	Caicos Islands
164C	60	Caimanera
79B	36	Caio Island
10B	17	Cairnryan
131A	48	Cairns
	35	Cairo
16C	17	Caister (England)
	19	Caister (North Sea Terminals)
81C	36	Calabar
81C	36	Calabar River
105C	44	Calaca
48C	18	Calais (France)
175D	57	Calais (U.S.A.)
105B	44	Calamian Islands
57D	31	Calamita
100C	42	Calang
105B	44	Calapan
67A	29	Calarasi
106D	44	Calbayog
151A	63	Calbuco
169B	54	Calcasieu Lake
169B	54	Calcasieu River
180D	56	Calcite
		Calcutta, see Kolkata
150C	63	Caldera (Chile)
148A	60	Caldera (Costa Rica)
108C	44	Caldera Bay
150C	63	Calderilla
5B	17	Caldy Island
13D	16	Caledonian Canal (N. Entrance)
11C	16	Caledonian Canal (S. Entrance)
150C	63	Caleta Barquito
151C	63	Caleta Clarencia
150C	63	Caleta Coloso
152C	63	Caleta Cordova
150B	63	Caleta Michilla
152C	63	Caleta Olivares
152C	63	Caleta Olivia
150B	62	Caleta Patache
150B	62	Caleta Patillos
152C	63	Caleta Paula
149A	13	Caleta Tagus
150B	62	Caleta Toyos
167D	60	Calica
		Calicut, see Kozhikode
145C	50	California (CA)
		Calingapatnam, see Kalingapatnam
	19	Callantsoog
149D	62	Callao
130C	48	Caloundra Head
2D	17	Calshot Light Vessel
56C	31	Calvi
111C	41	Cam Pha
111C	41	Cam River
71D	32	Camalti
155C	62	Camamu
50B	18	Camaret
52C	30	Camarinas
152C	63	Camarones
110A	41	Cambodia
172D	58	Cambridge
173B	58	Camden
4B	17	Camel, River
	19	Camelot
81D	36	Cameroon
107D	44	Camiguin Island
53A	28	Caminha
70C	29	Camli
156A	62	Camocim
57C	31	Camogli
164C	60	Campachuela
153A	64	Campana
132B	12	Campbell Island
143D	52	Campbell River
178D	57	Campbellton
11B	17	Campbeltown
168A	59	Campeche
155C	62	Campinho
102C	42	Camplong
82A	36	Campo
155A	64	Campos
107C	44	Campuyo
110D	41	Cam-Ranh Bay
110A	41	Can Tho
140A	50	Canada (Arctic)
175D	57	Canada (Atlantic)
181C	56	Canada (Great Lakes)
184D	57	Canada (Newfoundland)
142D	52	Canada (Pacific)
186A	57	Canada Bay
71B	32	Canakkale
		Canal di Leme, see Limski Canal
132C	48	Canala
165C	60	Cananova
176A	57	Canaport
77C	34	Canary Islands
	47	Canberra
49D	18	Cancale
167D	60	Cancun
87A	35	Candala
71C	32	Candarli
64D	32	Canea (Khania)
52D	30	Cangas
77C	34	Canical
12C	16	Canisbay
79B	36	Canjaja
93C	40	Cannanore (Kanur)
56B	31	Cannes
58D	28	Canneto
177B	57	Canso Harbour
16D	17	Cantley
134D	49	Canton (Kanton) Island
		Canton, see Guangzhou
83D	34	Canuku Terminal
1B	17	Canvey Island
37B	25	Cap Arkona
179A	57	Cap aux Meules
78B	34	Cap Blanc
75C	31	Cap Bon
75D	28	Cap Bougaroni
56B	31	Cap Corse
48D	18	Cap d'Antifer
49C	18	Cap de la Hague
75C	31	Cap Farina
51C	30	Cap Ferret
48C	18	Cap Gris Nez
163C	61	Cap Haitien
82D	36	Cap Lopez
56C	31	Cap Pertusato
		Cap St. Jacques, see Vung Tau
183A	57	Cap St. Michel
75D	28	Cap Serrat
163B	60	Cap Tiburon
78D	36	Cap Vert
106A	44	Capalonga
84C	34	Cape Agulhas
66A	32	Cape Akrotiri
85C	35	Cape Amber
136B	39	Cape Aniva
57A	31	Cape Argentiera
59D	29	Cape Armi
178A	57	Cape Bear
138D	14	Cape Bessels
145B	50	Cape Blanco
129A	48	Cape Borda
137C	14	Cape Borkhaya
127C	48	Cape Bougainville
177C	57	Cape Breton
177B	57	Cape Breton Island
131D	48	Cape Brett
139A	14	Cape Brewster
183B	57	Cape Brule
171C	55	Cape Canaveral (Cape Kennedy)
177B	57	Cape Canso
56D	28	Cape Carbonara
172D	58	Cape Charles
179B	57	Cape Chat
137D	14	Cape Chelyuskina
186C	51	Cape Chidley
137C	14	Cape Chukochi
80B	36	Cape Coast
175A	58	Cape Cod Canal (E. Entrance)
175A	58	Cape Cod Canal (W. Entrance)
175A	58	Cape Cod Light
59D	29	Cape Colonne
93D	40	Cape Comorin
4B	17	Cape Cornwall
85A	35	Cape Correntes
148C	62	Cape Corrientes (Colombia)
147B	59	Cape Corrientes (Mexico)
126C	48	Cape Cretin
84B	34	Cape Cross
128A	48	Cape Cuvier
85B	35	Cape Delgado
144D	52	Cape Disappointment
140C	51	Cape Dorset
162D	61	Cape Engano
139B	14	Cape Farewell (Greenland)
132A	48	Cape Farewell (New Zealand)
172A	58	Cape Fear
172A	58	Cape Fear River
52C	30	Cape Finisterre
138D	14	Cape Fishburn
131A	48	Cape Flattery (Australia)
144D	52	Cape Flattery (U.S.A.)
140C	51	Cape Fullerton
126A	48	Cape Gloucester
183B	57	Cape Goose
		Cape Guardafui, see Ras Asir
186B	51	Cape Harrison
172A	58	Cape Hatteras
173A	58	Cape Henlopen
172B	58	Cape Henry
151D	63	Cape Horn
126A	48	Cape Hoskins
162D	61	Cape Isabela
129B	48	Cape Jaffa
129B	48	Cape Jervis
77A	34	Cape Juby
66C	29	Cape Kaliakra
138A	21	Cape Kanin
		Cape Kennedy, see Cape Canaveral
62D	29	Cape Kopraina
136B	39	Cape Krilon
64A	32	Cape Kynosoura
127D	48	Cape Lambert
141B	14	Cape Lazaref
128C	48	Cape Leeuwin
141A	50	Cape Lisburne
127C	48	Cape Londonderry
172A	58	Cape Lookout
137A	14	Cape Lopatka
179B	57	Cape Magdalen
183B	57	Cape Maillard
63D	32	Cape Maleas
		Cape Matapan, see Cape Tainaron
173B	58	Cape May
66A	32	Cape Mehmetcik
145C	50	Cape Mendocino
140D	51	Cape Mercy
130C	48	Cape Moreton
57B	31	Cape Mortola
79D	36	Cape Mount
128C	48	Cape Naturaliste
137B	14	Cape Navarin
129B	48	Cape Nelson
177D	57	Cape North
129B	48	Cape Northumberland
84C	34	Cape of Good Hope
179B	57	Cape Original
138C	21	Cape Orlov-Terskiy
129B	48	Cape Otway
80A	36	Cape Palmas
59B	28	Cape Passero
151C	63	Cape Pilar
69D	29	Cape Pitsunda
84C	34	Cape Point
132A	48	Cape Providence
185A	57	Cape Race
184B	57	Cape Ray
84D	35	Cape Recife
179A	57	Cape Rosier
176D	57	Cape Sable
185D	57	Cape St. John
177D	57	Cape St. Lawrence
176C	57	Cape St. Mary
152D	63	Cape San Antonio
137C	14	Cape Shelagskiy
137C	14	Cape Shmidta
79D	36	Cape Sierra Leone
126D	48	Cape Siri
76C	30	Cape Spartel
59D	29	Cape Spartivento (Italy, S. coast)
57A	28	Cape Spartivento (Sardinia)
128D	48	Cape Spencer (Australia)
142B	52	Cape Spencer (U.S.A.)
126C	48	Cape Sudest
125A	48	Cape Surville
63C	32	Cape Tainaron (Cape Matapan)
141B	14	Cape Tanak
56D	31	Cape Testa
178B	57	Cape Tormentine
84C	34	Cape Town
53D	30	Cape Trafalgar
137C	14	Cape Uellen
127B	48	Cape Van Diemen
126C	48	Cape Varieta
78B	34	Cape Verde
180A	57	Cape Vincent
152B	63	Cape Virgenes
72B	32	Cape Vronti
127B	48	Cape Wessel
183D	57	Cape Whittle
129A	48	Cape Willoughby

Col. No.	Page No.	
12B	16	Cape Wrath
127A	48	Cape York
45A	22	Capelle aan den Yssel
156B	62	Capim Island
146B	53	Capitan
		Capiz, see Roxas
		Capodistria, see Koper
58C	31	Capri Island
	19	Captain
179B	57	Capucins
83D	34	Capulo
159C	60	Capurgana
96B	40	Car Nicobar
79A	36	Carabane
	62	Caracas
160A	61	Caracas Bay
163C	61	Caracol
108D	44	Caraga
52D	30	Caraminal
178C	57	Caraquet
155B	62	Caravellas
185B	57	Carbonear
54B	30	Carboneras
11D	16	Carbost
153C	64	Carcarana, River
165A	60	Cardenas
5A	17	Cardiff
5C	17	Cardigan
182D	57	Cardinal
160B	61	Carenage Bay
49C	18	Carentan
52C	30	Carino
157D	61	Caripito
106C	44	Carlatan
178D	57	Carleton
8A	17	Carlingford
8A	17	Carlingford Lough
57A	28	Carloforte
185C	57	Carmanville
5B	17	Carmarthen
168A	59	Carmen Island
128B	48	Carnarvon
173B	58	Carneys Point
7C	17	Carnlough
14B	16	Carnoustie
8B	17	Carnsore Point
55D	31	Caronte
146B	53	Carpinteria
171A	54	Carrabelle
5D	17	Carreg-y-Llam
7D	17	Carrickfergus
52D	30	Carril
150C	63	Carrizal Bajo
10C	16	Cart, River
159C	60	Cartagena (Colombia)
107B	44	Cartagena (Philippines)
54C	28	Cartagena (Spain)
49C	18	Carteret (France)
173C	58	Carteret (U.S.A.)
186B	51	Cartwright
158A	61	Carupano
76D	34	Casablanca
79A	36	Casamance, River
132C	48	Cascade Bay
53B	28	Cascais
151D	15	Casey
151D	15	Casey Bay
106B	44	Casiguran
164D	60	Casilda
66D	29	Caslita
149C	62	Casma
69A	27	Caspian Sea
3A	18	Casquets
56A	31	Cassis
105C	44	Castanas
166B	60	Castaway Cay
59A	28	Castellammare del Golfo
58C	31	Castellammare di Stabia
55B	28	Castellon
165A	60	Castillo del Morro
175D	57	Castine
142C	52	Castle Island
12B	16	Castlebay
7B	17	Castletown
9A	17	Castletownbere
8D	17	Castletownsend
161A	61	Castries
151B	63	Castro
52A	30	Castro Urdiales
52B	30	Castropol
110C	41	Cat Lai
70C	29	Catalagzi
185C	57	Catalina
185C	57	Catalina Harbour
105D	44	Catanauan
106A	44	Catanduanes Island
59C	28	Catania
106D	44	Catbalogan
130B	48	Catherine Hill Bay
158C	61	Catia la Mar
170B	54	Catoosa (OK)
174A	58	Catskill
60C	31	Cattolica
163A	61	Caucedo
49A	18	Caudebec
105C	44	Cavite
62B	29	Cavtat
165B	60	Cay Frances
156D	62	Cayenne
164B	60	Cayman Brac
164B	60	Cayman Islands
168A	59	Cayo Arcas Terminal
165C	60	Cayo Mambi
165C	60	Cayo Moa
107C	44	Cebu
107C	44	Cebu Island
181B	56	Cedarville
52C	30	Cedeira
146D	59	Cedros Island
128C	48	Ceduna
52D	30	Cee
162B	61	Ceiba
164C	60	Ceiba Hueca
82B	36	Ceiba Terminal
103A	42	Celukan Bawang
5D	17	Cemaes Bay
174A	58	Cementon
102A	42	Cengkareng Terminal
	34	Central African Republic
63A	29	Cephalonia (Kefallinia) Island
67A	29	Cernavoda
149D	62	Cerro Azul
71D	32	Cesme
79D	36	Cess, River
79D	36	Cestos Bay
67C	29	Cetatea Alba
76C	30	Ceuta
72D	33	Ceyhan
151B	63	Chacabuco
	34	Chad
76C	30	Chafarinas Islands
94A	35	Chagos Archipelago
160C	61	Chaguaramas
160B	61	Chaguaramas Bay
92A	37	Chah Bahar
86C	35	Chake Chake
150A	62	Chala
178C	57	Chaleur Bay
65B	32	Chalkis (Khalkis)
131A	48	Challenger Bay
127C	48	Challis Terminal
169D	54	Chalmette
95C	40	Chalna
55D	31	Chalon-sur-Saone
147C	59	Champerico
150C	63	Chanaral
149D	62	Chancay
179A	57	Chandler
		Chang Jiang, see Yangtze River
114A	47	Changchun
185C	57	Change Island
185C	57	Change Island Tickle
97A	42	Changi
115A	47	Changsha
114B	47	Changshu
112C	46	Changzhou
3A	18	Channel Islands
50D	30	Chantenay
109D	41	Chanthaburi
109C	41	Chao Phraya River
113A	47	Chaoyang
113A	47	Chaozhou
165C	60	Chaparra
141C	14	Chapel Roads
1B	17	Chapman Anchorage
148B	60	Charco Azul
51B	30	Charente, River
157B	62	Charity
171D	55	Charleston
3D	17	Charlestown (England)
161C	61	Charlestown (St. Kitts-Nevis)
14C	16	Charlestown (Scotland)
180D	56	Charlevoix
178A	57	Charlottetown
160C	61	Charlotteville
51B	30	Chateau d'Oleron
178C	57	Chatham (Canada)
1C	17	Chatham (England)
142C	52	Chatham (U.S.A.)
132B	49	Chatham Islands
171A	54	Chattahoochee River
136C	14	Chayvo
176D	57	Chebogue
68D	27	Cheboksary
180D	56	Cheboygan
177B	57	Chedabucto Bay
95D	41	Cheduba Island
		Cheju Island, see Jeju Island
		Cheju, see Jeju
73C	33	Chekka
69B	27	Cheleken
175B	58	Chelsea
143C	52	Chemainus
115A	47	Chenglingji
94D	40	Chennai (Madras)
5A	17	Chepstow
49C	18	Cherbourg
76A	28	Cherchell
69A	27	Cherepovets
68A	29	Cherkassy
141B	14	Chernofski Harbour
144B	52	Cherry Point
		Cherso Island, see Cres Island
		Cherso, see Cres
172C	58	Chesapeake
172D	58	Chesapeake & Delaware Canal
172B	58	Chesapeake Bay
172D	58	Chesapeake City
177A	57	Chester (Canada)
6B	17	Chester (England)
173A	58	Chester (U.S.A.)
140C	51	Chesterfield Anchorage
140C	51	Chesterfield Inlet
177D	57	Cheticamp
167C	60	Chetumal
176B	57	Cheverie
110C	41	Chi Lang Terminal
110C	41	Chi Linh Terminal
121B	45	Chiba
181A	56	Chicago
149C	62	Chicama
142B	52	Chichagof
141C	14	Chichagof Harbour
142B	52	Chichagof Island
2B	17	Chichester Harbour
124B	39	Chichijima
158C	61	Chichiriviche
183C	57	Chicoutimi
141C	50	Chignik
137C	14	Chikhacheva
136D	14	Chikhacheva Gulf
150A	63	Chile
151B	63	Chiloe Island
		Chilung, see Keelung
149C	62	Chimbote
111D	46	China
149D	62	Chincha Islands
85A	35	Chinde
		Chinhae, see Jinhae
136A	39	Chinnai
		Chinnampo, see Nampo
60D	31	Chioggia
71D	32	Chios (Khios)
71D	32	Chios (Khios) Island
53D	30	Chipiona
166C	60	Chiriqui Grande
120D	45	Chita
95C	40	Chittagong
112D	46	Chiwan
114D	47	Chizhou
69A	27	Chkalovsk
125C	48	Choiseul Bay
125C	48	Choiseul Island
117A	46	Chongjin
115A	47	Chongqing
165A	60	Chorrera Bay
121C	45	Choshi
2D	17	Christchurch
		Christianshaab, see Qasigiannguit
162A	61	Christiansted
102D	42	Christmas Island
		Christmas Island (Kiribati), see Kiritimati
173C	58	Chrome
136D	14	Chumikan
109C	41	Chumphon
		Chungmu, see Tongyong
140B	51	Churchill
124C	48	Chuuk (Truk)
124C	48	Chuuk (Truk) Islands
42C	23	Chvaletice
70C	29	Cide
159B	60	Cienaga
164D	60	Cienfuegos
101D	42	Cigading
102D	42	Cilacap
52C	30	Cillero
102A	42	Cinta Terminal
102B	42	Cirebon
60A	29	Ciro Marina
		Cittanova, see Novigrad
174B	58	City Island
157D	61	Ciudad Bolivar
168A	59	Ciudad del Carmen
55A	28	Ciudadela
58A	31	Civitavecchia
	19	Clair
144D	52	Clallam Bay
9B	17	Clarecastle
172C	58	Claremont
130C	48	Clarence River
185B	57	Clarenville
183D	57	Clarke City
176D	57	Clarks Harbour
141A	50	Clarks Point
182D	56	Clarkson
106B	44	Claveria
160B	61	Claxton Bay
173A	58	Claymont
	19	Claymore
180A	57	Clayton
	19	Cleeton
176C	57	Clementsport
180B	56	Cleveland
9C	17	Clew Bay
9C	17	Clifden
1B	17	Cliffe
166A	60	Clifton Pier
174C	58	Clinton
	19	Clipper
8D	17	Clonakilty
	19	Clyde
10C	16	Clyde, River
5D	17	Clynnog
186A	57	Coachman Harbour
156D	62	Coari
168B	59	Coatzacoalcos
168B	59	Coatzacoalcos River
8C	17	Cobh
182D	56	Cobourg
		Cochin, see Kochi (India)
		Cockburn Town, see Grand Turk
14D	16	Cockenzie
166A	60	Coco Cay
96A	40	Coco Islands
166C	68	Coco Solo
102D	12	Cocos (Keeling) Islands
148B	60	Cocos Island
	19	Cod
170D	54	Coden
184B	57	Codroy
130C	48	Coffs Harbour
82B	36	Cogo (Puerto Iradier)
148C	60	Coiba Island
149C	62	Coisco
93D	40	Colachel
153C	64	Colastine
153C	64	Colastine, River
182D	56	Colborne
17B	17	Colchester
141C	50	Cold Bay
177B	57	Cole Harbour
176A	57	Cole Point
7C	17	Coleraine
138D	14	Coles Bay
185B	57	Coley's Point
11D	16	Coll Island
182A	56	Collingwood
55C	31	Collioure
75D	28	Collo
17A	17	Colne, River
45D	22	Cologne (Koln)
159B	60	Colombia (Caribbean)
148C	62	Colombia (Pacific)
94C	40	Colombo
154A	64	Colon (Argentina)
166C	69	Colon (Panama)
159A	61	Coloncha
154B	64	Colonia
11C	16	Colonsay Island
106D	44	Colorada Point
144D	52	Columbia River
171A	54	Columbus (GA)
47A	22	Colynsplaat
103B	43	Com
4D	17	Combwich
185A	57	Come by Chance
183C	57	Comeau Bay (Baie Comeau)
167C	60	Commerce Bight

Col. No.	Page No.	
151D	15	Commonwealth Bay
152C	63	Comodoro Rivadavia
85B	35	Comoros
143D	52	Comox
79C	36	Conakry
174C	58	Conanicut Island
50C	18	Concarneau
153D	64	Concepcion
154A	64	Concepcion del Uruguay
185B	57	Conception Bay
149D	62	Conchan
186A	57	Conche Harbour
145D	53	Concord
154A	64	Concordia
83C	36	Congo (Zaire), River
83A	36	Congo, The
83A	36	Conkouati
6B	17	Connah's Quay
180B	56	Conneaut
174B	58	Connecticut (CT)
107B	44	Consolacion
141C	14	Constantine Harbour
66C	29	Constantza
179D	57	Contrecoeur
170A	54	Convent
1A	17	Convoys Wharf
6A	17	Conwy
141D	50	Cook Inlet
134A	49	Cook Islands
131A	48	Cooktown
93B	40	Coondapoor
145B	50	Coos Bay
145B	50	Coos River
38C	25	Copenhagen (Kobenhavn)
15A	17	Coquet Island
150D	63	Coquimbo
140C	51	Coral Harbour
3A	18	Corbiere Point
52C	30	Corcubion
50D	30	Cordemais
142A	50	Cordova
157B	62	Corentyn River
62D	29	Corfu (Kerkira)
62D	29	Corfu (Kerkira) Island
60A	29	Corigliano
63B	29	Corinth (Korinthos)
63B	29	Corinth Canal
148A	60	Corinto
82C	36	Corisco Bay
8C	17	Cork
8C	17	Cork Harbour
52C	30	Corme
	19	Cormorant North
	19	Cormorant South
184A	57	Corner Brook
50B	18	Corniguel
183A	57	Cornwall
140D	14	Cornwallis Island
105B	44	Coron
151A	63	Coronel
167C	60	Corozal
11C	16	Corpach
168C	54	Corpus Christi
151A	63	Corral
153C	64	Corrientes
50A	18	Corsen Point
10B	16	Corsewall Point
56B	31	Corsica (Corse)
153D	64	Corumba
182B	56	Corunna (Canada)
52C	30	Corunna (Spain)
77A	34	Corvo Island
1B	17	Coryton
127D	48	Cossack Pioneer Terminal
166D	60	Costa Rica (Caribbean)
148A	60	Costa Rica (Pacific)
108C	44	Cotabato
179D	57	Cote Ste. Catherine Lock
80C	36	Cotonou
157A	62	Cottica River
50D	30	Coueron
10D	16	Coulport
177B	57	Country Harbour
49C	18	Courseulles sur Mer
8D	17	Courtmacsherry
182B	56	Courtright
172D	58	Cove Point
159C	60	Covenas
4A	17	Coverack
2C	17	Cowes
143C	52	Cowichan Bay
184A	57	Cox Cove
95C	40	Cox's Bazar
174A	58	Coxsackie
167C	60	Cozumel
167C	60	Cozumel Island
142D	52	Craig
11D	16	Craignure
14B	16	Crail
15A	16	Craster
50A	18	Creac'h Point
164B	60	Creek
17B	17	Creeksea
10A	17	Creetown
60D	31	Cremona
61C	31	Cres (Cherso)
61C	31	Cres (Cherso) Island
144D	52	Crescent Bay
145C	50	Crescent City
64C	32	Crete (Kriti) Island
61C	31	Crikvenica
11C	16	Crinan Canal (N. Entrance)
11A	16	Crinan Canal (S. Entrance)
166C	68	Cristobal
61A	28	Croatia
186A	57	Croc Harbour
145D	53	Crockett
143C	52	Crofton
13C	16	Cromarty
13C	16	Cromarty Firth
14C	16	Crombie
16C	17	Cromer
160B	61	Cronstadt Island
8D	17	Crookhaven
178D	57	Cross Point
59D	29	Crotone
17B	17	Crouch, River
160C	61	Crown Point
151D	11	Crozet Islands
	19	Cruden Bay
150C	63	Cruz Grande
111C	41	Cua Cam
164B	60	Cuba
94D	40	Cuddalore
84A	34	Cuio
161A	61	Cul de Sac
45A	22	Culemborg
55A	28	Cullera
15A	16	Cullercoats
13A	16	Cullivoe
158A	61	Cumana
158C	61	Cumarebo
140C	51	Cumberland Sound
155B	62	Cumuruxatiba
159D	61	Curacao Island
157C	61	Curiapo
	19	Curlew
184B	57	Curling
106C	44	Currimao
186B	51	Cut-Throat
147D	60	Cutuco
42D	23	Cuxhaven
105B	44	Cuyo
73A	33	Cyprus
		Cyrus, see Soroosh Terminal
	28	Czech Republic

D

Col. No.	Page No.	
111B	41	Da Nang
93A	40	Dabhol
101C	42	Dabo
		Dadiangas, see General Santos
117A	46	Daepo
116B	46	Daesan (Taesan)
106A	44	Daet River
115B	46	Dafeng
41D	23	Dagebull
39C	25	Dagelokke
1A	17	Dagenham
35C	26	Dagerort
	19	Dagmar
115C	46	Dagu
93A	40	Dahanu
92D	40	Dahej
106A	44	Dahikan Bay
106A	44	Dahikan Islands
49D	18	Dahouet
110D	41	Dai Hung Terminal
164C	60	Daiquiri
78D	36	Dakar
78A	34	Dakhla (Villa Cisneros)
125B	48	Dakolae Anchorage
	15	Dakshin Gangotri
31B	24	Dal
30A	24	Dalaro
10A	17	Dalbeattie
5C	17	Dale Roads
25C	24	Dalen
178D	57	Dalhousie
115D	46	Dalian
142D	52	Dall Island
10D	16	Dalmuir
		Dalrymple Bay, see Hay Point
22D	24	Dalsfjord
17C	20	Dalur
18C	20	Dalvik
111A	41	Dam Mon
93A	40	Daman
	29	Damascus
74B	67	Damietta
90C	37	Dammam (King Abdul Aziz Port)
127D	48	Dampier
	19	Dan
116A	46	Dandong
139A	14	Daneborg
167C	60	Dangriga
171B	55	Dania
184A	57	Daniels Cove
37C	25	Danischburg
139A	14	Danmarkshavn
		Dante, see Hafun
66D	29	Danube, River
108A	44	Dapa
105B	44	Dapdap
108B	44	Dapitan
86C	35	Dar es Salaam
66A	32	Dardanelles (North Coast)
71B	32	Dardanelles (South Coast)
70D	32	Darica
148C	60	Darien (Panama)
171D	55	Darien (U.S.A.)
91D	37	Darius Terminal
36C	25	Darlowo
170A	54	Darrow
3C	17	Dart, River
1A	17	Dartford
177A	57	Dartmouth (Canada)
3C	17	Dartmouth (England)
127A	48	Daru
98D	42	Darvel Bay
127B	48	Darwin (Australia)
152A	63	Darwin (Falkland Islands and Dependencies)
90A	37	Das Island
84C	34	Dassen Island
35D	26	Daugava, River
8C	17	Daunt Rock Light
169D	54	Davant
108D	44	Davao
146A	53	Davenport
22C	24	Davika
151D	15	Davis
174D	58	Davisville
96A	41	Dawei
96A	41	Dawei River
81B	36	Dawes Island
113A	47	Daya Bay
171C	55	Daytona Beach
73D	33	Dbayeh
136D	14	De Kastri
45A	22	De Noord
2A	17	Deal
4A	17	Dean Quarry
49B	18	Deauville
16D	17	Deben, River
140B	51	Deception Bay
152A	15	Deception Island
14A	16	Dee, River (Scotland)
6A	17	Dee, River (Wales)
176C	57	Deep Brook
132A	48	Deep Cove
169A	54	Deepwater
169A	54	Deer Park
45C	22	Deest
6A	17	Deganwy
81B	36	Degema
33A	26	Degerby (Aland Islands)
33D	26	Degerby (Finland)
29A	25	Degerhamn
67C	66	Deggendorf
156D	62	Degrad des Cannes
22C	24	Deknepoll
173B	58	Delair
172D	58	Delaware (DE)
172D	58	Delaware Bay
173A	58	Delaware Breakwater
173A	58	Delaware City
173A	58	Delaware River
44C	22	Delft
43C	22	Delfzijl
	38	Delhi
76A	28	Dellys
64D	32	Delos (Dhilos) Island
157B	62	Demerara River
37A	25	Demmin
83C	36	Democratic Republic of Congo
46D	22	Den Bommel
		Den Bosch, see 'sHertogenbosch
		Den Haag, see 'sGravenhage
44A	22	Den Helder
44A	22	Den Oever
48A	22	Dendermonde
128B	48	Denham
54D	28	Denia
38A	25	Denmark
12D	16	Dennis Head
128C	48	D'Entrecasteaux Point
69C	27	Derbent
127C	48	Derby
71A	32	Derince
74D	29	Derna
9B	17	Dernish Island
129D	48	Derwent, River
164C	60	Deseo
151C	63	Desolation Island
170A	54	Destrehan
180C	56	Detroit
182B	56	Detroit River (Canada)
180C	56	Detroit River (U.S.A.)
44A	22	Deventer
	19	Deveron
	67	Deversoir
140D	14	Devon Island
129C	48	Devonport (Australia)
3C	17	Devonport (England)
	38	Dhaka
95B	40	Dhamra
93A	40	Dharamtar
73B	33	Dhekelia
		Dhilos Island, see Delos Island
92D	40	Dholera
88B	33	Dhuba
88D	35	Dhubab (Doubabe)
153C	64	Diamante
95B	40	Diamond Harbour
95D	41	Diamond Island
172A	58	Diamond Shoal Light
140B	51	Diana Bay
106B	44	Diapitan Bay
89C	37	Diba
52A	30	Dicido
94A	35	Diego Garcia
49C	18	Dielette
111B	41	Diemdien
48D	18	Dieppe
49A	18	Dieppedalle
176C	57	Digby
20B	21	Digermulen
26B	24	Digerudgrunnen
95B	40	Digha
93A	40	Dighi
71C	32	Dikili
137D	14	Dikson
185B	57	Dildo
103B	43	Dili
70D	32	Diliskelesi
108A	44	Dinagat
107D	44	Dinagat Island
49D	18	Dinard
106B	44	Dingalan Bay
6D	17	Dingle (England)
9A	17	Dingle (Republic of Ireland)
9A	17	Dingle Bay
177D	57	Dingwall (Canada)
13C	16	Dingwall (Scotland)
6A	17	Dinmor
46D	22	Dintel Mark, River
46D	22	Dintelmond
46D	22	Dinteloord
108C	44	Dipolog
24B	24	Dirdal
35C	26	Dirhami
164A	60	Discovery Bay
139D	14	Disko Island
43B	22	Ditzum
92D	40	Diu
124D	48	Djarrit
83B	36	Djeno Terminal
75B	28	Djerba Island
87A	35	Djibouti
78D	36	Djifere
18D	20	Djupavik
18A	20	Djupivogur
20D	21	Djupvik (Norway)
31C	24	Djupvik (Sweden)

Col. No.	Page No.	
29C	24	Djuron
68A	29	Dnepr, River
68A	29	Dneprobugskiy
68A	29	Dneprodzerzhinsk
68A	29	Dnepropetrovsk
68A	29	Dneprovskoye
67C	29	Dnestr, River
103C	43	Dobo
31B	24	Docksta
45C	22	Dodewaard
	35	Dodoma
47B	22	Doel
91A	37	Doha
90B	37	Doha (Ad Dawhah)
43D	22	Dokkum
43D	22	Dokkumer Ee Canal
144A	52	Dollarton
23B	24	Dolvik
47A	22	Domburg
161A	61	Dominica
162C	61	Dominican Republic
186B	51	Domino
31B	24	Domsjo
68C	29	Don, River
60C	31	Donada
7D	17	Donaghadee
170B	54	Donaldsonville
9D	17	Donegal
9D	17	Donegal Bay
110C	41	Dong Nai
110D	41	Dong Thap
128B	48	Dongarra
50D	30	Donges
		Dongfang, see Basuo
112C	46	Dongguan
116D	46	Donghae (Bukpyung)
113A	47	Dongshan
115C	46	Dongying
183B	57	Donnacona
137B	39	Donuchaeva Bay
142C	52	Dora Bay
176A	57	Dorchester
51C	30	Dordogne, River
45B	22	Dordrecht
45D	22	Dormagen
13C	16	Dornoch Firth
72D	33	Dortyol
168A	59	Dos Bocas
167C	60	Dos Hermanos
81D	36	Douala
50B	18	Douarnenez
		Doubabe, see Dhubab
132A	48	Doubtful Sound
7B	17	Douglas (England)
	19	Douglas (Irish Sea)
140B	51	Douglas Harbour
178C	57	Douglastown
53A	28	Douro
53A	28	Douro, River
2A	17	Dover
5C	17	Dovey, River
2A	17	Downs, The
20C	21	Drag
55A	28	Dragonera Island
38C	25	Dragor
	19	Drake
26A	24	Drammen
25D	24	Dramsfjord
64B	32	Drapetzona
15D	16	Drax
126C	48	Dreger Harbour
17C	20	Drelnaes
63A	29	Drepanon
42C	23	Dresden
141D	50	Drift River Terminal
26B	24	Drobak
38C	25	Drogden Light
8A	17	Drogheda
159D	61	Druif
10B	17	Drummore
45B	22	Druten
66C	32	Druzba
89D	37	Dubai (Mina Rashid)
11D	16	Dubh Artach
8A	17	Dublin
62B	29	Dubrovnik (Ragusa)
134C	49	Ducie Island
49A	18	Duclair
132C	48	Ducos
137D	14	Dudinka
61D	31	Dugi Island
62A	29	Dugi Rat
45C	22	Duisburg
143C	52	Duke Point
37D	65	Dukerswisch
97D	41	Dulang Terminal
181C	56	Duluth
107B	44	Dumaguete
101A	42	Dumai
10D	16	Dumbarton
10A	17	Dumfries
151D	15	Dumont d'Urville
8B	17	Dun Laoghaire
4D	17	Dunball
14D	16	Dunbar
	19	Dunbar
13C	16	Dunbeath
143D	52	Duncan Bay
8B	17	Duncannon
12C	16	Duncansby Head
8A	17	Dundalk
		Dundas, see Uummannaq
14B	16	Dundee
7D	17	Dundrum
132B	48	Dunedin
111B	41	Dung Quat
8C	17	Dungarvan
2A	17	Dungeness
10D	16	Dunglass
97C	41	Dungun
48C	18	Dunkirk (Dunkerque)
	19	Dunlin
8C	17	Dunmore East
12C	16	Dunnet Head
11A	16	Dunoon
15B	16	Dunston
11D	16	Dunvegan
89A	35	Duqm
149A	62	Duran
		Durazzo, see Durres
84D	35	Durban
12C	16	Durness
62C	29	Durres (Durazzo)
	11	Dushanbe
45D	22	Dusseldorf
141B	14	Dutch Harbour
92C	40	Dwarka
25A	24	Dybvaag
31A	24	Dynas
26C	24	Dynekilen
18D	20	Dyrafjord
23A	24	Dyrdal
19C	20	Dyrholaey
20B	21	Dyroy
85C	35	Dzaoudzi
167D	60	Dzilam

E

Col. No.	Page No.	
144C	52	Eagle Harbour
	19	Easington
175C	57	East Boothbay
131C	49	East Cape
152A	63	East Cove
141D	50	East Foreland
43B	22	East Frisian Islands
84D	35	East London
178B	57	East Point
174A	58	East River
103B	43	East Timor (Timor Leste)
87D	33	East Zeit Terminal
150C	49	Easter Island (Isle de Pascua)
177A	57	Eastern Passage
47A	22	Eastern Scheldt (Oosterschelde)
6B	17	Eastham
131C	49	Eastland Port (Gisborne)
175D	57	Eastport
40D	25	Ebeltoft
118A	45	Ebisu
82A	36	Ebome Terminal
37D	65	Eckernforde
33B	26	Eckero
176B	57	Economy
148D	62	Ecuador
177B	57	Ecum Secum
	19	Edda
173A	58	Eddystone
3C	17	Eddystone Light
129D	48	Eddystone Point
130B	48	Eden
173D	58	Edgewater (NJ)
71B	32	Edincik
129A	48	Edithburgh
144B	52	Edmonds
71C	32	Edremit
27C	24	Edsvalla
43C	22	Eems Canal
43C	22	Eemshaven
133A	48	Efate Island
59A	28	Egadi Islands
		Egedesminde, see Aasiaat
40B	25	Egernsund
24C	24	Egersund
183C	57	Egg Island
21C	24	Eggebogen
22B	24	Eggesbones
44A	22	Egmond aan Zee
137C	14	Egvekinot
74A	29	Egypt (Mediterranean)
87C	33	Egypt (Red Sea)
23C	24	Eide
37D	65	Eider, River
23C	24	Eidfjord
24C	24	Eidsfjord
23A	24	Eikefet
22D	24	Eikefjord
88B	33	Eilat
42D	23	Einswarden
		Eire, see Republic of Ireland
179D	57	Eisenhower Lock
23D	24	Eitrheim
41C	25	Ejerslev
		Ekenas, see Tammisaari
13B	19	Ekofisk
138A	21	Ekonomiya
82D	36	Ekoueta
		El Aaraich, see Larache
74C	33	El Agami Island
		El Alamein, see Mersa el Hamra Terminal
74A	28	El Arish
	67	El Ballah
166D	60	El Bluff
148D	62	El Charco
158B	61	El Chaure
167D	60	El Cuyo
74C	33	El Dekheila
	67	El Firdan
158A	61	El Guamache
76D	34	El Jadida
	67	El Kabrit
87A	35	El Maan
74B	67	El Mina El Gedida
158C	61	El Palito
74B	67	El Qantara
		El Quseir, see Kosseir
147C	59	El Salvador
146C	53	El Sauzal
146B	53	El Segundo Terminal
	67	El Shallufa
158D	61	El Tablazo
	67	El Tina
57D	31	Elba Island
42A	65	Elbe, River
49A	18	Elbeuf
36B	26	Elblag
	19	Eldfisk
129D	48	Electrona
95C	40	Elephant Point (Bangladesh)
95D	41	Elephant Point (Myanmar)
64A	32	Eleusis
166A	60	Eleuthera Island
65D	32	Elevtherai
	19	Elgin
14B	16	Elie
2D	17	Eling
172C	58	Elizabeth River
173C	58	Elizabethport
139A	14	Ella Island
28C	25	Elleholm
41D	23	Ellenbogen
6B	17	Ellesmere Port
133B	49	Ellington
179A	57	Ellis Bay
128C	48	Elliston
	19	Ellon
	19	Elly
42B	23	Elmshorn
21D	24	Elnesvagen
96A	40	Elphinstone Harbour
42D	23	Elsfleth
38C	25	Elsinore (Helsingor)
19D	21	Elvebakken
23A	24	Elvik
146B	53	Elwood
43B	22	Emden
126A	48	Emirau Island
160A	61	Emmastad
45C	22	Emmerich
169C	54	Empire (Louisiana)
145B	50	Empire (Oregon)
125D	48	Empress Augusta Bay
43B	22	Ems, River
97B	41	Endau
103B	43	Ende
134D	49	Enderbury Island
124D	48	Enewetak Atoll
26A	24	Engene
100B	42	Enggano Island
1A	17	England
186A	57	Englee Harbour
143D	52	Englewood
184C	57	English Harbour East
36A	26	Engure
44A	22	Enkhuizen
29D	24	Enkoping
94D	40	Ennore
152D	64	Ensenada (Argentina)
146C	53	Ensenada (Mexico)
162B	61	Ensenada Honda
40B	25	Enstedvaerkets Havn
63D	32	Epidaurus (Epidhavros)
82A	36	Equatorial Guinea
63B	29	Eratini
109B	41	Erawan Terminal
71B	32	Erdek
70C	29	Eregli (Black Sea)
66A	32	Eregli (Sea Of Marmara)
	27	Erevan
180A	56	Erie
117D	45	Erimo
1A	17	Erith
87A	35	Eritrea
46B	20	Erlenbach
63D	32	Ermioni
49D	18	Erquy
133A	48	Erromango Island
48A	22	Ertvelde
75A	29	Es Sider Terminal
118D	45	Esaki
117B	45	Esashi (Kitami-Esashi)
41D	25	Esbjerg
107C	44	Escalante
181B	56	Escanaba
170C	54	Escatawpa
153A	64	Escobar
54C	28	Escombreras
147C	59	Escondido
166D	60	Escondido, River
80D	36	Escravos River
80D	36	Escravos Terminal
178C	57	Escuminac
177C	57	Eskasoni
18A	20	Eskifjordur
29D	24	Eskilstuna
149A	62	Esmeraldas
128C	48	Esperance
	15	Esperanza
23D	24	Espevaer
24B	24	Espevik
133A	48	Espiritu Santo Island
80A	36	Espoir Terminal
53A	28	Esposende
143B	52	Esquimalt
76D	34	Essaouira
157B	62	Essequibo River
180C	56	Essexville
83D	36	Essungo Terminal
30D	24	Essvik
107A	44	Estancia
54A	30	Estepona
146A	53	Estero Bay
143B	52	Estevan Point
35A	26	Estonia
119B	45	Etajima
83A	36	Etame Terminal
55D	31	Etang de Berre
48D	18	Etaples
50C	18	Etel
149C	62	Eten
124C	48	Eten Anchorage
	35	Ethiopia
23D	24	Etne
48D	18	Eu
65A	32	Euboea (Evvoia) Island
		Eurajoki, see Olkiluoto
145C	50	Eureka
54A	30	Europa Point
44C	22	Europoort
	19	Everest
144B	52	Everett
47B	22	Everingen
157B	62	Everton
		Evvoia Island, see Euboea Island
	19	Excalibur
142B	52	Excursion Inlet
3B	17	Exe, River
3B	17	Exeter
128A	48	Exmouth (Australia)
3B	17	Exmouth (England)
128A	48	Exmouth Gulf

Col. No.	Page No.	
185D	57	Exploits Bay
101D	42	Exspan Terminal
166A	60	Exuma
25A	24	Eydehamn
14D	16	Eyemouth
18C	20	Eyjafjordur
19C	20	Eyrarbakki
17D	20	Eysturoy

F

	19	F 3
	19	F 18a
40A	25	Faaborg
25C	24	Faerder
		Faeringehavn, see Kangerluarsoruseq
41C	25	Faerker Vig
		Faeroe, see Faroes
26D	24	Fagelvik
26C	24	Fagerholt
26B	24	Fagerstrand
31A	24	Fagervik
21A	20	Fagervika
13A	16	Fair Isle
145C	50	Fairhaven
173B	58	Fairless Hills
10C	16	Fairlie
180B	56	Fairport
125C	48	Faisi Island
162B	61	Fajardo
103C	43	Fak Fak
38B	25	Fakse Ladeplads
3D	17	Fal, River
60C	31	Falconara
27D	25	Falkenberg
152A	63	Falkland Islands
152A	15	Falkland Islands and Dependencies
174D	58	Fall River (MA)
3D	17	Falmouth (England)
164A	60	Falmouth (Jamaica)
95A	40	False Point
39B	25	Falster
28B	25	Falsterbo
73B	33	Famagusta
179B	57	Fame Point
74B	67	Fanara
111D	41	Fangcheng
		Fanning Island, see Teraina
60C	31	Fano
41D	25	Fano Island
91B	37	Fao (Al Faw)
50B	18	Faou
	15	Faraday
85D	35	Farafangana
2B	17	Fareham
42D	23	Farge
53B	28	Farilhoes Islands
79B	36	Farim
28D	25	Farjestaden
33A	26	Farjsundet
43C	22	Farmsum
15A	16	Farne Islands
53C	30	Faro
17C	20	Faroes (Faeroe)
29B	25	Farosund
24C	24	Farsund
84A	34	Farta Bay
75A	28	Farwah Terminal
18A	20	Faskrudhsfjordur
10D	16	Faslane Dock
8D	17	Fastnet Rock
89D	37	Fateh Terminal
		Father Point, see Pointe au Pere
78D	36	Fatick
70B	29	Fatsa
20D	21	Fauske
1D	17	Faversham
59A	28	Favignana
59A	28	Favignana Island
2D	17	Fawley
77A	34	Fayal Island
74B	67	Fayid
156C	62	Fazendinha
48D	18	Fecamp
24C	24	Feda
		Fedala, see Mohammedia
23A	24	Fedje
37C	25	Fehmarn Island
17A	17	Felixstowe
165C	60	Felton
52C	30	Fene
86A	35	Fenerive
9A	17	Fenit
172D	58	Fenwick Island Light
		Feodosiya, see Theodosia
11B	16	Feolin
185A	57	Fermeuse
171C	55	Fernandina
156A	62	Fernando Noronha Island
144B	52	Ferndale
52C	30	Ferrol
185A	57	Ferryland Harbour
22B	24	Festoy
72C	32	Fethiye
25A	24	Fevik
21C	24	Fiborgtangen
	19	Fife
28D	25	Figeholm
53A	28	Figueira da Foz
133B	49	Fiji
46D	22	Fijnaart
22A	24	Fiksdal
15C	17	Filey
26A	24	Filtvet
		Filyos, see Hisaronu
13D	16	Findhorn
13D	16	Findochty
17B	17	Fingringhoe
72C	33	Finike
42C	23	Finkenwerder
32B	26	Finland
10D	16	Finnart
20D	21	Finneid
19D	21	Finnfjord
20A	21	Finnsnes
126C	48	Finschafen
174B	58	Fire Island Light
10B	16	Firth of Clyde
14B	16	Firth of Forth
14B	16	Firth of Tay
37D	65	Fischerhutte
2C	17	Fishbourne
177B	57	Fishermans Harbour
14D	16	Fisherrow
5C	17	Fishguard
24D	24	Fiskaa
22A	24	Fiskarstranda
27D	25	Fiskeback
26D	24	Fiskebackskil
139C	14	Fiskenaesset
24B	24	Fiskeneset
30A	24	Fittja
		Fiume, see Rijeka
58A	28	Fiumicino
173C	58	Five Fathom Bank Light
26C	24	Fjallbacka
23D	24	Fjelberg
40A	25	Fjellebroen
22B	24	Fjora
23A	24	Flaam
15C	17	Flamborough Head
184B	57	Flat Bay
130D	48	Flat Top Island
18D	20	Flatey
18D	20	Flateyri
30A	24	Flaxenvik
7A	17	Fleetwood
24C	24	Flekkefjord
24D	24	Flekkeroy
37C	65	Flemhude
	19	Fleming
38A	25	Flensburg
186A	57	Fleur de Lys
		Fleuve Tinguillinta, see Rio Nunez
64B	32	Fleves Island
129D	48	Flinders Island
6B	17	Flint
171A	54	Flint River
16A	16	Flixborough
77A	34	Flores Island (Azores)
103B	43	Flores Island (Indonesia)
154D	64	Florianopolis
170D	55	Florida (FL)
125A	48	Florida Island
125A	48	Florida Islands
22C	24	Floro
23B	24	Florvaag
12C	16	Flotta
12D	16	Flotta Terminal
184A	57	Flowers Cove
47A	22	Flushing (Vlissingen)
47B	22	Flushing East (Sloehaven)
126D	48	Fly River
102D	42	Flying Fish Cove
71D	32	Foca
185C	57	Fogo Harbour
185C	57	Fogo Island (Canada)
78C	34	Fogo Island (Cape Verde)
41D	23	Fohr Island
	19	Foinhaven
64C	32	Folegandros Island
2A	17	Folkestone
21A	20	Follafjord
21B	24	Follafoss
57D	31	Follonica
163C	61	Fond Mombin
133A	48	Forari
35C	26	Forby
81A	36	Forcados
81A	36	Forcados River
80D	36	Forcados Terminal
186C	51	Ford Harbour
22D	24	Fordefjord
79C	36	Forecariah
183C	57	Forestville
24A	24	Foresvik
54D	28	Formentera Island
58B	28	Formia
40D	25	Fornaes
155A	64	Forno
30B	24	Forsmark
21D	24	Forsnes
145C	50	Fort Bragg
140B	51	Fort Chimo
161A	61	Fort de France
182C	56	Fort Erie
2C	17	Fort Gilkicker
171B	55	Fort Lauderdale
163C	61	Fort Liberte
170D	54	Fort Morgan
171B	55	Fort Pierce
11C	16	Fort William
156A	62	Fortaleza
59A	28	Forte Spuria
186A	57	Forteau
14D	16	Forth and Clyde Canal (E. Entrance)
10D	16	Forth and Clyde Canal (W. Entrance)
14C	16	Forth, River
	19	Forties
184C	57	Fortune
24B	24	Forus
55D	31	Fos
16C	17	Fosdyke
22B	24	Fosnavaag
25A	24	Fossbekk
25B	24	Fossing
86A	35	Foulpointe
85C	35	Foumbouni
78D	36	Foundiougne
156D	62	Fourgassie
71D	32	Fourkero Bay
95C	40	Fouzderhat Beach
3D	17	Fowey
186B	57	Fox Harbour
179A	57	Fox River
140C	51	Foxe Basin
9B	17	Foynes
9B	17	Foynes Island
56B	31	France
48C	18	France (Channel)
55C	31	France (Mediterranean)
43D	22	Franeker
46A	20	Frankfurt
	19	Franklin
31A	24	Frano
144A	52	Fraser River
144A	52	Fraser River Port (New Westminster)
14A	16	Fraserburgh
154A	64	Fray Bentos
40C	25	Fredericia
		Frederiksdal, see Narsaq Kujalleq
		Frederikshaab, see Paamiut
41B	25	Frederikshavn
38D	25	Frederikssund
162A	61	Frederiksted
38D	25	Frederiksvaerk
26B	24	Fredrikstad
166B	60	Freeport (Bahamas)
172B	55	Freeport (Bermuda)
168D	54	Freeport (U.S.A.)
79C	36	Freetown
42B	65	Freiburg
128B	48	Fremantle
4C	17	Fremington
151D	11	French Antarctic Territory
156D	62	French Guiana
134A	49	French Polynesia
80A	36	Fresco
2C	17	Freshwater Bay
144B	52	Friday Harbour
42A	65	Friedrichstadt
25B	24	Frierfjord
	19	Frigg
		Frobisher, see Iqaluit
6C	17	Frodsham
33B	26	Frojdbole
36B	26	Frombork
168A	59	Frontera
31D	26	Frostkage
51D	30	Fuenterrabia
77C	34	Fuerteventura
17D	20	Fuglafjordur
160A	61	Fuik Bay
89B	37	Fujairah
118C	45	Fukui
123A	45	Fukuoka
118A	45	Fukura
117C	45	Fukushima
119C	45	Fukuyama
126A	48	Fulleborn
13B	19	Fulmar
168D	54	Fulton
121B	45	Funabashi
134C	49	Funafuti
134C	49	Funafuti Island
118A	45	Funakawa
77B	34	Funchal
39D	25	Funen
113D	47	Fuqing
41C	25	Fur
41C	25	Fur Island
41C	25	Fur Molervaerk
29B	25	Furillen
11A	16	Furnace
31D	26	Furuogrund
30B	24	Furusund
23C	24	Fusa
118B	45	Fushiki
118B	45	Fushiki-Toyama
123A	45	Futajima
83B	36	Futila Terminal
121C	45	Futtsu
113D	47	Fuzhou

G

75B	28	Gabes
82C	36	Gabon
82C	36	Gabon, River
	35	Gaborone
153C	64	Gaboto
92B	40	Gadani Beach
30A	24	Gaddviken
58B	28	Gaeta
69D	29	Gagry
16B	16	Gainsborough
12A	16	Gairloch
149A	13	Galapagos Islands
46D	22	Galathesche
67A	29	Galatz (Galati)
104A	43	Galeia
169A	54	Galena Park
160C	61	Galeota Point Terminal
75D	28	Galita Island
94C	40	Galle
	19	Galley
8D	17	Galley Head
60A	29	Gallipoli (Italy)
		Gallipoli (Turkey), see Gelibolu
168D	54	Galveston
168D	54	Galveston Bay
9C	17	Galway
9C	17	Galway Bay
126D	48	Gamadodo
120D	45	Gamagori
82D	36	Gamba Terminal
141A	50	Gambell
79A	36	Gambia, River
79A	36	Gambia, The
185C	57	Gambo
166C	68	Gamboa
29B	25	Gamleby
	19	Gamma
94A	35	Gan Island
182D	56	Gananoque
91C	37	Ganaveh
55A	28	Gandia
82D	36	Gangue River
	19	Gannet
42D	23	Ganspe
114C	47	Gaogang
112B	46	Gaolan
107D	44	Garcia Hernandez

Col. No.	Page No.	
19B	**20**	Gardabaer
95B	**40**	Garden Reach
13D	**16**	Gardenstown
145B	**50**	Gardiner
134D	**49**	Gardner Island (Nikumaroro Atoll)
10D	**16**	Gareloch
10D	**16**	Garelochhead
10A	**17**	Garlieston
23B	**24**	Garnes
51C	**30**	Garonne, River
81A	**36**	Garoua
54B	**30**	Garrucha
6D	**17**	Garston
181A	**56**	Gary Harbour
170A	**54**	Garyville
105D	**44**	Gasan
126A	**48**	Gasmata Island
179A	**57**	Gaspe
73B	**33**	Gastria Bay
15B	**16**	Gateshead
150B	**63**	Gatico
132D	**48**	Gatope
166C	**68**	Gatun
	68	Gatun Locks
184C	**57**	Gaultois
64C	**32**	Gavdo (Gavados) Island
146B	**53**	Gaviota
		Gavle, see Gefle
65A	**32**	Gavrion
74A	**33**	Gaza
61D	**31**	Gazenica
36C	**25**	Gdansk
36C	**25**	Gdynia
79B	**36**	Geba, River
104A	**43**	Gebe Island
155A	**64**	Gebig
70D	**32**	Gebze
39B	**25**	Gedser
47C	**22**	Geel
130A	**48**	Geelong
46D	**22**	Geertruidenberg
30C	**24**	Gefle (Gavle)
22B	**24**	Geiranger
170B	**54**	Geismar
87C	**33**	Geisum Terminal
59B	**28**	Gela
69D	**29**	Gelendzhik
66A	**32**	Gelibolu (Gallipoli)
37D	**25**	Gelting
71A	**32**	Gemlik
45C	**22**	Gendt
	67	Geneffe
	15	General Belgrano II
	15	General Bernardo O'Higgins
153B	**64**	General Lagos
	15	General San Martin (Antarctica)
150A	**62**	General San Martin (Peru)
108D	**44**	General Santos (Dadiangas)
47C	**22**	Genk
123A	**45**	Genkai
49B	**18**	Gennevilliers
57B	**31**	Genoa (Genova)
		Gent, see Ghent
	15	Georg von Neumeyer
164B	**60**	George Town
129C	**48**	Georgetown (Australia)
178A	**57**	Georgetown (Canada)
157B	**62**	Georgetown (Guyana)
96C	**41**	Georgetown (Malaysia)
84A	**34**	Georgetown (St. Helena and Dependencies)
160D	**61**	Georgetown (St. Vincent and the Grenadines)
171D	**55**	Georgetown (U.S.A.)
69D	**27**	Georgia (Black Sea)
171C	**55**	Georgia (U.S.A.)
64D	**32**	Georgioupoli
128B	**48**	Geraldton
37A	**25**	Germany (Baltic Sea)
41D	**22**	Germany (North Sea)
45C	**22**	Germany (Rhine)
46B	**20**	Germersheim
46B	**20**	Gernsheim
40D	**25**	Gerrild
141C	**14**	Gertrude Cove
70B	**29**	Gerze
104A	**43**	Geser Island
54A	**30**	Getares
80B	**36**	Ghana
75C	**31**	Ghar el Melh
125A	**48**	Ghavutu Island
		Ghawdex Island, see Gozo
76B	**30**	Ghazaouet
68B	**29**	Ghenichesk
48B	**22**	Ghent (Gent)
48A	**22**	Ghent-Terneuzen Canal
59C	**28**	Giardini
165C	**60**	Gibara
20A	**21**	Gibostad
54A	**30**	Gibraltar
109A	**44**	Gigaquit
11B	**16**	Gigha Island
58A	**31**	Giglio Island
52B	**30**	Gijon
134D	**48**	Gilbert Islands
20D	**21**	Gildeskal
26A	**24**	Gilhus
126D	**48**	Gili Gili
103A	**42**	Gilimanuk
38C	**25**	Gilleleje
1C	**17**	Gillingham
108A	**44**	Gingoog
58D	**28**	Gioia Tauro
36A	**26**	Gipka
130A	**48**	Gippsland Lakes
70B	**29**	Giresun
51B	**30**	Gironde, River
10B	**17**	Girvan
		Gisborne, see Eastland Port
67A	**29**	Giurgiu
88C	**35**	Gizan
125C	**48**	Gizo
125C	**48**	Gizo Island
25A	**24**	Gjevingstangholmen
177C	**57**	Glace Bay
142B	**52**	Glacier Bay
130D	**48**	Gladstone
21D	**24**	Glaerem
8D	**17**	Glandore
10D	**16**	Glasgow
7A	**17**	Glasson Dock
40D	**25**	Glatved
7C	**17**	Glenarm
10A	**17**	Glencaple
129B	**48**	Glenelg (Australia)
11D	**16**	Glenelg (Scotland)
9A	**17**	Glengariff
10D	**16**	Glenmallan
11C	**16**	Glensanda
36D	**25**	Glinki
20D	**21**	Glomfjord
26B	**24**	Glomma River
32D	**26**	Gloskar
5A	**17**	Gloucester (England)
175B	**58**	Gloucester (Massachusetts)
173B	**58**	Gloucester (New Jersey)
185D	**57**	Glover Harbour
185C	**57**	Glovertown
42B	**65**	Gluckstadt
30D	**24**	Gnarp
72C	**32**	Gocek
36D	**25**	Goclaw
110D	**41**	Godau
183C	**57**	Godbout
182A	**56**	Goderich
		Godhavn, see Qeqertarsuaq
		Godthaab, see Nuuk
116C	**46**	Goeje (Koje) Island
35B	**26**	Gogland Island
121B	**45**	Goi
116B	**46**	Gojeong
71B	**32**	Gokceada
72B	**32**	Gokova
137D	**14**	Golchikka
71A	**32**	Golcuk
177A	**57**	Gold River
145C	**53**	Golden Gate
55D	**31**	Golfe de Fos
148B	**60**	Golfito
56D	**31**	Golfo Aranci
148A	**60**	Golfo de Nicoya
148B	**60**	Golfo Dulce
152C	**63**	Golfo Nuevo
152C	**63**	Golfo San Matias
147A	**59**	Golfo Santa Clara
23B	**24**	Goltaosen
132D	**48**	Gomen
77D	**34**	Gomera
163C	**61**	Gonaives
49A	**18**	Gonfreville L'Orcher
170A	**54**	Good Hope
126C	**48**	Goodenough Island
127A	**48**	Good's Island
15D	**16**	Goole
186B	**51**	Goose Bay
95A	**40**	Gopalpur
181D	**56**	Gore Bay
70B	**29**	Gorele
3B	**18**	Gorey
57D	**31**	Gorgona Island
45B	**22**	Gorinchem
		Gorkiy, see Nizhniy Novgorod
16D	**17**	Gorleston
13B	**19**	Gorm
136B	**39**	Gornozavodsk
132C	**48**	Goro
104C	**43**	Gorontalo
2C	**17**	Gosport
17D	**20**	Gota (Faroes)
27B	**25**	Gota (Sweden)
27B	**25**	Gota Alv
27D	**24**	Gota Canal
27A	**25**	Gothenburg (Goteborg)
29A	**25**	Gotland Island
160A	**61**	Goto
118D	**45**	Gotsu
45A	**22**	Gouda
84B	**10**	Gough Island
76A	**28**	Gouraya
14A	**16**	Gourdon
10C	**16**	Gourock
127B	**48**	Gove
59D	**28**	Gozo (Ghawdex) Island
40B	**25**	Graasten
77A	**34**	Graciosa Island
61B	**31**	Gradac
18C	**20**	Grafaros
130C	**48**	Grafton
143A	**52**	Graham Island
170A	**54**	Gramercy
77C	**34**	Gran Tarajal
186B	**57**	Granby Island
166B	**60**	Grand Bahama Island
184C	**57**	Grand Bank
79D	**36**	Grand Bassa
80B	**36**	Grand Bassam
82A	**36**	Grand Batanga
80A	**36**	Grand Berebi
161B	**61**	Grand Bourg
77D	**34**	Grand Canary
164B	**60**	Grand Cayman Island
85B	**35**	Grand Comore Island
49B	**18**	Grand Couronne
80A	**36**	Grand Drewin
175D	**57**	Grand Harbour
180D	**56**	Grand Haven
80A	**36**	Grand Lahou
175D	**57**	Grand Manan Island
80C	**36**	Grand Popo
165D	**61**	Grand Turk (Cockburn Town)
165D	**61**	Grand Turk Island
183C	**57**	Grande Anse
179B	**57**	Grande Metis
161B	**61**	Grande Terre
179B	**57**	Grande Vallee
26A	**24**	Granerudstoa
14C	**16**	Grangemouth
29A	**25**	Grankullaviken
14D	**16**	Granton
30B	**24**	Granudden
32A	**26**	Granvik
49C	**18**	Granville
55A	**28**	Grao de Murviedro
173C	**58**	Grasselli
129C	**48**	Grassy
26D	**24**	Gravarne
20C	**20**	Gravdal
46C	**22**	Grave
48C	**18**	Gravelines
1A	**17**	Gravesend
174A	**58**	Gravesend Bay
1A	**17**	Grays
144D	**52**	Grays Harbour
26B	**24**	Greaker
166B	**60**	Great Abaco Island
166A	**60**	Great Exuma Island
165D	**61**	Great Inagua Island
180A	**56**	Great Lakes
96B	**40**	Great Nicobar Island
17A	**17**	Great Oakley
6A	**17**	Great Ormes Head
131A	**48**	Great Palm Island
141B	**14**	Great Sitkin Island
140B	**51**	Great Whale River
16D	**17**	Great Yarmouth
26C	**24**	Grebbestad
62D	**29**	Greece
181B	**56**	Green Bay
171C	**55**	Green Cove Springs
164A	**60**	Green Island
1A	**17**	Greenhithe
139A	**14**	Greenland
183D	**57**	Greenly Island
10C	**16**	Greenock
8A	**17**	Greenore
174B	**58**	Greenport
185C	**57**	Greenspond
80A	**36**	Greenville (Liberia)
170B	**54**	Greenville (MS) (U.S.A.)
1A	**17**	Greenwich
151C	**63**	Gregorio
151C	**63**	Gregorio Bay
37A	**25**	Greifswald
40D	**25**	Grenaa
160C	**61**	Grenada
18C	**20**	Grenivik
102C	**42**	Gresik
169D	**54**	Gretna
132A	**48**	Greymouth
128A	**48**	Griffin Terminal
168A	**59**	Grijalva, River
16B	**16**	Grimsby
25A	**24**	Grimstad
19B	**20**	Grindavik
179A	**57**	Grindstone
30B	**24**	Grisslehamn
186A	**57**	Groais Island
37C	**25**	Gromitz
183A	**57**	Grondines
138D	**14**	Gronfjord
29A	**25**	Gronhogen
43C	**22**	Groningen
		Gronnedal, see Kangilinnguit
24D	**24**	Gronsfjord
7D	**17**	Groomsport Bay
45A	**22**	Groot-Ammers
161D	**61**	Groote Bay
127B	**48**	Groote Eylandt
179C	**57**	Gros Cacouna
174C	**58**	Groton
43D	**22**	Grouw
16A	**16**	Grove Wharf
1D	**17**	Grovehurst Jetty
138D	**14**	Grumantbyen
19A	**20**	Grundarfjordur
19A	**20**	Grundartangi
30C	**24**	Grundvik
27C	**24**	Gruvon
62B	**29**	Gruz
20A	**21**	Gryllefjord
	19	Gryphon
152A	**15**	Grytviken
125A	**48**	Guadalcanal Island
53D	**30**	Guadalquivir, River
161A	**61**	Guadeloupe
53C	**30**	Guadiana, River
155A	**64**	Guaiba Island
154C	**64**	Guaiba, River
154A	**64**	Gualeguaychu
124B	**48**	Guam
155D	**62**	Guamare Terminal
167A	**60**	Guanaja Island
149C	**62**	Guanape Islands
112C	**46**	Guangzhou (Canton)
162C	**61**	Guanica
150B	**62**	Guanillo
157D	**61**	Guanoco
158B	**61**	Guanta
164C	**60**	Guantanamo
164B	**60**	Guantanamo Bay
148D	**62**	Guapi
158B	**61**	Guaraguao
158D	**61**	Guaranao Bay
151B	**63**	Guarello
154D	**64**	Guaruja
167B	**60**	Guatemala (Caribbean)
147C	**59**	Guatemala (Pacific)
	59	Guatemala City
164C	**60**	Guayabal
150D	**63**	Guayacan
		Guayama, see Las Mareas
162C	**61**	Guayanilla
149A	**62**	Guayaquil
147A	**59**	Guaymas
38A	**25**	Gudhjem
	19	Gudrun
23A	**24**	Gudvangen
3A	**18**	Guernsey
51D	**30**	Guetaria
19A	**20**	Gufunes
	19	Guillemot
50B	**18**	Guilvinec
107B	**44**	Guimaras Island
79B	**36**	Guinea
79A	**36**	Guinea-Bissau
157D	**61**	Guiria
51C	**30**	Gujan-Mestras

Col. No.	Page No.	
39C	25	Guldborg
62D	29	Gulf of Arta
138A	21	Gulf of Mezen
137D	14	Gulf of Ob
57A	28	Gulf of Oristano
157D	61	Gulf of Paria
129A	48	Gulf of St. Vincent
166B	60	Gulf of San Blas
137D	14	Gulf of Yenisei
39A	25	Gulfhavn
170C	54	Gulfport
26A	24	Gullaug
13B	19	Gullfaks
	19	Gullfaks South
21A	21	Gullsmedvik
72A	32	Gulluk
31C	26	Gumbodahamn
72A	32	Gumusluk
166B	60	Gun Cay
29B	25	Gunnebo
16A	16	Gunness Wharf
116B	46	Gunsan (Kunsan)
100C	42	Gunung Sitoli
22B	24	Gurskebotn
22B	24	Gursken
31A	24	Gustafsvik
161C	61	Gustavia
30A	24	Gustavsberg
168B	59	Gutierrez Zamora
157B	62	Guyana
153D	64	Guyrati Pass
177B	57	Guysborough
92A	40	Gwadar
116C	46	Gwangyang (Kwangyang)
4A	17	Gweek
	19	Gyda
67B	29	Gyor
63C	32	Gythion (Yithion)

H

183B	57	Ha Ha Bay
111C	41	Ha Long Bay
45B	22	Haaften
35D	26	Haapsalu
44B	22	Haarlem
24A	24	Haavik
		Habana, see Havana
119C	45	Habu
122A	45	Hachinohe
74A	33	Hadera
40B	25	Haderslev
116C	46	Hadong
41A	25	Hadsund
116A	46	Haeju
19B	20	Hafnarfjordur
87A	35	Hafun (Dante)
118D	45	Hagi
107D	44	Hagnaya Bay
		Hague, The; see 'sGravenhage
170A	54	Hahnville
115C	46	Hai He River
113B	47	Haicang
74A	33	Haifa
111D	41	Haikou
114A	47	Haimen
111D	41	Hainan Island
142B	52	Haines
111C	41	Haiphong
163B	61	Haiti
123A	45	Hakata
119B	45	Hakatashima
33B	26	Hakkala
117C	45	Hakodate
26C	24	Halden
95B	40	Haldia
80B	36	Half Assinie
166A	60	Half Moon Cay
44B	22	Halfweg
177A	57	Halifax
185D	57	Hall Bay
27C	24	Hallekis
28C	25	Hallevik
1C	17	Halling
31B	24	Hallstanas
30B	24	Hallstavik
104A	43	Halmahera Island
27D	25	Halmstad
41A	25	Hals
20D	20	Halsa
23D	24	Halsnoy
39A	25	Halsskov
23A	24	Halsvik
21B	20	Haltenoy
90B	37	Halul Island Terminal
26A	24	Halvorshavn
118D	45	Hamada
120D	45	Hamaoka
94B	40	Hambantota
2C	17	Hamble
42C	23	Hamburg
26C	24	Hamburgsund
172B	55	Hamilton (Bermuda)
182C	56	Hamilton (Canada)
	19	Hamilton (Irish Sea)
186B	51	Hamilton Inlet
34A	26	Hamina
38A	25	Hammeren
20D	21	Hammerfall
19D	21	Hammerfest
38A	25	Hammerhavn
19D	21	Hamnbukt
186A	57	Hampden
172C	58	Hampton Roads
87C	33	Hamrawein
89C	37	Hamriyah
89D	37	Hamriyah Terminal
135B	49	Hana
120D	45	Handa (Japan)
87A	35	Handa (Somalia)
150C	49	Hanga Roa
		Hangam Island, see Henjam Island
114B	47	Hangzhou
33C	26	Hanko
113D	47	Hankong
115A	47	Hankou
120B	45	Hannan
111C	41	Hanoi
41B	25	Hanstholm
47B	22	Hansweert
176B	57	Hantsport
134B	49	Hao Island
95B	40	Haora
32A	26	Haparandahamn
88B	33	Haql
32A	26	Haraholmen
	19	Harald
121C	45	Haramichi
	35	Harare
180C	56	Harbor Beach
168D	54	Harbor Island
184C	57	Harbour Breton
185A	57	Harbour Buffet
185B	57	Harbour Grace
42C	23	Harburg
23C	24	Hardangerfjord
40B	25	Hardeshoj
	19	Harding
45B	22	Hardinxveld
184C	57	Hare Bay (Newfoundland, N.E. coast)
186A	57	Hare Bay (Newfoundland, S. coast)
22B	24	Hareid
47D	22	Haren
49A	18	Harfleur
30B	24	Hargshamn
43D	22	Harlingen
143C	52	Harmac
		Harnosand, see Hernosand
80A	36	Harper
143A	52	Harriet Harbour
7B	17	Harrington
183D	57	Harrington Harbour
20B	21	Harstad
91C	37	Hartah Point
4C	17	Hartland Point
15B	16	Hartlepool
33B	26	Harvaluoto
176A	57	Harvey (Canada)
169D	54	Harvey (U.S.A.)
17A	17	Harwich
122A	45	Hashihama
38B	25	Hasle
30A	24	Hasselby
47C	22	Hasselt (Belgium)
44A	22	Hasselt (Netherlands)
2A	17	Hastings (England)
130A	48	Hastings (Westernport) (Australia)
143C	52	Hatch Point
24D	24	Hattholmen
110A	41	Hau Giang River
24A	24	Haugesund
22B	24	Haugsholmen
22C	24	Haugsvik
32B	26	Haukipudas
8C	17	Haulbowline Island
165A	60	Havana (Habana)
133A	48	Havannah Harbour
5C	17	Haverfordwest
183D	57	Havre St. Pierre
135A	49	Hawaii (HI)
135B	49	Hawaii Island
142B	52	Hawk Inlet
131C	49	Hawke Bay
186B	57	Hawke Harbour
184A	57	Hawkes Bay
130D	48	Hay Point (Dalrymple Bay)
70D	32	Haydarpasa
4B	17	Hayle
130D	48	Hayman Island
92D	40	Hazira Anchorage
185B	57	Hearts Content
179A	57	Heath Point
	19	Heather
15B	16	Hebburn
186C	51	Hebron
45B	22	Heerewaarden
26D	24	Heestrand
124A	47	Heianza
37C	25	Heiligenhafen
	19	Heimdal
96A	41	Heinze Creek
120D	45	Hekinan
20C	21	Heklestrand
36C	25	Hel
	19	Helder
4A	17	Helford River
29B	25	Helgenas
43A	23	Helgoland
19A	20	Helguvik
38C	25	Hellerup
22B	24	Hellesylt
46C	22	Hellevoetsluis
19A	20	Hellissandur
32C	26	Hellnas
85C	35	Hellville
	19	Helm
46C	22	Helmond
13C	16	Helmsdale
28A	25	Helsingborg
		Helsingor, see Elsinore
33D	26	Helsinki
35C	26	Heltermaa
24D	24	Helvig
47C	22	Hemiksem
42B	65	Hemmoor
21D	24	Hemnefjord
21A	21	Hemnesberget
27A	25	Henan
51D	30	Hendaye
134C	49	Henderson Island
45A	22	Hendrik Ido Ambacht
147D	60	Henecan
44A	22	Hengelo
92A	37	Henjam (Hangam) Island
50C	18	Hennebont
20C	21	Henningsvaer
32C	26	Heplotsund
		Heraklion, see Iraklion
62C	29	Hercegnovi
70D	32	Hereke
26B	24	Herfol
37A	25	Heringsdorf
184C	57	Hermitage Bay
184C	57	Hermitage Cove
	19	Hermod
107A	44	Hernani
1D	17	Herne Bay
31A	24	Hernosand (Harnosand)
	19	Heron
25B	24	Heroya
23D	24	Heroysund
30B	24	Herrang
25B	24	Herre
37C	25	Herrenwyk
176A	57	Herring Cove
185D	57	Herring Neck
33D	26	Herttoniemi
15D	16	Hessle
18D	20	Hesteyri
21D	24	Hestvika
	19	Hewett
130B	48	Hexham
17B	17	Heybridge
7A	17	Heysham
119D	45	Hibi
78A	34	Hierro
120A	45	Higashi-Harima
119C	45	Higashino
4D	17	Highbridge
	19	Highlander
35C	26	Hiiumaa Island
119A	45	Hikari
	19	Hild
23B	24	Hilleren
34A	26	Hillo
176A	57	Hillsborough
135C	49	Hilo
62D	29	Himare
120A	45	Himeji
118B	45	Himekawa
119D	45	Hinase
107B	44	Hinigaran
107B	44	Hinobaan
119A	45	Hirao
124B	47	Hirara
119B	45	Hiro
120A	45	Hirohata
121C	45	Hirono
119B	45	Hiroshima
119A	45	Hiroshima Bay
41B	25	Hirtshals
70C	29	Hisaronu (Filyos)
121C	45	Hitachi
121C	45	Hitachinaka
123A	45	Hitakatsu
21D	24	Hitra Island
18C	20	Hjalteyri
27A	25	Hjartholmen
24B	24	Hjelmeland
19D	21	Hjelmsoy
22A	24	Hjelset
27D	25	Hjo
22B	24	Hjorungavaag
110C	41	Ho Chi Minh City (Saigon)
129D	48	Hobart
47C	22	Hoboken (Belgium)
173D	58	Hoboken (NJ) (U.S.A.)
41A	25	Hobro
37D	65	Hochdonn
	19	Hod
88D	35	Hodeidah (Al Hudaydah)
18C	20	Hofdhakaupstadur (Skagastrond)
18A	20	Hofn
18C	20	Hofsos
173A	58	Hog Island
172D	58	Hog Point
28A	25	Hoganas
27C	24	Hoglunda
30B	24	Hogmarso
43A	23	Hohe Weg Light
42C	23	Hohenhorn
24D	24	Hoivaag
41D	25	Hojer
122A	45	Hojo
132A	48	Hokitika
117B	45	Hokkaido
38D	25	Holbaek
1B	17	Hole Haven
166B	60	Hole in the Wall
21D	24	Holla
180D	56	Holland
44D	22	Hollandsch Yssel, River
26C	24	Holm
18D	20	Holmavik
22D	24	Holmedal
42A	65	Holmer Siel
144B	52	Holmes Harbour
25D	24	Holmestrand
31C	24	Holmsund
		Holsteinsborg, see Sisimiut
37C	65	Holtenau
38B	25	Holtug
15A	16	Holy Island
10D	16	Holy Loch
5D	17	Holyhead
185B	57	Holyrood
45C	22	Homberg
142A	50	Homer
21A	20	Hommelsto
21C	24	Hommelvik
110A	41	Hon Chong
111A	41	Hon Khoi
122C	45	Honai
93B	40	Honavar
106A	44	Hondagua
84C	34	Hondeklip Bay
167A	60	Honduras (Caribbean)
147D	60	Honduras (Pacific)
49B	18	Honfleur
112D	38	Hong Kong
111C	41	Hongay
76B	30	Honian
125B	48	Honiara
19D	21	Honningsvaag
135B	49	Honoipu
135C	49	Honokaa
135B	49	Honolulu
27C	24	Honsater

Col. No.	Page No.	
117D	45	Honshu
135C	49	Honuapo
1C	17	Hoo
95B	40	Hooghly Point
95B	40	Hooghly, River
15D	16	Hook
44C	22	Hook of Holland
142B	52	Hoonah
70A	29	Hopa
164B	60	Hope Bay
186C	51	Hopedale
179A	57	Hopetown
172C	58	Hopewell
113C	47	Hoping
144D	52	Hoquiam
92A	37	Hormuz Island
92A	37	Hormuz Terminal
18A	20	Hornafjordur
31B	24	Horneborg
31C	24	Hornefors
54C	30	Hornillo
31B	24	Hornskaten
41D	23	Hornum
40C	25	Horsens
77A	34	Horta
25D	24	Horten
43A	23	Horumersiel
123D	45	Hososhima
17D	20	Hosvik
132D	48	Houailou
169C	54	Houma
14D	16	Hound Point
169A	54	Houston
168D	54	Houston Ship Channel
84C	34	Hout Bay
40C	25	Hov (Denmark)
26C	24	Hov (Norway)
162A	61	Hovensa (Hovic)
		Hovic, see Hovensa
15D	16	Howdendyke
173D	58	Howland Hook
8A	17	Howth
12D	16	Hoy
43A	23	Hoya
22D	24	Hoyanger
23D	24	Hoylandsbygdi
19A	20	Hrafneyri
18C	20	Hrisey
113C	47	Hsin Ta
149D	62	Huacho
113C	47	Hualien
149C	62	Huanchaco
115B	46	Huangdao
114A	47	Huanghua
112C	46	Huangpu
115A	47	Huangshi
149C	62	Huarmey
150C	63	Huasco
147C	59	Huatulco
30D	24	Hudiksvall
	19	Hudson
140B	51	Hudson Bay
173D	58	Hudson River
140B	51	Hudson Strait
111B	41	Hue
53C	30	Huelva
45A	22	Huissen
113A	47	Huizhou
113A	38	Huizhou Terminal
114D	47	Hukou
89C	37	Hulaylah Terminal
	19	Huldra
15D	16	Hull (Kingston upon Hull)
115D	46	Huludao
162B	61	Humacao
47D	22	Humbeek
15D	16	Humber, River
184A	57	Humbermouth
182C	56	Humberstone
22A	24	Humblen
103D	43	Humboldt Bay (Indonesia)
145C	50	Humboldt Bay (U.S.A.)
112C	46	Humen
38D	25	Hundested
	29	Hungary
113D	47	Hunghwa
117A	46	Hungnam
26D	24	Hunnebostrand
43A	23	Hunte, River
10C	16	Hunterston
146C	53	Huntington Beach Terminal
174A	58	Hunts Point
129D	48	Huon River
87C	33	Hurghada
180B	56	Huron
26A	24	Hurumlandet
18B	20	Husavik
23D	24	Husnes
25D	24	Husoy
21D	24	Hustad
42A	65	Husum (Germany)
31C	24	Husum (Sweden)
	19	Hutton
17C	20	Hvalba
19A	20	Hvaleyri
19A	20	Hvalfjordur
18D	20	Hvammstangi
62A	29	Hvar
62A	29	Hvar Island
24C	24	Hvidingso
126B	48	Hyane Harbour
142D	52	Hydaburg
174A	58	Hyde Park
63D	32	Hydra (Idhra) Island
56A	31	Hyeres Island
56A	31	Hyeres-Plage
21C	24	Hylla
2D	17	Hythe (Hampshire)
2A	17	Hythe (Kent)

I

Col. No.	Page No.	
169B	54	Iberia
153D	64	Ibicuy
153D	64	Ibicuy, River
54D	28	Ibiza
54D	28	Ibiza Island
85B	35	Ibo
71B	32	Icdas
18A	20	Iceland
120B	45	Ichinomiya
156B	62	Icoraci
26C	24	Iddefjord
		Idhra Island, see Hydra Island
74B	33	Idku
30A	24	Idsatravik
64C	32	Ierapetra
		Ierseke, see Yerseke
137D	14	Igarka
29D	24	Igelstaviken
30C	24	Iggesund
62D	29	Igoumenitsa
70D	32	Igsas
		IJmuiden, see Ymuiden
		Ijsselmeer, see Ysselmeer
		Ijsselmonde, see Ysselmonde
122C	45	Ikata
139B	14	Ikerasassuaq (Prins Christians Sound)
139A	14	Ikkatseq
22B	24	Ikornnes
119C	45	Ikuchishima
83C	36	Ikungulu
50D	30	Ile Chevire
50C	18	Ile de Groix
51A	30	Ile de Noirmoutier
51A	30	Ile de Re
51B	30	Ile d'Oleron
		Ile d'Ouessant, see Ushant Island
51A	30	Ile d'Yeu
50A	18	Ile Molene
56C	31	Ile Rousse
179C	57	Ile Verte
50C	18	Iles de Glenan
156D	62	Iles du Salut
4C	17	Ilfracombe
154D	64	Ilha Grande Bay
155B	62	Ilheus
67C	29	Ilichevsk
108B	44	Iligan
141B	14	Iliuliuk Harbour
181A	56	Illinois (IL)
150A	62	Ilo
107B	44	Iloilo
85D	35	Ilot Indien
139D	14	Ilulissat (Jakobshavn)
81C	36	Ima Terminal
122A	45	Imabari
91C	37	Imam Hasan
123A	45	Imari
34B	26	Imatra
154C	64	Imbituba
16B	16	Immingham
57B	31	Imperia
107B	44	Inampulugan Island
6C	17	Ince
116A	46	Incheon (Inchon)
14C	16	Inchkeith
	19	Inde
92B	40	India
185C	57	Indian Bay
186B	51	Indian Harbour
181A	56	Indiana (IN)
181A	56	Indiana Harbour
137C	14	Indigirka River
99A	42	Indonesia
102B	42	Indramayu
70C	29	Inebolu
152D	63	Ingeniero White
168D	54	Ingleside
177D	57	Ingonish
184A	57	Ingornachoix Bay
177A	57	Ingramport
85A	35	Inhambane
157D	62	Inirida , River
9C	17	Inishmore Island
9D	17	Inishtrahull Island
33C	26	Inkoo
34B	26	Inland Lakes (Finland)
20D	21	Innhavet
131A	48	Innisfail
119C	45	Innoshima
105A	43	Inobonto
129C	48	Inspection Head
4C	17	Instow
102A	42	Intan Terminal
169B	54	Intracoastal Waterway
11A	16	Inveraray
132A	48	Invercargill
13C	16	Invergordon
14C	16	Inverkeithing
10C	16	Inverkip
13C	16	Inverness
13C	16	Inverness Firth
144A	52	Ioco
138C	21	Iokanka
138C	21	Iokanka (Iokanski) Bay
138C	21	Iokanka River
		Iokanski Bay, see Iokanka Bay
177C	57	Iona
17A	17	Ipswich
140C	51	Iqaluit (Frobisher)
150B	62	Iquique
156D	62	Iquitos
		Irakleous Harbour, see St. George Harbour
64C	32	Iraklion (Heraklion)
69B	27	Iran (Caspian Sea)
91B	37	Iran (Persian Gulf)
91A	37	Iraq
172B	55	Ireland Island
103C	43	Irian Jaya
6D	17	Irlam
183A	57	Iroquois Lock
10B	16	Irvine
6D	17	Irwell
177B	57	Isaac's Harbour
107A	44	Isabel
109A	44	Isabela
165B	60	Isabela de Sagua
66D	29	Isaccea
18D	20	Isafjordur
58B	31	Ischia Island
148D	62	Iscuande
73A	33	Isdemir
124B	47	Ishigaki
124B	47	Ishigaki Island
117C	45	Ishikariwan Shinko
124B	47	Ishikawa
121D	45	Ishinomaki
49C	18	Isigny
75C	28	Isis Terminal
73A	33	Iskenderun
53C	30	Isla Cristina
164D	60	Isla de la Juventud (Isla de Pinos)
		Isla de Pascua, see Easter Island
		Isla de Pinos, see Isla de la Juventud
167A	60	Isla de Providencia
148B	60	Isla Herradura
166D	60	Isla San Andres
	38	Islamabad
11B	16	Islay Island
184B	57	Isle aux Morts
11A	17	Isle of Arran
11A	16	Isle of Bute
1B	17	Isle of Grain
7A	17	Isle of Man
14B	16	Isle of May
11D	16	Isle of Skye
10A	17	Isle of Whithorn
2C	17	Isle of Wight
4B	17	Isles of Scilly
		Ismail, see Izmail
74B	67	Ismailia
34A	26	Isnas
73D	33	Israel (Mediterranean)
88B	33	Israel (Red Sea)
66B	32	Istanbul
63B	29	Isthmia
156C	62	Itacoatiara
156C	62	Itaituba
154D	64	Itajai
56D	31	Italy
156A	62	Itaqui
2D	17	Itchen, River
63B	29	Itea
63A	29	Ithaka Island
119C	45	Itozaki
139A	14	Ittoqqortoormiit (Scoresby Sound)
137B	39	Iturup Island
42A	65	Itzehoe
139B	14	Ivittuut
80A	36	Ivory Coast
119C	45	Iwagi
119C	45	Iwagishima
119A	45	Iwakuni
117C	45	Iwanai
124B	47	Iwojima
147B	59	Ixtapa
66D	29	Izmail (Ismail)
71D	32	Izmir
71A	32	Izmit
61A	31	Izola
51C	30	Izon
123A	45	Izuhara
120C	45	Izumisano
121B	45	Izu-Oshima

J

Col. No.	Page No.	
		Jabal az Zannah, see Jebel Dhanna Terminal
127C	48	Jabiru Terminal
61D	31	Jablanac
186A	57	Jacksons Arm
171C	55	Jacksonville
163B	61	Jacmel
154C	64	Jacui, River
43A	23	Jade Bay
92D	40	Jafarabad
		Jaffa, see Yafo
94C	40	Jaffna
107D	44	Jagna
93A	40	Jaigarh
104A	43	Jailolo
102A	42	Jakarta
92B	40	Jakhau
		Jakobshavn, see Ilulissat
		Jakobstad, see Pietarsaari
142A	50	Jakolof Bay
124D	48	Jaluit
163C	60	Jamaica
174A	58	Jamaica Bay
101C	42	Jambi (Telanaipura)
101C	42	Jambi, River
98D	42	Jambongan Island
140B	51	James Bay
143C	52	James Island
172C	58	James River
84B	34	Jamestown (St. Helena and Dependencies)
174C	58	Jamestown (U.S.A.)
92C	40	Jamnagar Terminal
138D	14	Jan Mayen Island
116B	46	Janghang
99C	42	Jangkar
116C	46	Jangseungpo
93A	40	Janjira
117B	45	Japan
156C	62	Jari, River
37A	25	Jarmen
28C	25	Jarnavik
15B	16	Jarrow
108A	44	Jasaan
86D	35	Jasiira
92A	37	Jask
54D	28	Javea
101D	42	Jawa
102D	42	Jawa Head
93A	40	Jawaharlal Nehru (Nhava Sheva)
103D	43	Jayapura
73D	33	Jbeil
169C	54	Jeanerette
89D	37	Jebel Ali

Col. No.	Page No.	
90A	37	Jebel Dhanna (Jabal az Zannah) Terminal
88C	35	Jeddah
177A	57	Jeddore
143A	52	Jedway
170C	54	Jeffersonville (IN)
116B	46	Jeju (Cheju)
116B	46	Jeju (Cheju) Island
24B	24	Jelsa
102B	42	Jepara
163B	61	Jeremie
3A	18	Jersey
173D	58	Jersey City (NJ)
184C	57	Jerseyman Harbour
	29	Jerusalem
130B	48	Jervis Bay
112B	46	Jiangmen
114D	47	Jiangpu
114C	47	Jiangyin
114A	47	Jiaojiang
115B	46	Jiaozhou Bay
114B	47	Jiaxing
73D	33	Jieh
76A	28	Jijel
108B	44	Jimenez
114C	47	Jingjiang
		Jingtang, see Tangshan
116C	46	Jinhae (Chinhae)
113B	47	Jinmen Island (Quemoy)
114B	47	Jinshan
115D	46	Jinxi
115D	46	Jinzhou
114D	47	Jiujiang
115A	47	Jiulongpo
112B	46	Jiuzhou
	19	Joanne
162C	61	Jobos
34C	26	Joensuu
176B	57	Joggins
30D	24	Johannedal
14A	16	Johnshaven
	19	Johnston
135A	49	Johnston Atoll
97A	42	Johore Bahru
109A	44	Jolo
109A	44	Jolo Island
174A	58	Jones Point
27D	25	Jonkoping
28A	25	Jonstorp
88B	33	Jordan
76D	34	Jorf Lasfar
24B	24	Jorpeland
154B	64	Jose Ignacio Terminal
106A	44	Jose Panganiban
24C	24	Jossingfjord
73D	33	Jounieh
34B	26	Joutseno
20A	21	Jovik
85D	35	Juan de Nova Island
90C	37	Juaymah Terminal
90C	37	Jubail
69D	29	Jubska
164D	60	Jucaro
177D	57	Judique
	19	Judy
40C	25	Juelsminde
43B	22	Juist
		Julianehaab, see Qaqortoq
142B	52	Juneau
150B	62	Junin
79D	36	Junk River
171B	55	Jupiter
11B	16	Jura Island
97A	42	Jurong Port
40B	25	Jutland

K

	19	K 7
20A	21	Kaafjord
135B	49	Kaanapali
24A	24	Kaarsto
28B	25	Kaaseberga
108C	44	Kabasalan
66A	32	Kabatepe
91B	37	Kabda
20C	21	Kabelvaag
101B	42	Kabil
	38	Kabul
93D	40	Kadmat Island
	19	Kaergarde
31D	26	Kage
31D	26	Kagefjarden
29D	24	Kagghamra
123C	45	Kagoshima
99D	42	Kahayan, River
135B	49	Kahului
173B	58	Kaighns Point Anchorage
103C	43	Kaimana
120C	45	Kainan
131B	48	Kaipara
157C	62	Kaituma, River
103C	43	Kaiwatu
104D	43	Kajang
123D	45	Kajiki
97C	41	Kakap Terminal
142C	52	Kake
95A	40	Kakinada
120A	45	Kakogawa
68C	27	Kalach-na-Donu
95D	40	Kaladan, River
32C	26	Kalajoki
145A	52	Kalama
63D	32	Kalamaki
63D	32	Kalamaki Bay
63C	29	Kalamata
89B	37	Kalba
102D	42	Kalbut
73B	33	Kalecik
71B	32	Kalekoy
64C	32	Kali Limenes
102C	42	Kalianget
99A	42	Kalimantan
95A	40	Kalingapatnam (Calingapatnam)
36B	26	Kaliningrad
32A	26	Kalix
47C	22	Kallo (Belgium)
33A	26	Kallo (Finland)
30C	24	Kallskar
29B	25	Kallvik
31C	26	Kallviken
28D	25	Kalmar
29D	24	Kalmarsand
93D	40	Kalpeni Island
36A	26	Kaltene
38D	25	Kalundborg
94C	40	Kalutara
22C	24	Kalvaag
38B	25	Kalvehave
25A	24	Kalvild
72B	32	Kalymnos
72A	32	Kalymnos Island
65D	32	Kalyvia
68D	27	Kama, River
121D	45	Kamaishi
88D	35	Kamaran
88D	35	Kamaran Island
66A	32	Kamariotissa Bay
26B	24	Kambo
104D	43	Kambunong
137A	14	Kamchatka Peninsula
138A	21	Kamenka
11A	16	Kames Bay
36D	25	Kamien Pomorski
123A	45	Kaminoshima
121A	45	Kamo
	35	Kampala
44A	22	Kampen
110A	41	Kampot
		Kampuchea, see Cambodia
102C	42	Kampung Bantjar
79C	36	Kamsar
68D	27	Kamyshin
64C	32	Kanaba
96B	40	Kanalla
118B	45	Kanazawa
122D	45	Kanda
138B	21	Kandalaksha
70D	32	Kandilli
92B	40	Kandla
139C	14	Kangaamiut
129A	48	Kangaroo Island
139C	14	Kangerluarsoruseq (Faeringehavn)
139C	14	Kangerlussuaq
139B	14	Kangilinnguit (Gronnedal)
138A	21	Kanin Peninsula
94C	40	Kankesanturai
122C	45	Kannoura
119A	45	Kanokawa
96B	41	Kantang
		Kanton Island, see Canton Island
33D	26	Kantvik
		Kanur, see Cannanore
113C	47	Kaohsiung
78D	36	Kaolack
		Kap Tobin, see Uunarteq
47D	22	Kapelle op den Bos
30B	24	Kapellskar
37D	25	Kappeln
29B	25	Kappelshamn
137D	14	Kara Sea
71B	32	Karabiga
92B	40	Karachi
72C	32	Karagace
96A	41	Karathuri
123A	45	Karatsu
73A	33	Karavostassi (Cyprus)
64C	32	Karavostassi (Greece)
132D	48	Karembe
72C	32	Kargi
94D	40	Karikal
65B	32	Karistos
30B	24	Karlholm
61D	31	Karlobag
72A	32	Karlovassi
32A	26	Karlsborg
28C	25	Karlshall
28C	25	Karlshamn
28C	25	Karlskrona
20A	21	Karlsoy
46B	20	Karlsruhe
27C	24	Karlstad
24A	24	Karmoy
105A	43	Karosa
72B	32	Karpathos Island
39A	25	Karrebaeksminde
30B	24	Karskar
70D	32	Kartal
127A	48	Karumba
91C	37	Karun, River
93B	40	Karwar
72C	32	Kas
89A	35	Kas Hilf
142C	52	Kasaan
119A	45	Kasado
119D	45	Kasaoka
93C	40	Kasaragod
137B	39	Kasatka Bay
121C	45	Kashima
118B	45	Kashiwazaki
103D	43	Kasim
32D	26	Kaskinen (Kasko)
35B	26	Kasmu
79C	36	Kassa Island
62A	29	Kastel Sucurac
		Kastellorizon Island, see Megisti Island
65D	32	Kastro (Lemnos Island)
64B	32	Kastro (Milos Island)
38C	25	Kastrup
119D	45	Katagami
63C	29	Katakolon
136C	14	Katangli
64D	32	Katapola Bay
	38	Kathmandu
40D	25	Katholm
120C	45	Katsuura
141A	50	Kattovik
44C	22	Katwijk aan Zee
135A	49	Kauai Island
34B	26	Kaukas
34B	26	Kaukopaa
135B	49	Kaumalapau Harbour
135B	49	Kaunakakai Harbour
33A	26	Kaunisaari
79A	36	Kau-ur
65D	32	Kavala
93D	40	Kavaratti Island
66C	29	Kavarna
92A	37	Kaveh
126A	48	Kavieng
69C	29	Kavkaz
135C	49	Kawaihae
122C	45	Kawanoishi
121B	45	Kawasaki
117D	45	Kawauchi
94C	40	Kayts
69A	27	Kazakhstan
124B	47	Kazan Islands
71A	32	Kazuklu Iskelessi
65A	32	Kea Island
16A	16	Keadby
173C	58	Kearney
96C	41	Kedah River
		Keeling Islands, see Cocos Islands
113C	47	Keelung (Chilung)
		Kefallinia Island, see Cephalonia Island
19B	20	Keflavik
46B	20	Kehl
34A	26	Keihassalmi
94A	35	Kelaa
97D	41	Kelantan River
126B	48	Kelaua Harbour
63C	32	Kelendhi Point
34B	26	Kellosalmi
145A	52	Kelso
138B	21	Kem
97C	41	Kemaman
32B	26	Kemi
33B	26	Kemio Island
103A	42	Kempo
142A	50	Kenai
104D	43	Kendari
100A	42	Kendawangan
82C	36	Kendje
125C	48	Kenelo
76D	30	Kenitra
9A	17	Kenmare
98D	42	Kennedy Bay
181A	56	Kenosha
86D	35	Kenya
64B	32	Keratsini Bay
94C	40	Kerawalapitiya Terminal
68B	29	Kerch (Kertch)
138B	21	Keret
151D	11	Kerguelen Island
75C	28	Kerkennah Islands
		Kerkira Island, see Corfu Island
		Kerkira, see Corfu
132B	49	Kermadec Islands
50C	18	Keroman
		Kertch, see Kerch
97C	41	Kerteh Terminal
39D	25	Kerteminde
121D	45	Kesennuma
80B	36	Keta
100A	42	Ketapang
	19	Ketch
177A	57	Ketch Harbour
142D	52	Ketchikan
1C	17	Kethole Anchorage
181B	56	Kewaunee
171B	55	Key West
136D	14	Khabarovsk
		Khalkis, see Chalkis
92D	40	Khambat
		Khania, see Canea
109B	41	Khanom
91C	37	Kharg Island
	35	Khartoum
89C	37	Khasab
135C	39	Khasan
137D	14	Khatanga
137C	14	Khatanga Bay
137C	14	Khatanga, River
63D	32	Kheli
68A	29	Kherson
		Khios Island, see Chios Island
		Khios, see Chios
136C	14	Khoe
136B	39	Kholmsk
75A	28	Khoms
91B	37	Khor al Amaya Terminal
90D	37	Khor al Ami
90D	37	Khor al Mufatta
91B	37	Khor al Zubair
89B	37	Khor Fakkan
91C	37	Khor Musa
68A	29	Khorly
91B	37	Khorramshahr
73A	33	Khrysokhu Bay
95C	40	Khulna
63B	29	Kiato
37C	65	Kiel
37C	65	Kiel Canal (Nord-Ostsee Kanal)
125D	48	Kieta
	27	Kiev
	35	Kigali
35D	26	Kihelkonna
123C	45	Kiire
101B	42	Kijang
101B	42	Kijang Strait
137A	14	Kikchik
127A	48	Kikori
122A	45	Kikuma
94B	40	Kilakkaria
11D	16	Kilchoan
11B	16	Kilchoman
10D	16	Kilcreggan
11B	16	Kildonan Point
86D	35	Kilifi
70C	29	Kilimli
66D	29	Kiliya
7D	17	Kilkeel
9B	17	Killadysert
9C	17	Killala

Col. No.	Page No.	
9C	17	Killala Bay
182A	56	Killarney
9C	17	Killary Bay
9D	17	Killybegs
7D	17	Killyleagh
8D	17	Kilmacsimon
8B	17	Kilmore
		Kilpilahti, see Skoldvik
9C	17	Kilronan
7D	17	Kilroot
9B	17	Kilrush
25A	24	Kilsund
93D	40	Kiltan Island
86C	35	Kilwa Kisiwani
86C	35	Kilwa Kivinje
86C	35	Kilwa Masoko
126A	48	Kimbe
126A	48	Kimbe Bay
		Kimchaek, see Songjin
65B	32	Kimi
		Kimitsu, see Kisarazu
64B	32	Kimolos
64B	32	Kimolos Island
124A	47	Kin Bay
45A	22	Kinderdijk
69A	27	Kineshma
		King Abdul Aziz Port, see Dammam
141C	50	King Cove
152A	15	King Edward Cove
90D	37	King Fahd Port (Persian Gulf)
88C	35	King Fahd Port (Red Sea)
129C	48	King Island
4D	17	King Road
	19	Kingfisher
14C	16	Kinghorn
		Kingissepp, see Kuresaare
135A	49	Kingman Reef
171C	55	Kings Bay
16C	17	King's Lynn
3C	17	Kingsbridge
129A	48	Kingscote
1C	17	Kingsnorth
176B	57	Kingsport
129B	48	Kingston (Australia)
182D	56	Kingston (Canada)
163D	60	Kingston (Jamaica)
173D	58	Kingston (U.S.A.)
		Kingston upon Hull, see Hull
160D	61	Kingstown
182B	56	Kingsville
12A	16	Kinlochbervie
11C	16	Kinlochleven
14A	16	Kinnairds Head
119C	45	Kinoe
119B	45	Kinoura
8D	17	Kinsale
	34	Kinshasa
120D	45	Kinuura
10A	17	Kippford
134D	48	Kiribati
135A	49	Kiritimati (Christmas Island)
126C	48	Kiriwina Island
14C	16	Kirkcaldy
10A	17	Kirkcudbright
19C	21	Kirkenes
139B	14	Kirkespirdalen
12D	16	Kirkwall
34D	26	Kirovsk
121B	45	Kisarazu (Kimitsu)
	27	Kishinev
120B	45	Kishiwada
73D	33	Kishon
12A	16	Kishorn
141C	14	Kiska Harbour
141C	14	Kiska Island
86D	35	Kismayu (Kismaayo)
64D	32	Kissamos
79D	36	Kissy
19D	21	Kistrand
86C	35	Kiswere
136D	14	Kitakaozawa
		Kitami-Esashi, see Esashi
63D	32	Kithira
63D	32	Kithira Island
64B	32	Kithnos Island
143A	52	Kitimat
13B	19	Kittiwake
126D	48	Kiunga
141A	50	Kivalina
28B	25	Kivik
108B	44	Kiwalan
66B	32	Kiyikoy (Midye)
72B	32	Kizilyer
19D	21	Kjollefjord
20C	21	Kjopsvik
67A	29	Kladovo
28B	25	Klagshamn
36A	26	Klaipeda
18A	20	Klaksvik
34B	26	Klamila
142C	52	Klawock
129A	48	Klein Point
45C	22	Kleve
24D	24	Kleven
29A	25	Klintehamn
38B	25	Klintholm
41B	25	Klitmoller
32D	26	Klobbskar
144D	52	Knappton
23B	24	Knarrevik
40D	25	Knebel
84C	34	Knysna
109D	41	Ko Sichang
19D	21	Kobbevag
120B	45	Kobe
		Kobenhavn, see Copenhagen
32D	26	Koberget
46A	20	Koblenz
122C	45	Kochi (Japan)
93C	40	Kochi (Cochin) (India)
141D	50	Kodiak
141D	50	Kodiak Island
38B	25	Koge
31A	24	Koja
		Koje Island, see Goeje Island
33B	26	Kokkila
94B	40	Kokkilai
32C	26	Kokkola
80D	36	Koko
125D	48	Kokopo
125B	48	Kokum Beach
125B	48	Kokumbona Beach
122D	45	Kokura
138C	21	Kola
138C	21	Kola Inlet
104D	43	Kolaka
108B	44	Kolambugan
40A	25	Kolby Kaas
40C	25	Kolding
81D	36	Kole Terminal
138A	14	Kolguyev Island
125A	48	Koli Point
137C	14	Koliuchin Bay
36A	26	Kolka
95B	40	Kolkata (Calcutta)
17D	20	Kollafjordur
93D	40	Kollam (Quilon)
42B	23	Kollmar
23B	24	Kollsnes
		Koln, see Cologne
135B	49	Kolo Harbour
36C	25	Kolobrzeg
125C	48	Kolombangara Island
21A	20	Kolvereid
137C	14	Kolyma River
19D	21	Komagfjord
67B	29	Komarno
122B	45	Komatsushima
82A	36	Kome-Kribi
123C	45	Komenotsu
62B	29	Komiza
		Kompong Som, see Sihanoukville
136D	14	Komsomolsk
35A	9	Kondopoga
41A	25	Kongsdal
138D	14	Kongsfjord
17D	20	Kongshavn
21A	20	Kongsmoen
124A	45	Koniya
126C	48	Konstantin Harbour
68C	27	Konstantinovsk
44B	22	Koog aan den Zaan
18B	20	Kopasker
19B	20	Kopavogur
61A	31	Koper (Capodistria)
24A	24	Kopervik
29D	24	Koping
		Kopli, see Paljassaare
31B	24	Kopmanholmen
27B	24	Kopmannebro
28A	25	Kopparverkshamn
92B	40	Korangi
62B	29	Korcula
62B	29	Korcula Island
116A	46	Korea, North
116A	46	Korea, South
137B	14	Korf
137B	14	Korfa Bay
		Korinthos, see Corinth
67C	28	Korneuburg
61B	31	Koromacno
124C	48	Koror
136B	39	Korsakov
19B	20	Korsnes (Iceland)
20D	21	Korsnes (Norway)
39A	25	Korsor
72B	32	Kos
72B	32	Kos Island
116C	46	Kosong
124D	48	Kosrae Island
87C	33	Kosseir (El Quseir)
69A	27	Kostroma
100B	42	Kota Agung
97D	41	Kota Baharu
99D	42	Kota Baru
98D	42	Kota Kinabalu
34A	26	Kotka
34D	26	Kotlin Island
62C	29	Kotor
	19	Kotter
132C	48	Kouaoua
157A	62	Kourou
157A	62	Kourou, River
64B	32	Koutala
138B	21	Kovda
33C	26	Koverhar
112D	38	Kowloon
93C	40	Kozhikode (Calicut)
36D	29	Kozle
67A	29	Kozloduy
70C	29	Kozlu
80C	36	Kpeme
96B	41	Krabi
25B	24	Kragero
31C	26	Krakanger
160A	61	Kralendijk
44D	22	Kralingscheveer
61C	31	Kraljevica
31A	24	Kramfors
25B	24	Krana
36D	25	Krasnica
136B	39	Krasnogorsk
		Krasnovodsk, see Turkmenbashi
68C	27	Krasnyye Barrikady
162A	61	Krause Lagoon
42B	65	Krautsand
45D	22	Krefeld
68A	29	Kremenchug
82A	36	Kribi
41B	25	Krik
64D	32	Krikelo
45A	22	Krimpen aan den Lek
44D	22	Krimpen aan den Yssel
63B	29	Krioneri
94D	40	Krishnapatnam
24D	24	Kristiansand
21D	24	Kristiansund
32D	26	Kristiinankaupunki (Kristinestad)
27C	24	Kristinehamn
		Kristinestad, see Kristiinankaupunki
		Kriti Island, see Crete Island
61C	31	Krk (Veglia)
61C	31	Krk (Veglia) Island
19A	20	Kroksfjardarnes
27B	24	Krokstad
26C	24	Krokstrand
34D	26	Kronshtadt
37A	25	Kroslin
18C	20	Krossanes
100B	42	Kru
42B	23	Kruckau, River
100D	42	Krueng Geukueh
100C	42	Kruengraya (Malahayati)
47C	22	Kruibeke
137A	14	Krutogorova River
98B	43	Kuala Belait
100D	42	Kuala Beukah Terminal
101C	42	Kuala Enok
99D	42	Kuala Kapuas
	41	Kuala Lumpur
101A	42	Kuala Mandau
97C	41	Kuala Pahang
96C	41	Kuala Perlis
97B	41	Kuala Rompin
96D	41	Kuala Selangor
100D	42	Kuala Tanjung
97C	41	Kuala Terengganu
100D	42	Kualalangsa
99C	42	Kualasamboja
101C	42	Kualatungkal
105A	43	Kuandang
97C	41	Kuantan
91A	37	Kubbar Island
30D	24	Kubikenborg
97D	42	Kuching
123B	45	Kuchinotsu
119A	45	Kudamatsu
98D	42	Kudat
83B	36	Kuito Terminal
35C	26	Kuivastu
122A	45	Kuji
		Kullorsuaq, see Kulusuk
95B	40	Kulpi
141C	14	Kuluk Bay
139A	14	Kulusuk (Kullorsuaq)
93B	40	Kumta
126D	48	Kumul Terminal
99A	42	Kunak
137B	39	Kunashir Island
35B	26	Kunda
27A	25	Kungalv
27D	25	Kungsbacka
26D	24	Kungshamn
29D	24	Kungsor
123A	45	Kunisaki
		Kunsan, see Gunsan
79A	36	Kuntaur
34C	26	Kuopio
103B	43	Kupang
142C	52	Kupreanof Island
119B	45	Kure
35C	26	Kuressaare (Kingissepp)
121A	45	Kurihama
137A	39	Kurile Islands
130B	48	Kurnell
118B	45	Kuroshima
70C	29	Kurucasile
72A	32	Kusadasi
117D	45	Kushiro
136B	39	Kushunnai
95C	40	Kutubdia Island
139A	14	Kuummiut
34C	26	Kuuslahti
90D	37	Kuwait
91A	37	Kuwait (Al Kuwayt)
		Kuybyshev, see Samara
71B	32	Kuzu
20D	21	Kvalvaag
20A	21	Kvesmenes
24C	24	Kvinesdal
21D	24	Kvisvik
		Kwa Ibo Terminal, see Qua Iboe Terminal
47C	22	Kwaadmechelen
112D	38	Kwai Chung
124D	48	Kwajalein
124D	48	Kwajalein Atoll
112A	41	Kwangchow Bay
		Kwangyang, see Gwangyang
128B	48	Kwinana
111B	41	Ky Ha
95D	41	Kyaukpyu
11D	16	Kyle of Lochalsh
11D	16	Kyleakin
29B	25	Kyllej
63C	29	Kyllini
65B	32	Kymassi
38D	25	Kyndby
116A	46	Kyomipo
63C	29	Kyparissia
73A	33	Kyrenia
	11	Kyrgyzstan
27B	24	Kyrkebyn
21D	24	Kyrksaetrora
122D	45	Kyushu

L

Col. No.	Page No.	
183B	57	La Baie
54C	28	La Calera
75D	28	La Calle
54D	28	La Canal
167A	60	La Ceiba (Honduras)
159A	61	La Ceiba (Venezuela)
56A	31	La Ciotat
51B	30	La Coubre
147B	59	La Cruz de Huanacaxtle
78A	34	La Estaca
158D	61	La Estacada
58D	28	La Fabbrica
51A	30	La Flotte
78B	34	La Gouera
75C	31	La Goulette
158B	61	La Guaira

Col. No.	Page No.	
52D	28	La Guardia
176D	57	La Have
176D	57	La Have River
77D	34	La Hondura
53C	30	La Laja
149A	62	La Libertad (Ecuador)
147D	60	La Libertad (El Salvador)
54A	30	La Linea
56D	31	La Maddalena
49B	18	La Mailleraye
55D	31	La Mede
82C	36	La Mondah
55C	31	La Nouvelle
51A	30	La Pallice
148C	60	La Palma
154B	64	La Paloma
149D	62	La Pampilla
153C	64	La Paz (Argentina)
	62	La Paz (Bolivia)
146D	59	La Paz (Mexico)
108D	44	La Paz (Philippines)
51B	30	La Perotine
170A	54	La Place
153A	64	La Plata
86A	35	La Possession
50D	18	La Roche Bernard
51B	30	La Rochelle
163A	61	La Romana
159A	61	La Salina
77D	34	La Salineta
54D	28	La Savina
185D	57	La Scie
150C	63	La Serena
56A	31	La Seyne
75B	28	La Skhira
57C	31	La Spezia
148D	62	La Tola
51B	30	La Tremblade
161A	61	La Trinite
50C	18	La Trinite sur Mer
147D	60	La Union (El Salvador)
108D	44	La Union (Philippines)
158C	61	La Vela de Coro
78A	34	Laayoune (Aaiun)
133C	49	Labasa (Lambasa)
50A	18	L'Aber Wrach
50A	18	L'Aberildut
37C	65	Laboe
36A	26	Labrags
103A	42	Labuan Amuk
103A	42	Labuan Haji
98C	42	Labuan Island
98D	42	Labuan Terminal
104B	43	Labuha
101A	42	Labuhan Bilik
		Laccadive Islands, see Lakshadweep
153D	64	Ladario
144A	52	Ladner
143C	52	Ladysmith
126C	48	Lae
124D	48	Lae Island
109D	41	Laem Chabang
23A	24	Laerdalsoyri
41A	25	Laeso
163C	61	Laffiteau
52C	30	Lage
154C	64	Lagoa dos Patos
155B	64	Lagoa Parda Terminal
65D	32	Lagos (Greece)
80D	36	Lagos (Nigeria)
53C	30	Lagos (Portugal)
168A	59	Laguna de Terminos
159A	61	Lagunillas
98D	42	Lahad Datu
135B	49	Lahaina
46A	20	Lahnstein
115C	46	Laizhou
115C	46	Laizhou Bay
77A	34	Lajes
34B	26	Lakasaari
55D	31	Lake Berre
169B	54	Lake Charles
182B	56	Lake Erie (Canada)
180A	56	Lake Erie (U.S.A.)
181D	56	Lake Huron (Canada)
180C	56	Lake Huron (U.S.A.)
143B	52	Lake Kennedy
34D	26	Lake Ladoga
181C	56	Lake Linden
29D	24	Lake Malaren
158D	61	Lake Maracaibo
180D	56	Lake Michigan
35A	9	Lake Onega
182C	56	Lake Ontario (Canada)
180A	56	Lake Ontario (U.S.A.)
182B	56	Lake St. Clair
181C	56	Lake Superior
74B	67	Lake Timsah
27B	24	Lake Vanern
27D	24	Lake Vattern
95C	40	Lakhya River
109B	41	Lakon
23B	24	Laksevaag
93D	40	Lakshadweep (Laccadive Islands)
34A	26	Lakulahti
101C	42	Lalang River
101B	42	Lalang Terminal
106B	44	Lallo
184D	57	Lamaline
105C	44	Lamao
12D	16	Lamb Head
		Lambasa, see Labasa
127C	48	Laminaria-Corallina Terminal
106A	44	Lamit Bay
109A	44	Lamitan
61D	31	Lamjana
11B	16	Lamlash
112D	38	Lamma Island
106A	44	Lamon Bay
59B	28	Lampedusa
59B	28	Lampedusa Island
100A	42	Lampung Bay
86D	35	Lamu
135B	49	Lanai Island
47C	22	Lanaken
7A	17	Lancaster
	19	Lancelot
		Landana, see Cacongo
50B	18	Landerneau
4B	17	Land's End
28A	25	Landskrona
25C	24	Langangen
39C	25	Langeland
126C	48	Langemak Bay
43B	22	Langeoog
48A	22	Langerbrugge
25B	24	Langesund
25B	24	Langesundsfjord
33A	26	Langnasudd
25D	24	Langoya
100D	42	Langsa Terminal
21C	24	Langstein
2B	17	Langstone Harbour
50A	18	Lannion
183A	57	Lanoraie
115B	46	Lanshan
77C	34	Lanzarote
106C	44	Laoag
106D	44	Laoang
	41	Laos
32C	26	Lapaluoto
138A	21	Lapominka Island
34B	26	Lappeenranta
33C	26	Lappohja
33C	26	Lappvik
76D	30	Larache (El Aaraich)
103B	43	Larantuka
106A	44	Larap Bay
14B	16	Largo Bay
10C	16	Largs
65B	32	Larimna
156D	62	Larivot
184B	57	Lark Harbour
26B	24	Larkollen
73B	33	Larnaca
7C	17	Larne
22B	24	Larsnes
25C	24	Larvik
52A	30	Las Arenas
163B	61	Las Calderas
167D	60	Las Coloradas
162C	61	Las Mareas (Guayama)
166B	60	Las Minas Bay
159A	61	Las Morochas
77D	34	Las Palmas (Puerto de la Luz)
166D	60	Las Perlas
158D	61	Las Piedras
150D	63	Las Salinas
112B	46	Lasawei
102B	42	Lasem
62B	29	Lastovo
62B	29	Lastovo Island
		Latakia, see Lattakia
6C	17	Latchford
73A	33	Latchi
73C	33	Lattakia (Latakia)
35D	26	Latvia
42C	23	Lauenburg
129C	48	Launceston
152A	15	Laurie Island
65A	32	Laurium (Lavrion)
37A	25	Lauterbach
133B	49	Lautoka
21B	20	Lauvsnes
43C	22	Lauwersmeer
179C	57	Lauzon
91D	37	Lavan Island
56A	31	Lavera
		Lavrion, see Laurium
98C	43	Lawas
99C	42	Lawe-Lawe Terminal
9A	17	Lawrence Cove
136D	14	Lazarev
147B	59	Lazaro Cardenas
50A	18	Le Conquet
50D	30	Le Croisic
48D	18	Le Crotoy
49B	18	Le Grand Quevilly
49D	18	Le Guildo
49A	18	Le Havre
48D	18	Le Hourdel
56A	31	Le Lavandou
49D	18	Le Legue
50C	18	Le Palais
50C	18	Le Pouldu
50D	30	Le Pouliguen
49A	18	Le Trait
48D	18	Le Treport
51C	30	Le Verdon
49D	18	Le Vivier sur Mer
182B	56	Leamington
26A	24	Leangen
128A	48	Learmonth
108C	44	Lebak
73C	33	Lebanon
151A	63	Lebu
9C	17	Leenaun
43B	22	Leer
43A	23	Leeseringen
43D	22	Leeuwarden
105D	44	Legazpi
127D	48	Legendre Terminal
57D	31	Leghorn (Livorno)
35C	26	Lehtma
44C	22	Leiden
44C	22	Leiderdorp
1B	17	Leigh
19D	21	Leirpollen
24C	24	Leirvik (Listafjord)
23C	24	Leirvik (Stordoy)
14D	16	Leith
152A	15	Leith Harbour
53A	28	Leixoes
45A	22	Lek, River
45A	22	Lekkerkerk
32C	26	Lekmosund
112B	46	Leliu
44A	22	Lelystad
	19	Leman
103A	42	Lembar (Ampenan)
43D	22	Lemmer
65D	32	Lemnos Island
41C	25	Lemvig
43A	23	Lemwerder
137C	14	Lena, River
133A	48	Lenakel
141C	50	Lenard Harbour
		Leningrad, see St. Petersburg
	15	Leningradskaya
69C	27	Lenkoran
	19	Lennox
163C	61	Leogane
32C	26	Leppaluoto
51D	30	Lequeitio
168A	59	Lerma
72A	32	Leros Island
13A	16	Lerwick
183C	57	Les Escoumins
76A	28	Les Falaises
179B	57	Les Mechins
3B	18	Les Minquiers
136D	14	Lesogorsk
	35	Lesotho
66C	29	Lesport
56A	31	L'Estaque
71C	32	Lesvos Island
176A	57	L'Etang
156D	62	Leticia
9D	17	Letterkenney
151B	63	Leutepo
21C	24	Levanger
14B	16	Leven
125C	48	Lever Harbour
12B	16	Leverburgh
45D	22	Leverkusen
179C	57	Levis
65B	32	Levkandi
63A	29	Levkas Island
133B	49	Levuka
173A	58	Lewes
12B	16	Lewis
185D	57	Lewisporte
107A	44	Leyte Island
49D	18	Lezardrieux
100C	42	Lhokngа
100D	42	Lhokseumawe
99B	42	Lhotuan
109A	44	Lianga
112C	46	Lianhuashan
115B	46	Lianyungang
79D	36	Liberia
51C	30	Libourne
82C	36	Libreville
104C	43	Libuo
74C	28	Libya
59B	28	Licata
27C	24	Lidkoping
60D	31	Lido
	28	Liechtenstein
47B	22	Liefkenshoek
47C	22	Liege
36A	26	Lielirbe
111B	41	Lien Chieu Bay
36A	26	Liepaja
133C	49	Lifuka Island
26C	24	Liholt
30A	24	Liljeholmsviken
49A	18	Lillebonne
19D	21	Lillebukt
25A	24	Lillesand
47B	22	Lillo
	35	Lilongwe
153A	64	Lima (Argentina)
	62	Lima (Peru)
73A	33	Limassol
49B	18	Limay (France)
105C	44	Limay (Philippines)
98C	43	Limbang
81D	36	Limbe (Victoria)
81D	36	Limboh Terminal
65D	32	Limenaria
9B	17	Limerick
162A	61	Limetree Bay
41A	25	Limfjord (Kattegat)
41B	25	Limfjord (North Sea)
28B	25	Limhamn
57C	31	Limite
65B	32	Limni
61B	31	Limski Canal (Canal di Leme)
138C	21	Linakhamari
157B	62	Linden (Guyana)
173C	58	Linden (U.S.A.)
126A	48	Linden Harbour
24D	24	Lindesnes
24D	24	Lindesneshalvoya
41A	25	Lindholm Pier
86C	35	Lindi
39D	25	Lindo
134D	49	Line Islands
108C	44	Linek
		Lingah, see Bandar Lengeh
125B	48	Lingatu Cove
106C	44	Lingayen
97D	42	Lingga
145A	52	Linnton
59B	28	Linosa Island
67C	28	Linz
58D	28	Lipari
58D	28	Lipari Island
58D	28	Lipari Islands
108A	44	Lipata
62C	29	Lipci
128D	48	Lipson Cove
151A	63	Lirquen
7C	17	Lisahally
53B	28	Lisbon
177B	57	Liscomb
11C	16	Lismore Island
41D	23	List
65B	32	Lithari Point
46C	22	Lithoijen
36A	26	Lithuania
96B	40	Little Andaman Island
185D	57	Little Bay Island
177D	57	Little Bras d'Or
164B	60	Little Cayman Island
140D	14	Little Cornwallis Island
181D	56	Little Current
166A	60	Little Exuma Island
165D	60	Little Inagua Island
134D	48	Little Makin Island

Col. No.	Page No.	
179B	**57**	Little Metis
177C	**57**	Little Narrows
96B	**40**	Little Nicobar Island
		Little Popo, see Anecho
166A	**60**	Little San Salvador
2B	**17**	Littlehampton
112D	**38**	Liu Hua Terminal
64B	**32**	Livadhi
135D	**39**	Livadiya
176D	**57**	Liverpool (Canada)
6D	**17**	Liverpool (England)
167B	**60**	Livingston
		Livorno, see Leghorn
47C	**22**	Lixhe
63A	**29**	Lixuri
4A	**17**	Lizard
	31	Ljubljana
29A	**25**	Ljugarn
30C	**24**	Ljusne
5D	**17**	Llanbedrog
6A	**17**	Llanddulas
6A	**17**	Llandudno
5B	**17**	Llanelli
83A	**36**	Loango
45C	**22**	Lobith
84A	**34**	Lobito
150B	**62**	Lobos
149C	**62**	Lobos de Tierra Island
183C	**57**	Lobster Bay
11D	**16**	Loch Aline
12B	**16**	Loch Carnan
12A	**16**	Loch Carron
11C	**16**	Loch Crinan
12B	**16**	Loch Eport
11C	**16**	Loch Etive
12A	**16**	Loch Ewe
11A	**16**	Loch Fyne
11B	**16**	Loch Indaal
12A	**16**	Loch Kishorn
11C	**16**	Loch Leven
11C	**16**	Loch Linnhe
10D	**16**	Loch Long
11A	**16**	Loch Striven
11D	**16**	Loch Sunart
12A	**16**	Loch Torridon
12B	**16**	Lochboisdale
12A	**16**	Lochinver
12B	**16**	Lochmaddy
176D	**57**	Lockeport
50C	**18**	Locmariaquer
50A	**18**	Locquirec
50B	**18**	Loctudy
41B	**25**	Lodbjerg
20B	**21**	Lodingen
27B	**25**	Lodose
22C	**24**	Loen
23D	**24**	Lofallstrand
20B	**20**	Lofoten Islands
125C	**48**	Lofung
	19	Logger
178C	**57**	Loggieville
41C	**25**	Logstor
39C	**25**	Lohals
50D	**30**	Loire, River
105C	**44**	Lokanin Point
81A	**36**	Lokoja
35B	**26**	Loksa
39B	**25**	Lolland
150A	**62**	Lomas
103A	**42**	Lombok Island
126B	**48**	Lombrum
80C	**36**	Lome
28B	**25**	Lomma
	19	Lomond
184A	**57**	Lomond Cove
35A	**26**	Lomonosov
1A	**17**	London
7C	**17**	Londonderry
146C	**53**	Long Beach
185A	**57**	Long Harbour
166A	**60**	Long Island (Bahamas)
142D	**52**	Long Island (U.S.A.)
174B	**58**	Long Island Sound
185B	**57**	Long Pond
183A	**57**	Long Sault
14C	**16**	Longannet
12D	**16**	Longhope
115C	**46**	Longkou
85C	**35**	Longoni
4B	**17**	Longships Light
15A	**16**	Longstone Light
145A	**52**	Longview
138D	**14**	Longyearbyen
3D	**17**	Looe
172A	**58**	Lookout Bight
169C	**54**	LOOP Terminal (Louisiana Offshore Oil Port)
79C	**36**	Loos Islands
43C	**22**	Loppersum
180B	**56**	Lorain
130C	**48**	Lord Howe Island
126B	**48**	Lorengau
147A	**59**	Loreto
50C	**18**	Lorient
146B	**53**	Los Angeles
146D	**59**	Los Barriles
77D	**34**	Los Cristianos
158A	**61**	Los Hermanos Islands
126B	**48**	Los Negros Island
149B	**62**	Los Organos
158C	**61**	Los Taques
150D	**63**	Los Vilos
61C	**31**	Losinj Island
13D	**16**	Lossiemouth
141B	**14**	Lost Harbour
151A	**63**	Lota
30A	**24**	Loudden
7C	**17**	Lough Foyle (Northern Ireland)
9D	**17**	Lough Foyle (Republic of Ireland)
7C	**17**	Lough Larne
9D	**17**	Lough Swilly
177C	**57**	Louisburg
169B	**54**	Louisiana (LA)
		Louisiana Offshore Oil Port, see LOOP Terminal
170C	**54**	Louisville
32A	**26**	Lovholmen
34A	**26**	Loviisa
184B	**57**	Lower Cove
185B	**57**	Lower Island Cove
45A	**22**	Lower Rhine (Neder Rijn)
16D	**17**	Lowestoft
83D	**34**	Luanda
52B	**30**	Luarca
82B	**36**	Luba
37B	**25**	Lubeck
36D	**25**	Lubin
37A	**25**	Lubmin
166B	**60**	Lucaya
56C	**31**	Lucciana Terminal
164A	**60**	Lucea
83A	**36**	Lucina Terminal
131A	**48**	Lucinda
84A	**34**	Lucira Grande
84B	**34**	Luderitz
180D	**56**	Ludington
46B	**20**	Ludwigshafen am Rhein
35A	**26**	Luga Bay
108B	**44**	Lugait
133A	**48**	Luganville Bay
31B	**24**	Lugnvik
88D	**35**	Luhaiya (Al Luhayyah)
156A	**62**	Luiz Correia
61A	**31**	Luka Mirna (Port Quito)
32A	**26**	Lulea
85B	**35**	Lumbo
66D	**29**	Luminitza
98B	**43**	Lumut (Brunei)
96C	**41**	Lumut (Malaysia)
108A	**44**	Lunao
97D	**42**	Lundu
4C	**17**	Lundy Island
7A	**17**	Lune, River
177A	**57**	Lunenburg
125B	**48**	Lungga
162D	**61**	Luperon
	35	Lusaka
115D	**46**	Lushun
		Lussinpiccolo, see Mali Losinj
98B	**43**	Lutong Terminal
33A	**26**	Luvia
104C	**43**	Luwuk
	28	Luxembourg
105B	**44**	Luzon Island
13C	**16**	Lybster
4D	**17**	Lydney
	19	Lyell
3B	**17**	Lyme Bay
3B	**17**	Lyme Regis
2D	**17**	Lymington
78D	**36**	Lyndiane
12D	**16**	Lyness
38D	**25**	Lyngby
24D	**24**	Lyngdal
20A	**21**	Lyngenfjord
25A	**24**	Lyngor
40C	**25**	Lyngs Odde
40D	**25**	Lyngsbaek Bridge
20A	**21**	Lyngseidet
4C	**17**	Lynmouth
175B	**58**	Lynn
172B	**58**	Lynnhaven Roads
55D	**31**	Lyon
26A	**24**	Lysaker
26D	**24**	Lysekil
21B	**24**	Lysoysund
132B	**48**	Lyttelton

M

Col. No.	Page No.	
22C	**24**	Maaloy
114D	**47**	Ma'anshan
40A	**25**	Maarup
46C	**22**	Maas, River
46C	**22**	Maashees
107A	**44**	Maasin
44D	**22**	Maassluis
46C	**22**	Maastricht
44C	**22**	Maasvlakte
177D	**57**	Mabou
108A	**44**	Macajalar Bay
156B	**62**	Macapa
155D	**62**	Macau (Brazil)
112B	**46**	Macau (China)
79A	**36**	MacCarthy's Island
	19	MacCulloch
13D	**16**	Macduff
155C	**62**	Maceio
149A	**62**	Machalilla
	19	Machar
175D	**57**	Machiasport
95A	**40**	Machilipatnam (Masulipatam)
130D	**48**	Mackay
180D	**56**	Mackinaw City
108D	**44**	Maco
129D	**48**	Macquarie Harbour
132B	**12**	Macquarie Island
107D	**44**	Mactan Island
85A	**35**	Macuze River
85C	**35**	Madagascar
126B	**48**	Madang
56D	**31**	Maddalena Island
77B	**34**	Madeira Island
77B	**34**	Madeira Islands
156C	**62**	Madeira, River
		Madras, see Chennai
155C	**62**	Madre de Deus
	28	Madrid
102C	**42**	Madura Island
102C	**42**	Madura Terminal
86C	**35**	Mafia Island
137A	**14**	Magadan
105D	**44**	Magallanes
179A	**57**	Magdalen Islands
159B	**60**	Magdalena River
138D	**14**	Magdalenefjord
93A	**40**	Magdalla
42C	**23**	Magdeburg
7D	**17**	Magheramorne
59C	**28**	Magnisi
169D	**54**	Magnolia
	19	Magnus
136D	**14**	Mago
169B	**54**	Magpetco
85D	**35**	Mahajanga
95A	**40**	Mahanadi River
85D	**35**	Mahanoro
75C	**28**	Mahdia
93C	**40**	Mahe
86B	**35**	Mahe Island
55A	**28**	Mahon
177A	**57**	Mahone
177A	**57**	Mahone Bay
135C	**49**	Mahukona
104B	**43**	Mahuneni
156D	**62**	Mahury, River
126D	**48**	Maika Harbour
113B	**47**	Mai-Liao
186A	**57**	Main Brook
172B	**55**	Main Island
46A	**20**	Main, River
175C	**58**	Maine (ME)
12D	**16**	Mainland Orkney
126B	**48**	Mainland Papua New Guinea
13A	**16**	Mainland Shetland
85D	**35**	Maintirano
46A	**20**	Mainz
78C	**34**	Maio Island
58C	**31**	Maiori
176B	**57**	Maitland
3B	**18**	Maitresse Island
118C	**45**	Maizuru
104D	**43**	Majene
114A	**47**	Majishan
54D	**28**	Majorca (Mallorca) Island
124D	**48**	Majuro Atoll
125A	**48**	Makambo Island
108D	**44**	Makar
136C	**14**	Makarevskiy
136B	**39**	Makarov
62A	**29**	Makarska
104D	**43**	Makassar (Ujung Pandang)
134B	**49**	Makatea
69C	**27**	Makhachkala
		Makira Island, see San Cristobal Island
123A	**45**	Makiyama
186C	**51**	Makkovik
43D	**22**	Makkum
88C	**35**	Makram
65A	**32**	Makronisi Island
113B	**47**	Makung
184A	**57**	Mal Bay
149D	**62**	Mala
82B	**36**	Malabo
96D	**41**	Malacca (Melaka)
54A	**30**	Malaga
		Malahayati, see Kruengraya
125A	**48**	Malaita Island
133A	**48**	Malakula Island
108D	**44**	Malalag Bay
108C	**44**	Malangas
133C	**49**	Malau
96C	**41**	Malaysia
96C	**41**	Malaysia (Peninsular Malaysia)
98C	**42**	Malaysia (Sabah)
98C	**42**	Malaysia (Sarawak)
37A	**25**	Malchin
94A	**35**	Maldives
17B	**17**	Maldon
154B	**64**	Maldonado
94A	**35**	Male
94A	**35**	Male Island
83B	**36**	Malembo
	34	Mali
61C	**31**	Mali Losinj (Lussinpiccolo)
104D	**43**	Malili
9D	**17**	Malin Head
86D	**35**	Malindi
61C	**31**	Malinska
11D	**16**	Mallaig
125C	**48**	Malloco Bay
		Mallorca Island, see Majorca Island
21B	**24**	Malm
28B	**25**	Malmo
124D	**48**	Maloelap Atoll
97C	**41**	Malong Terminal
83B	**36**	Malongo Terminal
93C	**40**	Malpe
59D	**28**	Malta
70D	**32**	Maltepe
104A	**43**	Maluku (Moluccas)
109A	**44**	Maluso Bay
93B	**40**	Malvan
21C	**24**	Malvik
174B	**58**	Mamaroneck
107C	**44**	Mambagi
107C	**44**	Mambagid
107D	**44**	Mambajao
159C	**60**	Mamonal
104D	**43**	Mamuju
166D	**60**	Man of War Cays
105A	**43**	Manado (Menado)
	60	Managua
85D	**35**	Manakara
85D	**35**	Mananjary
94A	**40**	Manappadu
158A	**61**	Manare
165B	**60**	Manati
156D	**62**	Manaus
6D	**17**	Manchester (England)
144C	**52**	Manchester (U.S.A.)
6B	**17**	Manchester Ship Canal
164B	**60**	Manchioneal
149B	**62**	Mancora
24D	**24**	Mandal
94B	**40**	Mandapam
65B	**32**	Mandoudhi
92B	**40**	Mandvi
60B	**29**	Manfredonia
66C	**29**	Mangalia
93C	**40**	Mangalore
155A	**64**	Mangaratiba
134B	**49**	Mangareva Island
105B	**44**	Mangarin

Col. No.	Page No.	
103C	43	Mangawitoe
101D	42	Manggar
103A	42	Manggis
104D	43	Mangkasa Terminal
104B	43	Mangole
104B	43	Mangole Island
92D	40	Mangrol
134B	49	Manihi
139C	14	Maniitsoq (Sukkertoppen)
105C	44	Manila
180D	56	Manistee
140B	51	Manitoba
181D	56	Manitoulin Island
181B	56	Manitowoc
94C	40	Mannar Island
46B	20	Mannheim
17A	17	Manningtree
82A	36	Manoca
103D	43	Manokwari
164D	60	Manopla
149A	62	Manta
49B	18	Mantes
173B	58	Mantua Anchorage
33A	26	Mantyluoto
126B	48	Manus Island
164C	60	Manzanillo (Cuba)
162D	61	Manzanillo (Dominican Republic)
147B	59	Manzanillo (Mexico)
166C	68	Manzanillo (Panama)
112A	41	Maoming
109D	41	Map Ta Phut
85A	35	Maputo
152D	63	Mar del Plata
159A	61	Maracaibo
74B	67	Marakib
94D	40	Marakkanam
51A	30	Marans
181D	56	Marathon
4A	17	Marazion
54A	30	Marbella
180B	56	Marblehead
144B	52	March Point
173A	58	Marcus Hook
48C	18	Mardyck
152A	63	Mare Harbour
145C	53	Mare Island
51B	30	Marennes
177D	57	Margaree
176C	57	Margaretsville
158A	61	Margarita Island
129D	48	Margate (Australia)
1D	17	Margate (England)
60B	29	Margherita di Savoia
108C	44	Margosatubig
178D	57	Maria Harbour
41A	25	Mariager
41A	25	Mariager Fjord
107D	44	Maribojoc
161B	61	Marie Galante
31A	24	Marieberg
33A	26	Mariehamn
165A	60	Mariel
27C	24	Mariestad
161D	61	Marigot
52D	30	Marin
146B	53	Marina del Rey
57C	31	Marina di Carrara
59D	29	Marina di Catanzaro
58C	31	Marina Grande
105D	44	Marinduque Island
180C	56	Marine City
181B	56	Marinette
34B	26	Maringinlahti
104C	43	Marisa
68B	29	Mariupol
106D	44	Mariveles
	19	Markham
47D	22	Marly
71B	32	Marmara Adasi
72C	32	Marmaris
140A	14	Marmorilik
49B	18	Marne, River
20D	21	Marnes
	19	Marnock
86A	35	Maroantsetra
157A	62	Maroni River
134B	49	Marquesas Islands
181C	56	Marquette
169D	54	Marrero
74D	29	Marsa el Brega
74D	29	Marsa el Hariga
87C	33	Marsa Gemsa
87B	35	Marsa Tek'lay
59A	28	Marsala
59D	28	Marsaxlokk
131D	48	Marsden Point
56A	31	Marseilles (Marseille)
166B	60	Marsh Harbour
79D	36	Marshall
124D	48	Marshall Islands
126D	48	Marshall Lagoon
39C	25	Marstal
27A	25	Marstrand
29C	24	Marsviken
175A	58	Marthas Vineyard Island
56A	31	Martigues
154B	64	Martin Garcia
179B	57	Martin River
145D	53	Martinez
161A	61	Martinique
32B	26	Martinniemi
36C	25	Martwa Wisla
122B	45	Marugame
130C	48	Maryborough
172C	58	Maryland (MD)
7B	17	Maryport
184D	57	Marystown
180C	56	Marysville
30A	24	Maryvik
148A	60	Masachapa
105D	44	Masagasai Bay
116C	46	Masan
108A	44	Masao
106D	44	Masbate
106D	44	Masbate Island
	35	Maseru
23A	24	Masfjorden
117B	45	Mashike
106C	44	Masinloc
89A	35	Masirah Island
61D	31	Maslenica
39A	25	Masnedovaerkets Havn
39A	25	Masnedsund
104A	43	Masohi
175A	58	Massachusetts (MA)
141C	14	Massacre Bay
58C	31	Massalubrense
87B	35	Massawa (Mits'iwa)
143A	52	Masset
		Masulipatam, see Machilipatnam
168C	59	Mata Redonda
83C	36	Matadi
179B	57	Matane
150D	63	Matanzas (Chile)
165A	60	Matanzas (Cuba)
157D	61	Matanzas (Venezuela)
94B	40	Matara
150A	62	Matarani
134B	49	Mataura
133C	49	Matautu
108D	44	Mati
105A	44	Matinloc Terminal
105D	44	Matnog
85A	35	Matola
53A	28	Matosinhos
89B	37	Matrah
113D	47	Matsu Island
64D	32	Matsuna
119C	45	Matsunaga
123B	45	Matsushima
123B	45	Matsuura
122C	45	Matsuyama
120C	45	Matsuzaka
165D	61	Matthew Town
137A	39	Matua Island
106B	44	Mauban
128A	48	Maud Landing
135B	49	Maui Island
103B	43	Maumere
95C	40	Maungdaw
13B	19	Maureen
78A	34	Mauritania
86B	35	Mauritius
112C	46	Mawan
113D	47	Mawei
96A	41	Mawlamyine
151D	15	Mawson
32D	26	Maxmo
96A	40	Mayabunder
162B	61	Mayaguez
85C	35	Mayotte Island
171C	55	Mayport
160D	61	Mayreau Island
82D	36	Mayumba
		Mayyun Island, see Perim Island
59B	28	Mazara del Vallo
54C	30	Mazarron
147B	59	Mazatlan
149D	62	Mazorca Island
	35	Mbabane
125B	48	Mbanika Island
78D	36	Mbao Terminal
154A	64	M'bopicua
78D	36	Mbour
83A	36	M'bya Terminal
140D	50	McKinley Bay
	15	McMurdo
182A	56	Meaford
47D	22	Mechelen
164C	60	Media Luna
		Medin, see Villa Elisa
108A	44	Medina
2C	17	Medina, River
54A	28	Mediterranean Sea
35A	9	Medvezhyegorsk
1B	17	Medway, River
120A	45	Mega
64A	32	Megara
72C	32	Megisti (Kastellorizon) Island
19D	21	Mehamn
76D	30	Mehdia
113D	47	Meizhou
113D	47	Meizhou Bay
150B	63	Mejillones
110B	41	Mekong, River
		Melaka, see Malacca
130A	48	Melbourne
20B	21	Melbu
42A	65	Meldorf
181D	56	Meldrum Bay
76C	30	Melilla
		Melilli, see Santa Panagia
48A	22	Melle
126A	48	Melle Channel
40D	25	Mellerup
26B	24	Mellos
20D	20	Meloyvaer
25D	24	Melsomvik
174D	58	Melville
140D	14	Melville Island
29C	24	Mem
43B	22	Memmert
170B	54	Memphis (TN)
176A	57	Memramcook River
		Menado, see Manado
5D	17	Menai Strait
102D	42	Meneng
181B	56	Menominee
		Menorca Island, see Minorca Island
25C	24	Menstad
56B	31	Menton
75C	31	Menzel Bourguiba
143D	52	Menzies Bay
44A	22	Meppel
102A	42	Merak
103C	43	Merauke
169D	54	Meraux
86D	35	Merca
106A	44	Mercedes
	19	Mercury
96A	41	Mergui
177D	57	Merigomish
32D	26	Merikarvia
35A	26	Merikula
47B	22	Merksem
22A	24	Merok
76B	28	Mers el Kebir
74C	33	Mersa el Hamra Terminal (El Alamein)
74C	29	Mersa Matruh
75D	28	Mersa Takouch
17B	17	Mersea Island
6B	17	Mersey, River
72D	33	Mersin
36A	26	Mersrags
45B	22	Merwede, River
90B	37	Mesaieed (Umm Said)
63A	29	Mesolongion (Mesolongi)
50D	18	Mesquer
59A	28	Messina
139A	14	Mesters Vig
176C	57	Meteghan
133A	48	Metensa Bay
14B	16	Methil
63C	29	Methoni
62B	29	Metkovic
142D	52	Metlakatla
63D	32	Metokhi
46A	20	Metz
100C	42	Meulaboh
3D	17	Mevagissey
167C	59	Mexico (Gulf of Mexico)
146C	59	Mexico (Pacific)
	59	Mexico City
138A	21	Mezen
168C	59	Mezquital
59D	28	Mgarr
171B	55	Miami
180C	56	Michigan (MI)
181D	56	Michipicoten Harbour
169D	54	Michoud
66B	32	Michurin
124C	48	Micronesia, Federated States of
13A	16	Mid Yell Voe
47A	22	Middelburg
40A	25	Middelfart
46C	22	Middelharnis
96A	40	Middle Andaman Island
15C	16	Middlesbrough
66D	29	Midia
182A	56	Midland
19A	20	Midsandur
22A	24	Midsund
17C	20	Midvagur
135A	49	Midway Islands
		Midye, see Kiyikoy
119C	45	Mihara
35B	26	Miiduranna
123B	45	Miike
120D	45	Mikawa
120D	45	Mikawa Bay
86C	35	Mikindani
137A	14	Mikoyanovsk
118C	45	Mikuni
65B	32	Milaki
59A	28	Milazzo
108C	44	Milbuk
5C	17	Milford Docks
5B	17	Milford Haven
35D	26	Milgravis
178C	57	Millbank
	19	Miller
124D	48	Milli Atoll
45C	22	Millingen aan den Rijn
7A	17	Millom (England)
	19	Millom (Irish Sea)
184C	57	Milltown
62A	29	Milna
126D	48	Milne Bay (Papua New Guinea)
137B	39	Milne Bay (Russia)
127B	48	Milner Bay
64B	32	Milos Island
174A	58	Milton
1D	17	Milton Creek
181A	56	Milwaukee
113D	39	Min Jiang
91A	37	Mina Abdulla
91A	37	Mina al Ahmadi
		Mina al Bakr Terminal, see Al Basra Terminal
89B	37	Mina al Fahal
		Mina Khalid, see Sharjah
		Mina Qaboos, see Port Sultan Qaboos
		Mina Rashid, see Dubai
		Mina Raysut, see Salalah
89C	37	Mina Saqr
91A	37	Mina Saud
90C	37	Mina Sulman
		Mina Zayed, see Abu Dhabi
123C	45	Minamata
176B	57	Minas Basin
168B	59	Minatitlan
108A	44	Mindanao Island
78B	34	Mindelo
43A	23	Minden
105B	44	Mindoro Island
4C	17	Minehead
73C	33	Minet el Beida
183D	57	Mingan
185D	57	Mings Bight
93D	40	Minicoy Island
181C	56	Minnesota (MN)
55A	28	Minorca (Menorca) Island
58C	31	Minori
	27	Minsk
116D	46	Mipo
184D	57	Miquelon
184D	57	Miquelon Island
	68	Miraflores Locks
163B	61	Miragoane
156B	62	Miramar
178C	57	Miramichi Bay
178C	57	Miramichi, River
98A	43	Miri
	15	Mirny
93A	40	Mirya Bay
		Misamis, see Ozamis
178C	57	Miscou
58B	31	Miseno

Col. No.	Page No.	
122B	**45**	Mishima-Kawanoe
126D	**48**	Misima Island
170C	**54**	Mississippi (MS)
169C	**54**	Mississippi, River
17A	**17**	Mistley
123C	**45**	Misumi
75A	**28**	Misurata (Qasr Ahmed)
119A	**45**	Mitajiri
		Mitilini, see Mytilene
142C	**52**	Mitkof Island
		Mits'iwa, see Massawa
119B	**45**	Mitsukoshima
122A	**45**	Miyako
124B	**47**	Miyako Island
123C	**45**	Miyanoura
123D	**45**	Miyazaki
118C	**45**	Miyazu
8D	**17**	Mizen Head
119D	**45**	Mizushima
21D	**24**	Mjosund
21A	**21**	Mo i Rana
103C	**43**	Moa Island
		Moa, see Cayo Moa
83C	**36**	Moanda Terminal
170D	**54**	Mobile
		Mocamedes, see Namibe
158A	**61**	Mochima
85B	**35**	Mocimboa da Praia
6D	**17**	Mode Wheel
6A	**17**	Moelfre Roads
157A	**62**	Moengo
46D	**22**	Moerdijk
87A	**35**	Mogadiscio (Muqdisho)
67B	**29**	Mohacs
76D	**34**	Mohammedia (Fedala)
85B	**35**	Moheli Island
183D	**57**	Moisie
122D	**45**	Moji
156B	**62**	Moju
156B	**62**	Moju, River
88D	**35**	Mokha (Al Mukha)
64C	**32**	Mokhlos
116B	**46**	Mokpo
145D	**53**	Molate Point
22A	**24**	Molde
	27	Moldova
60B	**29**	Molfetta
28A	**25**	Molle
150A	**62**	Mollendo
26D	**24**	Mollosund
	15	Molodezhnaya
135B	**49**	Molokai Island
		Molotovsk, see Severodvinsk
24A	**24**	Molstrevag
22B	**24**	Moltustranda
		Moluccas, see Maluku
85A	**35**	Moma
86D	**35**	Mombasa
40B	**25**	Mommark
38B	**25**	Mon
162C	**61**	Mona Island
162B	**61**	Mona Passage
56B	**31**	Monaco
	19	Monan
32C	**26**	Monas
75C	**28**	Monastir
117B	**45**	Monbetsu
176A	**57**	Moncton
69A	**27**	Mondoma
63D	**32**	Monemvasia
9B	**17**	Moneypoint
60D	**31**	Monfalcone
95C	**40**	Mongla
	12	Mongolia
23A	**24**	Mongstad
45D	**22**	Monheim
73B	**33**	Moni Anchorage
60A	**29**	Monopoli
180C	**56**	Monroe
79D	**36**	Monrovia
28D	**25**	Monsteras
179B	**57**	Mont Louis
178A	**57**	Montague
56B	**31**	Monte Carlo
162D	**61**	Monte Christi
164A	**60**	Montego Bay
146A	**53**	Monterey
154B	**64**	Montevideo
179C	**57**	Montmagny
50D	**30**	Montoir
183A	**57**	Montreal
48D	**18**	Montreuil
13B	**19**	Montrose (North Sea Terminals)
14A	**16**	Montrose (Scotland)
161B	**61**	Montserrat
35C	**26**	Montu
182B	**56**	Mooretown
140B	**51**	Moosonee
163D	**60**	Morant Bay
13C	**16**	Moray Firth
50C	**18**	Morbihan
28D	**25**	Morbylanga
176C	**57**	Morden
22A	**24**	More
7A	**17**	Morecambe (England)
	19	Morecambe (Irish Sea)
7A	**17**	Morecambe Bay
172A	**58**	Morehead City
143A	**52**	Moresby Island
169C	**54**	Morgan City
117C	**45**	Mori
50A	**18**	Morlaix
93B	**40**	Mormugao
127A	**48**	Mornington Island
126C	**48**	Morobe
76C	**34**	Morocco
85D	**35**	Morombe
158C	**61**	Moron
85D	**35**	Morondava
85B	**35**	Moroni
73A	**33**	Morphou Bay
183A	**57**	Morrisburg
14D	**16**	Morrison's Haven
173B	**58**	Morrisville
146A	**53**	Morro Bay
146D	**59**	Morro Redondo
41B	**25**	Mors Island
51B	**30**	Mortagne sur Gironde
184D	**57**	Mortier Bay
136A	**39**	Moryak-Rybolov
	21	Moscow
38C	**25**	Mosede
46A	**20**	Mosel, River
21A	**20**	Mosjoen
136C	**14**	Moskalvo
148D	**62**	Mosquera
26B	**24**	Moss
146A	**53**	Moss Landing
84C	**34**	Mossel Bay
27A	**25**	Mossholmen
76B	**28**	Mostaganem
23D	**24**	Mosterhamn
6A	**17**	Mostyn
27D	**24**	Motala
54B	**30**	Motril
81D	**36**	Moudi Terminal
132D	**48**	Moueo
131C	**49**	Mount Maunganui
4A	**17**	Mount's Bay
131A	**48**	Mourilyan
4A	**17**	Mousehole
104C	**43**	Moutong
9D	**17**	Moville
126A	**48**	Mowe Harbour
85A	**35**	Mozambique
85A	**35**	Mozambique Island
86B	**35**	Mtwara
133C	**49**	Mua
96D	**41**	Muar
98B	**43**	Muara Port
101C	**42**	Muarasabak
89C	**37**	Mubarek Terminal
90A	**37**	Mubarras Terminal
13B	**16**	Muckle Flugga
156A	**62**	Mucuripe
95B	**40**	Mud Point
71A	**32**	Mudanya
61A	**31**	Muggia
35C	**26**	Muhu Island
126C	**48**	Muiao
149A	**62**	Muisne
119C	**45**	Mukaishima
89A	**35**	Mukalla
117A	**46**	Mukho
144B	**52**	Mukilteo
37A	**25**	Mukran
147A	**59**	Mulege
177B	**57**	Mulgrave
11D	**16**	Mull Island
10B	**17**	Mull of Galloway
11B	**17**	Mull of Kintyre
94B	**40**	Mullaittivu
39A	**25**	Mullerup
4A	**17**	Mullion Cove
9D	**17**	Mulroy Bay
57B	**31**	Multedo
93A	**40**	Mumbai (Bombay)
5B	**17**	Mumbles
125C	**48**	Munda Point
22D	**24**	Mundal
23C	**24**	Mundheim
92B	**40**	Mundra
	19	Mungo
156C	**62**	Munguba
26D	**24**	Munkedalhamn
41D	**23**	Munkmarsch
33D	**26**	Munksnas
32A	**26**	Munksund
101D	**42**	Muntok
		Muqdisho, see Mogadiscio
	19	Murchison
	19	Murdoch
138C	**21**	Murmansk
117C	**45**	Muroran
52D	**30**	Muros
183B	**57**	Murray Bay
178A	**57**	Murray Harbour
99D	**42**	Murung, River
134B	**49**	Mururoa
21C	**24**	Muruvik
37D	**25**	Murwik
	37	Muscat
52B	**30**	Musel
185C	**57**	Musgrave Harbour
101C	**42**	Musi River
180D	**56**	Muskegon
170B	**54**	Muskogee (OK)
34A	**26**	Mussalo
126A	**48**	Mussau Island
14D	**16**	Musselburgh
34B	**26**	Mustola
85B	**35**	Mutsamudu
122A	**45**	Mutsu Ogawara
118D	**45**	Mutsure
94D	**40**	Muttukuru
103D	**43**	Muturi
35B	**26**	Muuga (Novotallinn)
110B	**41**	My Tho
110A	**41**	My Thoi
95C	**41**	Myanmar
		Mykolayiv, see Nikolayev
65A	**32**	Mykonos
65A	**32**	Mykonos Island
20B	**21**	Myre
65D	**32**	Myrina
169D	**54**	Myrtle Grove
71C	**32**	Mytilene (Mitilini)
84B	**34**	Namibia (South West Africa)
122A	**45**	Namikata
104A	**43**	Namlea
116A	**46**	Nampo (Chinnampo)
21B	**20**	Namsenfjord
21B	**20**	Namsos
143C	**52**	Nanaimo
118B	**45**	Nanao
168B	**59**	Nanchital
96B	**40**	Nancowry Harbour
133B	**49**	Nandi (Nadi) Waters
133C	**49**	Nandi Bay
123D	**45**	Nango
140D	**14**	Nanisivik
114C	**47**	Nanjing
143D	**52**	Nanoose
139B	**14**	Nanortalik
112C	**46**	Nansha
113D	**47**	Nantai
49B	**18**	Nanterre
51A	**30**	Nantes
182B	**56**	Nanticoke
114B	**47**	Nantong
175A	**58**	Nantucket Island
134C	**49**	Nanumea Island
118B	**45**	Naoetsu
119D	**45**	Naoshima
131C	**49**	Napier
58B	**31**	Naples (Napoli)
40D	**25**	Nappedam
95A	**40**	Narasapur
95A	**40**	Narasapur Point
109B	**41**	Narathiwat
95C	**40**	Narayanganj
85D	**35**	Narendry Bay
126B	**48**	Nares Harbour
174C	**58**	Narragansett Bay
139B	**14**	Narsaq
139B	**14**	Narsaq Kujalleq (Frederiksdal)
139B	**14**	Narsarsuaq
122B	**45**	Naruto
35A	**26**	Narva Joesuu (Narva Yyesuu)
		Narva, see Narvskiy
		Narva Yyesuu, see Narva Joesuu
20C	**21**	Narvik
35A	**26**	Narvskiy (Narva)
138A	**14**	Naryan Mar
31A	**24**	Nas
29A	**25**	Nasby
108A	**44**	Nasipit
166A	**60**	Nassau
127A	**48**	Nassau River
105C	**44**	Nasugbu
35C	**26**	Nasva
155D	**62**	Natal
23A	**24**	Natas
183D	**57**	Natashquan
106A	**44**	Nato
139B	**14**	Natsek Cove
105B	**44**	Naujan
63D	**32**	Nauplia (Navplion)
134C	**48**	Nauru
134C	**48**	Nauru Island
22D	**24**	Naustdal
168B	**59**	Nautla
63C	**29**	Navarino Bay
151D	**63**	Navarino Island
69A	**27**	Navashino
29C	**24**	Navekvarn
52B	**30**	Navia
57C	**31**	Navicelli Canal
92C	**40**	Navlakhi
147A	**59**	Navojoa
105C	**44**	Navotas
63B	**29**	Navpaktos
		Navplion, see Nauplia
133B	**49**	Navua
133B	**49**	Navuloa
135A	**49**	Nawiliwili
64D	**32**	Naxos
64D	**32**	Naxos Island
141B	**14**	Nazan Bay
53A	**28**	Nazare
124A	**45**	Naze
17A	**17**	Naze, The
	34	N'Djamena
65D	**32**	Nea Karvali
65D	**32**	Nea Moudhania
65D	**32**	Nea Peramos
65C	**32**	Nea Playia
144D	**52**	Neah Bay
16A	**16**	Neap House
5B	**17**	Neath
33B	**26**	Naantali
2B	**17**	Nab Tower
68D	**27**	Naberezhnyye Chelny
136C	**14**	Nabil
136C	**14**	Nabil Bay
103D	**43**	Nabire
126A	**48**	Nabuto Bay
85B	**35**	Nacala
		Nadi Waters, see Nandi Waters
76C	**30**	Nador
138B	**21**	Nadvoitsy
26A	**24**	Naersnes
39A	**25**	Naestved
107C	**44**	Naga
122C	**45**	Nagahama
94C	**40**	Nagapattinam
123B	**45**	Nagasaki
120C	**45**	Nagashima
124A	**45**	Nagasu
137A	**14**	Nagayeva Bay
94C	**40**	Nagore
120D	**45**	Nagoya
162B	**61**	Naguabo
124A	**47**	Naha
186C	**51**	Nain
104A	**43**	Naira
13D	**16**	Nairn
136B	**39**	Nairo
	35	Nairobi
117B	**46**	Najin (Rajin)
124A	**47**	Nakagusuku
124A	**47**	Nakagusuku Bay (Buckner Bay)
122D	**45**	Nakajima
121C	**45**	Nakaminato
118D	**45**	Nakanoseki
132C	**48**	Nakety (Nekete)
135D	**39**	Nakhodka
141A	**50**	Naknek
39B	**25**	Nakskov
107B	**44**	Nalunga Island
110A	**41**	Nam Can
126A	**48**	Namatanai
84A	**34**	Namibe (Mocamedes)

N

Col. No.	Page No.	
	19	N. Morecambe

Col. No.	Page No.	
5B	17	Neath, River
169A	54	Neches River
152D	63	Necochea
177B	57	Necum Teuch Harbour
		Neder Rijn, see Lower Rhine
46C	22	Nederhemert
2C	17	Needles
93D	40	Neendakara
121B	45	Negishi
94C	40	Negombo
164A	60	Negril
149B	62	Negritos
176D	57	Negro Harbour
107B	44	Negros Island
132D	48	Nehoue
133D	49	Neiafu
177D	57	Neil Harbour
69B	27	Neka
69B	27	Neka, River
		Nekete, see Nakety
38A	25	Nekso (Nexo)
136A	39	Nelma
132A	48	Nelson (New Zealand)
	19	Nelson (North Sea Terminals)
137A	39	Nemo Bay
71D	32	Nemrut Bay
36B	26	Nemunas, River
117B	45	Nemuro
97B	41	Nenasi
16C	17	Nene, River
25C	24	Nenseth
155C	62	Neopolis
	38	Nepal
129A	48	Nepean Bay
54B	30	Nerja
139A	14	Nerlerit Innat
51D	30	Nervion River
18B	20	Neskaupstadur
21A	20	Nesna
66C	29	Nessebar
43C	22	Netherlands
159D	61	Netherlands Antilles
42C	23	Neueufelde
42B	65	Neuhaus
45D	22	Neuss
37C	25	Neustadt
46A	20	Neuwied
34D	26	Neva, River
136B	39	Nevelsk
	19	Nevis (North Sea Terminals)
161C	61	Nevis (St. Kitts-Nevis)
157B	62	New Amsterdam
175A	58	New Bedford
172A	58	New Bern
125D	48	New Britain
178B	57	New Brunswick (E. coast)
175D	57	New Brunswick (S. coast)
81C	36	New Calabar
81B	36	New Calabar River
132C	48	New Caledonia
178D	57	New Carlisle
173A	58	New Castle
125B	48	New Georgia Island
125B	48	New Georgia Islands
177D	57	New Glasgow
175B	58	New Hampshire (NH)
177A	57	New Harbour
174C	58	New Haven
16B	16	New Holland
126A	48	New Ireland
173B	58	New Jersey (NJ)
178B	57	New London (Canada)
174C	58	New London (U.S.A.)
44D	22	New Maas (Nieuwe Maas)
93C	40	New Mangalore
178D	57	New Mills
169D	54	New Orleans
131B	48	New Plymouth (Port Taranaki)
166A	60	New Providence Island
5C	17	New Quay
178D	57	New Richmond
8C	17	New Ross
44C	22	New Rotterdam Waterway (Nieuwe Waterweg)
130A	48	New South Wales
94A	40	New Tuticorin
		New Westminster, see Fraser River Port
185C	57	New World Island
173D	58	New York
173D	58	New York (NY) (Atlantic)
179D	57	New York (NY) (Great Lakes)
131B	48	New Zealand
14B	16	Newburgh (Fife)
14A	16	Newburgh (Grampian)
173D	58	Newburgh (U.S.A.)
175B	58	Newburyport
130B	48	Newcastle (Australia)
178C	57	Newcastle (Canada)
15B	16	Newcastle (England)
7D	17	Newcastle (Northern Ireland)
184A	57	Newfoundland
2B	17	Newhaven
4A	17	Newlyn
5C	17	Newport (Dyfed)
2C	17	Newport (England)
5A	17	Newport (Gwent)
145B	50	Newport (Oregon)
9C	17	Newport (Republic of Ireland)
174D	58	Newport (Rhode Island)
172C	58	Newport News
4B	17	Newquay
8A	17	Newry
	19	Newsham
		Nexo, see Nekso
5C	17	Neyland
111B	41	Nghe Tinh
111B	41	Nghi Son
132C	48	Ngoe
84D	35	Ngqura
110B	41	Nha Be
111A	41	Nha Trang
		Nhava Sheva, see Jawaharlal Nehru
98A	43	Niah
	34	Niamey
78D	36	Niamioro
100C	42	Nias Island
41C	25	Nibe
166D	60	Nicaragua (Caribbean)
148A	60	Nicaragua (Pacific)
165C	60	Nicaro
56B	31	Nice
157A	62	Nickerie River
96B	40	Nicobar Islands
	29	Nicosia
105A	44	Nido Terminal
36D	25	Niechorze
47C	22	Niel
45A	22	Nieuw Lekkerland
157A	62	Nieuw Nickerie
		Nieuwe Maas, see New Maas
		Nieuwe Waterweg, see New Rotterdam Waterway
45A	22	Nieuwerkerk aan den Yssel
48C	22	Nieuwpoort
74B	67	Nifisha
	34	Niger
81A	36	Niger, River
80C	36	Nigeria
13C	16	Nigg Terminal
84B	10	Nightingale Island
118A	45	Niigata
118A	45	Niigata-Higashi
122B	45	Niihama
45C	22	Nijmegen (Nymegen)
141D	50	Nikishka
142A	50	Nikiski
67D	29	Nikolayev (Mykolayiv)
136D	14	Nikolayevsk
68C	27	Nikolayevskaya
		Nikumaroro Atoll, see Gardner Island
164C	60	Nima Nima
143D	52	Nimpkish, River
114A	47	Ningbo
114A	47	Ningde
111A	41	Ninh Phuoc
	19	Ninian
165C	60	Nipe Bay
185D	57	Nippers Harbour
164C	60	Niquero
120B	45	Nishinomiya
118D	45	Nishinoshima
89A	35	Nishtun
72B	32	Nisiros Island
155A	64	Niteroi
10A	17	Nith, River
2C	17	Niton
133D	49	Niuafoo Island
133D	49	Niuatoputapu Island
134A	49	Niue
38C	25	Nivaa
136C	14	Nivo
68D	27	Nizhnekamsk
68D	27	Nizhniy Novgorod (Gorkiy)
136D	14	Nizhnyaya Gavan
94D	40	Nizimpatnam
18B	20	Njardhvik
83B	36	N'kossa Terminal
123D	45	Nobeoka
176B	57	Noel Bay
136C	14	Nogliki
117D	45	Noheji
27B	25	Nol
141A	50	Nome
133C	49	Nomuka Island
117D	45	Nonai
78D	36	Nonane
108A	44	Nonoc Island
134D	49	Nonouti Island
143B	52	Nootka
83C	36	Noqui
31B	24	Norastrom
170A	54	Norco
		Nord Kapp, see North Cape
41D	25	Nordby
22B	24	Norddal
42D	23	Nordenham
43B	22	Norderney
22C	24	Nordfjord
18B	20	Nordfjordur
19D	21	Nordkyn
31C	24	Nordmaling (Notholmen)
		Nord-Ostsee Kanal, see Kiel Canal
139C	14	Nordre Stromfjord
17D	20	Nordskali
18D	20	Nordurfjordur
23C	24	Nordveitgrend
172C	58	Norfolk
132B	48	Norfolk Island
23C	24	Norheimsund
127A	48	Normanton
125B	48	Noro
31C	24	Norrbyskar
43B	22	Norrdeich
41A	25	Norresundby
29C	24	Norrkoping
31B	24	Norrland
30C	24	Norrsundet
30B	24	Norrtalje
27C	24	Norsbron
	19	Norsea Terminal
169A	54	Norsworthy
96A	40	North Andaman Island
145B	50	North Bend
14D	16	North Berwick
131B	48	North Cape (New Zealand)
19D	21	North Cape (Nord Kapp) (Norway)
172A	58	North Carolina (NC)
1D	17	North Foreland
44A	22	North Holland Canal
131B	48	North Island
16B	16	North Killingholme
116A	46	North Korea
178B	57	North Point
14C	16	North Queensferry
12D	16	North Ronaldsay
178B	57	North Rustico
44B	22	North Sea Canal
13B	19	North Sea Terminals
15B	16	North Shields
140A	14	North Star Bay
15A	16	North Sunderland (Seahouses)
177D	57	North Sydney
15C	16	North Tees
12B	16	North Uist
128A	48	North West Cape
140C	50	North West Territories
4C	17	Northam
7C	17	Northern Ireland
124B	48	Northern Mariana Islands
127B	48	Northern Territory
174B	58	Northport
174B	58	Northville
6C	17	Northwich
174C	58	Norwalk
19C	20	Norway
16D	17	Norwich
118A	45	Noshiro
85C	35	Nosy Be
		Notholmen, see Nordmaling
78B	34	Nouadhibou
78B	34	Nouakchott
132C	48	Noumea
12D	16	Noup Head
176B	57	Nova Scotia
138A	14	Novaya Zemlya
67B	29	Novi Sad
61C	31	Novi Vinodolski
61A	31	Novigrad (Cittanova)
136B	39	Novikovo
68D	27	Novocheboksarsk
	15	Novolazarevskaya
69C	29	Novorossiysk
		Novotallinn, see Muuga
137D	14	Novyy Port
69B	27	Now Shahr
36D	25	Nowe Warpno
36B	25	Nowy Port
48D	18	Noyelles
145C	50	Noyo
164D	60	Nueva Gerona
154A	64	Nueva Palmira
165B	60	Nuevitas
147B	59	Nuevo Vallarta
	19	Nuggets
133C	49	Nukualofa
134C	49	Nukufetau Atoll
134B	49	Nuku-Hiva Island
46D	22	Numansdorp
121A	45	Numazu
83A	36	Numbi, River
99A	42	Nunukan
32B	26	Nuottasaari
20C	20	Nusfjord
139C	14	Nuuk (Godthaab)
88B	33	Nuweiba
	19	N.W. Hutton
138D	14	Ny Alesund
24D	24	Ny Hellesund
82D	36	Nyanga
39D	25	Nyborg
28A	25	Nyhamn
38C	25	Nyhavn
39B	25	Nykobing (Falster)
41B	25	Nykobing (Mors)
38D	25	Nykobing (Sjaelland)
29C	24	Nykoping
31A	24	Nyland
		Nymegen, see Nijmegen
30A	24	Nynashamn
39C	25	Nysted
25C	24	Nystrand
83D	34	N'zeto (Ambrizete)

O

Col. No.	Page No.	
135B	49	Oahu Island
1C	17	Oakham Ness
146A	53	Oakland
182C	56	Oakville
132B	48	Oamaru
29D	24	Oaxen
137D	14	Ob, River
132B	48	Oban (New Zealand)
11C	16	Oban (Scotland)
87A	35	Obbia
31C	24	Obbola
104B	43	Obi Island
156C	62	Obidos
24C	24	Obrestad
186B	57	Occasional Harbour
166B	60	Ocean Cay
143A	52	Ocean Falls
		Ocean Island, see Banaba
170C	54	Ocean Springs
146C	53	Oceanside
67D	29	Ochakov
69D	29	Ochamchire
164A	60	Ocho Rios
27A	25	Ockero
147C	59	Ocos
23D	24	Odda
38D	25	Odden
39D	25	Odense
36D	25	Oder, River
67D	29	Odessa
50B	18	Odet, River
	19	Odin
81C	36	Odudu Terminal
71C	32	Odunluk
134C	49	Oeno Island
70A	29	Of
20C	21	Ofotfjord
22D	24	Ofredal
121D	45	Ofunato
119B	45	Ogaki
124B	39	Ogasawara Islands

ALPHABETICAL INDEX

Col. No.	Page No.	
179D	57	Ogdensburg
118B	45	Ogi
121D	45	Oginohama
121B	45	Ogishima
82D	36	Oguendjo Terminal
180B	56	Ohio (OH)
71D	32	Oinousa Island
124A	45	Oita
53B	28	Oitavos
69A	27	Oka, River
94B	40	Okanda
69B	27	Okarem
124D	48	Okat
119D	45	Okayama
136C	14	Okha
136D	14	Okhotsk
124A	47	Okinawa Island
116D	46	Okke
81C	36	Okono Terminal
116C	46	Okpo
81B	36	Okrika
20A	21	Oksfjord
67D	29	Oktyabrsk
136C	14	Oktyabrskiy
121C	45	Okuma
137A	14	Ola
18C	20	Olafsfjordur
19A	20	Olafsvik
28D	25	Oland Island
56D	31	Olbia
163D	60	Old Harbour Bay
8D	17	Old Head of Kinsale
10D	16	Old Kilpatrick
45B	22	Old Maas (Oude Maas)
44C	22	Old Rhine (Oude Rijn)
22C	24	Olden
43A	23	Oldenburg
37D	65	Oldenbuttel
43B	22	Oldersum
47B	22	Olen (Belgium)
23D	24	Olen (Norway)
136B	14	Oleniy
145D	53	Oleum
136A	39	Olga
136A	39	Olga Bay
53C	30	Olhao
33A	26	Olkiluoto (Eurajoki)
106D	44	Olongapo
37D	25	Olpenitz
27D	24	Olshammar
67A	29	Oltenitza
24B	24	Oltesvik
108C	44	Olutanga Island
68C	27	Olya
144C	52	Olympia
121A	45	Omaezaki
89A	35	Oman
117D	45	Ominato
62A	29	Omis
61C	31	Omisalj
119B	45	Omishima
167B	60	Omoa
123B	45	Omuta
121D	45	Onagawa
121C	45	Onahama
51D	30	Ondarroa
104B	43	Ondong
138B	21	Onega
131B	48	Onehunga
137A	39	Onekotan Island
81A	36	Onitsha
81B	36	Onne
118D	45	Onoda
119C	45	Onomichi
27D	25	Onsala
116D	46	Onsan
128A	48	Onslow
181C	56	Ontario (Great Lakes)
140B	51	Ontario (Hudson Bay)
52A	30	Onton
181C	56	Ontonagon
46D	22	Ooltgensplaat
		Oostende, see Ostend
46D	22	Oosterhout
		Oosterschelde, see Eastern Scheldt
48B	22	Oostkamp
43C	22	Oostmahorn
61C	31	Opatija (Abbazia)
81C	36	Opobo
121B	45	Oppama
21B	20	Opploygfjord
131D	48	Opua
131B	48	Opunake
149D	62	Oquendo
164A	60	Oracabessa
76B	28	Oran
169B	54	Orange
84B	34	Oranjemund Terminal
159D	61	Oranjestad
11D	16	Orbost
142A	50	Orca
70B	29	Ordu
29D	24	Orebro
145A	52	Oregon (OR)
30B	24	Oregrund
39B	25	Orehoved
16D	17	Orford Haven
157C	60	Orinoco, River
	19	Orion
35C	26	Orissaare
57A	28	Oristano
32B	26	Oritkarin Laituri
35C	26	Orjaku
21C	24	Orkanger
12C	16	Orkney Islands
179C	57	Orleans Island
92B	40	Ormara
65D	32	Ormilia
107A	44	Ormoc
31B	24	Ornskoldsvik
126C	48	Oro Bay
11C	16	Oronsay Island
65A	32	Oropos
108B	44	Oroquieta
165A	60	Orozco
29B	24	Orrfjarden
		Orsera, see Vrsar
67A	29	Orsova
45C	22	Orsoy
37C	25	Orth
52C	30	Ortigueira
60B	28	Ortona
30D	24	Ortviken
31D	26	Orviken
17A	17	Orwell, River
156B	62	Os Estreitos
120B	45	Osaka
119C	45	Osaki
119C	45	Osakikami Shima
13B	19	Oseberg
87C	35	Oseif
123B	45	Oseto
182D	56	Oshawa
28D	25	Oskarshamn
43A	23	Oslebshausen
26A	24	Oslo
25C	24	Oslofjord
108A	44	Osmena
35C	26	Osmusaar Island
	19	Osprey
137B	14	Ossora
38D	25	Ostby
26C	24	Ostdalen
42B	65	Oste, River
48B	22	Ostend (Oostende)
48C	22	Ostend-Bruges Canal
137C	14	Ostenga
37D	65	Ostermoor
58A	28	Ostia
31A	24	Ostrand
169C	54	Ostrica
180A	56	Oswego
132B	48	Otago Harbour
119B	45	Otake
117C	45	Otaru
137A	39	Otome Bay
34D	26	Otradnoye
60A	29	Otranto
121D	45	Otsuchi
	51	Ottawa
27C	24	Otterbacken
1C	17	Otterham Quay
21A	20	Ottersoy
	34	Ouagadougou
45B	22	Oud Beijerland
46D	22	Ouddorp
		Oude Maas, see Old Maas
		Oude Rijn, see Old Rhine
45A	22	Ouderkerk
76D	30	Oued Sebou
80C	36	Ouidah
132C	48	Ouinne
49C	18	Ouistreham
16D	17	Oulton Broad
32B	26	Oulu
132C	48	Ounia
16C	17	Ouse, River (Norfolk)
15D	16	Ouse, River (Yorkshire)
12A	16	Outer Hebrides
47A	22	Ouwerkerk
72D	33	Ovacik
133B	49	Ovalau Island
44C	22	Overschie
120C	45	Owase
182A	56	Owen Sound
82C	36	Owendo
2B	17	Owers Light
29C	24	Oxelosund
22B	24	Oye
20B	21	Oyjordneset
174B	58	Oyster Bay
23C	24	Oystese
108B	44	Ozamis (Misamis)
137A	14	Ozernovskiy

P

Col. No.	Page No.	
132D	48	Paagoumene
48A	22	Paal
139C	14	Paamiut (Frederikshaab)
28D	25	Paaskallavik
150B	62	Pabellon de Pica
149C	62	Pacasmayo
64A	32	Pachi (Pakhi)
64C	32	Pachia Ammos
124B	48	Pacific Islands (Eastern)
132C	48	Pacific Islands (Western)
100B	42	Padang
140D	51	Padloping Island
4B	17	Padstow
125A	48	Paeu
61D	31	Pag (Pago)
61D	31	Pag (Pago) Island
108C	44	Pagadian
100B	42	Pagai Selatan Island
100B	42	Pagai Utara Island
82B	36	Pagalu Island
105C	44	Pagbilao
		Pago Island, see Pag Island
133D	49	Pago Pago
		Pago, see Pag
51A	30	Paimboeuf
49D	18	Paimpol
10D	16	Paisley
132D	48	Paita (New Caledonia)
149B	62	Paita (Peru)
111C	41	Pak Ha Mun
125A	48	Pakera Point
		Pakhi, see Pachi
92A	40	Pakistan
109C	41	Paknam
168D	54	Palacios
55C	31	Palamos
83D	36	Palanca Terminal
36A	26	Palanga
99D	42	Palangkaraya
171C	55	Palatka
56D	31	Palau (Italy)
124C	48	Palau (Palau)
105A	44	Palawan Island
35B	26	Paldiski
101C	42	Palembang
163A	61	Palenque Terminal
64C	32	Paleochora
59A	28	Palermo
	48	Palikir
133B	48	Palikulo Bay
35B	26	Paljassaare (Kopli)
171B	55	Palm Beach
78A	34	Palma
54D	28	Palma (Palma de Mallorca)
78C	34	Palmeira
	15	Palmer
135A	49	Palmyra Atoll
95B	40	Palmyras Point
10A	17	Palnackie
164D	60	Palo Alto
107A	44	Palompon
104D	43	Palopo
105A	43	Palu
157C	61	Palua
50A	18	Paluden
102B	42	Pamanukan
158B	61	Pamatacual
158B	61	Pamatacualito
94B	40	Pamban
106D	44	Pambuhan
158A	61	Pampatar
106B	44	Pamplona
108D	44	Panabo
108C	44	Panabutan
94C	40	Panadura
93B	40	Panaji (Panjim)
148B	60	Panama
166B	60	Panama (Caribbean)
166C	68	Panama Canal
148C	68	Panama City (Panama)
170D	54	Panama City (U.S.A.)
58D	28	Panarea Island
102D	42	Panarukan
107A	44	Panay Island
67A	29	Pancevo
133D	49	Pangai
86C	35	Pangani
105D	44	Pangi
100D	42	Pangkalan Brandan
100A	42	Pangkalan Bun
100D	42	Pangkalan Susu
101D	42	Pangkalbalam
101D	42	Pangkalpinang
140C	51	Pangnirtung
100A	42	Panjang
		Panjim, see Panaji
65A	32	Panormos
64D	32	Panormos Bay
59B	28	Pantelleria Island
105A	43	Pantoloan
112B	46	Panyu
112D	38	Panyu Terminal
58C	28	Paola
134B	49	Papeete
43B	22	Papenburg
45B	22	Papendrecht
73A	33	Paphos
125D	48	Papua New Guinea
3D	17	Par
156B	62	Para, River
106A	44	Paracale
111A	41	Paracel Islands (Disputed)
157C	61	Paradero
95A	40	Paradip
158C	61	Paraguana Peninsula
153C	64	Paraguay
153C	64	Paraguay, River
33B	26	Parainen (Pargas)
157A	62	Paramaribo
149C	62	Paramonga
137A	39	Paramushir Island
153C	64	Parana
153A	64	Parana, River
154D	64	Paranagua
157A	62	Paranam
104D	43	Pare Pare
		Parenzo, see Porec
		Pargas, see Parainen
77C	34	Pargo Point
157A	62	Pariacabo
148B	60	Parida Island
104C	43	Parigi
156C	62	Parintins
49B	18	Paris
148C	60	Parita Bay
17A	17	Parkeston Quay
156A	62	Parnaiba
35D	26	Parnu
64D	32	Paros
64D	32	Paros Island
4D	17	Parrett, River
176B	57	Parrsboro
182A	56	Parry Sound
111C	41	Parseval Bay
6C	17	Partington
176A	57	Partridge Island
105D	44	Pasacao
169A	54	Pasadena
51D	30	Pasajes
170C	54	Pascagoula
97A	42	Pasir Gudang
97B	42	Pasir Panjang
92A	40	Pasni
178D	57	Paspebiac
170C	54	Pass Christian
8C	17	Passage East
8C	17	Passage West
67C	66	Passau
165B	60	Pastelillo
102C	42	Pasuruan
28D	25	Pataholm
174B	58	Patchogue
131B	48	Patea
95C	40	Patenga Point
32B	26	Pateniemi
95D	41	Pathein
95D	41	Pathein River
72A	32	Patmos
72A	32	Patmos Island
63B	29	Patras
18D	20	Patrekshofn (Vatneyri)
109B	41	Pattani
109D	41	Pattaya
96B	40	Patua
172D	58	Patuxent River
51C	30	Pauillac

Col. No.	Page No.	
170A	54	Paulina
173B	58	Paulsboro
60D	31	Pavia
36A	26	Pavilosta
104A	43	Payahe
166C	60	Payardi Island
73A	33	Payas
154A	64	Paysandu
70A	29	Pazar
135B	49	Pearl Harbour
		Pearl River, see Zhu Jiang
85A	35	Pebane
156A	62	Pecem
138C	21	Pechenga
138A	14	Pechora, River
157D	61	Pedernales
78C	34	Pedra de Lume
148B	60	Pedregal
	68	Pedro Miguel Locks
174A	58	Peekskill
7B	17	Peel
37A	25	Peene, River
37A	25	Peenemunde
102B	42	Pekalongan
97B	41	Pekan
101A	42	Pekanbaru
		Peking, see Beijing
59B	28	Pelagie Islands
182B	56	Pelee Island
	19	Pelican
60D	31	Pellestrina
42A	23	Pellworm Island
154C	64	Pelotas
100A	42	Pemangkat
85B	35	Pemba
86C	35	Pemba Island
5C	17	Pembroke
96C	41	Penang (Pinang)
97D	41	Penara Terminal
5A	17	Penarth
151A	63	Penco
4B	17	Pendeen
182A	56	Penetanguishene
115C	46	Penglai
	19	Penguin
53B	28	Peniche
97B	42	Peninsular Malaysia (E. coast)
96C	41	Peninsular Malaysia (W. coast)
6A	17	Penmaenmawr
50B	18	Penmarc'h Point
81A	36	Pennington Terminal
173A	58	Pennsylvania (PA) (Atlantic)
180A	56	Pennsylvania (PA) (Great Lakes)
175C	57	Penobscot River
3D	17	Penryn
3D	17	Penryn River
170D	54	Pensacola
173B	58	Pensauken
3D	17	Pentewan
12C	16	Pentland Firth
12C	16	Pentland Skerries
101C	42	Penuba
4A	17	Penzance
79C	36	Pepel
96C	41	Perai
64B	32	Perama
101A	42	Perawang
179A	57	Perce
88D	35	Perim (Mayyun) Island
68D	27	Perm
34A	26	Pernaja
44D	22	Pernis
50A	18	Perros Guirec
128B	48	Perth (Australia)
14B	16	Perth (Scotland)
173C	58	Perth Amboy
158B	61	Pertigalete
158B	61	Pertigalete Bay
57C	31	Pertusola
149B	62	Peru
135C	39	Pervaya Rechka
60C	31	Pesaro
149D	62	Pescadores Islands (Peru)
113B	47	Pescadores Islands (Taiwan)
60B	28	Pescara
14A	16	Peterhead
142C	52	Petersburg
49B	18	Petit Couronne
163C	61	Petit Goave
49B	18	Petit Quevilly
176A	57	Petitcodiac River
179B	57	Petite Vallee
35A	26	Petrodvorets
		Petrokrepost, see Shlisselburg
	19	Petronella
137B	14	Petropavlovsk-Kamchatskiy
62C	29	Petrovac
35A	9	Petrozavodsk
137C	14	Pevek
36B	26	Peyse
64B	32	Phaleron Bay
173A	58	Philadelphia
105A	44	Philippines
161D	61	Philipsburg
92B	40	Phitti Creek
110B	41	Phnom Penh
134D	49	Phoenix Islands
110D	41	Phu My
110A	41	Phu Quoc Island
96B	41	Phuket
110B	41	Phuoc Khanh
110D	41	Phuoc Tai
146D	59	Pichilingue
	19	Pickerill
157B	62	Pickersgill
77A	34	Pico Island
182D	56	Picton (Canada)
131D	48	Picton (New Zealand)
178A	57	Pictou
7A	17	Piel
12D	16	Pierowall Harbour
32C	26	Pietarsaari (Jakobstad)
57B	31	Pietra Ligure
160C	61	Pigeon Point
164C	60	Pilon
		Pilos, see Pylos
169C	54	Pilottown
136C	14	Pilvo
149C	62	Pimentel
		Pinang, see Penang
171A	55	Pine Island
172C	58	Piney Point (MD)
113A	47	Pinghai
115A	47	Pingtang
17A	17	Pinmill
42B	23	Pinnau, River
57D	31	Piombino
36B	26	Pionerskiy
92D	40	Pipavav
	19	Piper
64B	32	Piraeus
61A	31	Piran
50D	30	Piriac
154B	64	Piriapolis
158B	61	Piritu
57C	31	Pisa
150B	62	Pisagua
149D	62	Pisco
184A	57	Pistolet Bay
134C	49	Pitcairn Island
134B	49	Pitcairn Islands
31D	26	Pitea
34D	26	Pitkaranta
14B	16	Pittenweem
145D	53	Pittsburg
170C	55	Pittsburgh (PA)
140A	14	Pituffik
148D	62	Pizarro
185A	57	Placentia
184D	57	Placentia Bay
108A	44	Placer
101C	42	Plaju
170B	54	Plaquemine
108B	44	Plaridel
136A	39	Plastun
152D	64	Plate, River (Argentina)
154B	64	Plate, River (Uruguay)
63A	29	Platiyali
109C	41	Platong Terminal
167D	60	Playa del Carmen
184B	57	Pleasant Cove
142B	52	Pleasant Island
50A	18	Pleubian
62B	29	Ploce
61B	31	Plomin
50A	18	Plouescat
50B	18	Plougastel
143C	52	Plumper Sound
3C	17	Plymouth (England)
161B	61	Plymouth (Montserrat)
160C	61	Plymouth (Trinidad and Tobago)
175A	58	Plymouth (U.S.A.)
3C	17	Plymouth Sound
63C	32	Plytra
60C	31	Po, River
66B	32	Podima
35A	26	Podporozhye
135D	39	Podyapolskoye
136C	14	Pogranichnoye
116D	46	Pohang
33C	26	Pohja
124D	48	Pohnpei (Ponape) Island
141A	50	Point Barrow
173A	58	Point Breeze
94B	40	Point Calimere
78B	34	Point Central
128A	48	Point Cloates
168D	54	Point Comfort
146B	53	Point Conception
177D	57	Point Edward
160B	61	Point Fortin
174C	58	Point Judith
141A	50	Point Lay
130A	48	Point Lillias
160B	61	Point Lisas
6A	17	Point Lynas
128B	48	Point Moore
128A	48	Point Murat
6A	17	Point of Air
7A	17	Point of Ayre
145D	53	Point Orient
94B	40	Point Palmyra
94B	40	Point Pedro
145C	53	Point Reyes
177C	57	Point Tupper
144B	52	Point Wells
130A	48	Point Wilson
160B	61	Pointe a Pierre
161B	61	Pointe a Pitre
186A	57	Pointe Armour
183C	57	Pointe au Boisvert
179B	57	Pointe au Pere (Father Point)
183B	57	Pointe au Pic
183B	57	Pointe au Platon
51B	30	Pointe aux Herbes
183A	57	Pointe aux Trembles
83A	36	Pointe Banda
51C	30	Pointe de Grave
163C	61	Pointe de Mont Rouis
86A	35	Pointe des Galets
78B	34	Pointe des Mouettes
178B	57	Pointe du Chene
110A	41	Pointe du Depart
83A	36	Pointe Indienne
183D	57	Pointe Noire (Canada)
83A	36	Pointe Noire (The Congo)
82D	36	Pointe Ognone
50B	18	Pointe St. Mathieu
137C	14	Pokhodsk
		Pola, see Pula
36B	25	Poland
4A	17	Poldhu
36D	25	Police
106B	44	Polillo
106B	44	Polillo Island
24C	24	Pollen
108C	44	Polloc
138C	21	Polyarnyy
104D	43	Pomalaa
53C	30	Pomarao
157B	62	Pomeroon River
126A	48	Pomio
66C	32	Pomorie
		Ponape Island, see Pohnpei Island
162C	61	Ponce
94D	40	Pondicherry
138B	21	Pongoma
93C	40	Ponnani
49A	18	Pont Audemer
50B	18	Pont l'Abbe
156A	62	Ponta da Madeira
79B	36	Ponta de Pau
77B	34	Ponta Delgada (Azores)
77C	34	Ponta Delgada (Madeira Islands)
77B	34	Ponta do Arnel
78B	34	Ponta do Sol
155B	64	Ponta do Ubu
85A	35	Ponta Dobela
49C	18	Pontaubault
52D	30	Pontevedra
100A	42	Pontianak
49D	18	Pontrieux
58A	28	Ponza
58A	28	Ponza Island
2D	17	Poole
44D	22	Poortershaven
92D	40	Porbandar
61B	31	Porec (Parenzo)
33A	26	Pori
33D	26	Porkkala
158A	61	Porlamar
126C	48	Porlock Harbour
51A	30	Pornic
106C	44	Poro (Luzon Island)
132D	48	Poro (New Caledonia)
107A	44	Poro (Poro Island)
107A	44	Poro Island
136B	39	Poronaysk
63D	32	Poros
143A	52	Porpoise Harbour
56A	31	Porquerolles
19D	21	Porsangerfjord
25B	24	Porsgrunn
169A	54	Port Adams
		Port Adelaide, see Adelaide
143B	52	Port Alberni
129A	48	Port Alfred (Australia)
183B	57	Port Alfred (Canada)
143B	52	Port Alice
135A	49	Port Allen (Hawaii)
170B	54	Port Allen (U.S.A.)
130D	48	Port Alma
162A	61	Port Alucroix
133A	48	Port Aneityum
144D	52	Port Angeles
164B	60	Port Antonio
168D	54	Port Aransas
169A	54	Port Arthur
169A	54	Port Arthur Canal
11B	16	Port Askaig
184B	57	Port au Port Bay
163C	61	Port au Prince
183B	57	Port au Saumon
128D	48	Port Augusta
184B	57	Port aux Basques
151D	11	Port aux Francais
105D	44	Port Balanacan
11A	16	Port Bannatyne
106D	44	Port Barrera
49D	18	Port Barrier
105A	44	Port Barton
107A	44	Port Batan
96B	40	Port Blair
144C	52	Port Blakely
50A	18	Port Blanc
185C	57	Port Blandford
132C	48	Port Boise
169A	54	Port Bolivar
128D	48	Port Bonython
178A	57	Port Borden
130B	48	Port Botany
80B	36	Port Bouet
76A	28	Port Breira
128D	48	Port Broughton
182B	56	Port Burwell
163D	60	Port Bustamante
105B	44	Port Calton
171B	55	Port Canaveral
95B	40	Port Canning
129B	48	Port Caroline
183C	57	Port Cartier
132B	48	Port Chalmers
174B	58	Port Chester
145D	53	Port Chicago
182C	56	Port Colborne
142C	52	Port Conclusion
145D	53	Port Costa
182D	56	Port Credit
180C	56	Port Crescent
182C	56	Port Dalhousie
179A	57	Port Daniel
55D	31	Port de Bouc
185B	57	Port de Grave
56A	31	Port de la Lave
78B	34	Port de L'Amitie
163C	61	Port de Paix
130D	48	Port Denison
96D	41	Port Dickson
5D	17	Port Dinorwic
181B	56	Port Dolomite
131A	48	Port Douglas
182B	56	Port Dover
51A	30	Port du Plomb
169C	54	Port Eads
143A	52	Port Edward
178B	57	Port Elgin
84D	35	Port Elizabeth
11B	16	Port Ellen
129B	48	Port Elliot
99A	42	Port Elphinstone
49C	18	Port en Bessin
7B	17	Port Erin
14A	16	Port Erroll
163D	60	Port Esquivel
171B	55	Port Everglades
128A	48	Port Exmouth

Col. No.	Page No.	
129B	48	Port Fairy
152A	15	Port Foster
74B	67	Port Fouad
169C	54	Port Fourchon
144C	52	Port Gamble
107A	44	Port General MacArthur
82D	36	Port Gentil
176C	57	Port George
128D	48	Port Germein
129A	48	Port Giles
10C	16	Port Glasgow
13D	16	Port Gordon
176B	57	Port Greville
144C	52	Port Hadlock
133C	49	Port Halalo
81B	36	Port Harcourt
143A	52	Port Hardy
126C	48	Port Harvey
177D	57	Port Hastings
177B	57	Port Hawkesbury
127C	48	Port Hedland
141A	50	Port Heiden
176D	57	Port Herbert
71C	32	Port Hiera
109A	44	Port Holland
177D	57	Port Hood
182D	56	Port Hope
186B	57	Port Hope Simpson
146B	53	Port Hueneme
129D	48	Port Huon
180C	56	Port Huron
74B	67	Port Ibrahim
181B	56	Port Inland
106B	44	Port Irene
4C	17	Port Isaac
147A	59	Port Isabel (Mexico)
168C	54	Port Isabel (U.S.A.)
173D	58	Port Ivory
130B	48	Port Jackson
174B	58	Port Jefferson
49A	18	Port Jerome
51A	30	Port Joinville
176D	57	Port Joli
163D	60	Port Kaiser
157C	62	Port Kaituma
76B	30	Port Kelah
130B	48	Port Kembla
96D	41	Port Klang
50B	18	Port la Foret
176D	57	Port La Tour
72A	32	Port Lakki
129C	48	Port Latta
50B	18	Port Launay
168D	54	Port Lavaca
106D	44	Port Libas
128C	48	Port Lincoln
10B	17	Port Logan
50C	18	Port Louis (France)
86B	35	Port Louis (Mauritius)
144C	52	Port Ludlow
130C	48	Port Macquarie
144C	52	Port Madison
176C	57	Port Maitland
171A	55	Port Manatee
144A	52	Port Mann
164A	60	Port Maria
160D	61	Port Marigot
106D	44	Port Matalvi
143D	52	Port McNeill
182A	56	Port McNicoll
96A	40	Port Meadows
176D	57	Port Medway
143D	52	Port Mellon
179A	57	Port Menier
75D	28	Port Methanier
9D	17	Port Millford
173D	58	Port Mobil
144A	52	Port Moody
163D	60	Port Morant
126D	48	Port Moresby
176D	57	Port Mouton
92B	40	Port Muhammad Bin Qasim
77C	34	Port Naos
133A	48	Port Narevin
169B	54	Port Neches
140B	51	Port Nelson
173C	58	Port Newark
131C	48	Port Nicholson
84B	34	Port Nolloth
108A	44	Port Nonoc
140B	51	Port Nouveau Quebec
160B	61	Port of Spain
92C	40	Port Okha
144C	52	Port Orchard
145B	50	Port Orford
6A	17	Port Penrhyn
146B	53	Port Petrol
129D	48	Port Phillip Bay
128D	48	Port Pirie
36B	25	Port Polnocny
		Port Quito, see Luka Mirna
173C	58	Port Reading
111C	41	Port Redon
103A	12	Port Refuge
164A	60	Port Rhoades
173B	58	Port Richmond
128D	48	Port Rickaby
5D	17	Port Rivals
163D	60	Port Royal (Jamaica)
171D	55	Port Royal (U.S.A.)
131D	48	Port Russell
74A	67	Port Said
170D	54	Port St. Joe
84D	35	Port St. Johns
85C	35	Port St. Louis
7B	17	Port St. Mary
146B	53	Port San Luis
108C	44	Port Santa Maria
184A	57	Port Saunders
76C	30	Port Say
55C	31	Port Selva
84D	35	Port Shepstone
72B	32	Port Simi
142D	52	Port Simpson
182B	56	Port Stanley
129B	48	Port Stanvac
130C	48	Port Stephens
7C	17	Port Stewart
87B	35	Port Sudan
169D	54	Port Sulphur
89B	37	Port Sultan Qaboos (Mina Qaboos)
5A	17	Port Talbot
171A	55	Port Tampa
		Port Taranaki, see New Plymouth
74B	67	Port Tewfik
144C	52	Port Townsend
5D	17	Port Trevor
50C	18	Port Tudy
185C	57	Port Union
55C	31	Port Vendres
128D	48	Port Victoria (Australia)
86B	35	Port Victoria (Seychelles)
133A	48	Port Vila
129A	48	Port Vincent
138C	21	Port Vladimir
176C	57	Port Wade
129A	48	Port Wakefield
127C	48	Port Walcott
111C	41	Port Wallut
96C	41	Port Weld
182C	56	Port Weller
130A	48	Port Welshpool
152A	63	Port William (Falkland Islands and Dependencies)
10B	17	Port William (Scotland)
176B	57	Port Williams
7D	17	Portaferry
11A	16	Portavadie
7D	17	Portavogie
49C	18	Portbail
55C	31	Portbou
4D	17	Portbury
156B	62	Portel
5D	17	Porth Dinllaen
4A	17	Porth Mellin
4A	17	Porth Navas
5D	17	Porth Nefyn
5D	17	Porth y Nant
5A	17	Porthcawl
4A	17	Porthcurno
4A	17	Porthleven
5D	17	Porthmadog (Portmadoc)
4A	17	Porthoustock Quarry
59A	28	Porticello
58B	31	Portici
57D	31	Portiglione
53C	30	Portimao
4D	17	Portishead
13D	16	Portknockie
129B	48	Portland (Australia)
3A	17	Portland (England)
175C	57	Portland (Maine)
131D	48	Portland (New Zealand)
145A	52	Portland (Oregon)
3A	17	Portland Bill
14A	16	Portlethen
		Portmadoc, see Porthmadog
9A	17	Portmagee
13C	16	Portmahomack
54C	28	Portman
183C	57	Portneuf
154C	64	Porto Alegre
		Porto Alexandre, see Tombua
83D	34	Porto Amboim
57D	31	Porto Azzurro
57D	31	Porto Baratti
154D	64	Porto Belo (Brazil)
85A	35	Porto Belo (Mozambique)
60D	31	Porto Buso
56D	31	Porto Cervo
60C	31	Porto Corsini
78C	34	Porto da Faja
78C	34	Porto da Preguica
78C	34	Porto de Sal-Rei
58B	31	Porto d'Ischia
59B	28	Porto Empedocle
57A	28	Porto Flavia
60C	31	Porto Garibaldi
78B	34	Porto Grande Bay
78C	34	Porto Inglez
154C	64	Porto Laguna
60C	31	Porto Levante
60D	31	Porto Marghera
60D	31	Porto Nogaro
80C	36	Porto Novo (Benin)
78B	34	Porto Novo (Cape Verde)
94D	40	Porto Novo (India)
153D	64	Porto Peixinho
54D	28	Porto Pi
60C	31	Porto Recanati
79B	36	Porto Ribeiro
84A	34	Porto Saco (Porto Salazar)
77C	34	Porto Santo
77C	34	Porto Santo Island
58A	31	Porto Santo Stefano
155B	62	Porto Seguro
57B	31	Porto Torres
56C	31	Porto Vecchio
156C	62	Porto Velho
57A	28	Porto Vesme
59C	28	Porto Xifonio
155B	64	Portocel (Barra do Riacho)
57D	31	Portoferraio
57C	31	Portofino
25B	24	Portor
61A	31	Portoroz
57A	28	Portoscuso
57C	31	Portovenere
10B	17	Portpatrick
4B	17	Portquin
4B	17	Portreath
12A	16	Portree
7C	17	Portrush
9D	17	Portsalon
130A	48	Portsea
161A	61	Portsmouth (Dominica)
2B	17	Portsmouth (England)
175B	58	Portsmouth (New Hampshire)
174D	58	Portsmouth (Rhode Island)
172C	58	Portsmouth (Virginia)
13D	16	Portsoy
53A	28	Portugal
52A	30	Portugalete
151C	63	Porvenir (Chile)
167B	60	Porvenir (Honduras)
33D	26	Porvoo
45D	22	Porz
63B	29	Poseidonia
58C	31	Positano
104C	43	Poso
135C	39	Posyet
135C	39	Posyeta Bay
69D	29	Poti
172C	58	Potomac River
94B	40	Pottuvil
132D	48	Pouembout
174A	58	Poughkeepsie
132D	48	Poum
52A	30	Povena
35A	9	Povenets
143D	52	Powell River
132D	48	Poya
159B	60	Pozos Colorados Terminal
59B	28	Pozzallo
58B	31	Pozzuoli
109C	41	Prachuap
109C	41	Prachuap Khiri Khan
38B	25	Praesto
	28	Prague
78C	34	Praia
77B	34	Praia da Graciosa
77B	34	Praia da Vitoria
77C	34	Praia Formosa
155B	64	Praia Mole
35B	26	Prangli Island
3C	17	Prawle Point
182D	57	Prescott (Canada)
145A	52	Prescott (U.S.A.)
165C	60	Preston (Cuba)
6D	17	Preston (England)
	35	Pretoria
62D	29	Preveza
34D	26	Primorsk
61D	31	Primosten
140C	51	Prince Charles Island
178A	57	Prince Edward Island
142C	52	Prince of Wales Island
143A	52	Prince Rupert
142A	50	Prince William Sound
166A	60	Princess Cays
82C	36	Principe Island
65D	32	Prinos Terminal
		Prins Christians Sound, see Ikerasassuaq
43D	22	Prinses Margriet Canal
59C	28	Priolo
34D	26	Priozersk
102D	42	Probolinggo
58B	31	Procida
58B	31	Procida Island
167D	60	Progreso
102A	42	Prointal
132C	48	Prony
56C	31	Propriano
177A	57	Prospect
63C	29	Proti Island
174D	58	Providence
86B	35	Providence Island
165D	61	Providenciales
165D	61	Providenciales Island
137C	14	Provideniya
137C	14	Provideniya Bay
175A	58	Provincetown
61B	31	Prtlog
141A	50	Prudhoe Bay
65D	32	Psahoudia
65B	32	Psakhna
71D	32	Psara Island
71D	32	Psaron
141D	50	Puale Bay
176D	57	Pubnico
156D	62	Pucallpa
62A	29	Pucise
23B	24	Puddefjord
54A	30	Puente Mayorga
153B	64	Puerto Acevedo
147C	59	Puerto Angel
164B	60	Puerto Baitiqueri
54A	30	Puerto Banus
167B	60	Puerto Barrios
149B	62	Puerto Bayovar
152D	63	Puerto Belgrano
166B	60	Puerto Bello
167A	60	Puerto Benjamin Zeledon
159B	61	Puerto Bolivar (Colombia)
149B	62	Puerto Bolivar (Ecuador)
153B	64	Puerto Borghi
151B	63	Puerto Bories
158C	61	Puerto Cabello
167A	60	Puerto Cabezas
167A	60	Puerto Cabo Gracias a Dios
76C	30	Puerto Capaz
158B	61	Puerto Carenero
151B	63	Puerto Carmen
157D	61	Puerto Carreno
167A	60	Puerto Castilla
147C	59	Puerto Chiapas (Puerto Madero)
159C	60	Puerto Cispata
159C	60	Puerto Colombia
167B	60	Puerto Cortes
167C	60	Puerto Costa Maya
154B	64	Puerto de Carmelo
158A	61	Puerto de Hierro
		Puerto de la Luz, see Las Palmas
53D	30	Puerto de Santa Maria
52B	30	Puerto de Vega
77C	34	Puerto del Rosario
152C	63	Puerto Deseado
159B	60	Puerto Drummond
		Puerto Duarte, see Arroyo Barril
151B	63	Puerto Eden
152D	63	Puerto Galvan
157D	62	Puerto Inirida
		Puerto Iradier, see Cogo
158B	61	Puerto Jose

Col. No.	Page No.	
167D	60	Puerto Juarez
158B	61	Puerto la Cruz
147A	59	Puerto Libertad
166D	60	Puerto Limon
		Puerto Madero, see Puerto Chiapas
152C	63	Puerto Madryn
146D	59	Puerto Magdalena
151B	63	Puerto Melinka
158D	61	Puerto Miranda
166D	60	Puerto Moin
151A	63	Puerto Montt
167D	60	Puerto Morelos
167D	60	Puerto Mujeres
152D	63	Puerto Nacional
151B	63	Puerto Natales
157D	62	Puerto Nuevo
153B	64	Puerto Obligado
157C	61	Puerto Ordaz
165B	60	Puerto Padre
150D	63	Puerto Papudo
147A	59	Puerto Penasco
151C	63	Puerto Percy
162D	61	Puerto Plata
54D	28	Puerto Pollensa
105B	44	Puerto Princesa
		Puerto Prodeco, see Puerto Zuniga
151B	63	Puerto Quellon
151B	63	Puerto Quemchi
147C	59	Puerto Quetzal
106B	44	Puerto Real (Philippines)
53D	30	Puerto Real (Spain)
162B	61	Puerto Rico
152D	63	Puerto Rosales
148A	60	Puerto Sandino
152D	64	Puerto Santiago
158A	61	Puerto Sucre
165B	60	Puerto Tarafa
		Puerto Tortuguero, see Azua
147B	59	Puerto Vallarta
166D	60	Puerto Vargas
150D	63	Puerto Ventanas
163B	61	Puerto Viejo de Azua
153C	64	Puerto Vilelas
153D	64	Puerto Villeta
151D	63	Puerto Williams
159B	60	Puerto Zuniga (Puerto Prodeco)
144B	52	Puget Sound
178A	57	Pugwash
34C	26	Puhos
28C	25	Pukavik
114D	47	Pukou
61B	31	Pula (Pola)
115D	46	Pulandian
99D	42	Pulang Pisau
97B	42	Pulau Ayer Chawan
100B	42	Pulau Baai
101B	42	Pulau Batam
97B	42	Pulau Bukom
99A	42	Pulau Bunyu
101A	42	Pulau Halang
96C	41	Pulau Langkawi
99C	42	Pulau Laut
97A	42	Pulau Merlimau
96D	41	Pulau Pangkhor
97A	41	Pulau Pisang
97B	42	Pulau Sakra
101B	42	Pulau Sambu
97B	42	Pulau Sebarok
94D	40	Pulicat
94B	40	Pulmoddai
107C	44	Pulupandan
130C	48	Pumice Stone Strait
149B	62	Puna
149B	62	Puna Island
152D	63	Punta Ancla
151C	63	Punta Arenas
157C	61	Punta Barima
158D	61	Punta Botija
158D	61	Punta Camacho
53D	30	Punta Camarinal
58C	31	Punta Campanella
158D	61	Punta Cardon
168B	59	Punta Cazones
148C	62	Punta Charambira
150D	63	Punta Chungo
152D	63	Punta Ciguena
158D	61	Punta Codore
152C	63	Punta Colorada
157C	61	Punta Cuchillo
52C	30	Punta de la Estaca
164B	60	Punta de Maisi
154B	64	Punta del Este
148B	60	Punta Dominical
151C	63	Punta Dungeness
167B	60	Punta Gorda (Belize)
165D	60	Punta Gorda (Cuba)
158D	61	Punta Gorda (Venezuela)
158D	61	Punta Icotea
149B	62	Punta Lobitos
152B	63	Punta Loyola
148A	60	Punta Morales
159A	61	Punta Palmas
159A	61	Punta Piedras
146D	59	Punta Prieta
152B	63	Punta Quilla
52A	30	Punta Saltacaballo
167D	60	Punta Sam
167C	60	Punta Venado
148A	60	Puntarenas
158D	61	Punto Fijo
111D	41	Puqian
1A	17	Purfleet
95A	40	Puri
		Pusan, see Busan
184C	57	Pushthrough
101C	42	Pusri
95C	40	Pussur River
113B	47	Pu-Tai
94C	40	Puttalam
45B	22	Puttershoek
37C	25	Puttgarden
5D	17	Pwllheli
116B	46	Pyeongtaek (Pyongtaek)
33A	26	Pyharanta
65B	32	Pyli
63C	29	Pylos (Pilos)
116A	46	Pyongyang
63C	29	Pyrgos
72A	32	Pythagorion

Q

Col. No.	Page No.	
140A	14	Qaanaaq (Thule)
88C	35	Qadimah
89B	37	Qalhat Terminal
139B	14	Qaqortoq (Julianehaab)
139D	14	Qasigiannguit (Christianshaab)
		Qasr Ahmed, see Misurata
90B	37	Qatar
139D	14	Qeqertarsuaq (Godhavn)
91D	37	Qeshm
91D	37	Qeshm Island
115B	46	Qianwan
111D	41	Qin Jiang
115B	46	Qingdao
112A	41	Qinglan
115D	46	Qinhuangdao
111D	41	Qinzhou
112A	41	Qionghai
81C	36	Qua Iboe (Kwa Ibo) Terminal
176A	57	Quaco Bay
111B	41	Quang Ninh
111C	41	Quang Yen
172C	58	Quantico
113D	47	Quanzhou
90C	37	Quarrayah
143A	52	Quatsino Sound
183B	57	Quebec
140A	51	Quebec (Arctic)
183A	57	Quebec (St. Lawrence, N. coast)
178D	57	Quebec (St. Lawrence, S. coast)
143A	52	Queen Charlotte Islands
1D	17	Queenborough
129D	48	Queenscliff
6B	17	Queensferry
130C	48	Queensland (E. coast)
127A	48	Queensland (W. coast)
85A	35	Quelimane
		Quemoy, see Jinmen Island
148B	60	Quepos
152D	63	Quequen
111A	41	Qui Nhon
50C	18	Quiberon
49B	18	Quillebeuf
		Quilon, see Kollam
50B	18	Quimper
105B	44	Quinabigan
108B	44	Quinalang Cove
175B	58	Quincy
150D	63	Quintero
186A	57	Quirpon
167A	60	Quita Sueno Bank
105C	44	Quitang Point
	62	Quito
7D	17	Quoile Quay
89C	37	Quoins, The
174D	58	Quonset
139A	14	Qutdleq
140A	14	Qutdligssat

R

Col. No.	Page No.	
28A	25	Raa
32B	26	Raahe
46D	22	Raamsdonksveer
61D	31	Rab (Arbe)
61D	31	Rab (Arbe) Island
61B	31	Rabac
76D	34	Rabat
125D	48	Rabaul
88C	35	Rabigh
168B	59	Rabon Grande
175A	58	Race Point
181A	56	Racine
75C	31	Rades
49A	18	Radicatel
74A	33	Rafah
65A	32	Rafina
25B	24	Rafnes
166A	60	Ragged Island
131B	48	Raglan
		Ragusa, see Dubrovnik
32C	26	Rahja
134A	49	Raiatea Island
1C	17	Rainham
145A	52	Rainier
134B	49	Rairua
134B	49	Raivavae Island
98A	42	Rajang
		Rajin, see Najin
92D	40	Rajula
		Rama, see Arlen Siu
186C	51	Ramah
153B	64	Ramallo
184B	57	Ramea Island
9D	17	Ramelton
20A	21	Ramfjordnes
7A	17	Ramsey
1D	17	Ramsgate
20C	20	Ramsund
26D	24	Ramsvik
31A	24	Ramvik
20D	20	Ranafjord
52D	30	Rande
40D	25	Randers
140C	51	Rankin Inlet
96B	41	Ranong
113A	47	Raoping
134B	49	Rapa Island
57C	31	Rapallo
129B	48	Rapid Bay
173C	58	Raritan River
134A	49	Rarotonga Island
90C	37	Ras al Ghar
89A	37	Ras al Hadd
88D	35	Ras al Katheeb (Ras al Katib)
90D	37	Ras al Khafji
89C	37	Ras al Khaimah
90D	37	Ras al Mishab
90D	37	Ras as Saffaniya
87A	35	Ras Asir (Cape Guardafui)
91C	37	Ras Bahregan Terminal
87C	35	Ras Banas
88B	35	Ras Baridi
88A	33	Ras Budran Terminal
75C	28	Ras Dimasse
74D	29	Ras el Hilal
	67	Ras el Ish
87D	33	Ras Gharib
88D	35	Ras Isa Terminal
90B	37	Ras Laffan
74D	29	Ras Lanuf
92A	37	Ras Maidani
88A	33	Ras Malab
87D	33	Ras Misalla
87D	33	Ras Shukheir Terminal
88A	33	Ras Sudr Terminal
90C	37	Ras Tanura
75B	28	Ras Tina
90A	37	Ras Zubbayah
61B	31	Rasa
31C	26	Ratan
7C	17	Rathlin Island
9D	17	Rathmullen
93A	40	Ratnagiri
14A	16	Rattray Head
110B	41	Rau Qua
22C	24	Raudeberg
21D	24	Raudsand (Rausand)
18B	20	Raufarhofn
33A	26	Rauma
		Rausand, see Raudsand
174A	58	Ravena
7B	17	Ravenglass
60C	31	Ravenna
132B	48	Ravensbourne
	19	Ravenspurn
62A	29	Ravnice
144D	52	Raymond
109D	41	Rayong
110A	41	Ream
57C	31	Recco
155D	62	Recife
183B	57	Red Islet
111C	41	Red River
181D	56	Red Rock
87A	35	Red Sea
2D	17	Redbridge
15C	16	Redcar
93B	40	Redi
50D	18	Redon
146B	53	Redondo Beach
6A	17	Redwharf Bay
146A	53	Redwood City
16D	17	Reedham
145B	50	Reedsport
173A	58	Reedy Island
173A	58	Reedy Point
67C	66	Regensburg
59D	29	Reggio di Calabria
165A	60	Regla
49C	18	Regneville
123C	45	Reihoku
24C	24	Rekefjord
71C	32	Rema Bay
46A	20	Remagen
102B	42	Rembang
117A	46	Rempo
125B	48	Renard Sound
184C	57	Rencontre
125C	48	Rendova Harbour
125C	48	Rendova Island
37D	65	Rendsburg
	19	Renee
185A	57	Renewse
10D	16	Renfrew
126B	48	Rengau
66D	29	Reni
174A	58	Rensselaer
51D	30	Renteria
32D	26	Reposaari
19D	21	Repparfjord
8A	17	Republic of Ireland (Eire)
52A	30	Requejada
71C	32	Resadiye
170A	54	Reserve
140D	14	Resolute
140C	51	Resolution Island
64D	32	Rethimnon
86A	35	Reunion
93A	40	Revadanda
175B	58	Revere
23A	24	Revsnes
178C	57	Rexton
18A	20	Reydharfjordur
19A	20	Reykholar
19B	20	Reykjanes
19B	20	Reykjavik
45D	22	Rheinhausen
45C	22	Rhine (Rhein), River
45C	22	Rhine (River Rijn), River
174C	58	Rhode Island (RI)
72B	32	Rhodes
72B	32	Rhodes Island
55D	31	Rhone, River
6A	17	Rhyl
52B	30	Ribadeo
52A	30	Ribadesella
6D	17	Ribble, River
41D	25	Ribe
37B	25	Ribnitz
84D	35	Richards Bay
2A	17	Richborough
178C	57	Richibucto
146A	53	Richmond (California)
172C	58	Richmond (Virginia)
1D	17	Ridham Dock
48A	22	Rieme
19A	20	Rifshofn
35D	26	Riga
186B	51	Rigolet
61C	31	Rijeka (Fiume)
	19	Rijn

Col. No.	Page No.	
		Rijn, River, see Rhine, River
45B	22	Rijswijk
134B	49	Rikitea
33C	26	Rilax
60C	31	Rimini
179B	57	Rimouski
58D	28	Rinella
125C	48	Ringi Cove
41D	25	Ringkobing
82B	36	Rio Benito
164A	60	Rio Bueno
164D	60	Rio Coloma
152B	63	Rio Cullen Terminal
155A	64	Rio de Janeiro
81D	36	Rio del Rey
82B	36	Rio Etembue
152B	63	Rio Gallegos
152B	63	Rio Grande (Argentina)
154C	64	Rio Grande (Brazil)
168C	54	Rio Grande (U.S.A.)
159B	61	Rio Hacha
163A	61	Rio Haina
167D	60	Rio Lagartos
57D	31	Rio Marina
82B	36	Rio Muni
79C	36	Rio Nunez (Fleuve Tinguillinta)
165B	60	Rio Sagua la Grande
154C	64	Rio Sao Goncalo
151C	63	Rio Seco
		Rio Tejo, see Tagus, River
105B	44	Rio Tuba
148D	62	Rio Verde
63B	29	Rion
59C	28	Riposto
62C	29	Risan
32D	26	Risby
129D	48	Risdon
49A	18	Risle, River
22D	24	Risnes
25A	24	Risor
34B	26	Ristiina
57B	31	Riva Ligure
		River Ijssel, see River Yssel
		River, see proper name
174B	58	Riverhead
176D	57	Riverport
167C	60	Riversdale
179C	57	Riviere du Loup
27A	25	Rivofjord
		Rixo, see Ryxo
	35	Riyadh
70A	29	Rize
115B	46	Rizhao
17B	17	Roach, River
161D	61	Road Bay
161D	61	Road Harbour
167A	60	Roatan Island
84C	34	Robben Island
129B	48	Robe
185D	57	Roberts Arm
144A	52	Roberts Bank
31C	26	Robertsfors
79D	36	Robertsport
51B	30	Rochefort
1C	17	Rochester (England)
180A	56	Rochester (U.S.A.)
17B	17	Rochford
6B	17	Rock Ferry
130D	48	Rockhampton
175C	57	Rockland
176A	57	Rockport (Canada)
175C	57	Rockport (Maine)
175B	58	Rockport (Massachusetts)
180D	56	Rockport (Michigan)
168D	54	Rockport (Texas)
184A	57	Rocky Harbour
163D	60	Rocky Point
39C	25	Rodbyhavn
186A	57	Roddickton
145D	53	Rodeo
86B	35	Rodrigues Island
38B	25	Rodvig
46C	22	Roermond
140C	51	Roes Welcome Sound
20D	21	Rognan
62B	29	Rogotin
62A	31	Rogoznica
35D	26	Rohukula
36A	26	Roja (Rojas Osta)
		Rojas Osta, see Roja
	19	Rolf
183D	57	Romaine
66C	29	Romania
106D	44	Romblon
106D	44	Romblon Island
	28	Rome
22A	24	Romsdalsfjord
29A	25	Ronehamn
3B	18	Ronez
115B	46	Rongcheng
112B	46	Rongqi
27A	25	Ronnang
38A	25	Ronne
28C	25	Ronneby
21B	24	Ronningen
34A	26	Ronnskar (Finland)
31D	26	Ronnskar (Sweden)
35C	26	Roomassaare
162B	61	Roosevelt Roads
51B	30	Roque de Thau
54B	30	Roquetas
41A	25	Rordal
38D	25	Rorvig
25B	24	Rorvik (Norway, S.E. coast)
21A	20	Rorvik (Norway, W. coast)
26D	24	Rorvik (Sweden)
153B	64	Rosario (Argentina)
105C	44	Rosario (Philippines)
146C	53	Rosarito Terminal
55C	31	Rosas
50B	18	Roscanvel
50A	18	Roscoff
184D	57	Rose au Rue
184B	57	Rose Blanche
161A	61	Roseau
13D	16	Rosehearty
30D	24	Rosenborg
23D	24	Rosendal
173D	58	Roseton
24D	24	Rosfjord
38D	25	Roskilde
10D	16	Rosneath
	19	Ross
8B	17	Rosslare
42C	23	Rosslau
20C	20	Rost
138C	21	Rosta
37B	25	Rostock
68C	29	Rostov
14C	16	Rosyth
124C	48	Rota (Northern Mariana Islands)
53D	30	Rota (Spain)
124C	48	Rota Island
11A	16	Rothesay
44D	22	Rotterdam
128B	48	Rottnest Island
43D	22	Rottum
133C	49	Rotuma Island
		Rouad Island, see Arwad Island
49A	18	Rouen
	19	Rough
67A	29	Rousse
		Rovigno, see Rovinj
61B	31	Rovinj (Rovigno)
17B	17	Rowhedge
107A	44	Roxas (Capiz) (Panay Island)
108C	44	Roxas (Mindanao Island)
2A	17	Royal Sovereign Light
51B	30	Royan
32B	26	Roytta
44D	22	Rozenburg
36C	25	Rozewie
92C	40	Rozi Island
39C	25	Rudkobing
136A	39	Rudnaya Pristan
86C	35	Rufiji River
78D	36	Rufisque
37A	25	Rugen Island
45C	22	Ruhrort
47D	22	Ruisbroek
166A	60	Rum Cay
101A	42	Rumbai
66B	32	Rumelikavagi
117B	45	Rumoi
47D	22	Rumst
17D	20	Runavik
6C	17	Runcorn
31C	24	Rundvik
38C	25	Rungsted
47C	22	Rupel, River
47D	22	Rupelmonde
143B	52	Rupert Inlet
125B	48	Russell Islands
34C	26	Russia
69C	27	Russia (Black Sea)
135C	39	Russia (Pacific)
68B	29	Russia (Sea of Azov)
	15	Russkaya
29A	25	Rutehamn
42B	23	Ruthenstrom
90A	37	Ruwais (Ar Ruays)
	35	Rwanda
69A	27	Rybinsk (Andropov)
2C	17	Ryde
2A	17	Rye
118B	45	Ryotsu
124A	47	Ryukyu Islands
24D	24	Ryvingen
26D	24	Ryxo (Rixo)

S

Col. No.	Page No.	
46A	20	Saar, River
46A	20	Saarbrucken
35C	26	Saaremaa Island
46A	20	Saarlouis
161C	61	Saba
98C	42	Sabah
98D	42	Sabahat
100C	42	Sabang (Indonesia)
106A	44	Sabang (Philippines)
99D	42	Sabangan Bay
169A	54	Sabine
169A	54	Sabine Pass
169B	54	Sabine River
169A	54	Sabine-Neches Canal
51A	30	Sables d'Olonne
92C	40	Sachana
176B	57	Sackville
145D	53	Sacramento
145D	53	Sacramento River
52C	30	Sada
87D	33	Sadat
89D	37	Sadiyat Island
118A	45	Sadoshima
41A	25	Saeby
26A	24	Saetrepollen
23C	24	Saevareid
87C	33	Safaga
27B	24	Saffle
76D	34	Safi
174B	58	Sag Harbour
123D	45	Saganoseki
107C	44	Sagay
26A	24	Sagene
180D	56	Saginaw
186C	51	Saglek Bay
53B	30	Sagres
165B	60	Sagua la Grande
183B	57	Saguenay River
55A	28	Sagunto
23C	24	Sagvaag
138C	21	Saida Bay
		Saida, see Sidon
119D	45	Saidaiji
126C	48	Saidor
110B	41	Saigon, River
		Saigon, see Ho Chi Minh City
122B	45	Saijo
123D	45	Saiki
34B	26	Saimaa Canal
14D	16	St. Abb's Head
4B	17	St. Agnes Head
4B	17	St. Agnes Island
184C	57	St. Albans
170D	54	St. Andrew Bay
176A	57	St. Andrews
159D	61	St. Anna Bay
47A	22	St. Annaland
179B	57	Ste. Anne des Monts
164A	60	St. Anns Bay
177D	57	St. Ann's Harbour
5C	17	St. Ann's Head
186A	57	St. Anthony
179C	57	St. Antoine
3A	18	St. Aubin
85D	35	St. Augustin Bay
171C	55	St. Augustine
184A	57	St. Barbe Harbour
161C	61	St. Barthelemy
169D	54	St. Bernard
51A	30	Saint Brevin
5C	17	St. Bride's Bay
49D	18	St. Brieuc
182C	56	St. Catharines
2C	17	St. Catherine's Point
		St. Christopher, see St. Kitts
180C	56	St. Clair
182A	56	St. Clair River (Canada)
180C	56	St. Clair River (U.S.A.)
179C	57	Ste. Croix
162A	61	St. Croix
14C	16	St. Davids
5C	17	St. David's Head
86A	35	St. Denis
183B	57	St. Etienne
161C	61	St. Eustatius
179B	57	St. Fabien
	19	St. Fergus
56C	31	St. Florent
84C	34	St. Francis Bay
186B	57	St. Francis Harbour
179C	57	St. Francois
170B	54	St. Gabriel
184A	57	St. Genevieve Bay
176A	57	St. George
64B	32	St. George Harbour (Irakleous Harbour)
172B	55	St. George's (Bermuda)
160C	61	St. George's (Grenada)
184B	57	St. George's Harbour
172A	55	St. George's Island
3C	17	St. Germans
3C	17	St. Germans River
5B	17	St. Govan's Head
84A	34	St. Helena and Dependencies
84C	34	St. Helena Bay
84A	34	St. Helena Island
2C	17	St. Helen's
145A	52	St. Helens
3A	18	St. Helier
4B	17	St. Ives
184C	57	St. Jacques
170A	54	St. James
179C	57	St. Jean (Orleans Island)
183B	57	St. Jean (Saguenay River)
51D	30	St. Jean de Luz
176A	57	Saint John
162A	61	St. John
161B	61	St. John's (Antigua and Barbuda)
185A	57	St. John's (Canada)
171C	55	St. Johns River
180D	56	St. Joseph
170D	54	St. Joseph Bay
12B	16	St. Kilda
161C	61	St. Kitts (St. Christopher)
161C	61	St. Kitts-Nevis
179D	57	St. Lambert Lock
157A	62	St. Laurent
184D	57	St. Lawrence
141A	50	St. Lawrence Island
183A	57	St. Lawrence, River (N. bank)
179A	57	St. Lawrence, River (S. bank)
182D	57	St. Lawrence Seaway (Ontario)
179D	57	St. Lawrence Seaway (Quebec)
186B	57	St. Lewis Inlet
78D	36	St. Louis (Senegal)
170C	54	St. Louis (MO) (U.S.A.)
55D	31	St. Louis du Rhone
160D	61	St. Lucia
161C	61	St. Maarten/St. Martin
49D	18	St. Malo
163C	61	St. Marc
184A	57	St. Margaret Bay
12C	16	St. Margaret's Hope
183C	57	Ste. Marguerite, River
86A	35	Ste. Marie Island
171A	54	St. Marks
51A	30	St. Martin de Re
		St. Martin, see St. Maarten
176A	57	St. Martins
185A	57	St. Marys
4B	17	St. Mary's (England)
171C	55	St. Mary's (U.S.A.)
176C	57	St. Mary's Bay
4B	17	St. Mary's Island
181D	56	St. Marys River (Canada)
181B	56	St. Marys River (U.S.A.)
56A	31	Ste. Maxime
77B	34	St. Michael's (San Miguel) Island
159D	61	St. Michiel's Bay
14B	16	St. Monans
50D	30	St. Nazaire
183C	57	St. Nicholas
78C	34	St. Nicholas Island
29A	25	St. Olofsholm
51B	30	St. Palais sur Mer
141D	50	St. Paul Harbour
177D	57	St. Paul Island (Canada)

Col. No.	Page No.	
151D	11	St. Paul Island (French Antarctic Territory)
3A	18	St. Peter Port
177C	57	St. Peter's
178B	57	St. Peter's Harbour
171A	55	St. Petersburg
34D	26	St. Petersburg (Leningrad)
179C	57	Ste. Petronille
161A	61	St. Pierre (Martinique)
184D	57	St. Pierre (St. Pierre and Miquelon)
184C	57	St. Pierre and Miquelon
184D	57	St. Pierre Island (St. Pierre and Miquelon)
86B	35	St. Pierre Island (Seychelles)
49D	18	Saint Quay Portrieux
56A	31	St. Raphael
179C	57	St. Romuald
170A	54	St. Rose
3A	18	St. Sampson
49D	18	St. Servan
175D	57	St. Stephen
162A	61	St. Thomas
56A	31	St. Tropez
5D	17	St. Tudwal's Roads
49C	18	St. Vaast la Hougue
48D	18	St. Valery en Caux
48D	18	St. Valery sur Somme
160C	61	St. Vincent and the Grenadines
78B	34	St. Vincent Island
49A	18	St. Wandrille
124B	48	Saipan Island
123A	45	Saitozaki
119C	45	Saizaki
120B	45	Sakai
122B	45	Sakaide
118C	45	Sakaiminato
118A	45	Sakata
136A	39	Sakhalin Island
123B	45	Sakito
174D	58	Sakonnet River
39B	25	Sakskobing
78C	34	Sal Island
35D	26	Salacgriva
128A	48	Saladin Terminal
148D	62	Salahonda
92A	37	Salakh
89A	35	Salalah (Mina Raysut)
147D	60	Salamar
126C	48	Salamaua
64A	32	Salamis Island
20B	21	Salangen
149C	62	Salaverry
103D	43	Salawati
92C	40	Salaya
3C	17	Salcombe
84C	34	Saldanha Bay
88D	35	Saleef
137D	14	Salekhard
175B	58	Salem (Massachusetts)
173B	58	Salem (New Jersey)
58C	31	Salerno
61D	31	Sali
55D	31	Salin de Giraud
58D	28	Salina (Italy)
160A	61	Salina (Netherlands Antilles)
147C	59	Salina Cruz
58D	28	Salina Island
77C	34	Salinas (Canary Islands)
149A	62	Salinas (Ecuador)
155D	62	Salineiro Terminal
156B	62	Salinopolis
172D	58	Salisbury
32A	26	Salmis
54B	30	Salobrena
106C	44	Salomague
		Salonica, see Thessaloniki
78D	36	Saloum, River
31B	24	Salsaker
21B	20	Salsbruket
166A	60	Salt Cay
15D	16	Salt End
163D	60	Salt River
17D	20	Saltangara
3C	17	Saltash
15C	16	Saltburn-by-the-Sea
20D	21	Saltdal
20D	21	Saltfjord
23C	24	Salthella
	19	Saltire
26D	24	Saltkallan
6B	17	Saltney
154A	64	Salto
74C	29	Salum
155C	62	Salvador
111B	41	Sam Son
165C	60	Sama
162D	61	Samana (Santa Barbara de Samana)
162D	61	Samana Bay
149C	62	Samanco Bay
117D	45	Samani
106D	44	Samar Island
68D	27	Samara (Kuybyshev)
126D	48	Samarai
126D	48	Samarai Island
99C	42	Samarinda
100A	42	Sambas
100A	42	Sambas, River
86A	35	Sambava
177A	57	Sambro Harbour
116D	46	Samchok
116C	46	Samchonpo
116C	46	Samil
133D	49	Samoa (Samoa)
145C	50	Samoa (U.S.A.)
63A	29	Samos (Cephalonia Island)
72A	32	Samos (Samos Island)
72A	32	Samos Island
66A	32	Samothraki Island
104D	43	Sampaga
99D	42	Sampit
40A	25	Samso
70B	29	Samsun
109C	41	Samut Sakhon
167A	60	San Andres
150D	63	San Antonio (Chile)
153D	64	San Antonio (Paraguay)
152C	63	San Antonio Este
60C	28	San Benedetto del Tronto
147B	59	San Blas
146D	59	San Carlos (Baja California)
107C	44	San Carlos (Philippines)
147A	59	San Carlos (Sonora)
55B	28	San Carlos de la Rapita
52B	30	San Ciprian
146C	53	San Clemente
125A	48	San Cristobal (Makira) Island
146C	53	San Diego
52B	30	San Esteban de Pravia
55B	31	San Feliu de Guixols
157C	61	San Felix
153A	64	San Fernando (Argentina)
53D	30	San Fernando (Spain)
160B	61	San Fernando (Trinidad and Tobago)
106C	44	San Fernando Harbour
78C	34	San Filipe
146A	53	San Francisco (U.S.A.)
159A	61	San Francisco (Venezuela)
146A	53	San Francisco Bay
145D	53	San Joaquin River
77A	34	San Jorge Island
	60	San Jose (Costa Rica)
147C	59	San Jose (Guatemala)
105B	44	San Jose (Philippines)
107B	44	San Jose de Buenavista
146D	59	San Jose del Cabo
82C	36	San Juan (Equatorial Guinea)
150A	62	San Juan (Peru)
162B	61	San Juan (Puerto Rico)
53D	30	San Juan de Aznalfarache
147A	59	San Juan de la Costa
52B	30	San Juan de Nieva
166D	60	San Juan del Norte
148A	60	San Juan del Sur
158A	61	San Juan Griego
144B	52	San Juan Island
157D	61	San Juan, River
152C	63	San Julian
153B	64	San Lorenzo (Argentina)
148D	62	San Lorenzo (Ecuador)
147D	60	San Lorenzo (Honduras)
159A	61	San Lorenzo (Venezuela)
146A	53	San Luis Obispo Bay
147A	59	San Marcos Island
	28	San Marino
153C	64	San Martin
53A	28	San Martinho
		San Miguel Island, see St. Michael's Island
153B	64	San Nicolas (Argentina)
150A	62	San Nicolas (Peru)
159D	61	San Nicolas Bay
145C	53	San Pablo Bay
153A	64	San Pedro (Argentina)
167C	60	San Pedro (Belize)
80A	36	San Pedro (Ivory Coast)
146B	53	San Pedro (U.S.A.)
163A	61	San Pedro de Macoris
54C	28	San Pedro del Pinatar
57A	28	San Pietro Island
164C	60	San Ramon
57B	31	San Remo
54A	30	San Roque
	60	San Salvador
166A	60	San Salvador Island
78A	34	San Sebastian (Canary Islands)
51D	30	San Sebastian (Spain)
152B	63	San Sebastian Terminal
105B	44	San Teodoro
151A	63	San Vicente (Chile)
106B	44	San Vicente (Philippines)
	35	Sana
	15	Sanae
56A	31	Sanary-sur-Mer
113A	47	Sanbaimen
112B	46	Sanbu
162D	61	Sanchez
24B	24	Sand
141C	14	Sand Bay
171B	55	Sand Key
98D	42	Sandakan
22C	24	Sandane
30C	24	Sandarne
12D	16	Sanday
25D	24	Sande
25C	24	Sandefjord
48C	18	Sandettie Light Vessel
2A	17	Sandgate
19B	20	Sandgerdhi
28B	25	Sandhammaren
13D	16	Sandhaven
95B	40	Sandheads
24B	24	Sandnes
21A	20	Sandnessjoen
31B	24	Sando
95D	41	Sandoway
17C	20	Sandoy
17C	20	Sandsfjordur (Sans Vaag)
21D	24	Sandstad
114A	47	Sanduao
19A	20	Sandur
180B	56	Sandusky
17C	20	Sandvagur
25A	24	Sandvik (Norway, S.E. coast)
23B	24	Sandvik (Norway, W. coast)
32A	26	Sandvik (Seskaro Island)
31C	24	Sandvik (Sweden, N.E. coast)
26A	24	Sandvika
29C	24	Sandviken (Braviken)
28D	25	Sandviken (Oland Island)
31A	24	Sandviken (Sweden, N.E. coast)
2A	17	Sandwich (England)
175A	58	Sandwich (U.S.A.)
13A	16	Sandwick
173C	58	Sandy Hook
160C	61	Sandy Point (Trinidad and Tobago)
175C	57	Sandy Point (U.S.A.)
87C	35	Sanganeb Anchorage
99C	42	Sangasanga
82D	36	Sangatanga
99B	42	Sangatta Terminal
52D	30	Sangenjo
107D	44	Sangi
104B	43	Sangihe Island
102C	42	Sangkapura
99B	42	Sangkulirang
78D	36	Sangomar Point
29C	24	Sankt Anna
53D	30	Sanlucar de Barrameda
53C	30	Sanlucar de Guadiana
26B	24	Sannesund
52A	30	Sanovia
		Sans Vaag, see Sandsfjordur
57A	28	Sant' Antioco
57A	28	Sant' Antioco Island
146B	53	Santa Barbara
		Santa Barbara de Samana, see Samana
146C	53	Santa Catalina Island
154C	64	Santa Clara
152B	63	Santa Cruz (Argentina)
77A	34	Santa Cruz (Flores Island)
77A	34	Santa Cruz (Graciosa Island)
105D	44	Santa Cruz (Marinduque Island)
146A	53	Santa Cruz (U.S.A.)
78A	34	Santa Cruz de la Palma
77D	34	Santa Cruz de Tenerife
164D	60	Santa Cruz del Sur
125A	48	Santa Cruz Islands
52D	30	Santa Eugenia de Riveira
153C	64	Santa Fe
125B	48	Santa Isabel Island
58A	31	Santa Liberata
165A	60	Santa Lucia
60D	31	Santa Margherita (Italy, N.E. coast)
57C	31	Santa Margherita (Italy, N.W. coast)
78C	34	Santa Maria
77B	34	Santa Maria Island
159B	60	Santa Marta
146B	53	Santa Monica
59C	28	Santa Panagia (Melilli)
54C	28	Santa Pola
167A	60	Santa Rosa de Aguan
147A	59	Santa Rosalia
56D	31	Santa Teresa Gallura
99B	42	Santan Terminal
156C	62	Santana
52A	30	Santander
156C	62	Santarem
	63	Santiago (Chile)
164C	60	Santiago (Cuba)
78C	34	Santiago Island
133A	48	Santo
78B	34	Santo Antao Island
82C	36	Santo Antonio
163A	61	Santo Domingo
106D	44	Santo Nino
106D	44	Santo Nino Island
167B	60	Santo Tomas de Castilla
52A	30	Santona
		Santorini Island, see Thira Island
154D	64	Santos
51D	30	Santurce
112A	41	Sanya (Ya Xian)
155C	62	Sao Francisco do Norte River
154D	64	Sao Francisco do Sul
156A	62	Sao Luiz de Maranhao
84A	34	Sao Nicolau, River
155C	62	Sao Roque
154D	64	Sao Sebastiao
82C	36	Sao Tome
82C	36	Sao Tome and Principe
82C	36	Sao Tome Island
55D	31	Saone, River
98D	42	Sapangar Bay
80D	36	Sapele
171D	55	Sapelo Island
	29	Sarajevo
62D	29	Sarande
126B	48	Sarang
108C	44	Sarangani Bay
68D	27	Saratov
97D	42	Sarawak
97D	42	Sarawak River
71B	32	Saraylar
56D	31	Sardinia (Sardegna)
98A	42	Sarikei
73A	33	Sariseki
3A	18	Sark
182A	56	Sarnia
27D	25	Saro
26B	24	Sarpsborg
57A	28	Sarroch
57C	31	Sarzana
48A	22	Sas van Ghent
47A	22	Sas van Goes
108D	44	Sasa
123B	45	Sasebo
80A	36	Sassandra
37A	25	Sassnitz
148D	62	Satinga
124A	45	Satsunan Islands
109D	41	Sattahip
99D	42	Satui
154B	64	Sauce
24B	24	Sauda
18C	20	Saudarkrokur
90C	37	Saudi Arabia (Persian Gulf)
88B	35	Saudi Arabia (Red Sea)
95B	40	Saugor Island
181D	56	Sault Ste. Marie (Canada)
181B	56	Sault Ste. Marie (U.S.A.)
103C	43	Saumlaki
5B	17	Saundersfoot

Col. No.	Page No.	
145C	53	Sausalito
67B	29	Sava, River
178B	57	Savage Harbour
133D	49	Savaii Island
159C	60	Savanilla
164A	60	Savanna la Mar
171D	55	Savannah
171D	55	Savannah River
31D	26	Savenas
140A	14	Savissivik
57B	31	Savona
34C	26	Savonlinna
133C	49	Savusavu
133B	49	Savusavu Bay
174C	58	Saybrook
173C	58	Sayreville
83D	36	Sazaire Terminal
13A	16	Scalloway
	19	Scapa (North Sea Terminals)
12D	16	Scapa (Scotland)
12C	16	Scapa Flow
15C	17	Scarborough (England)
160C	61	Scarborough (Trinidad and Tobago)
58C	28	Scario
12B	16	Scarp
47B	22	Scheldt (Schelde), River
46D	22	Scheldt-Rhine Canal
47C	22	Schelle
44C	22	Scheveningen
60A	29	Schiavonia
44C	22	Schie Canal
44D	22	Schiedam
	19	Schiehallion
43D	22	Schiermonnikoog
37D	65	Schleswig
37B	25	Schlutup
	19	Schooner
47B	22	Schoten
160A	61	Schottegat
46D	22	Schouwen
42C	23	Schulau
		Schull, see Skull
42B	65	Schwarzenhutten
59B	28	Sciacca
58D	28	Scilla
175A	58	Scituate
59B	28	Scoglitti
		Scoresby Sound, see Ittoqqortoormiit
152A	15	Scotia Bay
10A	16	Scotland
	15	Scott (Antarctica)
	19	Scott (North Sea Terminals)
12C	16	Scrabster
	19	S.E. Tor
81A	36	Sea Eagle Terminal
91D	37	Sea Island Terminal (Iran)
91A	37	Sea Island Terminal (Kuwait)
69C	29	Sea of Azov
70C	32	Sea of Marmara
2B	17	Seaford
6D	17	Seaforth
15B	16	Seaham
140C	51	Seahorse Point
		Seahouses, see North Sunderland
146C	53	Seal Beach
175D	57	Seal Cove
15C	16	Seal Sands
	19	Sean
175C	57	Searsport
146A	53	Seaside
15A	16	Seaton Sluice
144C	52	Seattle
99A	42	Sebatik Island (Indonesian Sector)
99A	42	Sebatik Island (Malaysian Sector)
99A	42	Sebuku Terminal
143D	52	Sechelt
126B	48	Seeadler Harbour
125C	48	Seghe Point
71A	32	Seimen
48D	18	Seine, River
38D	25	Sejero
123D	45	Seki Saki
117D	45	Sekinehama
80B	36	Sekondi
101B	42	Sekupang
73C	33	Selaata
101C	42	Selajar Island
97B	42	Selat Sinki
101B	42	Selatpanjang
26B	24	Selbak
23C	24	Selbjornen
23C	24	Selbjornfjord
16A	16	Selby (England)
145D	53	Selby (U.S.A.)
142A	50	Seldovia
97A	42	Seletar
22C	24	Selje
	19	Selkirk
2B	17	Selsey Bill
66B	32	Selvi Burnu
100B	42	Semangka Bay
100B	42	Semangka Bay Terminal
102B	42	Semarang
97D	42	Sematan Anchorage
97A	42	Sembawang
100D	42	Sembilan Island
96D	41	Sembilan Islands
80C	36	Seme Terminal
68C	27	Semikarakorsk
105B	44	Semirara Island
99A	42	Semporna
143C	52	Senanus Island
121D	45	Sendai
121D	45	Sendai-Shiogama
78D	36	Senegal
60C	31	Senigallia
99C	42	Senipah Terminal
61C	31	Senj
118D	45	Senzaki
116C	46	Seogwipo
	46	Seoul
155A	64	Sepetiba
155A	64	Sepetiba Bay
		Sept Iles, see Seven Islands
104A	43	Seram Island
102A	42	Serang
62B	29	Serbia and Montenegro
98B	43	Seria Terminal
64B	32	Serifos
64B	32	Serifos Island
82A	36	Serpentina Terminal
167A	60	Serrana Bank
61A	31	Servola
53B	28	Sesimbra
32A	26	Seskaro Island
99B	42	Sessayap
52A	30	Sestao
57C	31	Sestri Levante
57B	31	Sestri Ponente
175A	58	Sesuit Harbour
99D	42	Setagin
55C	31	Sete
119C	45	Setoda
53B	28	Setubal
68A	29	Sevastopol
183D	57	Seven Islands (Sept Iles)
4D	17	Severn, River
137A	39	Severo Kurilsk
138B	21	Severodvinsk (Molotovsk)
138C	21	Severomorsk
53D	30	Seville
142A	50	Seward
173C	58	Sewaren
172B	58	Sewells Point
168A	59	Seybaplaya
86B	35	Seychelles
18B	20	Seydhisfjordur
64C	32	Sfakia
63C	29	Sfaktiria Island
75B	28	Sfax
45B	22	'sGravendeel
44C	22	'sGravenhage (Den Haag, The Hague)
113C	47	Sha Lung
141C	14	Shagak Bay
136A	39	Shakhtersk
10D	16	Shandon
114B	47	Shanghai
115D	46	Shanhaiguan
9A	17	Shannon River
113A	47	Shantou
113A	47	Shanwei
12D	16	Shapinsay
89D	37	Sharjah (Mina Khalid)
128B	48	Shark Bay
88A	33	Sharm el Sheikh
88B	33	Sharmah
113D	47	Sharp Peak Island
5A	17	Sharpness
115A	47	Shashi
91B	37	Shatt al Arab
181B	56	Sheboygan
178C	57	Shediac
1D	17	Sheerness
177A	57	Sheet Harbour
181D	56	Sheguiandah
112D	46	Shekou
176D	57	Shelburne
137A	39	Shelikhova Bay
1B	17	Shell Haven
144A	52	Shellburn
178B	57	Shemogue
141C	14	Shemya Island
113C	47	Shenao
62C	29	Shengjin
114A	47	Shenjiamen
112C	46	Shenzhen
79D	36	Sherbro River
177B	57	Sherbrooke
46C	22	'sHertogenbosch (Den Bosch)
13A	16	Shetland Islands
137A	39	Shiashkotan Island
121B	45	Shibaura
123D	45	Shibushi
115B	46	Shidao
119C	45	Shigei
115B	46	Shijiusuo
120A	45	Shikama
122A	45	Shikoku
137B	39	Shikotan
137B	39	Shikotan Island
117C	45	Shimamaki
118D	45	Shimane
121A	45	Shimizu
121A	45	Shimoda
118D	45	Shimonoseki
123A	45	Shimonoshima
120C	45	Shimotsu
89B	37	Shinas
120C	45	Shingu
		Shinminato, see Toyama Shinko
121D	45	Shiogama
177A	57	Ship Harbour
170C	54	Ship Island
178C	57	Shippegan
123A	45	Shirashima
117D	45	Shiriya
117C	45	Shizuura
34D	26	Shlisselburg (Petrokrepost)
119D	45	Shodoshima
2B	17	Shoreham
125C	48	Shortland Harbour
125C	48	Shortland Island
6B	17	Shotton
91A	37	Shuaiba
137B	14	Shubertovo
112A	41	Shuidong
137B	39	Shukina Bay
137A	39	Shumshu Island
91A	37	Shuwaikh
138B	21	Shuya
106A	44	Siain
101A	42	Siak
101A	42	Siak River
109D	41	Siam Seaport
108A	44	Siargao Island
109A	44	Siasi
109A	44	Siasi Island
104B	43	Siau Island
		Sibbo, see Sipoo
61D	31	Sibenik
100B	42	Siberut Island
100C	42	Sibolga
164C	60	Siboney
98A	42	Sibu
59A	28	Sicily (Sicilia)
104A	43	Sidangoli
76A	28	Sidi Ghiles
77A	34	Sidi Ifni
74C	33	Sidi Kerir Terminal
3B	17	Sidmouth
143C	52	Sidney
73D	33	Sidon (Saida)
37B	25	Siems
79C	36	Sierra Leone
79C	36	Sierra Leone River
64B	32	Sifnos Island
100D	42	Sigli
18C	20	Siglufjordur
71C	32	Sigri
29D	24	Sigtuna
110A	41	Sihanoukville (Kompong Som)
34C	26	Siilinjarvi
97D	42	Sijingkat
31C	26	Sikea
92C	40	Sikka
99A	42	Silam
		Silanga, see Situbondo
72D	33	Silifke
67A	29	Silistra
66B	32	Silivri
35B	26	Sillamae
32D	26	Sillgrund
7B	17	Silloth
142C	52	Silver Bay
100C	42	Simeulue Island
72B	32	Simi Island
84C	34	Simonstown
28D	25	Simpevarp
28B	25	Simrishamn
137A	39	Simushir Island
100C	42	Sinabang
13B	16	Sinclair's Bay
169A	54	Sinco
78D	36	Sine, River
53B	30	Sines
97A	42	Singapore
100A	42	Singkawang
100C	42	Singkel
101C	42	Singkep Island
70B	29	Sinop
117A	46	Sinpo
100A	42	Sintete
80A	36	Sinu Bay
140A	14	Siorapaluk
98C	42	Sipitang
33D	26	Sipoo (Sibbo)
100B	42	Sipura Island
59C	28	Siracusa (Syracuse)
91D	37	Sirri Island
75A	29	Sirte
168A	59	Sisal
139C	14	Sisimiut (Holsteinsborg)
60D	31	Sistiana
109B	44	Sitangkai
55B	28	Sitges
64C	32	Sitia
96D	41	Sitiawan
142C	52	Sitka
90C	37	Sitra
90B	37	Sitra Island
1D	17	Sittingbourne
95D	40	Sittwe (Akyab)
102D	42	Situbondo (Silanga)
136D	14	Siziman
38B	25	Sjaelland
27C	24	Sjotorp
20B	21	Sjovegan
23B	24	Skaalevik
23D	24	Skaanevik
68A	29	Skadovsk
39A	25	Skaelskor
40C	25	Skaerbaek
		Skagastrond, see Hofdhakaupstadur
41B	25	Skagen
31C	24	Skagenshamn
142B	52	Skagway
17D	20	Skalafjordur
20A	21	Skaland
17D	20	Skali
64A	32	Skaramanga
27A	25	Skarhamn
41C	25	Skarrehage
27C	24	Skattkarr
41B	25	Skaw
157B	62	Skeldon
31D	26	Skelleftea
31D	26	Skelleftehamn
	19	Skene
19B	20	Skerjafjordur
8A	17	Skerries
5D	17	Skerries Light
11D	16	Skerryvore
65C	32	Skiathos
65C	32	Skiathos Island
8D	17	Skibbereen
25C	24	Skien
25B	24	Skien, River
75D	28	Skikda
28B	25	Skillinge
33B	26	Skinnarvik
15C	17	Skinningrove
41C	25	Skive
20A	21	Skjervoy
	19	Skjold
22D	24	Skjolden
139A	14	Skjoldungen
33C	26	Skogby
27C	24	Skoghall
33D	26	Skoldvik (Kilpilahti)
36D	25	Skolwin
20C	20	Skomvaer
30D	24	Skonvik
65C	32	Skopelos

Col. No.	Page No.	
65C	32	Skopelos Island
	29	Skopje
17C	20	Skopun
26D	24	Skredsvik
24A	24	Skudeneshavn
8D	17	Skull (Schull)
35D	26	Skulte
33C	26	Skuru
32A	26	Skuthamn
30B	24	Skutskar
65B	32	Skyros Island
25D	24	Slagen
84C	34	Slangkop Point
135C	39	Slavyanka
	19	Sleipner East
	19	Sleipner West
26A	24	Slemmestad
40D	25	Sletterhage
45B	22	Sliedrecht
9D	17	Sligo
45A	22	Slikkerveer
29A	25	Slite
		Sloehaven, see Flushing East
26C	24	Slottet
27B	24	Slottsbron
	29	Slovakia
61A	31	Slovenia
48A	22	Sluiskil
9C	17	Slyne Head
157A	62	Smalkalden
5C	17	Smalls Light
138D	14	Smeerenburgfjord
169B	54	Smith's Bluff
26D	24	Smogen
29A	25	Smojen
28B	25	Smygehuk
16D	17	Snape Bridge
43D	22	Sneek
38C	25	Snekkersten
179D	57	Snell Lock
16C	17	Snettisham
1C	17	Snodland
40C	25	Snoghoj
	19	Snorre
39C	25	Soby
69D	29	Sochi
134A	49	Society Islands
89A	35	Socotra (Suqutra) Island
30C	24	Soderhamn
29C	24	Soderkoping
29C	24	Sodertalje
	29	Sofia
22D	24	Sogndal
24D	24	Sogne
22D	24	Sognefjord
89B	37	Sohar
117A	46	Sohojin Harbour
99B	42	Sokan
117A	46	Sokcho
87D	33	Sokhna
24C	24	Sola
177C	57	Soldiers Cove
56C	31	Solenzara
22B	24	Solevaag
62A	29	Solin
54D	28	Soller
138B	21	Solombola
125A	48	Solomon Islands
62A	29	Solta Island
5C	17	Solva
28C	25	Solvesborg
121D	45	Soma
86D	35	Somalia
182B	56	Sombra
161D	61	Sombrero
171B	55	Sombrero Key
174D	58	Somerset (MA)
48D	18	Somme, River
26B	24	Son (Soon)
25B	24	Sondeled
40B	25	Sonderborg
139C	14	Sondre Stromfjord
117A	46	Songjin (Kimchaek)
117A	46	Songjon
109B	41	Songkhla
113D	47	Songxia
92B	40	Sonmiani
92A	40	Sonmiani Bay
177B	57	Sonora
		Soon, see Son
36C	25	Sopot
186A	57	Sops Arm
125D	48	Soraken
31A	24	Soraker
179C	57	Sorel
20D	21	Sorfolla
33D	26	Sornaisten
103D	43	Sorong
91D	37	Soroosh (Cyrus)Terminal
19D	21	Soroy
20B	21	Sorreisa
58C	31	Sorrento
105D	44	Sorsogon
20B	21	Sortland
17C	20	Sorvagur
68D	27	Sosnovka
162D	61	Sosua
160D	61	Soufriere
12B	16	Sound of Harris
11D	16	Sound of Mull
73D	33	Sour (Tyr)
178B	57	Souris
64A	32	Sousaki
75C	28	Sousse (Susa)
84B	34	South Africa
173C	58	South Amboy
96A	40	South Andaman Island
128C	48	South Australia
15C	16	South Bank
144D	52	South Bend
175C	57	South Brewer
175C	57	South Bristol
171D	55	South Carolina (SC)
2A	17	South Foreland
152A	15	South Georgia
180D	56	South Haven
131D	48	South Island
16B	16	South Killingholme
116A	46	South Korea
170A	54	South Louisiana
178C	57	South Nelson
152A	15	South Orkney Islands
169C	54	South Pass
14D	16	South Queensferry
166B	60	South Riding Point
12C	16	South Ronaldsay
152A	15	South Shetland Islands
15B	16	South Shields
5D	17	South Stack
12A	16	South Strome
12B	16	South Uist
12D	16	South Walls
		South West Africa, see Namibia
130C	48	South West Rocks
2D	17	Southampton
140C	51	Southampton Island
2C	17	Southampton Water
1B	17	Southend-on-Sea
6D	17	Southport (England)
132A	48	Southport (New Zealand)
172A	58	Southport (U.S.A.)
169C	54	Southwest Pass
16D	17	Southwold
59D	29	Soverato
36B	26	Sovetsk
136A	39	Sovetskaya Gavan
21A	20	Sovik
83D	36	Soyo
66C	32	Sozopol
44B	22	Spaarndam
53C	30	Spain
51D	30	Spain (Atlantic)
54A	28	Spain (Mediterranean)
		Spalato, see Split
172D	58	Sparrows Point
160D	61	Speightstown
128C	48	Spencer Gulf
27B	24	Spesshult
63D	32	Spetsai Island
46B	20	Speyer
43B	22	Spiekeroog
45B	22	Spijk (Spyk)
64C	32	Spinalonga
138D	14	Spitsbergen
22A	24	Spjelkavik
62A	29	Split (Spalato)
186B	51	Spotted Island
45C	22	Spoy Canal
182A	56	Spragge
31A	24	Sprangsviken
129D	48	Spring Bay
185D	57	Springdale
177A	57	Spry Harbour
15C	16	Spurn Head
		Spyk, see Spijk
144A	52	Squamish
94B	40	Sri Lanka
109C	41	Sriracha
93A	40	Srivardhan Bay
42B	23	Stade
42C	23	Stadersand
127D	48	Stag Terminal
15C	17	Staithes
29D	24	Stallarholmen
27B	24	Stallbacka
174C	58	Stamford
20C	20	Stamsund
1C	17	Stangate Creek
129D	48	Stanley
152A	63	Stanley Harbour
6C	17	Stanlow
17B	17	Stansgate
173D	58	Stapleton
62B	29	Stari Grad
3C	17	Start Point
173D	58	Staten Island
13B	19	Statfjord
25B	24	Stathelle
21B	20	Statland
24B	24	Stavanger
63A	29	Stavros
103D	43	Steenkool
44A	22	Steenwijk
38B	25	Stege
26A	24	Steilene
21C	24	Steinkjer
22D	24	Steinsund
46C	22	Stellendam
128D	48	Stenhouse Bay
26D	24	Stensjo
27A	25	Stenungsund
184B	57	Stephenville
36D	25	Stepnica
38B	25	Stevns Pier
142D	52	Stewart
151C	63	Stewart Island (Chile)
132A	48	Stewart Island (New Zealand)
96A	40	Stewart Sound
39A	25	Stigsnaesvaerkets Havn
	19	Stirling
19D	21	Stjernoy
21C	24	Stjordal
30D	24	Stocka
30A	24	Stockholm
30A	24	Stocksund
145D	53	Stockton
175C	57	Stockton Springs
30D	24	Stockvik
18A	20	Stodhvarfjordur
2C	17	Stokes Bay
19C	20	Stokkseyri
21B	24	Stokksund
20B	21	Stokmarknes
14A	16	Stonehaven
180D	56	Stoneport
173D	58	Stony Point
30C	24	Stor Orrskar
42A	65	Stor, River
32C	26	Stora Granskar
30A	24	Stora Vika
24A	24	Storasund
23C	24	Stord
23C	24	Stordoy
23B	24	Store Sotra
22A	24	Storfjord
31D	26	Storfors
31D	26	Storkage
12B	16	Stornoway
32C	26	Storonsund
29B	25	Storugns
17A	17	Stour, River (Essex)
2A	17	Stour, River (Kent)
29B	25	Straa
129D	48	Strahan
186A	57	Strait of Belle Isle
151C	63	Strait of Magellan
37B	25	Stralsund
41B	25	Strandby
7D	17	Strangford
7D	17	Strangford Lough
29D	24	Strangnas
10B	17	Stranraer
46B	20	Strasbourg
140D	14	Strathcona Sound
	19	Strathspey
65D	32	Stratoni
67C	66	Straubing
19B	20	Straumsvik
17D	20	Strendur
17D	20	Streymnes
17C	20	Streymoy
40A	25	Strib
38B	25	Stroby
12C	16	Stroma
58D	28	Stromboli Island
33B	26	Stromma
31A	24	Stromnas
12D	16	Stromness
26C	24	Stromstad
11A	16	Strone Point
12D	16	Stronsay
11D	16	Strontian
1C	17	Strood
41C	25	Struer
22C	24	Stryn
39B	25	Stubbekobing
40D	25	Studstrup
29C	24	Studsvik
30C	24	Stugsund
23A	24	Sture
181B	56	Sturgeon Bay
28C	25	Sturko
45D	22	Sturzelburg
19A	20	Stykkisholmur
65C	32	Stylis
110C	41	Su Tu Den Terminal
98A	43	Suai
87B	35	Suakin (Swakin)
106C	44	Sual
52A	30	Suances
113C	47	Suao
155D	62	Suape
108C	44	Suba Nipa
106D	44	Subic Bay
64D	32	Suda Bay
87B	35	Sudan
18D	20	Sudhureyri
17C	20	Suduroy
82A	36	Suellaba
74B	67	Suez
74A	67	Suez Canal
18D	20	Sugandafjordur
72D	33	Sugozu
145D	53	Suisun Bay
69D	29	Sukhumi (Sukhum)
122C	45	Sukhumo Bay
		Sukkertoppen, see Maniitsoq
122C	45	Sukumo
104B	43	Sula Islands
104C	43	Sulawesi
12C	16	Sule Skerry
66D	29	Sulina
13A	16	Sullom Voe
100A	42	Sumatera
103B	43	Sumba Island
103A	42	Sumbawa Island
83D	34	Sumbe
13A	16	Sumburgh Head
102C	42	Sumenep Bay
123B	45	Suminoye
34A	26	Summa
178B	57	Summerside
120B	45	Sumoto
100A	42	Sunda Strait
41B	25	Sundby
15B	16	Sunderland
30D	24	Sundsbruk
30D	24	Sundsvall
96D	41	Sungai Udang
101A	42	Sungei Bila
101C	42	Sungei Gerong
101D	42	Sungei Liat
98A	42	Sungei Merah
103D	43	Sungei Muturi
101B	42	Sungei Pakning
97D	42	Sungei Rajang
34A	26	Sunila
21D	24	Sunndalsfjord
21D	24	Sunndalsora
172A	58	Sunny Point
170B	54	Sunshine
62A	29	Supaval Bay
149C	62	Supe
181C	56	Superior
62A	29	Supetar
70A	29	Supsa Terminal
		Suqutra Island, see Socotra Island
89A	37	Sur
102C	42	Surabaya
102A	42	Suralaya
93A	40	Surat
109B	41	Surat Thani
108A	44	Surigao
157A	62	Suriname
157A	62	Suriname River
70A	29	Surmene
27B	25	Surte
		Susa, see Sousse
122C	45	Susaki
141D	50	Susitna
183A	57	Sutherland Pier
16C	17	Sutton Bridge
125A	48	Su'u Harbour

Col. No.	Page No.	
133B	**49**	Suva
116D	**46**	Suyong
114B	**47**	Suzhou
61B	**31**	Sv. Mikula
138D	**14**	Svalbard
18C	**20**	Svalbardhseyri
38A	**25**	Svaneke
31B	**24**	Svanon
33D	**26**	Svartback
34A	**26**	Svartholm
30D	**24**	Svartvik
33D	**26**	Sveaborg
138D	**14**	Sveagruva
22C	**24**	Svelgen
25D	**24**	Svelvik
	19	Svend
39D	**25**	Svendborg
61C	**31**	Sveti Juraj
136A	**39**	Svetlaya River
36B	**26**	Svetlyy
35C	**26**	Sviby
34D	**26**	Svir, River
20C	**21**	Svolvaer
		Swakin, See Suakin
84B	**34**	Swakopmund
46C	**22**	Swalmen
167A	**60**	Swan Islands
2D	**17**	Swanage
5B	**17**	Swansea
	35	Swaziland
26C	**20**	Sweden
36D	**25**	Swinoujscie
	28	Switzerland
12C	**16**	Swona
130B	**48**	Sydney (Australia)
177C	**57**	Sydney (Canada)
		Sydproven, see Alluitsup Paa
22B	**24**	Sykkylven
41D	**23**	Sylt Island
	15	Syowa
		Syracuse, see Siracusa
73C	**33**	Syria
65A	**32**	Syros
65A	**32**	Syros Island
68D	**27**	Syzran
36D	**25**	Szczecin

T

33B	**26**	Taalintehdas
38C	**25**	Taarbaek
39D	**25**	Taasinge
105D	**44**	Tabaco
105C	**44**	Tabangao
75D	**28**	Tabarka
156D	**62**	Tabatinga
84C	**34**	Table Bay
108B	**44**	Tablon
148C	**60**	Taboga
148C	**60**	Taboga Island
148C	**60**	Taboguilla Island
99D	**42**	Taboneo
80A	**36**	Tabou
135A	**49**	Tabuaeran (Washington Island)
122C	**45**	Tachibana
107A	**44**	Tacloban
144C	**52**	Tacoma
181C	**56**	Taconite Harbour
122B	**45**	Tadotsu
183C	**57**	Tadoussac
93B	**40**	Tadri
116B	**46**	Taean
116A	**46**	Taedong River
		Taesan, see Daesan
170A	**54**	Taft
35C	**26**	Taga Bay
108D	**44**	Tagabuli Bay
109A	**44**	Taganito
68C	**29**	Taganrog
107D	**44**	Tagbiliran
60C	**31**	Taglio di Po
108B	**44**	Tagoloan
121A	**45**	Tagonoura
106C	**44**	Tagudin
126D	**48**	Tagula Island
53B	**28**	Tagus (Rio Tejo), River
120D	**45**	Tahara
131B	**48**	Taharoa Terminal
134A	**49**	Tahiti Island
32D	**26**	Tahkoluoto
143B	**52**	Tahsis
104B	**43**	Tahuna
114B	**47**	Taicang
113C	**47**	Taichung
10C	**16**	Tail of Bank
113C	**47**	Tainan
134B	**49**	Taiohae
	46	Taipei
113B	**47**	Taiwan
114C	**47**	Taizhou
	11	Tajikistan
102B	**42**	Taju
118C	**45**	Takahama
122B	**45**	Takamatsu
134B	**49**	Takaroa
120A	**45**	Takasago
109B	**41**	Takbai
119B	**45**	Takehara
80B	**36**	Takoradi
96B	**41**	Takua Pa
83B	**36**	Takula Terminal
122B	**45**	Takuma
94C	**40**	Talaimannar
58A	**31**	Talamone
149B	**62**	Talara
104B	**43**	Talaud Island
151A	**63**	Talcahuano
104B	**43**	Taliabu Island
107D	**44**	Talibon
127D	**48**	Talisman Terminal
18D	**20**	Talknafjordur
162C	**61**	Tallaboa Bay
35B	**26**	Tallinn
150C	**63**	Taltal
122A	**45**	Tamagawa
129C	**48**	Tamar, River (Australia)
3C	**17**	Tamar, River (England)
79C	**36**	Tamara Island
79C	**36**	Tamara Port
96B	**40**	Tambeibui
137D	**14**	Tambey
137D	**14**	Tambey, River
98D	**42**	Tambisan Island
149D	**62**	Tambo de Mora
108D	**44**	Tambongon (Tambungon)
168C	**59**	Tamesi River
33C	**26**	Tammisaari (Ekenas)
171A	**55**	Tampa
168C	**59**	Tampico
112A	**46**	Tan Jiang
77A	**34**	Tan Tan
110B	**41**	Tan Thuan Dong
120C	**45**	Tanabe
141C	**14**	Tanaga Bay
141C	**14**	Tanaga Island
99C	**42**	Tanahgrogot
99C	**42**	Tanahmerah
165C	**60**	Tanamo
24C	**24**	Tananger
107A	**44**	Tanauan
49A	**18**	Tancarville
79B	**36**	Tancrual
109A	**44**	Tandag
106A	**44**	Tandoc
86C	**35**	Tanga
132D	**48**	Tangadiou
		Tanger, see Tangier
115C	**46**	Tanggu
136C	**14**	Tangi
177A	**57**	Tangier
76C	**30**	Tangier (Tanger)
116B	**46**	Tangjin Hwaryok
115D	**46**	Tangshan (Jingtang)
103C	**43**	Tanimbar Islands
96A	**41**	Tanintharyi
96A	**41**	Tanintharyi River
123C	**45**	Taniyama
99A	**42**	Tanjong Batu
97C	**41**	Tanjong Berhala
96D	**41**	Tanjong Bruas
96C	**41**	Tanjong Dawai
97C	**41**	Tanjong Gelang
98A	**42**	Tanjong Kidurong
98A	**42**	Tanjong Manis
97B	**42**	Tanjong Pagar
97D	**42**	Tanjong Pending
97A	**42**	Tanjong Penjuru
97B	**42**	Tanjong Rhu
98C	**43**	Tanjong Salirong
97C	**41**	Tanjong Sulong
101C	**42**	Tanjung Apiapi
101A	**42**	Tanjung Balai
99B	**42**	Tanjung Bara
103A	**42**	Tanjung Benete
99C	**42**	Tanjung Berlayar
102B	**42**	Tanjung Bungin
102A	**42**	Tanjung Gerem
97A	**42**	Tanjung Langsat
103B	**43**	Tanjung Maloh
105A	**43**	Tanjung Ogogili
101D	**42**	Tanjung Pandan
97A	**42**	Tanjung Pelepas
99D	**42**	Tanjung Pemancingan
102C	**42**	Tanjung Perak
101B	**42**	Tanjung Pinang
102A	**42**	Tanjung Priok
99B	**42**	Tanjung Redeb
102A	**42**	Tanjung Sekong
104A	**43**	Tanjung Sofa
101B	**42**	Tanjung Uban
104A	**43**	Tanjung Ubulie
102D	**42**	Tanjung Wangi (Banyuwangi)
133A	**48**	Tanna Island
122D	**45**	Tanoura
113C	**47**	Tanshui
109C	**41**	Tantawan Terminal
93C	**40**	Tanur
86B	**35**	Tanzania
59C	**28**	Taormina
112D	**38**	Tap Shek Kok
156C	**62**	Tapajos, River
100C	**42**	Tapaktuan
52B	**30**	Tapia de Casariego
92D	**40**	Tapti River
61B	**31**	Tar (Val di Torre)
		Tarabulus, see Tripoli
100A	**42**	Tarahan
99B	**42**	Tarakan
99B	**42**	Tarakan Island
132A	**48**	Tarakohe
60A	**29**	Taranto
134D	**48**	Tarawa Atoll
13C	**16**	Tarbat Ness Light
11A	**16**	Tarbert
9A	**17**	Tarbert Island
77A	**34**	Tarfaya
53D	**30**	Tarifa
28C	**25**	Tarno
124D	**48**	Taroa
78C	**34**	Tarrafal
55B	**28**	Tarragona
	19	Tartan
73C	**33**	Tartous (Tartus)
116A	**46**	Tasado
	11	Tashkent
		Tasiilaq Island, see Ammassalik Island
		Tasiilaq, see Ammassalik
140A	**14**	Tasiusaq
129C	**48**	Tasmania
143A	**52**	Tasu Bay
72D	**33**	Tasucu
121C	**45**	Tateyama
144D	**52**	Tatoosh Island
68C	**27**	Tatyanka
24B	**24**	Tau
133D	**49**	Tau Island
121A	**45**	Taura
131C	**49**	Tauranga
131C	**49**	Tauranga Harbour
53C	**30**	Tavira
4C	**17**	Taw, River
99A	**42**	Tawau
109A	**44**	Tawitawi Island
14B	**16**	Tay, River
14B	**16**	Tayport
75C	**28**	Tazerka Terminal
	27	Tbilisi
71D	**32**	Tcham Bay
82D	**36**	Tchatamba Terminal
36C	**25**	Tczew
	19	Teal
168B	**59**	Tecolutla
15C	**16**	Tees
15B	**16**	Tees, River
15C	**16**	Teesport
102B	**42**	Tegal
	60	Tegocigalpa
	35	Tehran
3B	**17**	Teignmouth
33B	**26**	Teijo
33B	**26**	Teijonsaari
38A	**25**	Tejn
66A	**32**	Tekirdag
72C	**33**	Tekirova
74A	**33**	Tel Aviv
167B	**60**	Tela
		Telanaipura, see Jambi
23B	**24**	Telavag
167D	**60**	Telchac
		Tellicherry, see Thalacherry
136A	**39**	Telnovski
		Telok Anson, see Teluk Intan
100A	**42**	Telok Ayer
97B	**42**	Telok Ramunia
99C	**42**	Teluk Adang
100B	**42**	Teluk Bayur
100B	**42**	Teluk Bungus
96C	**41**	Teluk Ewa
96D	**41**	Teluk Intan (Telok Anson)
101A	**42**	Teluk Nibung
100B	**42**	Telukbetung
80B	**36**	Tema
101C	**42**	Tembilahan
160B	**61**	Tembladora
98D	**42**	Tembungo Terminal
138D	**14**	Templefjord
69C	**29**	Temryuk
47D	**22**	Temse
43C	**22**	Ten Post
5B	**17**	Tenby
77D	**34**	Tenerife
76A	**28**	Tenes
132D	**48**	Teoudie
149A	**62**	Tepre Terminal
135A	**49**	Teraina (Fanning Island)
77B	**34**	Terceira Island
48A	**22**	Terdonk
47D	**22**	Terhagen
146C	**53**	Terminal Island
59A	**28**	Termini Imerese
60B	**28**	Termoli
	19	Tern
135A	**49**	Tern Island
104B	**43**	Ternate
104B	**43**	Ternate Island
48A	**22**	Terneuzen
136B	**39**	Terpeniya Bay
58A	**28**	Terracina
43D	**22**	Terschelling
47C	**22**	Tessenderlo
2D	**17**	Test, River
125A	**48**	Tetere
16B	**16**	Tetney Terminal
143D	**52**	Texada Island
168C	**54**	Texas (TX)
168D	**54**	Texas City
43D	**22**	Texel
109B	**41**	Tha Sala
96B	**41**	Thailand (Andaman Sea)
109B	**41**	Thailand (Gulf of Thailand)
93C	**40**	Thalacherry (Tellicherry)
131C	**49**	Thames (New Zealand)
	19	Thames (North Sea Terminals)
1A	**17**	Thames, River
1B	**17**	Thamesport
21C	**24**	Thamshavn
111B	**41**	Thanh Hoa
109C	**41**	Thap Sakae
65D	**32**	Thasos Island
95D	**41**	Thaton
109B	**41**	Thatong
		The, see proper name
	19	Theddlethorpe
	19	Thelma
68B	**29**	Theodosia (Feodosiya)
181D	**56**	Thessalon
65C	**32**	Thessaloniki (Salonica)
128C	**48**	Thevenard
110D	**41**	Thi Vai River
95D	**41**	Thilawa
	38	Thimpu
18D	**20**	Thingeyri
87B	**34**	Thio (Eritrea)
132C	**48**	Thio (New Caledonia)
46A	**20**	Thionville
64D	**32**	Thira
64D	**32**	Thira (Santorini) Island
93D	**40**	Thiruvananthapuram (Vizhinjam) (Trivandrum)
41C	**25**	Thisted
13B	**19**	Thistle
63B	**29**	Thisvi
47A	**22**	Tholen
19B	**20**	Thorlakshofn
182C	**56**	Thorold
		Thorshavn, see Torshavn
18B	**20**	Thorshofn
183A	**57**	Three Rivers (Trois Rivieres)
		Thule, see Qaanaaq
181D	**56**	Thunder Bay (Canada)
180D	**56**	Thunder Bay (U.S.A.)
39D	**25**	Thuro
127A	**48**	Thursday Island
12C	**16**	Thurso
41D	**25**	Thyboron
159A	**61**	Tia Juana

Col. No.	Page No.	
115C	46	Tianjin
180A	57	Tibbetts Point
108D	44	Tibungeo (Tibungko)
185B	57	Tickle Harbour
178A	57	Tidnish
45B	22	Tiel
47D	22	Tielrode
	19	Tiffany
178B	57	Tignish
81D	36	Tiko
125A	48	Tikopia Island
137C	14	Tiksi
137C	14	Tiksinski
104C	43	Tilamuta
46D	22	Tilburg
1A	17	Tilbury
		Tillingenabben, see Timmernabben
72B	32	Tilos Island
185D	57	Tilt Cove
132B	48	Timaru
127B	48	Timber Point
148D	62	Timbiqui
125D	48	Timbuer
28D	25	Timmernabben (Tillingenabben)
103B	43	Timor Island
		Timor Leste, see East Timor
80D	36	Tin Can Island
139A	14	Tingmiarmiut Fjord
21D	24	Tingvoll
124C	48	Tinian Island
65A	32	Tinos
65A	32	Tinos Island
	29	Tirana
70B	29	Tirebolu
11D	16	Tiree Island
94A	40	Tiruchchendur Point
94D	40	Tirukkadaiyur
94D	40	Tirumullaivasal
47D	22	Tisselt
159C	60	Titumate
12B	16	Tiumpan Head
62C	29	Tivat
176C	57	Tiverton (Canada)
174D	58	Tiverton (U.S.A.)
132A	48	Tiwai Point
21D	24	Tjeldbergodden
25D	24	Tjome
27A	25	Tjorn Island
86A	35	Toamasina
160C	61	Tobago
122D	45	Tobata
104A	43	Tobelo
182A	56	Tobermory (Canada)
11D	16	Tobermory (Scotland)
101D	42	Toboali
74D	29	Tobruk
150B	63	Tocopilla
143B	52	Tofino
26A	24	Tofte
17D	20	Toftir
13A	16	Tofts Voe
141A	50	Togiak
80C	36	Togo
148C	62	Togoroma
96B	40	Toibalewe
35B	26	Toila
117D	45	Tokachi
121C	45	Tokai
134C	49	Tokelau
131C	49	Tokomaru
122B	45	Tokushima
119A	45	Tokuyama
121B	45	Tokyo
85D	35	Tolagnaro
107D	44	Toledo (Philippines)
180B	56	Toledo (U.S.A.)
85D	35	Toliary (Toliara)
105A	43	Tolitoli
33D	26	Tolkkinen
30A	24	Tollare
17B	17	Tollesbury
74D	29	Tolmeta
107A	44	Tolosa
159C	60	Tolu
68D	27	Tolyatti
117C	45	Tomakomai
136B	39	Tomari
84A	34	Tombua (Porto Alexandre)
150D	63	Tome
104C	43	Tomini
121C	45	Tomioka
173D	58	Tomkins Cove
185D	57	Tommy's Arm
132D	48	Tomo
173D	58	Tompkinsville
22A	24	Tomra
22A	24	Tomrefjord
180A	56	Tonawanda
119A	45	Tonda
94B	40	Tondi
133C	49	Tonga
133C	49	Tongatapu Island
136D	14	Tongjiang
114D	47	Tongling
116C	46	Tongyong (Chungmu)
	19	Toni
51B	30	Tonnay Charente
42A	65	Tonning
125D	48	Tonolei
25D	24	Tonsberg
25C	24	Tonsbergfjord
132D	48	Tontouta
147A	59	Topolobampo
32B	26	Toppila
3B	17	Topsham
143B	52	Toquart Bay
88A	33	Tor (Egypt)
	19	Tor (North Sea Terminals)
3B	17	Tor Bay
32A	26	Torefors
32A	26	Torehamn
28A	25	Torekov
28C	25	Torhamn
28C	25	Torko
32B	26	Tornio
182D	56	Toronto
72D	33	Toros
26C	24	Torp
3C	17	Torpoint
3B	17	Torquay
58C	31	Torre Annunziata
58C	31	Torre del Greco
127A	48	Torres Strait
54C	28	Torrevieja
4C	17	Torridge, River
29D	24	Torshalla
17D	20	Torshavn (Thorshavn)
26C	24	Torsokilen
161D	61	Tortola
163C	61	Tortuga Island (Haiti)
158B	61	Tortuga Island (Venezuela)
171B	55	Tortugas Harbour
171A	55	Tortugas Islands
60D	31	Torviscosa
9D	17	Tory Island
3C	17	Totnes
173D	58	Tottenville
32C	26	Tottesund
2D	17	Totton
118C	45	Tottori
79A	36	Toubakouta
56A	31	Toulon
20B	21	Tovik
139C	14	Tovqussaq
11A	16	Toward Point
87B	35	Towartit Anchorage
131A	48	Townsville
5B	17	Towy, River
118B	45	Toyama
118B	45	Toyama Shinko (Shinminato)
122B	45	Toyo
120D	45	Toyohashi
70A	29	Trabzon
178B	57	Tracadie
177D	57	Tracadie Harbour
183A	57	Tracy
65C	32	Tragana
9A	17	Tralee
9A	17	Tralee Bay
154C	64	Tramandai
8C	17	Tramore
6B	17	Tranmere
20D	21	Tranoy
59A	28	Trapani
33C	26	Trasko
27D	25	Traslovslage
37B	25	Trave, River
37C	25	Travemunde
125C	48	Treasury Island
60A	29	Trebisacci
50A	18	Treguier
28B	25	Trelleborg
	19	Trent
16A	16	Trent, River
177D	57	Trenton (Canada)
173B	58	Trenton (U.S.A.)
185A	57	Trepassey
4B	17	Trevose Head
129D	48	Triabunna
130C	48	Trial Bay
46A	20	Trier
61A	31	Trieste
138C	21	Trifona
159C	60	Trigana
35C	26	Triigi
94B	40	Trincomalee
160A	61	Trinidad
160A	61	Trinidad and Tobago
185C	57	Trinity
185B	57	Trinity Bay (Newfoundland)
183C	57	Trinity Bay (Quebec)
87B	35	Trinkitat
75A	28	Tripoli (Libya)
73C	33	Tripoli (Tarabulus) (Lebanon)
84B	10	Tristan da Cunha Island
185D	57	Triton Island (Canada)
111B	41	Triton Island (Vietnam)
		Trivandrum, see Thiruvananthapuram
39D	25	Troense
62A	31	Trogir
179C	57	Trois Pistoles
		Trois Rivieres, see Three Rivers
	19	Troll East
	19	Troll West
20B	21	Trollfjord
27B	24	Trollhattan
27B	24	Trollhatte Canal
156C	62	Trombetas
156C	62	Trombetas, River
25A	24	Tromoy
51C	30	Trompeloup
20A	21	Tromso
21C	24	Trondheim
21B	24	Trondheimsfjord
21C	24	Trones
17C	20	Trongisvagsfjordur
10B	17	Troon
25C	24	Trosvik
49B	18	Trouville
174A	58	Troy
185D	57	Troytown
167A	60	Trujillo (Honduras)
149C	62	Trujillo (Peru)
		Truk Islands, see Chuuk Islands
		Truk, see Chuuk
3D	17	Truro
3D	17	Truro River
	19	Trym
112D	38	Tsing Yi Island
120C	45	Tsu
118C	45	Tsuiyama
123D	45	Tsukumi
120B	45	Tsuna
119C	45	Tsuneishi
118C	45	Tsuruga
121B	45	Tsurumi
123D	45	Tsurusaki
123A	45	Tsushima
123A	45	Tsutsu
134B	49	Tuamotu Archipelago
69D	29	Tuapse
102C	42	Tuban
155B	64	Tubarao
107D	44	Tubigon
38C	25	Tuborg Havn
134B	49	Tubuai Island
		Tubuai Islands, see Australes Islands
158C	61	Tucacas
186B	51	Tuchialic Bay
3C	17	Tuckenhay
173C	58	Tuckerton
158C	61	Tucupido
140D	50	Tuktoyaktuk
125A	48	Tulagi
66D	29	Tulcea
173B	58	Tullytown
107B	44	Tulong
170B	54	Tulsa (OK)
148D	62	Tumaco
128C	48	Tumby Bay
97D	41	Tumpat
30D	24	Tunadal
164D	60	Tunas de Zaza
75C	31	Tunis
75B	28	Tunisia
33B	26	Tupavuori
159C	60	Turbo
184B	57	Turf Point
158C	61	Turiamo
70A	29	Turkey (Black Sea)
66A	32	Turkey (Sea of Marmara)
69B	27	Turkmenbashi (Krasnovodsk)
69A	27	Turkmenistan
165D	61	Turks and Caicos Islands
33B	26	Turku (Abo)
67A	29	Turnu Severin
8B	17	Tuskar Light
	67	Tusun
94A	40	Tuticorin
156A	62	Tutoia
156A	62	Tutoia Bay
67A	29	Tutrakan
133D	49	Tutuila Island
71A	32	Tutunciftlik
34B	26	Tuuholma
134C	49	Tuvalu
168B	59	Tuxpan
111A	41	Tuy Hoa
70D	32	Tuzla
33C	26	Tvarminne
25A	24	Tvedestrand
17C	20	Tvoroyri
15A	16	Tweed, River
44A	22	Twente Canal
185D	57	Twillingate
185D	57	Twillingate Island
146C	53	Two Harbors
130B	48	Twofold Bay
68A	29	Tyaginka
171D	55	Tybee Roads
142B	52	Tyee
15A	16	Tyne (England)
	19	Tyne (North Sea Terminals)
15B	16	Tyne Dock
15A	16	Tyne, River
15B	16	Tynemouth
141D	50	Tyonek
		Tyr, see Sour
	19	Tyra
20C	21	Tysfjord
23B	24	Tyssebotn
23C	24	Tyssedal

U

Col. No.	Page No.	
107D	44	Ubay
118D	45	Ube
156D	62	Ucayali, River
118C	45	Uchiura
117C	45	Uchiura Bay
143B	52	Ucluelet
97C	41	Udang Terminal
40D	25	Udbyhoj
27A	24	Uddevalla
120C	45	Udono
37A	25	Uecker, River
37A	25	Ueckermunde
137C	14	Uelkal
	35	Uganda
136A	39	Uglegorsk
12A	16	Uig
	19	Uithuizen
119B	45	Ujina
		Ujung Pandang, see Makassar
80D	36	Ukpokiti Terminal
67C	29	Ukraine
	19	Ula
	12	Ulan Bator
62C	29	Ulcinj
26D	24	Ulebergshamn
100C	42	Uleelheue
31B	24	Ullanger
12A	16	Ullapool
116D	46	Ulsan
22B	24	Ulsteinvik
95B	40	Ulubaria
105A	44	Ulugan Bay
7A	17	Ulverston
129C	48	Ulverstone
23C	24	Ulvik
31B	24	Ulvohamn
61A	31	Umag
		Umanak, see Uummannaq
138B	21	Umba
31C	24	Umea
139A	14	Umivik
89D	37	Umm al Nar
89C	37	Umm al Qaiwain
91B	37	Umm Qasr
		Umm Said, see Mesaieed
141B	14	Umnak Island
145B	50	Umpqua River

Col. No.	Page No.	
126D	48	Umuda Terminal
141B	14	Unalaska Island
119D	45	Unchinomi
41B	25	Understed
133A	48	Undine Bay
23A	24	Undredal
140A	51	Ungava Bay
117B	46	Unggi
141B	14	Unimak Island
143D	52	Union Bay
8D	17	Union Hall
89B	37	United Arab Emirates
1A	16	United Kingdom
135A	49	United States of America
119D	45	Uno
13B	16	Unst
70B	29	Unye
140A	14	Upernavik
1C	17	Upnor
133D	49	Upolu Island
29D	24	Uppsala
122C	45	Urado
121A	45	Uraga
118D	45	Urago
117D	45	Urakawa
130D	48	Urangan
45D	22	Urdingen
61C	31	Urinj
43D	22	Urk
136C	14	Urkt Bay
71D	32	Urla
10A	17	Urr, River
31D	26	Ursviken
154A	64	Uruguay
154A	64	Uruguay, River
137B	39	Urup Island
162A	61	U.S. Virgin Islands
135A	49	U.S.A.
141A	50	U.S.A. (Alaska)
168C	54	U.S.A. (Atlantic)
172B	58	U.S.A. (Gulf of Mexico)
135A	49	U.S.A. (Hawaii)
144A	52	U.S.A. (Pacific)
121A	45	Usami
128B	48	Useless Loop
50A	18	Ushant Island (Ile d'Ouessant)
123C	45	Ushibuka
119D	45	Ushimado
152B	63	Ushuaia
5A	17	Usk, River
23D	24	Uskedal
137B	14	Usk-Kamchatsk
70D	32	Uskudar
135D	39	Ussuriyskiy Bay
68C	27	Ust Donets
67C	29	Ust-Dunaysk
42C	23	Usti nad Labem
58D	28	Ustica
58D	28	Ustica Island
36C	25	Ustka
137A	14	Ust-Khayruzovo
35A	26	Ust-Luga
137A	14	Ust-Penzhino
98D	42	Usukan Bay
123D	45	Usuki
123B	45	Usunoura
31A	24	Utansjo
42B	23	Utersen
21B	24	Uthaug
167B	60	Utila Island
23D	24	Utne
82B	36	Utonde
44C	22	Utrecht
24A	24	Utsira
21A	20	Utskarpen
134A	49	Uturoa
22D	24	Utvaer
140A	14	Uummannaq (Dundas)
140A	14	Uummannaq (Umanak)
139A	14	Uunarteq (Kap Tobin)
32C	26	Uusikaarlepyy
33A	26	Uusikaupunki
133C	49	Uvea Island
122C	45	Uwajima
36A	26	Uzava
	11	Uzbekistan

V

Col. No.	Page No.	
22C	24	Vaagsoy
32D	26	Vaasa (Vasa)
148C	60	Vacamonte
57D	31	Vada
22D	24	Vadheim
92C	40	Vadinar Terminal
57B	31	Vado Ligure
19C	21	Vadso
17C	20	Vagar
17C	20	Vagur
134A	49	Vaitape
31A	24	Vaja
70B	29	Vakfikebir
23B	24	Vaksdal
		Val di Torre, see Tar
47C	22	Val St. Lambert
38C	25	Valby
	19	Valdemar
29B	25	Valdemarsvik
142A	50	Valdez
151A	63	Valdivia
78C	34	Vale de Cavaleiros
55A	28	Valencia
9A	17	Valentia
23D	24	Valevaag
	19	Valhall
63B	29	Valimitika
94B	40	Valinokkam
34A	26	Valkom
55B	28	Vallcarca
145C	53	Vallejo
46A	20	Vallendar
59D	28	Valletta
179D	57	Valleyfield
57D	31	Vallone
25D	24	Valloy
30C	24	Vallvik
		Valona, see Vlore
150D	63	Valparaiso
43D	22	Van Harinxma Canal
111A	41	Van Phong Bay
144A	52	Vancouver (Canada)
145A	52	Vancouver (U.S.A.)
143A	52	Vancouver Island
27B	24	Vanersborg
28D	25	Vanevik
38A	25	Vang
125B	48	Vangunu Island
125A	48	Vanikolo Island
126B	48	Vanimo
136A	39	Vanino
50C	18	Vannes
133B	49	Vanua Levu Island
133A	48	Vanuatu
24B	24	Vanvik
138A	14	Varandey
19C	21	Varangerfjord
127D	48	Varanus Island Terminal
27D	25	Varberg
33A	26	Vardo (Finland)
19C	21	Vardo (Norway)
43A	23	Varel
27B	24	Vargon
34C	26	Varkaus
66C	29	Varna
137D	14	Varnek
163C	61	Varreux Terminal
30A	24	Vartahamnen
33B	26	Vartsala
		Vasa, see Vaasa
32D	26	Vaskiluoto
73B	33	Vassiliko Bay
		Vasteras, see Vesteras
		Vastervik, see Vestervik
60B	28	Vasto
126D	48	Vatavaila
12A	16	Vaternish Point
63A	29	Vathi
133B	49	Vatia
63D	32	Vatika Bay
		Vatneyri, see Patrekshofn
86A	35	Vatomandry
24B	24	Vats
133D	49	Vavau Island
30A	24	Vaxholm
138C	21	Vayenga Bay
137D	14	Vaygach Island
38C	25	Vedbaek
35D	26	Veere
59B	28	Vega Terminal
43A	23	Vegesack
		Veglia Island, see Krk Island
		Veglia, see Krk
32B	26	Veitsiluoto
40C	25	Vejle
62B	29	Vela Luka
77A	34	Velas
61D	31	Veli Rat
61D	31	Velika Stinica
125C	48	Vella Lavella Island
44B	22	Velsen
28A	25	Ven Island
144B	52	Vendovi Island
		Venezia, see Venice
157C	61	Venezuela
93B	40	Vengurla
60D	31	Venice (Venezia)
186B	57	Venison Tickle
46C	22	Venlo
57B	31	Ventimiglia
147C	59	Ventosa Bay
9A	17	Ventry
36A	26	Ventspils
146B	53	Ventura
146D	59	Venustiano Carranza
168B	59	Veracruz
92D	40	Veraval
47D	22	Verbrande Brug
21C	24	Verdal
35B	26	Vergi
29B	25	Verkeback
26A	24	Verpen
149C	62	Vesique
	19	Veslefrik
20B	21	Vesteraalen
29D	24	Vesteras (Vasteras)
29B	25	Vestervik (Vastervik)
17D	20	Vestmanna
19C	20	Vestmannaeyjar
22A	24	Vestnes
19C	21	Vestre Jakobselv
53A	28	Viana do Castelo
45A	22	Vianen
57C	31	Viareggio
58D	28	Vibo Valentia
	15	Vicecomodoro Marambio
170B	54	Vicksburg
	19	Victor
129B	48	Victoria (Australia)
143B	52	Victoria (British Columbia)
112D	38	Victoria (China)
79C	36	Victoria (Guinea)
98C	42	Victoria (Malaysia)
178A	57	Victoria (Prince Edward Island)
		Victoria (Cameroon), see Limbe
96A	41	Victoria Point
107C	44	Victorias
13A	16	Vidlin Voe
	29	Vienna
	41	Vientiane
162B	61	Vieques Sound
37A	25	Vierow
111C	41	Viet Tri
110A	41	Vietnam
110C	41	Vietsovpetro
160D	61	Vieux Fort
52D	30	Vigo
39B	25	Vigsnaes
24A	24	Vigsnes
21B	20	Vik (Namsenfjord)
23A	24	Vik (Sognefjord)
20D	20	Vikholmen
	19	Viking
156B	62	Vila do Conde
77B	34	Vila do Porto
53C	30	Vila Real de Santo Antonio
50D	18	Vilaine, River
66D	29	Vilkovo
		Villa Cisneros, see Dakhla
153B	64	Villa Constitucion
153D	64	Villa Elisa (Medin)
153D	64	Villa Oliva
58D	28	Villa San Giovanni
52D	30	Villagarcia
54C	28	Villajoyosa
108A	44	Villanueva
55B	28	Villanueva y Geltru
54B	30	Villaricos
52A	30	Villaviciosa
56B	31	Villefranche
49B	18	Villeneuve-la-Garenne
49B	18	Villeneuve-le-Roi
49A	18	Villequier
	27	Vilnius
41B	25	Vilsund
47D	22	Vilvoorde
150C	49	Vinapu Terminal
55B	28	Vinaroz
175A	58	Vineyard Haven
27A	25	Vinga
110B	41	Vinh Long
110B	41	Vinh Thai
169D	54	Violet
106A	44	Virac
28D	25	Virbodraget
172B	58	Virginia (VA)
172B	58	Virginia Beach
34B	26	Virolahti
35D	26	Virtsu
125C	48	Viru Harbour
95A	40	Visakhapatnam
29A	25	Visby
	19	Visund
165C	60	Vita
108C	44	Vitali Point
133B	49	Viti Levu Island
138B	21	Vitino
107C	44	Vito Point
155B	64	Vitoria
136C	14	Vityaz Terminal
52C	30	Vivero
31A	24	Vivstavarv
		Vizhinjam, see Thiruvananthapuram
44D	22	Vlaardingen
135D	39	Vladivostok
43D	22	Vlieland
		Vlissingen, see Flushing
62D	29	Vlore (Valona)
61D	31	Vodice
40D	25	Voer
86A	35	Vohemar
22B	24	Voksa
22B	24	Volda
68C	27	Volga, River
35A	26	Volga-Baltic Waterway
68C	27	Volgodonsk
68D	27	Volgograd
65C	32	Volos
57B	31	Voltri
68D	27	Volzhskiy
44D	22	Vondelingen Plaat
44C	22	Voorburg
89B	37	Vopak Terminal
18B	20	Vopnafjordur
39A	25	Vordingborg
35C	26	Vormsi Island
135D	39	Vostochnyy
132D	48	Vouavoutou
64B	32	Voudia Bay
35A	26	Voznesenye
135D	39	Vrangel Bay
62A	29	Vranjic
25D	24	Vrengen
80A	36	Vridi
61B	31	Vrsar (Orsera)
133B	49	Vuda Point Terminal
67B	29	Vukovar
	19	Vulcan
58D	28	Vulcano Island
111B	41	Vung Ang
111A	41	Vung Ro
110D	41	Vung Tau (Cap St. Jacques)
33D	26	Vuosaari
34D	26	Vyborg
34D	26	Vysotsk
35A	9	Vytegra

W

Col. No.	Page No.	
45B	22	Waal, River
185B	57	Wabana
179D	57	Waddington
4B	17	Wadebridge
88B	33	Wadi
88A	33	Wadi Feiran Terminal
148B	60	Wafer Bay
45A	22	Wageningen (Netherlands)
157B	62	Wageningen (Suriname)
170A	54	Waggaman
104A	43	Wahai Bay
135A	49	Wahiawa Bay
103B	43	Waingapu
141A	50	Wainwright
131D	48	Wairau
104A	43	Waisarissa
131B	48	Waitara
123A	45	Wakamatsu
120C	45	Wakayama
135A	48	Wake Island
117B	45	Wakkanai
90B	37	Wakrah
47A	22	Walcheren Canal
5A	17	Wales
178A	57	Wallace
99A	42	Wallace Bay
182B	56	Wallaceburg
128D	48	Wallaroo

Col. No.	Page No.	
6B	17	Wallasey
27A	25	Wallhamn
133C	49	Wallis and Futuna Islands
13A	16	Walls
15B	16	Wallsend
48A	22	Walsoorden
45C	22	Walsum
176B	57	Walton
4D	17	Walton Bay
84B	34	Walvis Bay
45B	22	Wamel
127D	48	Wandoo Terminal
131C	48	Wanganui
43B	23	Wangerooge
117C	45	Wanishi
142D	52	Ward Cove
15A	17	Warkworth (Amble)
37B	25	Warnemunde
37B	25	Warnow, River
174D	58	Warren
8A	17	Warrenpoint
145B	52	Warrenton
81A	36	Warri
81A	36	Warri River
6C	17	Warrington
129B	48	Warrnambool
	21	Warsaw
172C	58	Washington (DC)
144A	52	Washington (WA)
		Washington Island, see Tabuaeran
126A	48	Wasum
4C	17	Watchet
142D	52	Waterfall Bay
8C	17	Waterford
8B	17	Waterford Harbour
25C	24	Waterloo
176A	57	Waterside
143A	52	Watson Island
145B	52	Wauna Range
16D	17	Waveney, River
131B	48	Waverley Terminal
104B	43	Wayame
15B	16	Wear, River
6D	17	Weaste
6C	17	Weaver, River
186B	51	Webeck Harbour
42C	23	Wedel
173D	58	Weehawken (NJ)
100C	42	Weh Island
115B	46	Weihai
127A	48	Weipa
46A	20	Weissenthurm
113B	47	Weitou
182C	56	Welland (Canada)
	19	Welland (North Sea Terminals)
182C	56	Welland Canal
16C	17	Welland, River
131C	49	Wellington
16C	17	Wells
47A	22	Wemeldinge
10C	16	Wemyss Bay
	19	Wendy
114A	47	Wenzhou
45C	22	Wesel
42D	23	Weser, River
42D	23	Wesermunde
86C	35	Wesha
145A	52	Wesport Range
45D	22	Wesseling
141B	14	West Anchor Cove
177C	57	West Bay (Cape Breton Island)
176B	57	West Bay (Nova Scotia)
5C	17	West Cleddau River
	19	West Ekofisk
141D	50	West Foreland
43C	22	West Frisian Islands
15B	16	West Hartlepool
47A	22	West Kapelle
169B	54	West Lake
105B	44	West Linapacan Terminal
171B	55	West Palm Beach
178B	57	West Point
	19	West Sole
43D	22	West Terschelling
127B	48	Western Australia
78A	34	Western Sahara
47A	22	Western Scheldt (Westerschelde)
		Westernport, see Hastings
4C	17	Westleigh
98C	42	Weston
6C	17	Weston Church Wall
6C	17	Weston Point
145C	50	Westport (California)
176C	57	Westport (Canada)
132A	48	Westport (New Zealand)
9C	17	Westport (Republic of Ireland)
144D	52	Westport (Washington)
12D	16	Westray
143D	52	Westview
173B	58	Westville
169D	54	Westwego
44B	22	Westzaan
86D	35	Wete
126B	48	Wewak
42A	65	Wewelsfleth
8B	17	Wexford
176C	57	Weymouth (Canada)
2D	17	Weymouth (England)
175A	58	Weymouth (U.S.A.)
131C	49	Whakatane
131D	48	Whangarei
131D	48	Whangarei Harbour
131D	48	Whangaroa
182B	56	Wheatley
184D	57	Whiffen Head
182D	56	Whitby (Canada)
15C	17	Whitby (England)
186A	57	White Bay
138A	21	White Sea
181C	56	Whitefish Point
8C	17	Whitegate
7B	17	Whitehaven
1D	17	Whitstable
142A	50	Whittier
16B	16	Whitton
128D	48	Whyalla
177C	57	Whycocomagh
13C	16	Wick
8B	17	Wicklow
6D	17	Widnes
102A	42	Widuri Terminal
48B	22	Wielingen
10A	17	Wigtown
44B	22	Wijk aan Zee (Wyk aan Zee)
46D	22	Wilhelmina Canal
42C	23	Wilhelmsburg
43A	23	Wilhelmshaven
145A	52	Willamette River
144D	52	Willapa Harbour
144D	52	Willapa River
145A	52	Willbridge
47D	22	Willebroek
160A	61	Willemstad (Netherlands Antilles)
46D	22	Willemstad (Netherlands)
143B	52	William Head
186A	57	Williamsport
130A	48	Williamstown
146C	53	Wilmington (California)
173A	58	Wilmington (Delaware)
172A	58	Wilmington (North Carolina)
130A	48	Wilson's Promontory
48C	18	Wimereux
	34	Windhoek
176B	57	Windsor (Nova Scotia)
182B	56	Windsor (Ontario)
140B	51	Winisk
80B	36	Winneba
6C	17	Winnington
43C	22	Winschoten
43C	22	Winschoter Diep
144C	52	Winslow
140D	14	Winter Harbour
175C	57	Winterport
47D	22	Wintham
16C	17	Wisbech
175C	57	Wiscasset
42B	65	Wischhafen
181A	56	Wisconsin (WI)
140D	50	Wise Bay
36B	26	Wisla, River
37B	25	Wismar
16C	17	Witham, River
185A	57	Witless Bay
17B	17	Wivenhoe
36C	25	Wladyslawowo
44C	22	Woerden
4A	17	Wolf Rock
176B	57	Wolfville
37A	25	Wolgast
36D	25	Wolin
47A	22	Wolphaartsdijk
141D	50	Womens Bay
48B	22	Wondelgem
117A	46	Wonsan
16D	17	Woodbridge
3D	17	Woodbury
143D	52	Woodfibre
97A	42	Woodlands
126D	48	Woodlark Island
175A	58	Woods Hole
184A	57	Woods Island
128A	48	Woollybutt Terminal
1A	17	Woolwich
7B	17	Workington
43D	22	Workum
44B	22	Wormerveer
46B	20	Worms
2B	17	Worthing
124D	48	Wotje Atoll
81D	36	Wouri, River
142C	52	Wrangell
142C	52	Wrangell Island
172A	58	Wrightsville
115A	47	Wuhan
114D	47	Wuhu
114B	47	Wusong
112B	46	Wuzhou
180C	56	Wyandotte
5A	17	Wye, River
41D	23	Wyk
		Wyk aan Zee, see Wijk aan Zee
127B	48	Wyndham
7A	17	Wyre, River

X

Col. No.	Page No.	
167C	60	Xcalak
73A	33	Xeros Pier
112B	46	Xi Jiang
114A	47	Xiabaishi
113B	47	Xiamen
115A	47	Xiang Jiang
112B	46	Xiaolan
156C	62	Xiborena
83C	36	Xikomba Terminal
115C	46	Xingang
112A	46	Xinhui
114C	47	Xinshenwei
112C	46	Xintang
113D	47	Xiuyu

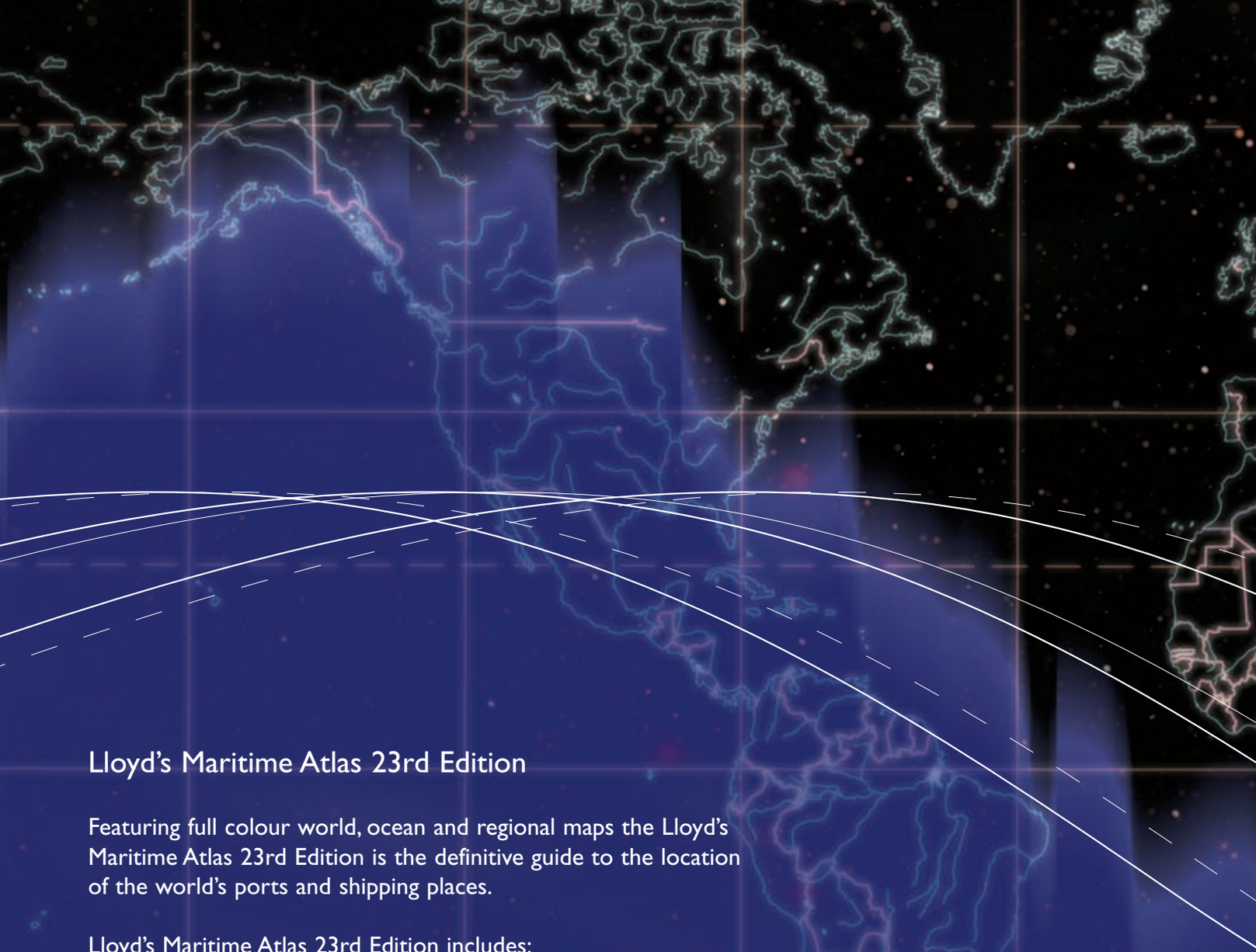
Y

Col. No.	Page No.	
		Ya Xian, see Sanya
162C	61	Yabucoa
74A	33	Yafo (Jaffa)
49A	18	Yainville
121A	45	Yaizu
123C	45	Yakushima
142A	52	Yakutat
137C	14	Yakutsk
72B	32	Yali Island
71A	32	Yalova
68B	29	Yalta
116A	46	Yalu River
123C	45	Yamagawa
130C	48	Yamba
127C	48	Yampi Sound
119A	45	Yanai
88C	35	Yanbu (Yenbo)
103C	43	Yandema
125B	48	Yandina
112A	46	Yangjiang
95D	41	Yangon
95D	41	Yangon River
111D	41	Yangpu
114B	47	Yangtze River (Chang Jiang)
114C	47	Yangzhou
115C	46	Yantai
113A	38	Yantian
	34	Yaounde
124C	48	Yap Island
145B	50	Yaquina Bay
16D	17	Yare, River
71A	32	Yarimca
176C	57	Yarmouth (Canada)
2C	17	Yarmouth (England)
175C	57	Yarmouth (U.S.A.)
69A	27	Yaroslavl
130A	48	Yarraville
136B	39	Yasnomorskiy
123C	45	Yatsushiro
147A	59	Yavaros
122D	45	Yawata
122C	45	Yawatahama
69C	29	Yeisk
13A	16	Yell
4C	17	Yelland
88C	35	Yemen
		Yenbo, see Yanbu
68B	29	Yenikale
71A	32	Yenikoy
137D	14	Yenisei, River
116A	46	Yeonpyung
65D	32	Yerakini
47A	22	Yerseke (Ierseke)
96A	41	Yetagun Terminal
68A	29	Yevpatoriya
115A	47	Yichang
115D	46	Yingkou
		Yithion, see Gythion
114C	47	Yizheng
32C	26	Ykspihlaja
44B	22	Ymuiden (IJmuiden)
81C	36	Yoho Terminal
117C	45	Yoichi
141C	14	Yoke Bay
120C	45	Yokkaichi
121B	45	Yokohama
123B	45	Yokoshima
121A	45	Yokosuka
81A	36	Yola
83A	36	Yombo Terminal
124A	47	Yonabaru
174A	58	Yonkers
140B	51	York Factory
172C	58	York River
172C	58	Yorktown
122C	45	Yoshida
116C	46	Yosu
8C	17	Youghal
44A	22	Yssel (River Ijssel), River
43D	22	Ysselmeer (Ijsselmeer)
44D	22	Ysselmonde (Ijsselmonde)
28B	25	Ystad
26C	24	Ystehedkilen
30A	24	Ytterby
168A	60	Yukalpeten
112A	41	Yulin
72D	33	Yumurtalik
72D	33	Yumurtalik Bay
120C	45	Yura
137B	39	Yuzhno Kurilsk
67D	29	Yuzhnyy

Z

Col. No.	Page No.	
88A	33	Zaafarana Terminal
44B	22	Zaan Canal
44B	22	Zaandam
139A	14	Zackenberg
61D	31	Zadar (Zara)
82A	36	Zafiro Terminal
	29	Zagreb
73D	33	Zahrani Terminal
		Zaire, River, see Congo, River
		Zaire, see Democratic Republic of Congo
		Zakinthos Island, see Zante Island
		Zakinthos, see Zante
45B	22	Zaltbommel
	35	Zambia
108C	44	Zamboanga
47B	22	Zandvliet
48C	22	Zandvoorde
44C	22	Zandvoort
63A	29	Zante (Zakinthos)
63A	29	Zante (Zakinthos) Island
86C	35	Zanzibar
86C	35	Zanzibar Island
68A	29	Zaporozhye
159C	60	Zapzurro
		Zara, see Zadar
153A	64	Zarate
135C	39	Zarubino
75B	28	Zarzis
61A	31	Zaule
75A	28	Zawia Terminal
143B	52	Zeballos
48B	22	Zeebrugge
87D	33	Zeit Bay Terminal
36D	25	Zelechowa
62C	29	Zelenika
48A	22	Zelzate
66B	32	Zeytinburnu
115B	46	Zhangjiabu
114C	47	Zhangjiagang
113B	47	Zhangzhou
112A	41	Zhanjiang
112B	46	Zhaoqing

Col. No.	Page No.	
114B	**47**	Zhapu
114A	**47**	Zhenhai
114C	**47**	Zhenjiang
115A	**47**	Zhicheng
112C	**46**	Zhongshan
114A	**47**	Zhoushan Qundao
112B	**46**	Zhu Jiang (Pearl River)
112B	**46**	Zhuhai
47A	**22**	Zierikzee
79A	**36**	Ziguinchor
147B	**59**	Zihuatanejo
47A	**22**	Zijpe
	35	Zimbabwe
37B	**25**	Zingst
90A	**37**	Zirku
90A	**37**	Zirku (Az Zarqa) Island
75A	**28**	Zliten
70C	**29**	Zonguldak
149B	**62**	Zorritos
73D	**33**	Zouk
43C	**22**	Zoutkamp
75A	**28**	Zuara
74D	**29**	Zueitina Terminal
46C	**22**	Zuid-Willemsvaart Canal
45B	**22**	Zuilichem
87B	**35**	Zula
51D	**30**	Zumaya
47C	**22**	Zutendaal
44A	**22**	Zutphen
44A	**22**	Zwartsluis
47C	**22**	Zwijndrecht (Belgium)
45B	**22**	Zwijndrecht (Zwyndrecht) (Netherlands)
44A	**22**	Zwolle
		Zwyndrecht, see Zwijndrecht
73B	**33**	Zyyi



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Featuring full colour world, ocean and regional maps the Lloyd's Maritime Atlas 23rd Edition is the definitive guide to the location of the world's ports and shipping places.

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Each full colour regional map features distance tables and ports in bold type which are located at the front of the Atlas. These accurate figures have been extracted from the BP Marine Distance Tables and are quoted in nautical miles. Each map also details major road, rail links and airports serving a port or harbour.

Commercial ports are shown in a clear and concise manner with particular attention being paid to the busiest shipping areas, where larger scale, more detailed maps are used.

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