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ARGENTINA

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- 1 BUENOS AIRES - PUERTOS DEL MAR MEDITERRANEO
- 2 BUENOS AIRES - PUERTOS DEL NORTE DE EUROPA
- 3 BUENOS AIRES - PUERTOS DEL GOLFO DE MEXICO Y COSTA ESTE DE LOS ESTADOS
- 4 UNICOS DE NORTEAMERICA
- 5 BUENOS AIRES - PUERTOS DEL BRESIL
- 6 BUENOS AIRES - PUERTOS SUDAMERICANOS EN EL OCEANO PACIFICO
- 7 BUENOS AIRES - PUERTOS PATAGONICOS ARGENTINOS

ARGENTINA

01.01.1970

Selected Ships

ALMIRANTE STEWART	LQAT	3	AN	MER	W	P W	C	SS	TMS 1	13.0
COMODORO RIVADAVIA	LRBP	6	AN	MER	S	P S	C	SS	TMS 1	11.0
FLORENTINO AMEGHINO	LRAF	6	MER	MER	S	P S	C	SS	TMS 1	11.0
GENERAL LAS HERAS	LRCH	6	MER	MER	S	P S	C	SS	TMS 1	12.0
HARVELLA	LQPH	6	AN	MER	W	P W	C	SS	TMS 1	13.0
INGENIERO HERMITTE	LRAH	6	AN	MER	S	P S	C	SS	TMS 1	12.0
KALINGA	LQYL	6	AN	MER	W	P W	C	SS	TMS 1	13.0
KELLIA	LQYK	6	AN	MER	W	P W	C	SS	TMS 1	13.0
LA PLATA	LPKT	6	MER	MER	W	P W	C	SS	TMS 2	14.0
LAGO ARGENTINO	LQBN	1	AN	MER	W	P W	C	SS	TMS 2	12.0
LAGO LACAR	LQGC	1	AN	MER	W	P W	C	SS	TMS 1	15.0
LAGO NAHUEL HUAPI	LQGA	2	AN	MER	W	P W	C	SS	TMS 1	14.0
LAGO TRAFUL	LQGB	2	AN	MER	S	P S	C	SS	TMS 1	16.0
PECTEN	LQYP	6	AN	MER	W	P W	C	SS	TMS 1	13.0
PERITO MORENO	LRAI	6	AN	MER	S	P S	C	SS	TMS 1	15.0
PETROMAR CAMPANA	LQUC	6	AN	MER	W	P W	C	SS	TMS 1	13.0
PETROMAR CORDOBA	LQVC	6	AN	MER	W	P W	C	SS	TMS 1	15.0
PETROMAR ROSARIO	LQVH	6	AN	MER	W	P W	C	SS	TMS 1	13.0
RIO CARCARANA	LRPC	2	AN	MER	W	P W	C	SS	TMS 1	16.0
RIO COLORADO	LRPD	1	AN	MER	W	P W	C	SS	TMS 1	14.0
RIO CORRIENTES	LRPE	2	AN	MER	S	P S	C	SS	TMS 1	16.0
RIO DULCE	LQGR	3	AN	MER	S	P S	C	SS	TMS 1	14.0
RIO GALLEGOS	LRRB	4	AN	MER	W	P W	C	SS	TMS 1	10.0
RIO MENDOZA	LRSH	4	AN	MER	A	P A	C	SS	TMS 1	11.0
RIO QUEQUEN	LRSU	1	AN	MER	W	P W	C	SS	TMS 1	14.0
RIO SALADO	LQGS	3	AN	MER	S	P S	C	SS	TMS 1	16.0
RIO SAN JUAN	LRTA	4	AN	MER	W	P W	C	SS	TMS 1	13.0
RIO SANTIAGO	LRTH	2	AN	MER	S	P S	C	SS	TMS 1	11.0
SAN ANTONIO	LRCS	6	MER	MER	S	P S	C	SS	TMS 1	14.0
SAN JOSE	LRCY	6	AN	MER	W	P W	C	SS	TMS 1	13.0

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ARGENTINA

Supplementary Ships

ANTARTICC	LQQA	4	AN	MER	S	P S	C	SS	TMS	1	13.0
ARGENTINA	LPCR	1	AN	MER	S	P S	C	SS	TMS	1	16.0
ASTRASUR	LQUW	6	AN	MER	W	P W	C	SS	TMS	1	
BAHIA BUEN SUCEO	LCPQ	4, 6	AN	MER	W	P W	C	SS	TMS	1	
BALLENITA	LQUE	7	AN	MER	W	P W	C		TMS	1	10.0
CABO SAN GONZALO	LOMY	6	AN	MER	W	P W	C	SS	TMS	1	
CABO SAN PIC	LONE	6	AN	MER	W	P W	C	SS	TMS	1	
CACIQUE CATRIEL	LQUZ	4	AN	MER	S	P S	C	SS	TMS	1	10.0
CACIQUE NAMUNCURA	LQVN	4	AN	MER	S	P S	C	SS	TMS	1	10.0
CAMPERO	LQAO	1	AN	MER	W	P W	C	SS	MS	1	12.0
CORDOBA	LQAS	7	AN	MER	W	P W	C		TMS	1	14.0
CORMORAN	LQVP	1	AN	MER	W	P W	C	SS	TMS	1	14.0
DESDEMONA	LQZD	4	AN	MER	S	P S	C		TMS	1	10.0
DON SEGUNDO SOMBRA	LQVK	4, 6	AN	MER	S	P S	C	SS	TMS	1	
EARTHBANK	LQYE	4	AN	MER	S	P S	C	SS	TMS	1	11.0
ENTRE RICS	LQER	7	AN	MER	W	P W	C	SS	MS	1	12.0
ESTRELLA ARGENTINA	LQUY	6	AN	MER	S	P S	C		TMS	1	15.0
FLETERO	LQAY	3	AN	MER	W	P W	C	SS	TMS	1	12.0
GENERAL MARTIN GUEMES	LRMG	6	MER	MER	S	P S	C	SS	TMS	1	15.0
GENERAL PUEYRREDON	LRBH	6	MER	MER	W	P W	C	SS	TMS	1	14.0
GENERAL SAN MARTIN	LRBM	6	AN	MER	W	P W	C	SS	TMS	1	12.0
GRANADERO	LQBB	2, 7	AN	MER	W	P W	C	SS	MS	1	14.0
GUER AIKE	LRAP	6	AN	MER	W	P W	C	SS	TMS	1	
HORNERO	LQBC	2	AN	MER	S	P S	C	SS	MS	1	11.0
JUVENAL	LQYB	6	AN	MER	W	P W	C	SS	MS	1	13.0
LAGO ALUMINE	LQBP	1	AN	MER	W	P W	C	SS	TMS	1	14.0
LIBERTAO	LPAC	2	MER	MER	W	P W	C	SS	TMS	3	14.0
MAR CASPIO	LQVT	4, 6	AN	MER	W	P W	C	SS	TMS	1	15.0
MAR DULCE	LQUM	2	AN	MER	S	P S	C		TMS	1	17.0
MAR TIRRENO	LQOM	4, 6	AN	MER	W	P W	C	SS	TMS	1	
MARINERO	LQCG	3	AN	MER	W	P W	C	SS	MS	1	14.0

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ARGENTINA

MENDOZA	LQCL	3	AN	MER	W	P W	C	SS	MS	1	14.0
NAVIERO	LQCY	3	AN	MER	W	P W	C	SS	MS	1	12.0
OREMAR	LQMQ	4	AN	MER	W	P W	C	SS	TMS	1	12.0
OVERO	LQDD	3	AN	MER	W	P W	C	SS	MS	1	12.0
PAMPAMAR	LQWJ	6	AN	MER	W	P W	C		TMS	1	19.0
PETREL	LQUO	1	MER	MER	W	P W	C	SS	TMS	1	14.0
PETROMAR BAHIA BLANCA	LQVB	6	AN	MER	W	P W	C	SS	TMS	1	13.0
PETROMAR RIO NEGRO	LQUG	6	AN	MER	S	P S	C	SS	TMS	1	13.0
PRESIDENTE CASTILLO	LQDT	7	AN	MER	W	P W	C	SS	TMS	1	14.0
PUNTA PIEDRAS	LQPP	6	AN	MER	W	P W	C	SS	TMS	1	
RIO AGUAPEY	LRPN	3	AN	MER	W	P W	C	SS	MS	1	12.0
RIO ARAZA	LRPQ	2	AN	MER	S	P S	C	SS	MS	1	13.0
RIO ATUEL	LRPS	3	AN	MER	W	P W	C	SS	MS	1	12.0
RIO BELEN	LRPV	3	AN	MER	W	P W	C	SS	MS	1	13.0
RIO BELGRANO	LRPW	3	AN	MER	S	P S	C	SS	TMS	1	15.0
RIO BERMEJO	LRPY	3	AN	MER	W	P W	C	SS	MS	1	14.0
RIO CUARTO	LRQL	2	AN	MER	W	P W	C	SS	MS	1	12.0
RIO LUJAN	LRSC	4	AN	MER	S	P S	C	SS	TMS	1	12.0
RIO PRIMERO	LRST	3	AN	MER	S	P S	C	SS	MS	1	14.0
RIO QUINTO	LRSW	2	AN	MER	W	P W	C	SS	TMS	1	13.0
RIO TERCERO	LRTK	2	AN	MER	S	P S	C	SS	MS	1	13.0
RIO TUNUYAN	LPQG	2	AN	MER	W	P W	C	SS	TMS	2	16.0
SAN BENITO	LQCB	4	AN	MER	W	P W	C	SS	TMS	1	8.0
SAN JULIAN	LRDA	6	MER	MER	S	P S	C		TMS	1	13.0
SAN SEBASTIAN	LRDD	6	MER	MER	W	P W	C	SS	MS	1	12.0
SANTA FE	LQFE	3	AN	MER	W	P W	C	SS	MS	1	13.0
SANTOS VEGA	LQVG	4,6	AN	MER	W	P W	C	SS	TMS	1	
TENIENTE DE NAVIO DEL CASTILLO	LRLC	6	AN	MER	W	P W	C	SS	TMS	1	11.0
URUGUAY	LPBP	2	AN	MER	S	P S	C	SS	TMS	1	16.0

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AUSTRALIA

- 1 AUSTRALIAN COASTAL SERVICE
- 2 AUSTRALIA - AFRICA
- 3 AUSTRALIA - INDIA
- 4 AUSTRALIA - JAPAN
- 5 AUSTRALIA - MALAYSIA
- 6 AUSTRALIA - NAURU
- 7 AUSTRALIA - NEW GUINEA
- 8 AUSTRALIA - NEW ZEALAND
- 9 AUSTRALIA - PACIFIC ISLANDS
- 10 AUSTRALIA - PERSIAN GULF - INDIAN PORTS
- 11 AUSTRALIA - UNITED KINGDOM
- 12 AUSTRALIA - NEW GUINEA - THAILAND - MALAYSIA
- 13 AUSTRALIA - CHRISTMAS ISLAND

AUSTRALIA

01.01.1970

Selected Ships

ABEL TASMAN	VLKT	8	MER	MER	S	P S	C	OS		MS	1	14.0
AL MAHROSA	GKCA	10	DA	MER	S	P S	C	OS		MS	1	10.0
ANDROS	SIJM	4	DA	MER	S	P S	C	OS		TMS	1	15.0
ARADINA	GVFL	4	DA	MER	S	P S	C	OS	HA	TMS	1	18.0
ARAFURA	MSNMM	4, 5	MER	MER	S	P S	C	OS		MS	1	15.0
ARAKAWA	GVFM	4	MER	MER	S	P S	C	OS		TMS	1	18.0
ARAWATTA	GLWA	4	MER	MER	S	P S	C	OS		MS	1	15.0
AUSTRALIA	GHRB	5	DA	MER	S	P S	C	OS		TMS	1	5.0
BALAAAR	VLBW	1	MER	MER	S	P S	C	OS		MS	1	15.0
BAMORA	GWLF	3	MER	MER	S	P S	C	OS	HA	MS	1	14.0
BARPETA	GULD	3	MER	MER	S	P S	C	OS		MS	1	14.0
BINBURRA	VRBM	1	MER	MER	VS	P VS	C	OS		TMS	1	14.0
BOGONG	VJBA	1	MER	MER	S	P S	C	OS		TMS	1	22.0
BOLNES	GTU	11	MER	MER	S	P S	C	OS		TMS	1	18.0
BP ENDEAVOUR	VJCT	1	MER	MER	S	P S	C	OS		TMS	1	16.0
BP ENTERPRISE	VJNV	1	DA	MER	S	P S	C	OS		TMS	1	16.0
BRAESIDE	GCPM	7	MER	MER	S	P S	C	OS	HA	TMS	1	16.0
BURWAH	VMYZ	1	DA	MER	S	P S	C	OS		MS	1	13.0
CAPE DON	VLFO	1	MER	MER	S	P S	C	OS	HA	TMS	1	10.0
CAPE PILLAR	VLFS	1	DA	MER	S	P S	C	OS		TMS	1	13.0
CARPENTARIA	GQLB	10	DA	MER	S	P S	C	OS		MS	1	16.0
CATHAY	GHN	4	DA	MER	S	P S	C	OS		TMS	2	20.0
CENTAUR	GLRU	5	MER	MER	S	P S	C	OS		TMS	1	16.0
CHAKDINA	GFSF	10	MER	MER	S	P S	C	OS		TMS	1	16.0
CHAKRATA	GFS	10	MER	MER	S	P S	C	OS		MS	1	16.0
CHANDPARA	GQMD	10	MER	MER	S	P S	C	OS		MS	1	16.0
CORAL CHIEF	GXKF	7	DA	MER	S	P S	C	OS	HA	TMS	1	15.0
DELAMERE	VNWL	1	MER	MER	S	P S	C	OS		MS	1	11.0
DELOS	SIGA	4	MER	MER	S	P S	C	OS		MS	1	15.0
DONGARA	VMCS	1	MER	MER	VS		C	OS		MS	1	11.0
DULVERTON	VJVJ	1	MER	MER	S	P S	C	OS		MS	1	11.0

AUSTRALIA

EIGAMOIYA	C2EM	4,6	DA	MER	S	P S	C	OS		TMS	1	16.0
EMPRESS OF AUSTRALIA	VLJY	1	DA	MER	S	P S	C	OS	HA	TMS	1	19.0
HALIFAX STAR	GMOM	14	DA	MER	S	P S	C	OS		MS	1	14.0
HOBART STAR	GJPN	11	MER	MER	S	P S	C	OS		TMS	1	17.0
IRON DERBY	VKQM	1	DA	MER	S	P S	C	OS		TMS	1	
IRON FLINDERS	VJSM	1	MER	MER	S	P S	C	OS			1	19.0
IRON KIMBERLY	VJRD	1	MER	MER	S	P S	C	OS		TMS	1	17.0
ISLAND CHIEF	CHWJ	7	DA	MER	S	P S	C	OS		MS	1	14.0
JUNA	GMNQ	10	DA	MER	S	P S	C	OS		TMS	1	16.0
KANGAROO	VJVD	1	MER	MER	S	P S	C	OS		TMS	1	11.0
KANIMBLA	VJPX	1	DA	MER	S	P S	C	OS		TMS	1	22.0
KOOJARRA	VMXK	1	MER	MER	S	P S	C	OS		MS	1	11.0
KOOLAMA	VLBY	1	DA	MER	S	P S				MS	1	11.0
KOORINGA	VLKM	1	DA	MER	S	P S	C	OS		TMS	1	12.0
LEMNOS	SKQT	4	MER	MER	S	P S	C	OS		TMS	1	15.0
MILOS	SDZN	4	DA	MER	VS		C	OS		TMS	1	16.0
MOANAROI	ZGNC	9	DA	MER	S	P S	C	OS		T	1	7.0
MONTORO	GVKG	7	MER	MER	S	P S	C	OS		MS	1	13.0
MORESBY	VJKL	7	MER	MER	S	P S	C	OS		TMS	1	14.0
MUNDOORA	VJMY	1	DA	MER	S	P S	C	OS	HA	M	1	13.0
NIMOS	GYYS	7	DA	MER	S	P S	C	OS		TMS	1	13.0
PORT ALBANY	GNHP	14	DA	MER	S	P VS	C	OS		TMS	1	19.0
PORT ALFRED	GHHO	11	DA	MER	S	P S	C	OS		TMS	1	16.0
PORT HUON	GNHQ	11	DA	MER	S	P S	C	OS		TMS	1	19.0
PORT MELBOURNE	GTFF	11	MER	MER	S	P S	C	OS		MS	1	16.0
PORT MONTREAL	GRKJ	11	DA	MER	S	P S	C	OS		MS	1	15.0
PORT NEW	GFXH	11	MER	MER	VS		C	OS		MS	1	16.0
PORT ST. LAWRENCE	GHQA	8,11	DA	MER	S	P S	C	OS		TMS	1	16.0
RHEXINOR	GKPQ	12	MER	MER	S	P S	C	OS		TMS	1	15.0
RONA	VJKG	9	DA	MER	S	P S	C	OS	HA	MS	1	14.0
SAMOS	SIDX	4	MER	MER	S	P S	C	OS		TMS	1	17.0
SLETHOLM	VMSH	7,9	DA	MER	S	P S	C	OS		MS	1	11.0
STENTOR	GMTC	5	MER	MER	S	P S	C	OS		MS	1	15.0
TENOS	SMHD	4	MER	MER	S	P S	C	OS		MS	1	15.0

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AUSTRALIA

TIENSTIN	GHWH	4	MER	MER	VS		C	OS		MS	1	14.0
TOWNSVILLE STAR	GCJE	11	MER	MER	S	P S	C	OS		TMS	1	15.0
TRIADIC	GDNM	6	MER	MER	VS		C	OS		MS	1	
TRIELLIS	GXSG	6,13	MER	MER	VS		C	OS		MS	1	17.0
TROUBRIDGE	VJXB	1	DA	MER	S	P S	C	OS		T	1	14.0
TULAGI	MSLQ	7	MER	MER	S	P S	C	OS	HA	TMS	1	11.0
WINDARA	VKZL	1	MER	MER	S	P S	C	OS	HA	MS	1	13.0
WONGALA	VKVL	1,8	DA	MER	S	P S	BU	OS		MS	1	7.0
KABBARLI	VLXV	1	AN	MER	VS					MS	1	11.0

Auxiliary Ships

MITTAGONG	VJTS	1	MER	MER	S	P S				MS	1	16.0
BASS TRADER	VJWY	1	AN	MER						TMS	1	14.0

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BELGIUM

- 1 ANTWERP - CONGO - LOBITO
- 2 ANTWERP - EAST AFRICA
- 3 ANTWERP - NEW YORK
- 4 ANTWERP - GULF OF MEXICO - CUBA USA GULF
- 5 ANTWERP - SOUTH AMERICA
- 6 NORTH SEA
- 7 ANTWERP - WORLD TRAMPING
- 8 ANTWERP - CARRIBEAN SEA
- 9 EUROPE - WEST AFRICA
- 10 ANTWERP - PERSIAN GULF
- 11 ANTWERP - ECUADOR
- 12 NORTH AMERICA - WEST AFRICA
- 13 MEDITERRANEAN - WEST AFRICA
- 14 EUROPE - CANADA - GREAT LAKES

BELGIUM

01.01.1969

Selected Ships

ALBERTVILLE	ONAH	1	AN	MER	W	P W	BU	OS	HA	TMS 3	13.0
ANVERS	ONAQ	4	AN	MER	W	P W	BU	OS	HA	TMS 1	13.0
BELVAL	ONBE	14	AN	MER	W	P W	BU	OS	A	TMS 1	20.0
BREUGHEL	ONBB	3	AN	MER	W	P W	BU	OS	A	TMS 1	16.0
CDT FOURCAULT	ORFL	6	AN	MER	W	P W	BU	OS	A	TM	7.0
E.R.ANTVERPIA	ONAB	7	AN	MER	W	P W	BU	OS	A	TMS 1	22.0
E.R.SCALDIA	ONSC	7	AN	MER	W	P W	BU	OS	A	TMS 1	21.0
EEKLO	ONEE	7	AN	MER	W	P W	BU	OS	A	TMS 1	20.0
ESCAUT	ONEO	4	AN	MER	W	P W	BU	OS	HA	TMS 1	13.0
FEDERAL SCHELDE	ONFE	14	AN	MER	W	P W	BU	OS	A	TMS 1	18.0
FEDERAL ST. LAURENT	ONFF	14	AN	MER	W	P W	BU	OS	A	TMS 1	18.0
FINA AMERICA (Tanker)	ONFI	10	AN	MER	W	P W	BU	OS	HA	TMS 1	16.0
FINA NORVEGE (Tanker)	ONFJ	10	AN	MER	W	P W	BU	OS	HA	TMS 1	20.0
FRUBEL AFRICA	ONFQ	11	AN	MER	W	P W	BU	OS	A	TMS 1	13.0
FRUBEL AMERICA	ONFX	11	AN	MER	W	P W	BU	OS	A	TMS 1	13.0
FRUBEL ASIA	ONFN	11	AN	MER	W	P W	BU	OS	A	TMS 1	13.0
FRUBEL EUROPA	ONFW	11	AN	MER	W	P W	BU	OS	A	TMS 1	13.0
FRUBEL OCEANIA	ONFO	11	AN	MER	W	P W	BU	OS	A	TMS 1	13.0
FRUBEL PR. PAOLA	ONFP	11	AN	MER	W	P W	BU	OS	A	TMS 1	13.0
GAND	ONGA	4	AN	MER	W	P W	BU	OS	HA	TMS 1	13.0
J. OKITO	9OJO	13	AN	MER	W	P W	BU	OS	HA	TMS 1	14.0
JORDAENS	ONJO	3	AN	MER	W	P W	BU	OS	HA	TMS 1	16.0
LOVERVAL	ONLN	7	AN	MER	W	P W	BU	OS	HA	TMS 1	16.0
LUALABA	ONLV	1	AN	MER	W	P W	BU	OS	A	TMS 1	14.0
LUKUGA	ONLR	12	AN	MER	W	P W	BU	OS	HA	TMS 1	14.0
LULUA	ONLY	5	AN	MER	W	P W	BU	OS	HA	TMS 1	14.0
LUSAMBO	ONLQ	1	AN	MER	W	P W	BU	OS	HA	TMS 1	14.0
M. M'POLO	9OMM	12	AN	MER	W	P W	BU	OS	HA	TMS 1	14.0
MARLY II	ONML	7	AN	MER	W	P W	BU	OS	HA	TMS 1	16.0
MINERAL GENT	ONMK	5	AN	MER	W	P W	BU	OS	A	TMS 1	24.0
MINERAL OUGREE	ONMM	4	AN	MER	W	P W	BU	OS	HA	TMS 1	19.0

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BELGIUM

MINERAL SERAING	ONMO	9	AN	MER	W	P W	BU	OS	A	TMS 1	20.0
MOANDA	ONMN	2	AN	MER	W	P W	BU	OS	HA	TMS 1	14.0
MOBEKA	ONMP	10	AN	MER	W	P W	BU	OS	HA	TMS 1	14.0
MOERO	ONMR	1	AN	MER	W	P W	BU	OS	HA	TMS 1	14.0
MOHASI	ONMS	10	AN	MER	W	P W	BU	OS	HA	TMS 1	14.0
MOKAMBO	ONMT	1	AN	MER	W	P W	BU	OS	HA	TMS 1	14.0
MOKARIA	ONMZ	1	AN	MER	W	P W	BU	OS	A	TMS 1	17.0
MOKOTO	ONMU	1	AN	MER	W	P W	BU	OS	HA	TMS 1	14.0
MOL	ONMY	12	AN	MER	W	P W	BU	OS	HA	TMS 1	14.0
MOLIRO	ONMV	12	AN	MER	W	P W	BU	OS	HA	TMS 1	14.0
MONTAIGLE	ONMJ	2	AN	MER	W	P W	BU	OS	A	TMS 1	16.0
MONTALTO	ONMW	2	AN	MER	W	P W	BU	OS	HA	TMS 1	17.0
MONTENAKEN	ONMI	2	AN	MER	W	P W	BU	OS	A	TMS 1	16.0
MONTFORT	ONMG	2	AN	MER	W	P W	BU	OS	A	TMS 1	16.0
MONTHOUET	ONMX	2	AN	MER	W	P W	BU	OS	HA	TMS 1	17.0
P.E. LUMUMBA	9CPL	1	AN	MER	W	P W	BU	OS	HA	TMS 3	13.0
PATIGNIES	ONPA	7	AN	MER	W	P W	BU	OS	A	TMS 1	19.0
POMONA	ONPQ	7	AN	MER	W	P W	BU	OS	A	TMS 1	13.0
PONTOS	ONPO	7	AN	MER	W	P W	BU	OS	A	TMS 1	13.0
REINE FABIOLA (Tanker)	ONRF	10	AN	MER	W	P W	BU	OS		TMS 1	20.0
RUBENS	ONRU	3	AN	MER	W	P W	BU	OS	A	TMS 1	16.0
TECUN UMAN	ONTG	8	AN	MER	W	P W	BU	OS	HA	TMS 1	12.0
TEMSE	ONTE	7	AN	MER	W	P W	BU* ELE	OS	A	TMS 1	21.0
TENIERS	ONTF	3	AN	MER	W	P W	BU	OS	A	TMS 1	16.0
TIELRODE	ONTA	7	AN	MER	W	P W	BU	OS	HA	TMS 1	16.0
WEST HINDER (Lightships)	OTW	6	AN	MER	W	P W	BU	OS	A	TM	7.0
ZELZATE	ONZE	14	AN	MER	W	P W	BU ELE	OS	A	TMS 1	20.0

* TWO THERMISTORS INSTALLED IN CONDENSER-INTAKE
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1

BRAZIL

- 1 COASTAL TRAFFIC
- 2 BRAZIL - NORTHERN EUROPE
- 3 BRAZIL - MEDITERRANEAN
- 4 BRAZIL - UNITED STATES OF AMERICA (EAST COAST)
- 5 BRAZIL - GULF OF MEXICO
- 6 BRAZIL - SOUTH AMERICA (ATLANTIC)
- 7 BRAZIL - CARIBBEAN
- 8 NO FIXED ROUTE

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2

BRAZIL

01.01.1965

BARAC DE MAUA	PUAX	6	AN	MER	VS		C	TMS 1
BARAO DE RIO BRANCO	PUBD	6	AN	MER	VS		C	TMS 1
CABO DE SANTA MARTA	PUBL	4	AN	MER	VS		C	TMS 2
CABO ORANGE	PUBA	4	AN	MER	VS		C	TMS 1
GABRIEL DA FONSECA	PUVZ	1	AN	MER	VS		C	TMS 1
GUANABARA	PUAD	8	AN	MER	VS		C	TMS 2
JULIO REGIS	PUBB	3	AN	MER	VS		C	TMS 2
LOIDE ARGENTINA	PUDX	3	AN	MER	VS		C	TMS 2
LOIDE BOLIVIA	PUDW	2	AN	MER	VS		C	TMS 2
LOIDE CHILE	PUDN	2	AN	MER	VS		C	TMS 2
LOIDE CUBA	PUDJ	2	AN	MER	VS		C	TMS 2
LOIDE EQUADOR	PUDR	2	AN	MER	VS		C	TMS 2
LOIDE GUATEMALA	PUDM	4	AN	MER	VS	P	C	TMS 2
LOIDE MEXICO	PUDH	4	AN	MER	VS	P	C	TMS 2
LOIDE NICARAGUA	PUDO	2	AN	MER	VS		C	TMS 2
LOIDE PARAGUAI	PUDV	8	AN	MER	VS		C	TMS 2
LOIDE SAN DOMINGOS	PUDK	2	AN	MER	VS		C	TMS 2
PEREIRA CARNEIRO	PUCB	2	AN	MER	VS		C	TMS 2
PRESIDENTE EPITACIO	PUQI	6	AN	MER	VS	P	C	TMS 2
PRESIDENTE GETULIO	PUWG	1	AN	MER	VS		C	TMS 2
PRESIDENTE WENCESLAU	M	6	AN	MER	VS	P	C	TMS 2
ROSA DE FONSECA	PULP	6	AN	MER	VS	P	C	TMS 3
TAQUIPE	PUWS	1	AN	MER	VS		C	TMS 1
TODOS OS SANTOS	PUAB	8	AN	MER	VS		C	TMS 1
TURIACU	PUAK	8	AN	MER	VS	P	C	TMS 1

Supplementary Ships

ALEGRETE	PUAJ	6	AN	MER	VS		C	TMS 1
BUARQUE	PUCZ	3	AN	MER	VS		C	TMS 2
CABO FRIO	PUBF	4	AN	MER	VS		C	TMS 1
LOIDE BRASIL	PUDG	8	AN	MER	VS		C	TMS 2
PARANA	PUVA	1	AN	MER	VS		C	TMS 1
PARANAGUA	PUAE	8	AN	MER	VS		C	TMS 1

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BRAZIL

RIO DODE	PUBK	6	AN	MER	VS	C	TMS 1
SIDERURGICA TRES	PUXU	1	AN	MER	VS	C	TMS 1

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CANADA

- 1 EAST COAST PORTS - CARIBBEAN AREA AND SOUTH AMERICA
- 2 EAST COAST PORTS - EUROPE
- 3 EAST COAST PORTS - SOUTH AFRICA
- 4 EAST COAST PORTS - CARIBBEAN AREA AND EUROPE
- 5 EASTERN PORTS - CANADIAN ARCTIC
- 6 EASTERN CANADIAN COASTAL WATERS
- 7 GREAT LAKES
- 8 WEST COAST PORTS - CANADIAN ARCTIC
- 9 WEST COAST PORTS - AUSTRALIA
- 10 WEST COAST PORTS - FAR EAST
- 11 WEST COAST PORTS - NORTH PACIFIC
- 12 WORLD-WIDE VOYAGES
- 13 WESTERN CANADIAN COASTAL WATERS
- 14 WEST COAST PORTS - SOUTH AMERICA
- 15 WEST COAST PORTS - EUROPE
- 16 WEST COAST PORTS - SOUTH AFRICA
- 17 WEST COAST PORTS - U.S.A. PORTS
- 18 EAST COAST PORTS - EASTERN U.S.A. PORTS
- 19 EAST COAST PORTS - AUSTRALIA
- 20 WEST COAST PORTS - INDIA

CANADA

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Selected Ships

A.T. CAMERON	CGBD	6	AN	MER	SL	P SL	C	OS3	A	TMS	1		
ARCADIA	GRFP	9	AN	MER	SL	P SL	C	OS3	A	TMS	1	29.0	
BAFFIN	CGCL	5,1	AN	MER	SL	P SL	BU	OS3	A	TMS	2		
BLUENOSE	VDND	6	AN	MER	SL	P SL	C		A	TMS	1	14.0	24.0
BRIDGEPOOL (U.K.)	GHYQ	10	AN	MER	SL	P SL	C	OS3		TMS	1	16.0	
CAMSELL	CGCW	8,13	AN	MER	SL	P SL	BU	OS3	A	TMS	3	10.0	
CANBERRA (U.K.)	GBVC	12	AN	MER	SL	P SL	C	OS3	A	TMS	7	34.0	48.0
CYGNUS	CGDC	6	AN	MER	SL	P SL	BU	OS3	A	TMS			
D'IBERVILLE	CGSM	5,6	AN	MER	SL	P SL	BU	OS3	A	TMS	3	12.0	24.0
DAWSON	CGBV	6	AN	MER	SL	P SL	BU	OS3	A	TMS	1	9.0	17.0
DERBYSHIRE (U.K.)	GQRH	12	AN	MER	SL	P SL	BU	OS3		TMS	1	14.0	
FRANK H. BROWN	VGTO	13	AN	MER	SL	P SL	BU	OS3		T		18.0	
GULF CANADA	CYCM	1	AN	MER	SL	P SL	BU	OS3		TMS	1	12.0	
H 1060	VGWT	1	AN	MER	SL	P SL	BU	OS3		TMS	1	20.0	
H 1070	VXZR	2	AN	MER	SL	P SL	BU	OS3		TMS	1	18.0	
H.R. MACMILLAN (U.K.)	ZCVX	15	AN	MER	SL	P SL	BU	OS3			1	21.0	
HUDSON	CGDG	5,1	AN	MER	SL	P SL	BU	OS3	A	TMS	2	13.0	
IBERIA (U.K.)	GBCN	10	AN	MER	SL	P SL	C	OS3		TMS	5	29.0	
IMPERIAL ACADIA	VGFP	6	AN	MER	SL	P SL	C	OS3	A	TMS	1	45.0	21.0
IMPERIAL BEDFORD	VYQJ	6	AN	MER	SL	P SL	C	OS3	A		1		27.0
IMPERIAL OTTAWA (BAHAMAS)	ZCVZ	12	AN	MER	SL	P SL	C	OS3	A	TMS	1		
IMPERIAL QUEBEC	VGYS	6	AN	MER	SL	P SL	C	OS3		TMS			
IMPERIAL ST.LAWRENCE (PANAMA)	HOOX	1	AN	MER	SL	P SL	C	OS3		TMS	1	14.0	
IRVINGSTREAM	CYNJ	1	AN	MER	SL	P SL	C	OS3		TMS	1		
IXIA (U.K.)	CPMA	15	AN	MER	SL	P SL	BU	OS3		TMS	1	19.0	
J.V CLYNE	ZCVY	17	AN	MER	SL	P SL	C	OS3			1	20.0	
JOHN A. MACDONALD	CGBK	5,6	AN	MER	SL	P SL	BU	OS3	A	TMS	3		
JOHN CABOT	CCD7	5,6	AN	MER	SL	P SL	BU	OS3		TMS	2		
KAPUSKASING	CGCK	6	AN	MER	SL	P SL	BU	OS3	A	TM	1	11.0	18.0

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LABRADOR	CGGM	5,6	AN	MER	SL	P SL	BU	OS3	A	TMS	3		
LIMNCS	CG23	7	AN	MER	SL	P SL	BU	OS3	A			10.0	
LOUIS S.ST.LAURENT	CGBN	5,6	AN	MER	SL	P SL	BU	OS3	A	TMS	1	14.0	
MARTIN KARLSEN	VOLK	7	AN	MER	SL	P SL	BU	OS3					
MONTCALM	CGBB	5,6	AN	MER	SL	P SL	BU	OS3	A	TMS	3	9.0	24.0
N.B. MCLEAN	CGSN	5,6	AN	MER	SL	P SL	BU	OS3	A	TMS	3	9.0	21.0
N.R. CRUMP (U.K.)	ZCBN	15	AN	MER	SL	P SL	C	OS3	HA		1	16.0	
NARWHAL	CGBP	5,6	AN	MER	SL	P SL	BU	OS3	A	TMS	1	9.0	
NEGO ANNE (NORWAY)	JXPQ	10	AN	MER	SL	P SL	BU	OS3		TMS	1	14.0	
NEGO VICTORIA (NORWAY)	JXXZ	10	AN	MER	SL	P SL					1	15.0	
NORMAN MOLEOD ROGERS		6	AN	MER	SL	P SL	BU	OS3	A		1	14.0	26.0
NORTHERN SHELL (BERMUDA)	ZFDF	1	AN	MER	SL	P SL	BU	OS3	HA	TMS	1	11.0	
ORIANA (U.K.)	GVSN	12	AN	MER	SL	P SL	C	OS3	HA	TMS	8	29.0	
PORTE DAUPHINE	CGYL	7	AN	MER	SL	P SL	BU	OS3	A	TM		6.0	10.0
QUEBEC	VCXL	6	AN	MER	SL	P SL	BU	OS3			1	10.0	
QUEEN OF PRINCE RUPERT	VGPZ	13	AN	MER	SL	P SL	C	OS3	HA	TMS	1	14.0	
SILVERCAPE (U.K.)	GWBA	17	AN	MER	SL	P SL	BU	OS3			1	17.0	
SIMON FRASER	CGSJ	6	AN	MER	SL	P SL	BU	OS3	A	TMS	1	8.0	21.0
SIR HUMPHREY GILBERT	CGGN	5,6	AN	MER	SL	P SL	BU	OS3	A	TMS	2		
SIR WILLIAM ALEXANDER	CGGF	5,6	AN	MER	SL	P SL	BU	OS3	A	TMS	2		
TEXADA (LIBERIA)	6ZUE	10	AN	MER	SL	P SL	BU	OS3	A		1		
THOMAS CARLETON	CGBL	6	AN	MER	SL	P SL	BU	OS3	A	TMS	1		
THOR I (NORWAY)	LLWZ	10	AN	MER	SL	P SL	C	OS	HA	TMS	1	16.0	
THORNSTREAM (NORWAY)	JXXP	3	AN	MER	SL	P SL	BU	OS3	HA	TMS	1	15.0	
THORSHOPE (NORWAY)	JWXO	3	AN	MER	SL	P SL	C	OS3	HA	TMS	1	11.0	
THORSRIVER (NORWAY)	JXBT	3	AN	MER	SL	P SL	C	OS3	HA	TMS	1	16.0	
WOLFE	CGCT	5,6	AN	MER	SL	P SL	BU	OS3	A	TMS	2		

Supplementary Ships

ALEXANDER MACKENZIE	CGCM	13	AN	MER	SL				HA	TMS			
ANNA BAKKE (NORWAY)	LHNK	10	AN	MER	SL					TMS	1	12.0	
ASTRID BAKKE (NORWAY)	LJDJ	10	AN	MER	SL					TMS	1	18.0	
BONNEVILLE (NORWAY)	LKFQ	10	AN	MER	SL			OS		TMS	1	12.0	

CANADA

BOUGAINVILLE (NORWAY)	LMSQ	10	AN	MER	SL		OS		TMS 1	13.0	
BRONXVILLE (NORWAY)	LFPM	10	AN	MER	SL		OS3		TMS 1	12.0	
EMERILLON (BERMUDA)	ZFDV	1	AN	MER	SL				TMS 1		
GOSFORTH	GHXA	2	AN	MER	SL				TM 1	15.0	
MAXWELL	CG2235	6	AN	MER	SL	BU		A	TM	6.0	12.0
PRINCESS OF ACADIA	VGFF99	6	AN	MER	SL	BU		HA	TM 1		
SUNNYVILLE (NORWAY)	LNQZ	10	AN	MER	SL	C	OS3		TMS 1	12.0	
WILLIAM CARSON	VLW	6	AN	MER	SL			A	TMS 1		

Auxiliary Ships

AASE NIELSEN	OWFJ	19									
ADAMAS	SVBH	11									
AETOLIA	SXZO	10									
AKBAR JAYANTI	VWSV	20									
ALASKA (LIBERIA)	5MAG	10	AN	MER	SL			A	TMS 1	17.0	
ALBANO	ELRR	1,7									
ALEX (NORWAY)	LMTS	2	AN	MER	SL			A	TMS 1	13.0	
ALEXANDER HENRY	CGBF	7	AN	MER	SL	BU	OS3	A	TMS	12.0	12.0
ALGO RAIL	VYNG	7	AN	MER	SL	BU		A		14.0	14.0
ALGOCEN	VGKM	7	AN	MER	SL	BU		A		17.0	18.0
ALIAKMON	ELVU	17									
ALIAKMON BREEZE	SVOD	7,10									
AMBROSE SHEA	VGDD	6	AN	MER	SL	BU		A	1	19.0	
ANDROMEDE	TKJS	6									
ANGELIC WINGS	SVNA	10									
ANGUS SHERWOOD		8	AN	MER							
ANNAMARIA KRUGER	DNCO	2,7									
ANTIGUA	6ZTH	11									
ARAMIS	JXTS	10									
ARISTOTELIS	SVUI	11									
ARTEMISION	6ZCS	10									
ATHELMONARCH	GGQW	2,7									

CANADA

ATLANTIC HELMSMAN	5LFG	11											
ATLANTIC HOPE	6ZHF	7,10											
ATLANTIC SKOA	OUTC	2,7											
ATLANTIC SPLENDOR	ZFOD	10											
AUD PRESTHUS	LAOX	7,10											
AXEL B.LORENTZEN	LLGF	10											
BAIE ST. PAUL	CYJW	7	AN	MER	SL		BU	A		TMS		14.0	
BANARIO (LIBERIA)	6ZTE	10	AN	MER	SL			A		TMS	1		
BANKSLAND	VGTP	8	AN	MER	SL			HA					
BAYNES	GYUJ	12											
BELBLUE	JXDH	10											
BELCARGO (NORWAY)	LHVV	10	AN	MER	SL						1	15.0	
BELITA	LDQH	15											
BELLAMI	JXRP	9											
BENERITA	9VOF	7,10											
BERND WESCH II (GERMANY)	DNNB	27	AN	MER	SL								
BETTINA	LLGO	10											
BILSTEIN (GERMANY)		27	AN	MER	SL								
BIRGET RAGNE	SLOR	2,7											
BLACK BAY	CYCP	7	AN	MER	SL		BU	A		TMS		12.0	
BONANZA	ELRF	10											
BRIS	LMTW	10											
BRITTA	LKEF	10											
BULK EXPLORER	JWLC	12											
BULK PIONEER	LMPZ	10											
CANADIAN CENTURY	VGWM	7	AN	MER	SL		BU	A				24.0	31.0
CANADIAN PROGRESS		7	AN	MER	SL		BU	A				27.0	36.0
CAPE FREELS	CGGG	6	AN	MER	SL		BU			TMS		8.0	
CAPE ROYAL	VC4825	6	AN	MER	SL								
CAPETAN PSARROS	SYOD	10											
CAPC NOLI	IBIQ	2,7											
CAPTAIN DEMOSTHENES	6ZGV	10											
CAROL LAKE	VYSZ	7	AN	MER	SL		BU	A		TMS		12.0	
CHAPEL RIVER	GJWJ	15											

CANADA

CHEBUCTO	CGDM	6	AN	MER	SL	BU	A		8.0	
CHEMICAL TRANSPORT		7	AN	MER	SL	BU	A		12.0	20.0
CLIFFORD J.RODGERS	GTMA	11								
COBEQUID BAY	CG2321	6	AN	MER	SL				2.0	
CONTINENTAL PIONEER	ELZZ	12	AN	MER	SL			1	3.0	
CONTINENTAL SHIPPER	ELSU	11								
COPO MISENO	ILUF	2,7								
DALILA	PPAX	1								
DYVI OCEANIC	KXHM	2								
E.E. PRINCE	CDGK	6	AN	MER	SL		A			
ELLEN BAKKE (NORWAY)	LDAA	10	AN	MER	SL			TMS 1	14.0	
EMMA BAKKE (NORWAY)	JXTK		AN	MER	SL			1	14.0	
ENDEAVOUR	CYWK	13	AN	MER	SL		OS A	1	11.0	
ENGLISH RIVER	CYLX	7	AN	MER	SL	BU	A	TMS	11.0	14.0
EPHESTOS	SVJS	10								
ERICH SCHREDER	DGKU	2,7								
EVA BRODIN	SMIK	15								
EVER LIFE	5MVN	20								
EVINA	JXWV	15								
EVINA	JXVE	10								
FAIR HEAD (U.K.)	MXGW	27	AN	MER	SL				12.0	
FERNGLEN	LLMA	12								
FJELLANGER	LCKX	15								
FORT WILLIAM	VDJL	7	AN	MER	SL	BU	A	TMS	12.0	
FRANK A. SHERMAN	VGZT	7	AN	MER	SL	BU	A	TMS	14.0	18.0
FRANK BRODERICK	VCYG	8	AN	MER	SL		HA			
FRENCH RIVER	VYYY	7	AN	MER	SL	BU	A	TMS	11.0	12.0
FRONTENAC	VGNB	7	AN	MER	SL	BU	A	TMS 2	0.0	
GAUSDAL	LCQF									
GENERAL AGUINALDO	DUIK	10								
GEORGE N. RAPALIOS	SWGX	10								
GEREMIA	IBRK	2,7								
GINA		12								
GOLDEN FLEECE	SVJO									

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CANADA

GORDON C.LEITCH	CYCT	7	AN	MER	SL	BU	A	TMS	14.0	
GRECIAN LIGHT	SYVC	10								
GU DRUN BAKKE (NORWAY)	JXBC	10	AN	MER	SL		OS	TMS 1	15.0	
GUPSUM PRINCE (U.K.)	GJYX	18	AN	MER	SL	C		TMS 1	14.0	
GYPSUM COUNTESS (U.K.)	CHZK	18	AN	MER	SL	C		TMS 1	12.0	
GYPSUM EMPRESS (U.K.)	GHZF	18	AN	MER	SL	C		TMS 1	14.0	
GYPSUM QUEEN (U.K.)	CHYY50	18	AN	MER	SL	C		TMS 1	14.0	
HARENGUS	CGGZ	6	AN	MER	SL	BU	OS3 A			
HARPAGUS	GWYQ									
HARPALYCUS	GWYT	20								
HAVKATT	JXFS	10								
HENDRIK FISSE	DCNF	12								
HILDA MARJANNE	VGGR	7	AN	MER	SL	BU	A	TMS	14.0	17.0
HOEGH MUSKETEER	LJVT	12								
HONG KONG HONOUR (LIBERIA)	6ZDR	10	AN	MER	SL			TMS 1	15.0	
HOPE CRAG	GMIL	10								
HOSANGER	JWZA	7,10								
IKAROS	SYFT	11								
INDUSTRIAL TRANSPORT		7	AN	MER	SL	BU	A		12.0	27.0
INVERLEITH (U.K.)	GHPP	10	AN	MER	SL		OS	TMS 1	15.0	
INVICTA	ELPG	10								
IONIAN LEADER	6ZXL	10								
IRIS	DLXL	2,7								
IRISH SYCAMORE	EITQ									
JAG ASHA	ATBO	10								
JAMES NORRIS	VDLC	7	AN	MER	SL	BU	A	TMS	14.0	17.0
JERSEY BRIDGE	GRRU	12								
JOANN	ELXX	10								
JOHN CRISTIAN SHULTE	DNBV	12								
KAITY	6ZIN	10								
KANANGOORA (SWEDEN)	SIHY	10	AN	MER	SL			1	15.0	
KHIAN SEA	SXEJ	7,10								
KHIAN ZEPHYR	SXWJ	11								
KING LEONIDAS	SYSC	12								

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CANADA

KING MINOS	SVLK	7,10											
KINGS REACH	GFZE	7,10											
KOHINUR	GLPU	10											
KOSTANTIS YEMELOS	SYBE	12											
KRISTIN BAKKE (NORWAY)	LATI	10	AN	MER	SL			HA		TMS 1	14.0		
KYVERNISIS	SVTG	15											
LA MAREA	GBBU	10											
LADY FRANCINE	VC4682	6	AN	MER	SL								
LAKE MANITOBA	VGJV	7	AN	MER	SL	BU		A			14.0		
LAKE WINNIPEG	VCKN	7	AN	MER	SL	BU		A		TMS	12.0		
LEONIDAS VOYAZIDES	SLPF	12											
LEONIDAS Z CAMBANIS	SYOA	10											
LISANA	ELNL	11											
LLOYD BAKKE (NORWAY)	JXDP	10	AN	MER	SL	C				TMS 1	14.0		
LONDON PRESTIGE	GRTZ	10											
LORD BYRON	GVZC	10	AN	MER	SL					1	15.0		
LYEMEN	VRAX	12											
MAIHAR	GSCL	10											
MAKEFJELL	TXDW	2,7											
MALMANGER	LNWA	17											
MANGAN	DANM	11											
MANITOULIN	VGQS	7	AN	MER	SL	BU		A		TMS	14.0	24.0	
MARE PLACIDO	ICHI	10											
MARIEL	SYHW	9											
MARIETTA E.	5MKO	10											
MARITIME PIONEER (PANAMA)	HDQ1	11											
MARTHA BAKKE (NORWAY)	JXKK	10	AN	MER	SL					TMS 1	14.0		
MARTHA ENDEVOUR	ZIPA	12											
MAXIM (LIBERIAN)	6ZKZ	10	AN	MER	SL					TMS 1	17.0		
MEGALOHARI 11	SYHJ	10											
MEKAMBO	FNKL	15											
MENIHEK LAKE	VYTH	7	AN	MER	SL	BU		A		TMS	14.0		
MICA	LHUR	19	AN	MER	SL					TMS 1	12.0		

CANADA

MINA L.GAMBANIS	SVWR	10									
MONITOR		7	AN	MER	SL	BU	HA	1	2.0		
MONITOR 111		7	AN	MER	SL	BU			5.0		
MONSUN											
MONTCALM (BERMUDA)	ZCBE	2	AN	MER	SL			1	12.0		
MONTE ZORAYA	EAJC	12									
MURRY BAY	VCFW	7	AN	MER	SL	BU	A	TMS	14.0		
NEPTUNE	6ZVW	15									
NEW ADVENTURE	6ZVO	10									
NILOS	5MUG	11									
NORTH BREEZE	VRW	15									
NORTHERN VENTURE	VGGP	7	AN	MER	SL	BU	A	TMS	14.0	18.0	
NOTOS	LACX	2,7									
NURJEHAN	MFUC	10									
OCEAN PEGASUS	SVID	10									
OCEANIA	5LAE	10									
OLIMPIA FAITH	ELGA	10									
OLYMPIC PRIDE	6ZWT	15									
OLYMPIC STORM	ELKA	1									
ONTARIO POWER	VGXW	7	AN	MER	SL	BU	A	TMS	18.0		
ORIENTAL DAISY	ELQT	10									
OSSIAN	DIAP	7,10									
OTTERCLIFFE HALL	VCPT	7	AN	MER	SL	BU	A		17.0	24.0	
PACIFIC VICTORY	5MMF	10									
PAPHIAN	5BDI	12									
PATHFINDER		7	AN	MER	SL	BU			3.0		
PATRICK MORRIS	VOGM	6	AN	MER	SL			TMS 1			
PEARL ISLAND	5MZV	10									
PELICAN		7	AN	MER	SL	BU	HA		2.0		
PENTAS	SYOT	10									
PINA	9HBX	10									
PINABOG		8	AN	MER	SL		HA				
POLYDOROS	SZOS	10									
PROCYON (GREECE)	SWBT	12	AN	MER	SL			1	15.0		

CANADA

QUETICO	CYJJ	7	AN	MER	SL	BU	A		14.0	17.0
R.BRUCE ANGUS	VDZR	7	AN	MER	SL	BU	A	TMS	14.0	
RACHEL	ELRX	10								
RAGNA BAKKE (NORWAY)	JXPL	10	AN	MER	SL			TMS 1	14.0	
RAGNHILD	OVOV	7,10								
RED WING	VYFL	7	AN	MER	SL	BU	A	TMS	14.0	18.0
RESPLENDENT	6ZRE	10								
RHEIN (GERMANY)	DGIR	2	AN	MER	SL			1	13.0	
RICHELIEU	VGJC	7	AN	MER	SL	BU	A	TMS	14.0	21.0
RIMOUSKI	VOPK	7	AN	MER	SL	BU	A	TMS	14.0	
ROY A. JODREY	VCPV	7	AN	MER	SL	BU	A	TMS	12.0	18.0
SAGA SWORD (NORWAY)	LHIH	10	AN	MER	SL			1	17.0	
SAGUENAY	VGWX	7	AN	MER	SL	BU	A	TMS	21.0	
SAILOR KHAN	SZRY	7,10								
SANDE FJORD	LNWH	11								
SANTA ALICIA	SZII	10								
SANTA CRUZ	GZNO	12								
SARPAGUS	GWYQ									
SCOTSOARK	GZLE	11								
SEAWAY QUEEN	VDDL	7	AN	MER	SL	BU	A	TMS	12.0	18.0
SHAMALY	9KCC	11								
SHEDIAC BAY	CG2135	6	AN	MER	SL	BU			12.0	
SHERWOOD	GXDJ	2,7								
SILVERCOVE (U.K.)	GUFY	10	AN	MER	SL			TMS 1	17.0	
SIMANDOU (GUINEA)	3XGA	10	AN	MER	SL			TMS 1	18.0	
SIMCOE	CGSQ	7	AN	MER	SL	BU	A	TMS	7.0	
SIMCOE	VDDP	7	AN	MER	SL	BU	A	TMS	15.0	18.0
SIR DENYS LOWSON	VCQJ	7	AN	MER	SL	BU	A	TMS	12.0	23.0
SIR JAMES DUNN	VDMV	7	AN	MER	SL	BU	A	TMS	12.0	
SJOHOLT	LNRO	11								
SKYLARK	5MQS	10								
SOMAN BISCAYA	<c00>O									
SPEYBANK	GHRM	9								
SPUME	CG2240	7	AN	MER	SL	BU	A		5.0	

CANADA

STAD ANTWERPEN	ONAA	10											
STAD GENT	ONGG	14											
STADACONA	CYDT	7	AN	MER	SL	BU		A		TMS			
STAR CLIPPER	LCPU	15											
STAR COLUMBIA	JWUA	9											
STAR TARO	LAEA	10											
STOVE CALEDONIA	LIMC	9											
STOVE SCOTIA	JWON	10											
STOVE TRADITION	LDTO	14											
T.R. MCLAGAN	VCTR	7	AN	MER	SL	BU		A		TMS	14.0	18.0	
TADOUSSAC		7	AN	MER	SL	BU		A			18.0	27.0	
TARANTAU	VOXQ	7	AN	MER	SL	BU		A		TMS	14.0		
TARIQ	TTCD	3											
TEXACO BRASIL	LAMK	2,7											
THERON	VGWW	6											
TREIS IERARCHAI	SZOP	15											
TROPICAL VENEER	6ZWD	2,7											
TUSKET RIVER	VC5699	6	AN	MER	SL	BU		A					
ULYSSES	SYFB	2,7											
UNION FRIENDSHIP	ELZF	12											
URANUS	DJDC												
VECTOR	CGBW	13	AN	MER	SL	BU	OS3	A			8.0		
WALTER E. FOSTER	CGCJ	6	AN	MER	SL	BU	OS3	A		TM 1			
WEARFIELD	GNJE	2,7											
WHEAT KING	VDJS	7	AN	MER	SL	BU				TMS	14.0		
WORCESTERSHIRE	GQSA	10	AN	MER	SL					1	14.0		
WORLD FUJI	ZEKU	10											
WORLD NAUTILUS	6ZYN	11											
WORLD PELAGIC	5LAG	10											
YANKCANUCK	CYJT	7	AN	MER	SL	BU		A		TMS	11.0		
ZINNA	GYZT	2											

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CHILIE

- 1 VALPARAISO - NEW YORK, WEST COAST OF NORTH AMERICA AND THE COASTS OF EUROPE
- 2 VALPARAISO AND THE CHILEAN COAST
- 3 VALPARAISO TO THE COASTS OF BRAZIL, ARGENTINA AND PERU. ALSO MISCELLANEOUS COURSES
- 4 VALPARAISO, THE COAST OF CHILE AND MISCELLANEOUS COURSES
- 5 THE COAST OF CHILE AND MISCELLANEOUS COURSES
- 6 VALPARAISO AND THE CHILEAN COAST

CHILIE

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Selected Ships

ACAPULCO	CBAP	3	AN	MER	VS	P	VS	C	SS	TMS	2
ACONCAGUA	CBBA	1	AN	MER	VS	P	VS	C	SS	TMS	2
ALLIPEN	CBAL	3	AN	MER	VS	P	VS	C	SS	TMS	2
ANDALIEN	CBAR	1	AN	MER	VS	P	VS	C	SS	TMS	2
ANGOL	CBAI	3	AN	MER	VS	P	VS	C	SS	TMS	2
ANGELMO	CBAK	2	AN	MER	VS	P	VS	C	SS	TMS	2
ANTOFAGASTA	CBAT	2	AN	MER	VS	P	VS	C	SS	TMS	2
ARINIHUE			AN	MER	VS	P	VS	C	SS	TMS	2
CABO DE HORNOS	CBCH	2	AN	MER	VS	P	VS	C	SS	TMS	2
CARMEN	CBCH	5	AN	MER	VS	P	VS	C	SS	TMS	2
CONCEPCION	CBCC	2	AN	MER	VS	P	VS	C	SS	TMS	2
COPERNICO	CBCO	3	AN	MER	VS	P	VS	C	SS	TMS	2
COPIAPO	CBCI	1	AN	MER	VS	P	VS	C	SS	TMS	2
COQUIMBO	CBCB	2	AN	MER	VS	P	VS	C	SS	TMS	2
DONA ISIDORA		2	AN	MER	VS	P	VS	C	SS	TMS	2
ELQUI	CBEL	2	AN	MER	VS	P	VS	C	SS	TMS	2
GLORIA	CBCI	5	AN	MER	VS	P	VS	C	SS	TMS	2
ILLAPEL	CBIL	2	AN	MER	VS	P	VS	C	SS	TMS	2
IMPERIAL	CBIP	1	AN	MER	VS	P	VS	C	SS	TMS	2
ISABELA	CBIS	5	AN	MER	VS	P	VS	C		TMS	1
LAJA		1	AN	MER	VS	P	VS	C		TMS	1
LAGO CARRERA	CBLC	2	AN	MER	VS	P	VS	C		TMS	1
LEBU	CBLU	1	AN	MER	VS	P	VS	C	SS	TMS	2
LIMARI		1	AN	MER	VS	P	VS	C	SS	TMS	2
LLANQUIHUE		4	AN	MER	VS	P	VS	C	SS	TMS	2
LOA		1	AN	MER	VS	P	VS	C	SS	TMS	2
LONGAVI		1	AN	MER	VS	P	VS	C	SS	TMS	2
MAGALLANES	CBMG	2	AN	MER	VS	P	VS	C	SS	TMS	2
MAIPO	CBMP	1	AN	MER	VS	P	VS	C	SS	TMS	2
MATIAS COUSINO		2	AN	MER	VS	P	VS	C	SS	TMS	2

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CHILIE

NAVARINO	CBNB	2	AN	MER	VS	P	VS	C	SS	TMS	2
PUNTA ARENAS	CBTA	2	AN	MER	VS	P	VS	C	SS	TMS	2
PUYEHUE		4	AN	MER	VS	P	VS	C	SS	TMS	2
TOCOPILLA	CBTP	2	AN	MER	VS	P	VS	C	SS	TMS	2
VALDIVIA	CBVA	2	AN	MER	VS	P	VS	C		TMS	1

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CHINA

- 1 TAIWAN-INDIAN OCEAN
- 2 TAIWAN-JAPAN-U.S.A.
- 3 TAIWAN-JAPAN-S.E. ASIA
- 4 TAIWAN-JAPAN
- 5 CARIBBEAN SEA, ATLANTIC AND PACIFIC OCEAN
- 6 TRANSPACIFIC-FAR EAST-U.S. EAST COAST
- 7 PACIFIC-INDIAN OCEAN
- 8 NO FIXED ROUTE

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CHINA

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Supplementary Ships

CHEN CHANG	BICO	4	AN	MER	VS	P VS	C	OS		M&S	2	11.0
CHEN CHENG	BIDN	8	AN	MER	VS	P VS	C			MS	2	10.0
CHEN FONG	BICJ	4	AN	MER	S	P	C	SS	ST	MS	2	15.0
EASTERN MARINER	BKAR	7	AN	MER						TMS	3	14.0
HAI CHIEN	BFHK	2	AN	MER	S	P S	C			TMS	2	12.0
HAI HSIN	BFHJ	2	AN	MER	S	P S	C			TMS	2	12.0
HAI KWANG	BHAW	1	AN	MER	A	P A	C	SS	A	TMS	3	12.0
HAI LI	BFHL	4	AN	MER	S	P S	C			MS	2	9.0
HAI MIN	BFHV	2	AN	MER	VS	P VS	C	SS	ST	TMS	2	10.0
HAI OU	BHFE	3	AN	MER	S	P S	C			MS	3	8.0
HAI OU	BFHE	3	AN	MER	S	P S	C			MS	3	8.0
HAI TAI	BFHD	3	AN	MER	S	P S	C			MS	2	10.0
HAI YA	BFHA	3	AN	MER	S	P S	C			MS	2	8.0
HAI YI	BFHI	4	AN	MER	S	P S	C			MS	2	9.0
LOYAL ECHOS	BLFA	1	AN	MER	SL		C			MS	2	10.0
SIAN YUNG	BMDO	6	AN	MER	SL	P	C	SS	R	TMS	2	15.0
TAI CHUNG	BHEP	2	AN	MER	VS	P VS	C	SS		TMS	2	14.0
TAI HSING	BHET	2	AN	MER	US		C			MS	2	15.0
TAI LUNG	BHEN	2	AN	MER	VS		C	OS	HA	M&S	2	16.0
TAI SHOU	BHEX	2	AN	MER	VS	H VS	C	OS		TMS	2	4.0
UNION CONCORD	BKBC	5	AN	MER	S		C	SS		TMS	2	12.0
UNION EAST	BKDC	5	AN	MER	S		C	SS		TMS	2	13.0
UNION ENTERPRISE	BKBD	5	AN	MER	S		C	SS		TMS	2	12.0
VOO SHEE	BHBA	1	AN	MER	S	P S	C			TMS	3	14.0

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DENMARK

- 1 COPENHAGEN - FAROES
- 2 COPENHAGEN - GREENLAND
- 3 COPENHAGEN - FAROES, ICELAND
- 4 NORTH SEA
- 5 NORTH SEA - NORTH AND SOUTH AMERICA
- 6 NORTH SEA - MEDITERRANEAN
- 7 NORTH SEA - CARIBBEAN WATERS
- 8 NORTH SEA - NORTH ATLANTIC OCEAN
- 9 NORTH SEA - GREENLAND AND ANTARTIC
- 10 GREENLAND WATERS
- 11 NORTH SEA - FAR EAST
- 12 NORTH SEA - AUSTRALIA, NEW ZEALAND
- 13 MEDITERRANEAN - GULF OF MEXICO
- 14 AROUND THE WORLD

DENMARK

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ANDORRA	OZJY	14	AN	MER	SL	P	SL	BU	SS	TMS	1	20.0
ANNA JOHANNE	OUPO	2	AN	MER	SL	P	SL	BU	SS	TMS	1	11.0
ANNA NIELSEN	OYHI	2	AN	MER	SL	P	SL	BU	SS	TMS	1	9.0
ATREVIDA	OVRZ	12	AN	MER	SL	P	SL	BU	SS	TMS	1	20.0
BELLONA	OYIH	4	AN	MER	SL	P	SL	BU	SS	T	1	9.0
BLENDIA	OUIH	4	AN	MER	SL	P	SL	BU	SS	TMS	1	10.0
BOMA	OWUE	11	AN	MER	SL	P	SL	BU	SS	TMS	1	16.0
DANMARK	OXDK	8	AN	MER	SL	P	SL	BU	SS	TMS	1	6.0
DISKO	OVQW	10	AN	MER	SL	P	SL	BU	SS	TMS	1	11.0
EDITH NIELSEN	OZHQ	2	AN	MER	SL	P	SL	BU	SS	TMS	1	13.0
ENGLAND	OZJV	7	AN	MER	SL	P	SL	BU	SS	TMS	2	15.0
ERIKA DAN	OXDY	2	AN	MER	SL	P	SL	BU	SS	TMS	1	12.0
FICARIA	OYET	4	AN	MER	SL	P	SL	BU	SS	TMS	1	12.0
FREESIA	OZOE	6	AN	MER	SL	P	SL	BU	SS	TMS	1	12.0
FRICA DAN	OUSY	2	AN	MER	SL	P	SL	BU	SS	TMS	1	12.0
GRONLAND	OZLZ	2	AN	MER	SL	P	SL	BU	SS	TMS	1	12.0
KRONPRINS FREDERIK	OZHW	3	AN	MER	SL	P	SL	BU	SS	TMS	2	12.0
KUNUNGUAK	OONU	10	AN	MER	SL	P	SL	BU	SS	TMS	1	11.0
LABRADOR	OVJO	5	AN	MER	SL	P	SL	BU	SS	TMS	1	16.0
MAGGA DAN	OXVW	2	AN	MER	SL	P	SL	BU	SS	TMS	1	12.0
MAGNOLIA	OZES	6	AN	MER	SL	P	SL	BU	SS	TMS	1	12.0
MAYUMBE	OUKA	2	AN	MER	SL	P	SL	BU	SS	TMS	1	13.0
MISSOURI	OXXJ	8	AN	MER	SL	P	SL	BU	SS	TMS	1	16.0
NANOK S	OZKJ	2	AN	MER	SL	P	SL	BU	SS	TMS	1	12.0
NEBRASKA	OWFQ	5	AN	MER	SL	P	SL	BU	SS	TMS	1	16.0
NELLA DAN	OZKC	2	AN	MER	SL	P	SL	BU	SS	TMS	1	12.0
OKLAHOMA	OUPN	16	AN	MER	SL	P	SL	BU	SS	TMS	1	13.0
ONTARIO	OVIK	5	AN	MER	SL	P	SL	BU	SS	TMS	1	16.0
PERLA DAN	OWQI	9	AN	MER	SL	P	SL	BU	SS	TMS	1	11.0
PETUNIA	OXGB	8	AN	MER	SL	P	SL	BU	SS	TMS	1	12.0
PRIMULA	OYMR	4	AN	MER	SL	P	SL	BU	SS	TMS	1	12.0
PRINSESSEN	OWIQ	4	AN	MER	SL	P	SL	BU	SS	TMS	2	11.0
SOMERSET	OZSX	4	AN	MER	SL	P	SL	BU	SS	TMS	1	12.0
STAFFORD	OZUJ	4	AN	MER	SL	P	SL	BU	SS	TMS	1	12.0

DENMARK

SURREY	CVTY	4	AN	MER	SL	P SL	BU	SS	TMS 1	16.0
THALA DAN	CWRX	9	AN	MER	SL	P SL	BU	SS	TMS 1	12.0
VARLA DAN	CYFA	2	AN	MER	SL	P SL	BU	SS	TMS 1	12.0

Supplementary Ships

BLIKUR	XPXB	1	AN	MER	SL		BU		T 1 0	7.0
BRITANNIA	CYIL	2	AN	MER	SL		BU		T 1	8.0
CHRISTIAN HOLM	XPRK	1	AN	MER	SL		BU		T 1	6.0
DANA	OYTJ	4	AN	MER	SL		BU		TMS 1	4.0
GERDA RARBERG	OZRG	1	AN	MER	SL		BU		T 1	6.0
IRLAND	OYPA	10	AN	MER	SL		BU		TMS 1	8.0
NOROVIKINGUR	XPPT	1	AN	MER	SL		BU		T 1	6.0
SNOWMAN	OVPE	2	AN	MER	SL		BU		T 1	6.0
SUFFOLK	OZRB	4	AN	MER	SL		BU		T 1	12.0
SVENDBORG	OWPE	2	AN	MER	SL		BU		T 1	10.0

Auxiliary Ships

ANNETTE S	OWGU	10	AN	MER	US		BU		T 1	7.0
ASTRID RARBERG	OUVO	10	AN	MER	US		BU		T 1	6.0
ELIN S	OWAT	10	AN	MER	US		BU		T 1	6.0
MARIUS NIELSEN	OYZD	2	AN	MER	US		BU		TMS 1	9.0
NARSSAK	OYUA	10	AN	MER	US		BU		T 1	3.0
SIGYN	OZRE	10	AN	MER	US		BU		T 1	4.0

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FINLAND

- 1 BALTIC SEA
- 2 EUROPE - U.S.A.

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FINLAND

2

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Selected Ships

MS FINLANDIA	OGTA	1	AN	MER	W	P	W	BU	TMS	2	
MS FINNMAID	OGQK	2	AN	MER	W	P	W	BU	TMS	1	
MT PURHA	OGVB	1	AN	MER	W	P	W	BU	TMS	1	21.0

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FRANCE

- 1 TRANS MANCHE
- 2 BAYONNE - EUROPE DU NORD
- 3 MANCHE - ATLANTIQUE - AFRIQUE DU NORD
- 4 MARSEILLE - AFRIQUE DU NORD
- 5 MARSEILLE - CORSE
- 6 FRANCE - MEDITERRANEE ORIENTALE
- 7 EUROPE DU NORD - C.O.A.
- 8 MARSEILLE - C.O.A.
- 9 EUROPE - AFRIQUE DU SUD
- 10 MANCHE - AMERIQUE DU NORD
- 11 MANCHE - ANTILLES - NORD AMERIQUE DU SUD
- 12 MARSEILLE - ANTILLES
- 13 EUROPE DU NORD - AMERIQUE DU SUD
- 14 MARSEILLE - AMERIQUE DU SUD
- 15 FRANCE - PACIFIQUE NORD VIA PANAMA
- 16 EUROPE - OCEANIE VIA PANAMA
- 17 EUROPE - OCEAN INDIEN
- 18 EUROPE - GOLFE PERSIQUE
- 19 EUROPE - OCEAN INDIEN - OCEANIE
- 20 EUROPE - EXTREME ORIENT
- 21 FRANCE - OCEAN AUSTRAL
- 22 RECHERCHES SCIENTIFIQUES
- 23 TRAMPING
- 24 MARSEILLE - AMERIQUE NORD-EST
- 25 MEDITERRANEE - COA

FRANCE

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Selected Ships

ABLON	FNTL	13	AN	MER	W	P W	C	CS	HA	TMS 1	16.0	17.0
AMBOISE	FNHE	18	AN	MER	W	P W	C	CS	HA	TMS 1	17.0	18.0
ANCERVILLE	FNLE	8	AN	MER	W	P W	C	CS	HA	TMS 3	19.0	20.0
ANJOU	FNVM	13	AN	MER	W	P W	C	SS	HA	TMS 1	18.0	19.0
ANTILLES	FNWR	11	AN	MER	W	P W	C	SS	HA	TMS 4	17.0	18.0
ARGENTAN	FPRI	25	AN	MER	W	P W	C	CS	HA	TMS 1	12.0	13.0
ARZON	FOFZ	13	AN	MER	W	P W	C	CS	HA	TMS 1	15.0	16.0
AUVERGNE	FNVK	13	AN	MER	W	P W	C	SS	HA	TMS 1	18.0	19.0
AVENIR	FNSB	4	AN	MER	W	P W	C	CS	HA	TMS 2	12.0	13.0
AZAY LE RIDEAU	FNMV	6	AN	MER	W	P W	C	CS	HA	TMS 1	17.0	18.0
BERENICE	FNWV	23	AN	MER	W	P W	C	CS	HA	TMS 1	14.0	15.0
BETHSABEE	FOBQ	6	AN	MER	W	P W	C	CS	HA	TMS 1	14.0	15.0
BIAFRA	FNOE	23	AN	MER	W	P W	C	SS	HA	TMS 1	12.0	13.0
CALEDONIEN	FOCI	16	AN	MER	W	P W	C	CS	HA	TMS 2	15.0	16.0
CARAIBE	FNUQ	11	AN	MER	W	P W	C	SS	HA	TMS 1	14.0	15.0
CARBET	FNRL	11	AN	MER	W	P W	C	SS	HA	TMS 1	14.0	15.0
CARIMARE	FNRM	11	AN	MER	W	P W	C	SS	HA	TMS 1	14.0	15.0
CETRA COLUMBA	FNTB	23	AN	MER	S	P W	C	CS	A	TMS 1	24.0	36.0
CHEVERNY	FOTL	6	AN	MER	W	P W	C	CS	HA	TMS 1	16.0	17.0
CHICAGO	FNCT	11	AN	MER	W	P W	C	CS	HA	TMS 1	15.0	16.0
CLEVELAND	FNCU	15	AN	MER	W	P W	C	CS	HA	TMS 1	15.0	16.0
COLMAR	FPRN	25	AN	MER	W	P W	C	CS	HA	TMS 1	12.0	13.0
COMPIEGNE	FNAX	1	AN	MER	W	P W	C	SS	HA	TMS 2	14.0	15.0
COMPTE DE NICE	FNRU	4,5	AN	MER	W	P W	C	CS	HA	TM 2	15.0	16.0
CORSE	FNRT	4,5	AN	MER	W	P W	C	CS	HA	TM 2	15.0	16.0
CROIX DU SUD	FNHM	23	AN	MER	W	P W	C	CS	HAT	MSU 1	16.0	17.0
DALILA	FOKN	23	AN	MER	W	P W	C	CS	HA	TMS 1	18.0	19.0
DALOA	FPYX	7	AN	MER	W	P W	C	SS	HA	TMS 1	15.0	16.0
DE BAIF	FOHF	6	AN	MER	W	P W	C	SS	HA	TMS 1	17.0	18.0
DESIRADE	FPYM	11	AN	MER	W	P W	C	CS	HA	TMS 1	15.0	16.0
DJUNGO	FOUO	7	AN	MER	W	P W	C	SS	HA	TMS 1	14.0	15.0

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FRANCE

DJURDJURA	FCNM	3	AN	MER	W	P	W	C	CS	HA	TMS	1	14.0	15.0
DOLABELLA	FNPO	23	AN	MER	W	P	W	C	SS	AHA	TMS	1	18.0	19.0
ESMERALDA	FCSB	18	AN	MER	W	P	W	C	SS	AHA	TMS	1	16.0	17.0
ESSO ALSACE	FNGW	18	AN	MER	W	P	W	C	SS	AHA	TMS	1	16.0	17.0
ESTEREL	FTQS	5	AN	MER	W	P	W	C	CS	AHA	T	0	14.0	15.0
EUPHRATE	FOKO	20	AN	MER	W	P	W	C	SS	AHA	TMS	1	14.0	15.0
FABIOLA	FNEP	6	AN	MER	W	P	W	C	SS	AHA	TMS	1	17.0	18.0
FAUSTA	FNIO	18	AN	MER	W	P	W	C	SS	AHA	TMS	1	17.0	18.0
FORT CREVECCEUR	FNHY	11	AN	MER	W	P	W	C	SS	AHA	TMS	1	14.0	15.0
FORT D'ORLEANS	FNHW	11	AN	MER	W	P	W	C	SS	AHA	TMS	1	12.0	13.0
FORT DE FRANCE	FNHV	11	AN	MER	W	P	W	C	SS	AHA	TMS	1	12.0	13.0
FORT FLEUR O'EPEE	FNHU	11	AN	MER	W	P	W	C	SS	AHA	TMS	1	14.0	15.0
FORT FRONTENAC	FOXE	11	AN	MER	W	P	W	C	SS	AHA	TMS	1	12.0	13.0
FORT JOSEPHINE	FNMG	11	AN	MER	W	P	W	C	CS	AHA	TMS	1	12.0	13.0
FORT LA REINE	FNXJ	11	AN	MER	W	P	W	C	SS	HA	TMS	1	19.0	20.0
FORT NIAGARA	FOXI	11	AN	MER	W	P	W	C	SS	AHA	TMS	1	12.0	13.0
FORT PONCHARTRAIN	FNXB	11	AN	MER	W	P	W	C	CS	HA	MS	1	17.0	18.0
FORT TRINITE	FNMH	11	AN	MER	W	P	W	C	CS	AHA	MS	1	14.0	15.0
FRANCE	FNRR	10	AN	MER	W	P	W	C	SS	AHA	MS	7	25.0	52.0
FRED SCAMARONI	FNOC	5	AN	MER	W	P	W	C	CS	HA	TM	1	15.0	16.0
GALLIENI	FOHW	21	AN	MER	W	P	W	C	CS	AHA	TMS	1	12.0	13.0
GANGE	FOHN	17	AN	MER	W	P	W	C	CS	HA	TMS	1	14.0	15.0
GODAVERY	FOMG	20	AN	MER	W	P	W	C	SS	HA	TMS	1	12.0	13.0
GUADELOUPE	FPYL	11	AN	MER	W	P	W	C	CS	HA	TMS	1	15.0	16.0
GUYANE	FNQR	11	AN	MER	W	P	W	C	SS	HA	TMS	1	16.0	17.0
GWENOLA	FNSF	18	AN	MER	W	P	W	C	CS	HA	TMS	1	17.0	18.0
HAMMAMET (TUNISIE)	3VAG	4	AN	MER	W	P	W	C	CS	HA	T		9.0	10.0
ILE DE LA REUNION	FNQV	17	AN	MER	W	P	W	C	CS	HA	TMS	1	16.0	17.0
ILE MAURICE	FNQW	17	AN	MER	W	P	W	C	CS	HA	TMS	1	16.0	17.0
INDUS	FNJM	17	AN	MER	W	P	W	C	CS	HA	MS	1	14.0	15.0
ISANDA	FOJS	18	AN	MER	W	P	W	C	CS	HA	TMS	1	14.0	15.0
ISIDORA	FOJY	18	AN	MER	W	P	W	C	CS	HA	TMS	1	17.0	18.0
ISOCARDIA	FOJZ	18	AN	MER	W	P	W	C	SS	HA	TMS	1	16.0	17.0
ISOMERIA	FOKC	18	AN	MER	W	P	W	C	CS	HA	TMS	1	13.0	14.0

FRANCE

JACQUES CARTIER	FNSZ	23	AN	MER	W	P W	C	CS	HA		TMS 1	23.0	28.0
JEAN CHARCOT	FNZY	22	AN	MER	W	P W	C	CS	AHA MAX MIN RG ST		TMS 1	14.0	15.0
JEAN LABORDE	FOEO	17	AN	MER	W	P W	C	CS	HA		TMS 2	19.0	20.0
JOLIETTE	FOBE	12	AN	MER	W	P W	C	CS	HA		TMS 1	10.0	11.0
JULES BERTHIERE	THCO	2	AN	MER	W	P W	C	SS	HA		T 0	6.0	7.0
KADOURA	FNWS	7	AN	MER	W	P W	C	SS	HA		TMS 1	14.0	15.0
KAIROUAN	FNSV	4	AN	MER	W	P W	C	CS	HA		TM 2	17.0	18.0
KARUKERA	FNMI	11	AN	MER	W	P W	C	CS	HA		TMS 1	14.0	15.0
KOUANG SI	FOWA	17	AN	MER	W	P W	C	CS	HA		MS 1	15.0	16.0
LA CCUBRE	FOFG	11	AN	MER	W	P W	C	CS	HA		TMS 1	14.0	15.0
LA HAGUE	FPUO	11	AN	MER	W	P W	C	SS	HA		TMS 1	14.0	15.0
LA HEVE	FPUP	11	AN	MER	W	P W	C	SS	HA		TMS 1	14.0	15.0
LAOS	FOES	20	AN	MER	W	P W	C	CS	HA		TMS 2	19.0	20.0
LEOPARD	FNWY	1	AN	MER	W	P W	C	SS	HA		TMS 2	12.0	13.0
LOIRE	FNCQ	18	AN	MER	W	P W	C	CS	HA		TMS 1	18.0	19.0
LONGCHAMP	FOXQ	3	AN	MER	W	P W	C	CS	HA		TMS 1	14.0	15.0
LONGWY	FNCW	23	AN	MER	W	P W	C	SS	HA		TMS 1	17.0	18.0
LOUDIMA	FOIJ	7	AN	MER	W	P W	C	SS	HA		TMS 1	15.0	16.0
LOULEA	FNTR	7	AN	MER	W	P W	C	CS	HA		TMS 1	14.0	15.0
LUCHON	FNTR	14	AN	MER	W	P W	C	CS	HA		TMS 1	16.0	17.0
MAGDALA	FNVH	18	AN	MER	W	P W	C	CS	ANA		TMS 1	30.0	31.0
MALAIS	FNGD	16	AN	MER	W	P W	C	CS	HA		TMS 1	15.0	16.0
MAORI	FNDF	16	AN	MER	W	P W	C	SS	HA		TMS 1	16.0	17.0
MARCEL BAYARD	FNJK	23	AN	MER	W	P W	C	SS	HA		TMS 1	12.0	13.0
MARQUISIEN	FNDI	16	AN	MER	W	P W	C	CS	HA		TMS 1	15.0	16.0
MARTINIQUE	FPYK	11	AN	MER	W	P W	C	SS	HA		TMS 1	15.0	16.0
MARYLAND	FNAI	15	AN	MER	W	P W	C	SS	HA		TMS 1	15.0	16.0
MAURICE DELMAS	FNMQ	9	AN	MER	W	P W	C	CS	HA		TMS 1	14.0	15.0
MAURICIEN	FNDJ	16	AN	MER	W	P W	C	SS	HA		TMS 1	16.0	17.0
MEDITERRANEE	FNER	4	AN	MER	W	P W	C	CS	HA		TMS 2	14.0	15.0
MICHIGAN	FNAJ	15	AN	MER	W	P W	C	SS	HA		TMS 1	15.0	16.0
MIRALDA	FNYS	18	AN	MER	W	P W	C	CS	AHA		TMS 1	32.0	33.0

FRANCE

MISSISSIPI	FNAK	15	AN	MER	W	P	W	C	SS	HA	TMS	1	15.0	16.0
MONCEAU	FNCE	3	AN	MER	W	P	W	C	CS	HA	TMS	1	14.0	15.0
MONT AIGOUAL	FNLY	12	AN	MER	W	P	W	C	CS	HA	TMS	1	14.0	15.0
MONT BLANC	FNKX	12	AN	MER	W	P	W	C	CS	HA	TMS	1	15.0	16.0
MONT CENIS	FNLA	12	AN	MER	W	P	W	C	CS	HA	TMS	1	16.0	17.0
MONT JOLY	FNMS	12	AN	MER	W	P	W	C	CS	HA	TMS	1	11.0	12.0
MUNGO	FNGI	11	AN	MER	W	P	W	C	SS	HA	TMS	1	15.0	16.0
NAPOLEON	FNCZ	5	AN	MER	W	P	W	C	CS	HA	TM	1	17.0	18.0
NOSSI BE	FNQN	17	AN	MER	W	P	W	C	SS	HA	TMS	1	16.0	17.0
NOSSI BE	FCSN	6	AN	MER	W	P	W	C	SS	HA	TMS	1	12.0	13.0
NYOMBE	FNIV	7	AN	MER	W	P	W	C	SS	HA	TMS	1	14.0	15.0
OYANNAX	FNCM	9	AN	MER	W	P	W	C	CS	HA	TMS	1	14.0	15.0
PACIFIQUE	FCCL	17	AN	MER	W	P	W	C	CS	HA	TMS	2	20.0	21.0
PASTEUR	FNPA	13	AN	MER	W	P	W	C	SS	HA	TMS	2	20.0	21.0
PENCHATEAU	FNGZ	23	AN	MER	W	P	W	C	CS	HA	TMS	1	14.0	15.0
PENJA	FOFW	7	AN	MER	W	P	W	C	SS	HA	TMS	1	15.0	16.0
PENQUER	FNRH	23	AN	MER	W	P	W	C	CS	HA	TMS	1	16.0	17.0
PENVERN	FCDB	7	AN	MER	W	P	W	C	SS	HA	TMS	1	12.0	13.0
PIERRE LOTI	FCET	17	AN	MER	W	P	W	C	CS	HA	TMS	2	19.0	20.0
POINTE ALLEGRE	FNZB	11	AN	MER	W	P	W	C	CS	HA	TMS	1	24.0	25.0
PRESIDENT ANDRE BLANCHARD	FNNM	2	AN	MER	W	P	W	C	SS	HA	TMS	1	12.0	13.0
RENAISSANCE	FNPF	6	AN	MER	W	P	W	C	CS	HA	TMS	3	16.0	17.0
ROCHAMBEAU	FNTM	10	AN	MER	W	P	W	C	SS	HA	TMS	1	21.0	22.0
ROCHEFORT	FPTH	25	AN	MER	W	P	W	C	CS	HA	TMS	1	12.0	13.0
SALON	FNVQ	14	AN	MER	W	P	W	C	CS	HA	TMS	1	16.0	17.0
SAUZON	FCQD	13	AN	MER	W	P	W	C	CS	HA	TMS	1	14.0	15.0
SI KIANG	FCWS	9	AN	MER	W	P	W	C	CS	HA	MS	1	16.0	17.0
SITALA	FNIZ	18	AN	MER	W	P	W	C	CS	HA	TMS	1	22.0	23.0
SOUSSE (TUNISIE)	3VCZ	4	AN	MER	W	P	W	C	CS	HA	T	0	12.0	13.0
SUFFREN	FNTP	10	AN	MER	W	P	W	C	SS	HA	TMS	1	21.0	22.0
SURCOUF	FNWK	20	AN	MER	W	P	W	C	SS	HA	TMS	1	18.0	19.0
TABOA	FNBO	20	AN	MER	W	P	W	C	CS	HA	TMS	1	15.0	16.0
TAHITIEN	FCEU	16	AN	MER	W	P	W	C	CS	HA	TMS	2	18.0	19.0
TALASSA	FNBE	7	AN	MER	W	P	W	C	CS	HA	TMS	1	16.0	17.0

FRANCE

TAMBA	FCKY	9	AN	MER	W	P	W	C	SS	HA	TMS	1	15.0	16.0
TANAGRA	FNBC	20	AN	MER	W	P	W	C	CS	HA	TMS	1	16.0	17.0
TARPON	FNGE	8	AN	MER	W	P	W	C	CS	HA	TMS	1	12.0	13.0
TATIANA	FNVT	20	AN	MER	W	P	W	C	CS	HA	TMS	1	16.0	17.0
TCHIBANGA	FNBD	20	AN	MER	W	P	W	C	CS	HA	TMS	1	16.0	17.0
TESSA	FOKZ	7	AN	MER	W	P	W	C	CS	HA	TMS	1	15.0	16.0
THALASSA	FNIB	22	AN	MER	W	P	W	C	SS	AHA ST	TMS	1	8.0	9.0
TIDRA	FNBF	20	AN	MER	W	P	W	C	CS	HA	TMS	1	15.0	16.0
VACCARES	FOEZ	8	AN	MER	W	P	W	C	CS	HA	TMS	1	14.0	15.0
VALENCAY	FNCN	1	AN	MER	W	P	W	C	CS	HA	TMS	1	11.0	12.0
VANOISE	FNFX	19	AN	MER	W	P	W	C	CS	HA	TMS	1	17.0	18.0
VAR	FNML	20	AN	MER	W	P	W	C	CS	HA	TMS	1	19.0	20.0
VELAY	FNFY	16	AN	MER	W	P	W	C	CS	HA	TMS	1	17.0	18.0
VENTOUX	FNFZ	16	AN	MER	W	P	W	C	CS	HA	TMS	1	12.0	13.0
VILLANDRY	FNNN	1	AN	MER	W	P	W	C	CS	HA	TMS	1	14.0	15.0
VILLE DE BREST	FNQD	17	AN	MER	W	P	W	C	CS	HA	TMS	1	16.0	17.0
VILLE DE DUNKERQUE	FNQK	17	AN	MER	W	P	W	C	SS	HA	TMS	1	16.0	17.0
VILLE DE MAJUNGA	FNQL	17	AN	MER	W	P	W	C	SS	HA	TMS	1	16.0	17.0
VILLE DE MEXICO	FNDM	17	AN	MER	W	P	W	C	SS	HA	TMS	1	17.0	18.0
VILLE DE NANTES	FNQF	17	AN	MER	W	P	W	C	SS	HA	TMS	1	16.0	17.0
VILLE DE ROUEN	FNQP	17	AN	MER	W	P	W	C	SS	HA	TMS	1	16.0	17.0
VILLE DE STRASBOURG	FNQA	17	AN	MER	W	P	W	C	SS	HA	TMS	1	16.0	17.0
VILLE DE TAMATAVE	FNQT	17	AN	MER	W	P	W	C	CS	HA	TMS	1	16.0	17.0
VILLE DU HAVRE	FNQB	17	AN	MER	W	P	W	C	SS	HA	TMS	1	16.0	17.0
VIVIRAIS	FNGD	19	AN	MER	W	P	W	C	SS	HA	TMS	1	16.0	17.0
VOSGES	FNGA	19	AN	MER	W	P	W	C	CS	HA	TMS	1	16.0	16.0
WINNIPEG	FNRN	10	AN	MER	W	P	W	C	SS	HA	TMS	1	16.0	17.0
YALOU	FOWT	9	AN	MER	W	P	W	C	SS	HA	TMS	1	16.0	17.0
YANG TSE	FCWW	9	AN	MER	W	P	W	C	SS	HA	TMS	1	16.0	17.0

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- 1 NORTH SEA - CANADA
- 2 NORTH SEA - U.S.A. EAST COAST
- 3 NORTH SEA - U.S.A. WEST COAST
- 4 NORTH SEA - CENTRAL AMERICA
- 5 NORTH SEA - CARIBBEAN AREA
- 6 NORTH SEA - GULF OF MEXICO
- 7 NORTH SEA - EAST COAST SOUTH AMERICA
- 8 NORTH SEA - WEST COAST SOUTH AMERICA VIA PANAMA
- 9 NORTH SEA - WEST COAST SOUTH AMERICA VIA MAGELLAN
- 10 NORTH SEA - MEDITERRANEAN
- 11 NORTH SEA - WEST COAST AFRICA
- 12 NORTH SEA - SOUTH AFRICA
- 13 NORTH SEA - EAST COAST AFRICA
- 14 NORTH SEA - INDIA
- 15 NORTH SEA - INDONESIA
- 16 NORTH SEA - EAST ASIA
- 17 NORTH SEA - AUSTRALIA
- 18 VARIOUS
- 19 NORTH-WEST EUROPEAN FISHING GROUNDS
- 20 NEWFOUNDLAND - LABRADOR - GREENLAND FISHING GROUNDS
- 21 MOMBASA - MAURITIUS
- 22 NORTH SEA - BARENTS SEA

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01.01.1970

Selected Ships

Special

ANTON DOHRN	DBFC	19,20	AN	MER	ELE	SL	S	P	SL	ELE*BU,C	SS	A	TMS	2	8.0	21.0
FRITHJOF	DBFJ	19,20	AN	MER	ELE	SL	S	P	SL	ELE*C,BU	SS	A	TMS	2	7.0	23.0
GAUSS	DBFB	19	AN	MER	ELE	SL		P	SL	ELE C,BU	SS	A	TMS	1	6.0	17.0
MEERKATZE	DBFM	19,20	AN	MER	ELE	SL	S	P	SL	ELE* BU	SS	A	TMS	2	7.0	21.0
METEOR	DBBH	16	AN	MER	ELE	SL	S	P	SL	ELE* BU,C	SS	ARW	TMS	2	8.0	28.0
POSEIDON	DBFQ	19,20	AN	MER	ELE	SL	S	P	SL	ELE*BU,C	SS	A	TMS	2	7.0	21.0
WALTHER HERWIG	DBFR	19,20	AN	MER	ELE	SL	S	P	SL	ELE* BU,C	SS	A,R	TMS	2	8.0	21.0

Merchant

ADOLF VINNEN	DLAM	8	AN	MER		SL		P	SL	BU		SS	TMS	1	12.0
ALEMANNIA	DNKB	16	AN	MER		SL		P	SL	BU		SS	TMS	1	16.0
ALFRED THEODOR	DABN	2	AN	MER		SL		P	SL	BU		SS	TMS	1	14.0
ALSTER EXPRESS	DIDL	2	AN	MER		SL		P	SL	BU		SS	TMS	1	16.0
ALTENFELS	DNDM	14	AN	MER		SL		P	SL	BU		SS	TMS	1	16.0
ANITA	DHGY	5	AN	MER		SL		P	SL	BU		SS	TMS	1	10.0
ANSGARITOR	DDCC	22	AN	MER		SL		P	SL	BU		SS	TMS	1	12.0
AUGSBURG	DIBW	5	AN	MER		SL		P	SL	BU		SS	MS	1	10.0
AUGUST LEONHARDT	DAHX	18	AN	MER		SL		P	SL	BU		SS	MS	1	16.0
BADENSTEIN	DEKC	18	AN	MER		SL		P	SL	BU		SS	MS	1	12.0
BARENFELS	DEAS	14	AN	MER		SL		P	SL	BU		SS	MS	1	16.0
BARENSTEIN	DECZ	9	AN	MER		SL		P	SL	BU		SS	MS	1	12.0
BARTENSTEIN	DLCS	3	AN	MER		SL		P	SL	BU		SS	MS	1	12.0
BAVARIA	DIBF	16	AN	MER		SL		P	SL	BU		SS	TMS	1	16.0

* IN A SMALL SEA-WATER TANK ABOUT 2 M BELOW THE WATER LINE
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BAYERNSTEIN	DEKG	16	AN	MER	SL	P	SL	BU	SS	MS	1	16.0
BERND LEONHARDT	DGAG	18	AN	MER	SL	P	SL	BU	SS	TMS	1	12.0
BIEBERSTEIN	DECN	8	AN	MER	SL	P	SL	BU	SS	MS	1	12.0
BIRKENFELS	DEJD	14	AN	MER	SL	P	SL	BU	SS	MS	1	16.0
BIRKENSTEIN	DLBQ	2	AN	MER	SL	P	SL	BU	SS	TMS	1	14.0
BISCHOFSTEIN	DLBU	2	AN	MER	SL	P	SL	BU	SS	TMS	1	12.0
BLANKENSTEIN	DLCQ	9	AN	MER	SL	P	SL	BU	SS	MS	1	12.0
BLUMENTHAL	DGDD	17	AN	MER	SL	P	SL	BU	SS	MS	1	12.0
BODENSTEIN	DLDB	9	AN	MER	SL	P	SL	BU	SS	MS	1	12.0
BORNHEIM	DEHZ	18	AN	MER	SL	P	SL	BU	SS	TMS	1	16.0
BORUSSIA	DNKZ	16	AN	MER	SL	P	SL	BU	SS	TMS	1	16.0
BRANDENBURG	DHMF	3	AN	MER	SL	P	SL	BU	SS	MS	1	10.0
BRANDENSTEIN	DECC	8	AN	MER	SL	P	SL	BU	SS	MS	1	12.0
BREITENSTEIN	DLBT	2	AN	MER	SL	P	SL	BU	SS	TMS	1	12.0
BREMEN	DDQP	2	AN	MER	SL	P	SL	BU	SS	TMS	3	18.0
BREMERHAVEN	DLAZ	4	AN	MER	SL	P	SL	C	SS	TMS	1	12.0
BUCHENSTEIN	DDQQ	8	AN	MER	SL	P	SL	BU	SS	MS	1	14.0
BUNTENSTEIN	DDTL	8	AN	MER	SL	P	SL	BU	SS	MS	1	14.0
BURGENSTEIN	DDQE	8	AN	MER	SL	P	SL	BU	SS	MS	1	14.0
CAP SAN LORENZO	DGHT	7	AN	MER	SL	P	SL	BU	SS	MS	1	14.0
CARL JULIUS	DHDF	3	AN	MER	SL	P	SL	BU	SS	TMS	1	12.0
CARL TRAUTWEIN	DADI	2	AN	MER	SL	P	SL	BU	SS	TMS	1	12.0
COBURG	DHLE	5	AN	MER	SL	P	SL	BU	SS	MS	1	10.0
DALBEK	DGVV	9	AN	MER	SL	P	SL	BU	SS	MS	1	10.0
DARMSTADT	DGHO	15	AN	MER	SL	P	SL	BU	SS	MS	1	14.0
DORTMUND	DHEK	15	AN	MER	SL	P	SL	BU	SS	MS	1	12.0
DRESDEN	DIBG	16	AN	MER	SL	P	SL	BU	SS	MS	1	14.0
ELBE EXPRESS	DHEE	2	AN	MER	SL	P	SL	BU	SS	MS	1	16.0
ELISABETH ENTZ	DFRQ	18	AN	MER	SL	P	SL	BU	SS	TMS	1	14.0
ELSFLETH	DLDF	4	AN	MER	SL	P	SL	C	SS	MS	1	12.0
EMMA JOHANNA	DARJ	2	AN	MER	SL	P	SL	BU	SS	TMS	1	14.0
EMSSTEIN	DEAG	1	AN	MER	SL	P	SL	BU	SS	MS	1	10.0
EUROPA	DDQH	2	AN	MER	SL	P	SL		SS	TMS	3	18.0

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FISCHBEK	DHDC	5	AN	MER	SL	P SL	BU	SS	MS	1	10.0	
FLENSBURG	DNAL	1	AN	MER	SL	P SL	BU	SS	TMS	1	10.0	
FRAUENFELS	DLAC	14	AN	MER	SL	P SL	BU	SS	MS	1	16.0	
FREIENFELS	DEDP	14	AN	MER	SL	P SL	BU	SS	TMS	1	12.0	
GEMMA	DAKH	1	AN	MER	SL	P SL	BU	SS	TMS	1	12.0	
GINNHEIM	DLAT	2	AN	MER	SL	P SL	BU	SS	TMS	1	14.0	
GOSLAR	DDLE	6	AN	MER	SL	P SL	BU	SS	MS	1	10.0	
H.W. SCHULTE	DCEN	3	AN	MER	SL	P SL	BU	SS	TMS	1	12.0	
HAHNENTOR	DEHD	4	AN	MER	SL	P SL	BU	SS	MS	1	16.0	
HAMBURG	DHHV	16	AN	MER	SL	P SL		SS	TMS	2	14.0	
HAMBURG	DABC	18	AN	MER	SL	P SL	BU	SS	TMS	3	20.0	30.0
HAMMONIA	DNJA	16	AN	MER	SL	P SL	BU	SS	TMS	1	14.0	
HANAU	DHHN	4	AN	MER	SL	P SL	BU	SS	MS	1	14.0	
HANNOVER	DGHF	4	AN	MER	SL	P SL	BU	SS	TMS	1	14.0	
HANSEATIC	DABR	2	AN	MER	SL	P SL		SS	TM	3	24.0	
HAVELLAND	DACE	3	AN	MER	SL	P SL	C	SS	MS	1	14.0	
HAVELSTEIN	DEEM	3	AN	MER	SL	P SL	BU	SS	MS	1	13.0	
HEIDELBERG	DIEL	4	AN	MER	SL	P SL	BU	SS	MS	1	14.0	
HEILBRONN	DHHM	4	AN	MER	SL	P SL	BU	SS	MS	1	14.0	
HESSENSTEIN	DEJU	16	AN	MER	SL	P SL	BU	SS	TMS	1	14.0	
HOECHST	DHME	15	AN	MER	SL	P SL	BU	SS	MS	1	14.0	
HOLSATIA	DGBG	16	AN	MER	SL	P SL	BU	SS	TMS	1	16.0	
HOLSTENSTEIN	DEJV	16	AN	MER	SL	P SL	BU	SS	MS	1	16.0	
ILLSTEIN	DDSG	4	AN	MER	SL	P SL	BU	SS	MS	1	12.0	
ILSE FRITZEN	DCDL	5	AN	MER	SL	P SL	BU	SS	TMS	1	14.0	
INNSTEIN	DEAE	1	AN	MER	SL	P SL	BU	SS	MS	1	12.0	
ISARSTEIN	DEEX	17	AN	MER	SL	P SL	BU	SS	TMS	1	12.0	
ISERLOHN	DEKF	4	AN	MER	SL	P SL	BU	SS	MS	1	14.0	
JOHANNES FRITZEN	DCOK	2	AN	MER	SL	P SL	BU	SS	TMS	1	14.0	
KAAPLAND (SOUTH AFRICA)	ZTAE	12	AN	MER	SL	P SL	BU	SS	TMS	1	13.0	
KALLIOPE	DIDR	18	AN	MER	SL	P SL	BU	SS	TMS	1	12.0	
KARONGA	DNKM	12	AN	MER	SL	P SL	BU	SS	TMS	1	14.0	
KARROO (SOUTH AFRICA)	ZSEL	12	AN	MER	SL	P SL	BU	SS	TMS	1	14.0	
KASSEL	DIDP	5	AN	MER	SL	P SL	BU	SS	MS	1	12.0	

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KOLN	DIEW	8	AN	MER	SL	P	SL	BU	SS	MS	1	12.0
KREFELD	DILJ	5	AN	MER	SL	P	SL	BU	SS	MS	1	10.0
KULMERLAND	DACC	17	AN	MER	SL	P	SL	BU	SS	MS	1	14.0
KYBFELS	DEJM	14	AN	MER	SL	P	SL	BU	SS	TMS	1	16.0
LAHNSTEIN	DDUW	6	AN	MER	SL	P	SL	BU	SS	TMS	1	10.0
LECHSTEIN	DDQK	9	AN	MER	SL	P	SL	BU	SS	TMS	1	12.0
LEIPZIG	DGYU	17	AN	MER	SL	P	SL	BU	SS	MS	1	14.0
LEVERKUSEN	DGMN	9	AN	MER	SL	P	SL	BU	SS	MS	1	14.0
LINDENSTEIN	DEHJ	14	AN	MER	SL	P	SL	BU	SS	MS	1	16.0
LISELOTTE ESSBERGER	DALE	18	AN	MER	SL	P	SL	BU	SS	MS	1	18.0
LUDWIGSHAFEN	DHFX	2	AN	MER	SL	P	SL	BU	SS	MS	1	12.0
LUXEMBURG	DHFO	12	AN	MER	SL	P	SL	BU	SS	TMS	1	14.0
MAGDALENE VINNEN	DDNU	4	AN	MER	SL	P	SL	BU	SS	TMS	1	12.0
MAGDEBURG	DHRC	1	AN	MER	SL	P	SL	BU	SS	TMS	1	8.0
MARBURG	DAHU	5	AN	MER	SL	P	SL	BU	SS	MS	1	12.0
MARIE LEONHARDT	DAFV	1	AN	MER	SL	P	SL	BU	SS	TMS	1	13.0
MARIE LUISE BOLTEN	DNKQ	4	AN	MER	SL	P	SL	BU	SS	TMS	1	16.0
MINDEN	DEBK	4	AN	MER	SL	P	SL	C	SS	TMS	1	12.0
MOSEL EXPRESS	DDNG	2	AN	MER	SL	P	SL	BU	SS	TMS	1	18.0
MOSELSTEIN	DEOR	8	AN	MER	SL	P	SL	BU	SS	TMS	1	14.0
MOSSEL BAY	DIHA	12	AN	MER	SL	P	SL	BU	SS	TMS	1	12.0
MUNCHEN	DAGY	16	AN	MER	SL	P	SL	BU	SS	TMS	1	14.0
NABSTEIN	DDTJ	6	AN	MER	SL	P	SL	BU	SS	MS	1	12.0
NAJADE	DDRB	11	AN	MER	SL	P	SL	BU	SS	TMS	1	12.0
NATAL	DGOO	12	AN	MER	SL	P	SL	BU	SS	TMS	1	12.0
NECKARSTEIN	DEDG	2	AN	MER	SL	P	SL	BU	SS	MS	1	12.0
NEPTUN	DEBS	11	AN	MER	SL	P	SL	BU	SS	TMS	1	10.0
NEREUS	DDUP	11	AN	MER	SL	P	SL	BU	SS	MS	1	10.0
NESTOR	DEDQ	11	AN	MER	SL	P	SL	BU	SS	TMS	1	10.0
NIENBURG	DEAN	4	AN	MER	SL	P	SL	C	SS	TMS	1	10.0
NORDENHAM	DLBS	4	AN	MER	SL	P	SL	BU	SS	TMS	1	10.0
NORDSTERN	DGZL	2	AN	MER	SL	P	SL	BU	SS	MS	1	16.0
NURNBERG	DIHI	2	AN	MER	SL	P	SL	BU	SS	MS	1	14.0
ORANGELAND	DGWO	12	AN	MER	SL	P	SL	BU	SS	TMS	1	17.0

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OSTERTOR	DECV	18	AN	MER	SL	P	SL	BU	SS		TMS	1	14.0
OTTO HAHN	DACH	18	AN	MER	SL	P	SL	BU	SS		TMS	2	16.0
PAUL RICKMERS	DIQ	16	AN	MER	SL	P	SL	BU	SS		TMS	1	13.0
PAZIFIK	DIBH	11	AN	MER	SL	P	SL	BU	SS		TMS	1	14.0
PETER RICKMERS	DNAJ	16	AN	MER	SL	P	SL	BU	SS		TMS	1	13.0
POSEIDON	DHRI	1	AN	MER	SL	P	SL	BU	SS		TMS	1	10.0
PRAG	DHGP	18	AN	MER	SL	P	SL	BU	SS		TMS	1	18.0
PRAUNHEIM	DLDR	2	AN	MER	SL	P	SL	BU	SS		TMS	1	14.0
R.C. RICKMERS	DGRP	16	AN	MER	SL	P	SL	BU	SS		TMS	1	12.0
RAVENSTEIN	DLAA	16	AN	MER	SL	P	SL	BU	SS		MS	1	12.0
REGENSTEIN	DEED	17	AN	MER	SL	P	SL	BU	SS		MS	1	14.0
REIFENSTEIN	DLAU	17	AN	MER	SL	P	SL	BU	SS		MS	1	13.0
RENDSBURG	DNIC	5	AN	MER	SL	P	SL	BU	SS		MS	1	10.0
RHEINLAND	DAQH	8	AN	MER	SL	P	SL	BU	SS		MS	1	12.0
RHEINSTEIN	DDUN	1	AN	MER	SL	P	SL	BU	SS		MS	1	8.0
RIEDERSTEIN	DEEG	17	AN	MER	SL	P	SL	BU	SS		MS	1	14.0
ROTHENSTEIN	DLAK	16	AN	MER	SL	P	SL	BU	SS		MS	1	12.0
RUHRSTEIN	DEAL	4	AN	MER	SL	P	SL	BU	SS		MS	1	10.0
SAARLAND	DHBC	17	AN	MER	SL	P	SL	BU	SS		MS	1	13.0
SACHSENSTEIN	DEKE	16	AN	MER	SL	P	SL	BU	SS		MS	1	14.0
SANTA RITA	DIGE	7	AN	MER	SL	P	SL	BU	SS		MS	1	12.0
SCHAUENBURG	DGFY	6	AN	MER	SL	P	SL	BU	SS	HA	MS	1	12.0
SCHURBEK	DGCA	5	AN	MER	SL	P	SL	BU	SS		MS	1	10.0
SCHWABENSTEIN	DEKB	16	AN	MER	SL	P	SL	BU	SS		TMS	1	14.0
SIEGSTEN	DLDS	5	AN	MER	SL	P	SL	BU	SS		MS	1	12.0
SOLINGEN	DTKX	5	AN	MER	SL	P	SL	BU	SS		MS	1	10.0
SPEYER	DNAF	4	AN	MER	SL	P	SL	BU	SS		MS	1	14.0
SPREESTEN	DLDJ	6	AN	MER	SL	P	SL	BU	SS		MS	1	12.0
STRASSBURG	DNDK	18	AN	MER	SL	P	SL	BU	SS		MS	1	16.0
STUTTGART	DGGM	8	AN	MER	SL	P	SL	BU	SS		MS	1	12.0
SUSANNE FRITZEN	DDQO	1	AN	MER	SL	P	SL	BU	SS		MS	1	14.0
TALANA	DAFP	12	AN	MER	SL	P	SL	BU	SS		TMS	1	14.0
TANNSTEIN	DLAR	4	AN	MER	SL	P	SL	BU	SS		MS	1	12.0
TAVETA	DALO	12	AN	MER	SL	P	SL	BU	SS		TMS	1	16.0

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THURINGIA	DHPU	16	AN	MER	SL	P	SL	BU	SS	MS	1	16.0
TORSTEIN	DLAX	5	AN	MER	SL	P	SL	BU	SS	MS	1	12.0
TOSKA	DNDZ	18	AN	MER	SL	P	SL	BU	SS	MS	1	10.0
TRANSATLANTIC	DIEY	1	AN	MER	SL	P	SL	BU	SS	TMS	1	16.0
TRANSGERMANIA	DGZP	1	AN	MER	SL	P	SL	BU	SS	TMS	1	12.0
TRANSMICHIGAN	DGPS	1	AN	MER	SL	P	SL	BU	SS	TMS	1	16.0
TRANSONTARIO	DADP	1	AN	MER	SL	P	SL	BU	SS	TMS	1	16.0
TRANSPACIFIC	DIGC	1	AN	MER	SL	P	SL	BU	SS	TMS	1	12.0
TRAVESTEIN	DLAJ	3	AN	MER	SL	P	SL	BU	SS	MS	1	12.0
TRIER	DHAT	3	AN	MER	SL	P	SL	BU	SS	MS	1	16.0
TUBINGEN	DHAX	2	AN	MER	SL	P	SL	BU	SS	TMS	1	12.0
TWADIKA	DHCW	2	AN	MER	SL	P	SL	BU	SS	MS	1	12.0
UBENA	DHCB	13	AN	MER	SL	P	SL	BU	SS	TMS	1	12.0
ULANGA	DIKD	12	AN	MER	SL	P	SL	BU	SS	TMS	1	12.0
URUNDI	DIIE	13	AN	MER	SL	P	SL	BU	SS	TMS	1	12.0
VEGESACK	DDRV	4	AN	MER	SL	P	SL	BU	SS	MS	1	12.0
VOGTLAND	DAPE	3	AN	MER	SL	P	SL	BU	SS	MS	1	14.0
VOLUMNIA	DAJD	1	AN	MER	SL	P	SL	BU	SS	MS	1	10.0
WACHTFELS	DEBY	14	AN	MER	SL	P	SL	BU	SS	TMS	1	14.0
WALVIS BAY (SOUTH AFRICA)	ZUCV	12	AN	MER	SL	P	SL	BU	SS	TMS	1	10.0
WASSERFELS	DDPP	14	AN	MER	SL	P	SL	BU	SS	TMS	1	14.0
WEISSENBURG	DGSJ	5	AN	MER	SL	P	SL	BU	SS	MS	1	10.0
WERRASTEIN	DEDC	4	AN	MER	SL	P	SL	BU	SS	MS	1	12.0
WESER EXPRESS	DLDE	2	AN	MER	SL	P	SL	BU	SS	MS	1	16.0
WESERSTEIN	DEDA	16	AN	MER	SL	P	SL	BU	SS	MS	1	12.0
WESTFALEN	DIME	17	AN	MER	SL	P	SL	BU	SS	TMS	1	12.0
WESTFALIA	DNHW	16	AN	MER	SL	P	SL	BU	SS	TMS	1	16.0
WIEDSTEIN	DDSY	2	AN	MER	SL	P	SL	BU	SS	MS	1	10.0
WIENERTOR	DDOI	2	AN	MER	SL	P	SL	BU	SS	TMS	1	14.0
WIESBADEN	DGMB	8	AN	MER	SL	P	SL	BU	SS	MS	1	12.0
WILDENFELS	DEBA	14	AN	MER	SL	P	SL	BU	SS	TMS	1	14.0
WOLFSBURG	DNAM	2	AN	MER	SL	P	SL	BU	SS	MS	1	14.0
WUPPERTAL	DGSH	5	AN	MER	SL	P	SL	BU	SS	MS	1	12.0
WURTEMBERG	DIEF	2	AN	MER	SL	P	SL	BU	SS	MS	1	12.0

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YILDUN	DNCT	18	AN	MER	SL	P SL	BU	SS	TMS 1	12.0
Trawlers										

BERLIN	DEQR	20	AN	MER	SL		ELE*	SS	TS 1	8.0
BREMERHAVEN	DERY	20	AN	MER	SL		ELE*	SS	TS 1	8.0
CUXHAVEN	DFNV	19	AN	MER	SL		ELE*	SS	TS 1	8.0
DANASBANK	DNKL	19	AN	MER	SL	P SL	ELE*	SS	MS 1	8.0
DUSSELDORF	DERV	20	AN	MER	SL		ELE*	SS	TS 1	8.0
FREIBURG I. BREISGAU	DFBN	20	AN	MER	SL		ELE*	SS	TS 1	8.0
FRITZ HOMANN	DFBC	20	AN	MER	SL		ELE*	SS	TMS 1	8.0
HAGEN	DFNP	20	AN	MER	SL	P	ELE*	SS	TMS 1	8.0
HEIDELBERG	DFOG	20	AN	MER	SL	P SL	BU	SS	TMS 1	8.0
KATFISCH	DEPX	20	AN	MER	SL	P SL	ELE*	SS	TMS 1	6.0
KORMORAN	DEOQ	19	AN	MER	SL		ELE*	SS	TS 1	8.0
MARBURG	DFCR	20	AN	MER	SL	P SL	ELE*	SS	TMS 1	8.0
MINDEN	DFNR	20	AN	MER	SL		BU	SS	TMS 1	8.0
MUNCHEN	DFPB	20	AN	MER	SL		BU	SS	TMS 1	8.0
NORDENHAM	DEQV	20	AN	MER	SL		ELE* BU	SS	TS 1	8.0
ROTERSAND	DEQE	20	AN	MER	SL		ELE*	SS	TMS 1	8.0
SAGITTA MARIS	DFBT	12	AN	MER	SL		ELE*	SS	TMS 1	10.0
SAXONIA	DFCP	19	AN	MER	SL	P SL	ELE*	SS	TMS 1	6.0
SIRIUS	DESV	19	AN	MER	SL	P SL	ELE*	SS	TMS 1	6.0
SPITZBERGEN	DENS	20	AN	MER	SL	P	BU	SS	TMS 1	8.0
TICO I	DFBZ	19	AN	MER	SL	P SL	ELE*	SS	MS 1	8.0
TUBINGEN	DFCJ	20,12	AN	MER	SL	P SL	ELE*	SS	TMS 1	8.0
VIKINGBANK	DESI	20	AN	MER	SL		C	SS	TMS 1	8.0
WESER	DFBQ	20,12	AN	MER	SL		C	SS	TMS 1	8.0

Supplementary Ships

Merchant

ALCOR	DLDP	10	AN	MER	SL	P SL	BU	MS 1	10.0

* IN A SMALL SEA-WATER TANK ABOUT 2 M BELOW THE WATER LINE
ED.1970

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ALCYONE	DLCW	10	AN	MER	SL	P	SL	BU	MS	1	8.0
ALIOTH	DLCL	10	AN	MER	SL	P	SL	BU	MS	1	8.0
ALPHARD	DDNS	10	AN	MER	SL	P	SL	BU	MS	1	10.0
ATLANTIK	DIAB	11	AN	MER	SL	P	SL	BU	MS	1	12.0
AXENFELS	DDRX	14	AN	MER	SL	P	SL	BU	TMS	1	16.0
BAMBURI	HPLQ	21	AN	MER	SL	P	SL	BU	TMS	1	10.0
BARBARA	DIFC	18	AN	MER	SL	P	SL	BU	MS	1	10.0
BIRTE HUGO STINNES	DGBN	11	AN	MER	SL	P	SL	BU	MS	1	12.0
BRAUNFELS	DEAZ	14	AN	MER	SL	P	SL	BU	MS	1	16.0
BRAUNSCHWEIG	DIFO	16	AN	MER	SL	P	SL	BU	MS	1	12.0
CALOR	DDTB	5	AN	MER	SL	P	SL	BU	TMS	1	10.0
CAP PALMAS	DIPR	7	AN	MER	SL	P	SL	BU	TMS	1	14.0
CAP SAN ANTONIO	DNAG	7	AN	MER	SL	P	SL	BU	TMS	1	14.0
CAP SAN AUGUSTIN	DGHI	7	AN	MER	SL	P	SL	BU	TMS	1	14.0
CAP SAN DIEGO	DNAI	7	AN	MER	SL	P	SL	BU	TMS	1	14.0
CAP SAN MARCO	DAEW	7	AN	MER	SL	P	SL	BU	TMS	1	14.0
CAP SAN NICOLAS	DAEI	7	AN	MER	SL	P	SL	BU	TMS	1	14.0
CEMENTIA (PANAMA)	HCLH	21	AN	MER	SL	P	SL	BU	TMS	1	12.0
CHRISTEL VINNEN	DHAL	4	AN	MER	SL	P	SL	BU	TMS	1	12.0
CHRISTIANNA PIKURITZ	DGJD	5	AN	MER	SL	P	SL	BU	TMS	1	12.0
CHRISTINA VINNEN	DIAJ	11	AN	MER	SL	P	SL	BU	MS	1	12.0
CROSTAFELS	DEIU	2, 14	AN	MER	SL	P	SL	BU	MS	1	16.0
DRACHENFELS	DECU	18	AN	MER	SL	P	SL	BU	MS	1	16.0
DUISBURG	DHNY	4	AN	MER	SL	P	SL	BU	MS	1	10.0
DUSSELDORF	DGHJ	8	AN	MER	SL	P	SL	BU	MS	1	12.0
EBERHARD ESSBERGER	DAKG	18	AN	MER	SL	P	SL	BU	TMS	1	14.0
EHRENFELS	DECL	14	AN	MER	SL	P	SL	BU	MS	1	14.0
EILBEK	DIOA	5	AN	MER	SL	P	SL	BU	MS	1	10.0
ESCHERSHEIM	DEHI	18	AN	MER	SL	P	SL	BU	TMS	1	16.0
ESSEN	DGNV	15	AN	MER	SL	P	SL	BU	MS	1	12.0
FALKENFELS	DEJA	18	AN	MER	SL	P	SL	BU	MS	1	16.0
FINN LEONHARDT	DGWL	2	AN	MER	SL	P	SL	BU	TMS	1	16.0
FINNHEIDE	DIHL	2	AN	MER	SL	P	SL	BU	TMS	1	18.0
FRANKFURT	DHHZ	16	AN	MER	SL	P	SL	BU	MS	1	14.0

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FREIBURG	DIPO	8	AN	MER	SL	P	SL	BU	MS	1	12.0
FRIESENSTEIN	DEJL	16	AN	MER	SL	P	SL	BU	MS	1	14.0
FRIGOARTICO	DAJV	4	AN	MER	SL	P	SL	BU	MS	1	12.0
GREIFFENFELS	DDTF	14	AN	MER	SL	P	SL	BU	MS	1	16.0
HAGEN	DHHD	4	AN	MER	SL	P	SL	BU	TMS	1	14.0
HATTINGEN	DHHI	5	AN	MER	SL	P	SL	BU	TMS	1	14.0
HOHENFELS	DEJJ	18	AN	MER	SL	P	SL	BU	MS	1	16.0
HORNKLIFF	DHID	5	AN	MER	SL	P	SL	BU	TMS	1	14.0
HORNLAND	DGJM	5	AN	MER	SL	P	SL	BU	TMS	1	14.0
HORNSEE	DAND	5	AN	MER	SL	P	SL	BU	TMS	1	14.0
HORNWIND	DIAW	5	AN	MER	SL	P	SL	BU	TMS	1	14.0
KALAHARI	DAMS	12	AN	MER	SL	P	SL	C	TMS	1	14.0
KANDELFELS	DEER	14	AN	MER	SL	P	SL	BU	TMS	1	12.0
KARIBA	DNKD	12	AN	MER	SL	P	SL	C	TMS	1	12.0
KARPFANGER	DAFB	3	AN	MER	SL	P	SL	BU	TMS	1	12.0
KLAUS LEONHARDT	DGDK	18	AN	MER	SL	P	SL	BU	TMS	1	16.0
KRUGERLAND	DNBZ	12	AN	MER	SL	P	SL	BU	TMS	1	14.0
LASBEK	DABW	5	AN	MER	SL	P	SL	BU	MS	1	8.0
LAWANTI	DGRM	2	AN	MER	SL	P	SL	BU	TMS	1	12.0
LICHTENFELS	DEET	14	AN	MER	SL	P	SL	BU	TMS	1	14.0
LIEBENFELS	DLAW	14	AN	MER	SL	P	SL	BU	TMS	1	14.0
LINDENFELS	DLBD	14	AN	MER	SL	P	SL	BU	TMS	1	12.0
LINZERTOR	DDQU	2	AN	MER	SL	P	SL	BU	TMS	1	14.0
MAI RICKMERS	DHAK	16	AN	MER	SL	P	SL	BU	TMS	1	14.0
MARIENFELS	DLBH	14	AN	MER	SL	P	SL	BU	MS	1	16.0
MONSUN	DIDM	5	AN	MER	SL	P	SL	BU	MS	1	10.0
MUNSTERLAND	DAOK	17	AN	MER	SL	P	SL	BU	TMS	1	14.0
NEIDENFELS	DLBP	14	AN	MER	SL	P	SL	BU	TMS	1	14.0
NEUENFELS	DLCA	14	AN	MER	SL	P	SL	BU	TMS	1	14.0
OCKENFELS	DLCD	14	AN	MER	SL	P	SL	BU	TMS	1	14.0
OTTO LEONHARDT	DADE	18	AN	MER	SL	P	SL	BU	MS	1	16.0
PADUA	DHCU	5	AN	MER	SL	P	SL	BU	TMS	1	16.0
PALABORA	DGRB	13	AN	MER	SL	P	SL	BU	MS	1	14.0
PANGANI	DIBR	5	AN	MER	SL	P	SL	BU	TMS	1	14.0

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PASSAT	DIFP	18	AN	MER	SL	P	SL	BU	MS	1	14.0
PERSIMMON	DHPL	5	AN	MER	SL	P	SL	BU	TMS	1	13.0
PISANG	DNGI	5	AN	MER	SL	P	SL	BU	TMS	1	14.0
POLANA	DGRZ	13	AN	MER	SL	P	SL	BU	MS	1	14.0
PONGAL	DNFN	5	AN	MER	SL	P	SL	BU	TMS	1	14.0
PUNA	DNFH	5	AN	MER	SL	P	SL	BU	TMS	1	14.0
RABENFELS	DLCR	14	AN	MER	SL	P	SL	BU	MS	1	16.0
REINBEK	DACM	6	AN	MER	SL	P	SL	BU	MS	1	10.0
REMSCHIED	DGRY	5	AN	MER	SL	P	SL	BU	MS	1	10.0
RODENBEK	DIFD	18	AN	MER	SL	P	SL	BU	MS	1	10.0
ROTENFELS	DLCX	14	AN	MER	SL	P	SL	BU	MS	1	16.0
SAARSTEIN	DDUX	9	AN	MER	SL	P	SL	BU	MS	1	10.0
SANTA ROSA	DIGW	7	AN	MER	SL	P	SL	BU	MS	1	14.0
SCHONFELS	DEIV	15	AN	MER	SL	P	SL	BU	MS	1	16.0
SCHWARENBK	DAGT	6	AN	MER	SL	P	SL	BU	MS	1	10.0
SCHWARZENFELS	DDPZ	14	AN	MER	SL	P	SL	BU	TMS	1	14.0
SPITZFELS	DDQF	18	AN	MER	SL	P	SL	BU	MS	1	16.0
STEPHANITOR	DDOO	4	AN	MER	SL	P	SL	BU	TMS	1	18.0
TANGA	DDPS	13	AN	MER	SL	P	SL	BU	TMS	1	14.0
TANGANYIKA	DHFP	12	AN	MER	SL	P	SL	BU	TMS	1	14.0
TANNENFELS	DDRQ	18	AN	MER	SL	P	SL	BU	TMS	1	16.0
TARPENBEK	DHQQ	4	AN	MER	SL	P	SL	BU	TMS	1	10.0
TRANSVAAL	DNBR	12	AN	MER	SL	P	SL	BU	TMS	1	12.0
TRAUTENFELS	DDSH	14	AN	MER	SL	P	SL	BU	MS	1	14.0
TREUFENFELS	DDTW	14	AN	MER	SL	P	SL	BU	TMS	1	14.0
TUGELALAND	DGRS	12	AN	MER	SL	P	SL	BU	TMS	1	14.0
UHENFELS	DDSM	18	AN	MER	SL	P	SL	BU	MS	1	16.0
URSULA SCHULTE	DCUJ	7	AN	MER	SL	P	SL	BU	MS	1	16.0
USAMBARA	DAPA	12	AN	MER	SL	P	SL	BU	TMS	1	12.0
USARAMO	DILF	12	AN	MER	SL	P	SL	BU	TMS	1	12.0
VIRGILIA	DHKZ	1	AN	MER	SL	P	SL	BU	TMS	1	10.0
WALLENFELS	DEDL	14	AN	MER	SL	P	SL	BU	MS	1	10.0
WANDSBK	DACG	11	AN	MER	SL	P	SL	BU	MS	1	10.0
WEIMAR	DIPF	8	AN	MER	SL	P	SL	BU	MS	1	12.0

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WERDENFELS	DDUR	14	AN	MER	SL	P SL	C	TMS	1	14.0
WESERMUNDE	DDSZ	4	AN	MER	SL	P SL		MS	1	12.0
WIEN	DICQ	8	AN	MER	SL	P SL	BU	MS	1	12.0
WORMS	DANE	8	AN	MER	SL	P SL	BU	MS	1	12.0

Trawlers

ALDEBARAN	DENY	19	AN	MER	SL		BU	MS	1	8.0
ALTONA	DNJL	20	AN	MER	SL		ELE	MS	1	8.0
AUGSBURG	DFNO	19	AN	MER	SL		C	TM	1	6.0
BONN	DFBK	20	AN	MER	SL		ELE* BU	TMS	1	8.0
CARL WIEDERKEHR	DEPA	20	AN	MER	SL		ELE*	TMS	1	8.0
CONRAD	DFCD	20	AN	MER	SL		ELE*	TMS	1	8.0
ERICH OLLENHAUER	DFBJ	20	AN	MER	SL	P SL	ELE*	TMS	1	8.0
ERLANGEN	DFBS	20	AN	MER	SL		ELE*	TS	1	8.0
FYLLASBANK	DFBX	19	AN	MER	SL		C	TMS	1	8.0
HANS BOCKLER	DERE	20	AN	MER	SL		ELE*	MS	1	8.0
HEINRICH KERN	DEQY	20	AN	MER	SL		ELE*	TMS	1	8.0
HEINRICH MEINS	DERW	20	AN	MER	SL		BU	TMS	1	8.0
HESSEN	DFNU	20	AN	MER	SL		C	TMS	1	8.0
HUGO HOMANN	DEPV	20	AN	MER	SL		C	TMS	1	8.0
JOCHEN HOMANN	DFBW	19	AN	MER	SL		ELE*	TMS	1	6.0
JUPITER	DEPZ	19	AN	MER	SL		ELE*	TS	1	6.0
MECHTHILD	DEQA	19	AN	MER	SL		BU	TS	1	6.0
NORDSTERN	DERP	20	AN	MER	SL		ELE+	TMS	1	8.0
OSTERREICH	DFCE	20	AN	MER	SL		C	TMS	1	8.0
OTHMARSCHEN	DNJO	20	AN	MER	SL		ELE +	MS	1	8.0
REGENSBURG	DENR	20	AN	MER	SL		ELE*	TS	1	8.0
SAAR	DFNW	20	AN	MER	SL		C	TMS	1	8.0
SAARBRUCKEN	DERT	19	AN	MER	SL		ELE*	TMS	1	8.0

* IN A SMALL SEA-WATER TANK ABOUT 2 M BELOW THE WATER LINE

+ ELECTRONIC SEA TEMPERATURE DEVICE

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GERMANY, FEDERAL REPUBLIC OF

SAGEFISCH	DEPC	19	AN	MER	SL	ELE*	MS	1	8.0
SAGITTA	DENP	20	AN	MER	SL	ELE*	TS	1	8.0
SCHELLFISCH	DEOT	20	AN	MER	SL		MS	1	8.0
SEEFahrt	DFCA	19	AN	MER	SL	ELE*	TS	1	6.0
SEYDISFJORD	DFBY	20	AN	MER	SL	ELE*	TMS	1	8.0

Auxiliary Ships

SONNE	DFCG	20	AN	MER	SL	ELE BU	TMS	1	8.0
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Supplementary Ships

TEUTONIA	DFCK	20	AN	MER	SL	ELE*	TMS	1	8.0
THUNFISCH	DEOA	19	AN	MER	SL	ELE*	TMS	1	8.0
URANUS	DEUO	20	AN	MER	SL	ELE*	TMS	1	8.0
VENUS	DFAS	20	AN	MER	SL	C	TMS	1	8.0
WIEN	DFBE	19	AN	MER	SL	C	TS	1	6.0
WURZBURG	DFNT	20	AN	MER	SL	BU	TS	1	8.0

Auxiliary Ships

FAHRMANNSAND	DHFL	18	AN	MER	SL	C	TMS	1	12.0
NORDPARTNER	DHQT	14	AN	MER	SL	C	TMS	1	12.0

* IN A SMALL SEA-WATER TANK ABOUT 2 M BELOW THE WATER LINE
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1

HONG KONG

- 1 HONG KONG AND/OR JAPAN - AUSTRALIA OR NEW ZEALAND
- 2 HONG KONG AND/OR JAPAN - MALAYSIA / SINGAPORE, INDIA, PAKISTAN OR BURMA
- 3 HONG KONG - CHINA COAST PORTS
- 4 FISHERY RESEARCH, CHINA SEA
- 5 HONG KONG AND/OR JAPAN - PHILIPPINES, MALAYSIA, INDONESIA OR SOUTH PACIFIC PORTS
- 6 HONG KONG AND/OR JAPAN - GULF OF THAILAND
- 7 HONG KONG - PERSIAN GULF AND RED SEA PORTS
- 8 HONG KONG - TAIWAN

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HONG KONG

2

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ANKING (U.K.)	MLLJ	8	AN*	MER	VS	P VS	BU	SS	HA	MS	2
ANSHUN (U.K.)	GMFM	7	AN*	MER	W	P W	BU	SS	HA	MS	2
CAPE ST.MARY (U.K.)	VRAA	4	AN*	MER	W	P W	BU			TMS	1
CARDROSS (U.K.)	VRFL	3	AN*	MER	W	P W	BU			MS	1
CHEFOO (U.K.)	GBHQ	1	AN*	MER	VS	P VS	BU			MS	1
CHENG TU (U.K.)	MTWN	1	MER	MER	W	P W	BU			MS	1
CREE (U.K.)	GZYE	5	AN*	MER	W	P W	BU			MS	1
EASTERN ARGOSY (U.K.)	ZCUG	1	MER	MER	W	P W	BU			MS	1
EASTERN CAPE (U.K.)	VPIJ	5	MER	MER	W	P W	BU	SS		TMS	1
EASTERN CLIFF (U.K.)	VPII	5	MER	MER	W	P W	BU	SS		TMS	1
EASTERN MAID (U.K.)	ZCSH	2	AN*	MER	W	P W	BU			MS	1
EASTERN MOON (U.K.)	ZEOZ	2	MER	MER	W	P W	BU	SS		MS	1
EASTERN MUSE (U.K.)	ZESF	2	AN*	MER	VS	P VS	BU	SS	HA	MS	1
EASTERN QUEEN (U.K.)	VRML	1	AN*	MER	W	P W	BU	SS		MS	1
EASTERN RANGER (U.K.)	VRDX	1	MER	MER	W	P W	C	SS		MS	1
EASTERN ROVER (U.K.)	VRDJ	1	MER	MER	W	P W	BU			TMS	1
EASTERN TRADER (U.K.)	ZELS	2	MER	MER	W	P W	C			MS	1
FORTUNE GLORY (U.K.)	GTCN	5	MER	MER	W	P W	BU			MS	1
FRANCIS DRAKE (U.K.)	GNNK	1	MER	MER	W	P W	BU			MS	1
GEORGE ANSON (U.K.)	GNMC	1	AN*	MER	W	P W	BU	SS		MS	1
HAI MENG (NORWAY)	LNXX	5	MER	MER	W	P W	C		RG	MS	1
HALLVARD (NORWAY)	LGND	6	AN	MER	W	P W	C			TMS	1
HELIOS (NORWAY)	LACF	5	AN	MER	W	P W	C			MS	1
HERMOD (NORWAY)	LKTL	5	MER	MER	W	P W	BU			MS	1
HOI KUNG (NORWAY)	LKCX	1	MER	MER	W	P W	BU			TMS	2
HOI WONG (NORWAY)	LNQL	2	MER	MER	W	P W	C	SS		TMS	2
HUPEH (U.K.)	GHPH	1	AN*	MER	W	P W	BU			TMS	1
HYRIA (U.K.)	GSDP	2	MER	MER	W	P W	BU	SS		MS	1
KUALA LUMPUR (U.K.)	GYQV	1	MER	MER	W	P W	BU	SS		MS	2
KWANGSI (U.K.)	GGHW	1	MER	MER	W	P W	BU			MS	1
KWEICHOW (U.K.)	GFCH	1	MER	MER	W	P W	BU			MS	1

* NEW TYPE PRECISION ANEROID BAROMETER
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HONG KONG

NINGHAI (U.K.)	GRVU	1	MER	MER	W	P W	BU		MS	1
NINGPO (U.K.)	GKPK	5	MER	MER	W	P W	BU		TMS	1
SHANSI (U.K.)	GZBJ	1	AN*	MER	W	P W	BU	SS	MS	1
TAI LUNG SHAN (U.K.)	ZCKH	6	MER	MER	W	P W	BU	SS	MS	1
TAI POO SEK (U.K.)	VRFR	5	MER	MER	W	P W	BU		TMS	2
TAI POO SHAN (U.K.)	MACE	2	MER	MER	W	P W	BU		MS	2
TAI WAH SHAN (U.K.)	VRCV	6	MER	MER	W	P W	BU		MS	1
TAIYUAN (U.K.)	MLLF	1	AN	MER	W	P W	BU	SS	MS	1
WENCHOW (U.K.)	GTML	1	MER	MER	W	P W	BU		TMS	1

Supplementary Ships

CARL OFFERSEN (DENMARK)	OZSL	2	MER	MER	W	P W	BU	SS		TMS	1
EREDINE (U.K.)	GYCH	2	MER	MER	W	P W	BU		MS	1	
ERISKAY (U.K.)	GZLG	2	MER	MER	W	P W	BU		MS	1	
FOH KIM (U.K.)	VRAZ	5	AN	MER	W	P W	BU		MS	1	
HAI HING (NORWAY)	LKFD	5	AN	MER	W	P W	C		MS	1	
HALLBORG (NORWAY)	LHVV	6	AN	MER	W	P W	BU		MS	1	
HALLDIS (NORWAY)	JXKD	6	AN	MER	W	P W	BU		TMS	1	
HALLDOR (NORWAY)	JWLR	6	AN	MER	W	P W	C		TMS	1	
JACOB JEBSEN (DENMARK)	CYJO	3	AN	MER	W	P W	BU	SS	HA	MS	1
KWANGTUNG (U.K.)	GCVE	1	MER	MER	W	P W	BU		MS	1	
KWEILIN (U.K.)	GHZW	1	MER	MER	W	P W	BU		MS	1	
MANCLOEVERETT (LIBERIA)	6ZJR	2	MER	MER	W	P W	BU				
STAR ALDEBARAN (PANAMA)	HCFN	7	MER	MER	W	P W	BU	SS		MS	1
STAR ALTAIR (SWEDEN)	SIVN	7	MER	MER	W	P W	BU			MS	1
STAR ANTARES (PANAMA)	HCYL	7	AN	MER	W	P W	BU			MS	1
STAR BETELGEUSE (PANAMA)	HOFI	7	AN	MER	W	P W	C			MS	1
THOMASEVERETT (LIBERIA)	6ZPS	2	MER	MER	W	P W	BU			MS	1
TONG JIT (SINGAPORE)	SVKG	3	AN	MER	W	P W	BU			MS	1
YOCHON (U.K.)	GFNG	1	MER	MER	W	P W	BU			MS	1

* NEW TYPE PRECISION ANEROID BAROMETER
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HONG KONG

YUNNAN (U.K.)

GBSW

1

MER

MER

W

P W

BU

MS 1

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1

ICELAND

- 1 ICELAND - EUROPE
- 2 ICELAND - U.S.A.
- 3 NORTH ATLANTIC
- 4 ICELANDIC COASTAL WATERS

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2

ICELAND

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Supplementary Ships

ARNARFELL	TFVB	1	AN	MER	SL		TMS	1	8.0
ARNI FRIDRIKSSON	TFJA	4	AN	MER	SL	HT	TMS	1	4.0
BAKKAFOSS	TFBA	1	AN	MER	SL		TM	1	9.0
BRUARFOSS	TFUA	2	AN	MER	SL		TMS	1	12.0
DISARFELL	TFXB	1	AN	MER	SL		TMS	1	8.0
EGILL SKALLAGRIMSSON	TFAC	4	AN	MER	SL		TMS	1	
FJALLFOSS	TFCB	1	AN	MER	SL		TMS	1	8.0
GOCINN	TFLF	4	AN	MER	SL		T	1	3.0
GULLFOSS	TFGA	1	AN	MER	SL		TMS	1	10.0
HAFPOR	TFPW	4	AN	MER	SL		TMS		3.0
HAROBAKUR	TFDG	4	AN	MER	SL		TMS	1	4.0
HOFSSJOKULL	TFBU	2	AN	MER	SL		TMS	1	
JOKULFELL	TFWB	2	AN	MER	SL		TMS	1	6.0
LAGARFOSS	TFLA	3	AN	MER	SL		TMS	1	10.0
LAXFOSS	TFDB	1	AN	MER	SL		TMS	1	
LJOSAFOSS	TFMF	1	AN	MER	SL		TMS	1	
MAELIFELL	TFOB	1	AN	MER	SL		TMS	1	8.0
MAI	TFKZ	4	AN	MER	SL		TMS	1	
REYKJAFOSS	TFNA	1	AN	MER	SL		TMS	1	7.0
SELFOS	TFEB	2	AN	MER	SL		TMS	1	10.0
SKOGAFOSS	TFGC	1	AN	MER	SL		TMS	1	8.0
TUNGUFOS	TFHA	1	AN	MER	SL		TMS	1	8.0

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INDIA

- 1 INDIAN COASTS
- 2 INDIAN COASTS - PORT BLAIR
- 3 INDIAN COASTS - COLOMBO
- 4 INDIAN COASTS - MALAYA
- 5 INDIAN COASTS - PAKISTAN
- 6 INDIAN COASTS - RANGOON
- 7 INDIA - ADEN
- 8 INDIA - AUSTRALIA
- 9 INDIA - CONTINENTAL EUROPE
- 10 INDIA - EAST AFRICA
- 11 INDIA - FAR EAST AND JAPAN
- 12 INDIA - PERSIAN GULF
- 13 INDIA - PORT SUDAN
- 14 INDIA - UNITED KINGDOM
- 15 INDIA - UNITED STATES OF AMERICA
- 16 INDIA - WEST AFRICAN COASTS
- 17 INDIA - U.K., SOUTH AMERICA
- 18 INDIA - JAPAN, U.S.A. (WEST COASTS)
- 19 VARIOUS
- 20 INDIA - U.S.S.R.

INDIA

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Selected Ships

ANDAMANS	VWDG	1	MER	MER	W	P W	BU	OS	MS	2	14.0
BAHADUR	MAVH	11	MER	MER	W	P W	BU	OS	MS	1	16.0
DUMRA	GMLM	12	MER	MER	W	P W	BU	OS	M	2	13.0
DWARKA	GCKS	12	MER	MER	W	P W	BU	OS	TMS	2	14.0
INDIAN EXPORTER	VWVW	14	MER	MER	W	P W	BU	OS	MS	1	13.0
INDIAN MERCHANT	VWVR	14	MER	MER	W	P W	BU	OS	MS	1	15.0
INDIAN PIONEER	VWVS	20	MER	MER	W	P W	BU	OS	MS	1	14.0
INDIAN RELIANCE	VWCJ	19	MER	MER	W	P W	BU	OS	TMS	1	16.0
INDIAN RENOWN	VWCF	20	MER	MER	W	P W	BU	OS	MS	1	14.0
INDIAN SECURITY	VWJW	14	MER	MER	W	P W	BU	OS	MS	1	15.0
INDIAN SHIPPER	VWVW	20	MER	MER	W	P W	BU	OS	MS	1	16.0
INDIAN SUCCESS	VWKQ	14	MER	MER	W	P W	BU	OS	MS	1	11.0
INDIAN TRACER	VWVT	20	MER	MER	W	P W	BU	OS	MS	1	14.0
JALADHAN	VWFQ	15	MER	MER	W	P W	BU	OS	MS	1	15.0
JALADHANYA	VWFW	15	MER	MER	W	P W	BU	OS	M	1	16.0
JALADHARMA	VWFX	15	MER	MER	W	P W	BU	OS	MS	2	17.0
JALADHRUV	VWFT	15	MER	MER	W	P W	BU	OS	MS	1	15.0
JALADUHITA	VWMV	15	MER	MER	W	P W	BU	OS	MS	1	13.0
JALAGANGA	VWBJ	20	MER	MER	W	P W	BU	OS	MS	1	14.0
JALAGOURI	VWFY	20	AN MER	MER	W	P W	BU	OS	MS	1	14.0
JALAJAWAHAR	VWDD	14	MER	MER	W	P W	BU	OS	MS	1	14.0
JALAKRISHNA	VWPC	14	MER	MER	W	P W	BU	OS	MS	1	15.0
JALAMANJIRI	VWFF	20	AN MER	MER	W	P W	BU	OS	MS	1	11.0
JALAPALAKA	VWWM	15	MER	MER	W	P W	BU	OS	MS	1	13.0
JALAPUTRA	VWBN	1	MER	MER	W	P W	BU	OS	MS	1	14.0
JALAVIHAR	VWBQ	14	MER	MER	W	P W	BU	OS	M	1	15.0
JALAZAD	VWDF	15	MER	MER	W	P W	BU	OS	MS	1	16.0
KAMPALA	GCKX	10	MER	MER	W	P W	BU	OS	MS	2	14.0
KARANJA	MACS	10	MER	MER	W	P W	BU	OS	MS	2	18.0
MOHEMMEDI	VWPF	12, 7	MER	MER	W	P W	BU	OS	MS	2	18.0

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INDIA

MOZAFFARI	MACV	12,7	MER	MER	W	P W	BU	OS		MS	2	18.0
NICOBAR	VWJL	2	MER	MER	W	P W	BU	OS		MS	2	9.0
RAJULA	GMSN	4	MER	MER	W	P W	BU	OS	RG	MS	2	
SAUDI	VWPS	7,12	MER	MER	W	P W	BU	OS		TMS	2	25.0
SIRDHANA	GCLD	12	MER	MER	W	P W	BU	OS		MS	2	16.0
ST.OF TRAVANCORE COCHIN	VWBX	8	MER	MER	W	P W	BU	OS		TMS	1	16.0
STATE OF ASSAM	VWNV	18	MER	MER	W	P W	BU	OS		MS	1	17.0
STATE OF BIHAR	VWPD	18	AN	MER	MER	W	P W	BU	OS	TMS	1	15.0
STATE OF BOMBAY	VWWP	2	MER	MER	W	P W	BU	OS	RG	MS	2	16.0
STATE OF GUJARAT	VWQD	11	AN	MER	MER	W	P W	BU	OS	MS	1	14.0
STATE OF HARYANA	ATBG	10	MER	MER	W	P W	BU	OS		MS	2	
STATEOF KUTCH	VWBY	8	MER	MER	W	P W	BU	OS		MS	1	13.0
STATE OF MADRAS	VWWN	11	MER	MER	W	P W	BU	OS	RG	MS	2	
STATE OF MAHARASHTRA	VWQF	18	MER	MER	W	P W	BU	OS		MS	1	17.0
STATE OF ORISSA	VWBW	11	MER	MER	W	P W	BU	OS		MS	1	14.0
STATE OF UTTAR PRADESH	VWPQ	14	AN	MER	MER	W	P W	BU	OS	MS	1	16.0
VISHVA PRABHA	VWLJ	14	MER	MER	W	P W	BU	OS		MS	1	13.0
VISHVA SUDHA	VWRV	15	AN	MER	MER	W	P W	BU	OS	TMS	1	15.0

Supplementary Ships

APJ AKASH	VWPX	14	MER	MER	W					MS	1	16.0
APJ AMBIKA	ATAG	1	MER	MER	W					MS	1	15.0
APJ SUSHMA	VWPY	12	MER	MER	W					MS	1	16.0
ASHOK JAYANTI	VWSD	18	MER	MER	W					MS	1	14.0
BANDE NAWAZ	VWDB	12	AN	MER	W					MS	1	9.0
DAMODAR MANDОВI	VWJN	19	MER	MER	W					MS	1	17.0
DAMODAR MONDOVI	VWYW	12	AN	MER	W					MS	1	10.0
DESH BANDHU	VWBK	12	MER	MER	W					MS	1	19.0
GANDHI JAYANTI	VWSJ	18	AN	MER	MER	W				MS	1	15.0
INDIAN INDUSTRY	VWLG	14	MER	MER	W					MS	1	16.0

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INDIA

INDIAN RESOLVE	VWDN	20	MER	MER	W	TMS	1	16.0
INDIAN RESOURCE	VWDK	12	MER	MER	W	TMS	1	16.0
INDIAN SPLENDOUR	VWFP	20	MER	MER	W	MS	1	17.0
INDIAN STRENGTH	VWKP	14	MER	MER	W	MS	1	14.0
INDIAN TRADITION	VWLM	14	MER	MER	W	MS	1	15.0
INDIAN TRIUMPH	VWNW	20	MER	MER	W	MS	1	15.0
INDIAN TRUST	VWLN	20	MER	MER	W	MS	1	15.0
JAG KISAN	ATAE	18	MER	MER	W	MS	1	20.0
JAG LAXMI	VWFS	18	AN	MER	W	MS	1	15.0
JAG MANEK	VWVK	18	AN	MER	W	MS	1	18.0
JAG RATNA	VWTM	18	MER	MER	W	MS	1	15.0
JAG SHANTI	VWRC	18	AN	MER	W	M	1	15.0
JAG VIJAY	VWRB	18	AN	MER	W	MS	1	13.0
JAGAT NETA	ATAD	18	AN	MER	W	MS	1	
JALADHARTI	VWGX	15	MER	MER	W	M	1	16.0
JALACHIR	VWGY	15	MER	MER	W	TMS	1	16.0
JALADURGA	VWLT	14	MER	MER	W	TMS	1	15.0
JALADUTA	VWMM	15	MER	MER	W	MS	1	16.0
JALAGIRIJA	ATDM	15	MER	MER	W	MS	1	14.0
JALAGOMATI	VWBC	14	MER	MER	W	MS	1	14.0
JALAGOPAL	VWNX	15	AN	MER	W	M	1	16.0
JALAGOVIND	VWDW	14	MER	MER	W	MS	1	13.0
JALAJYOTI	ATAY	15	AN	MER	W	MS	1	
JALAKALA	VWRX	15	MER	MER	W	MS	1	14.0
JALAKANTA	VWVP	14	AN	MER	W	M	1	16.0
JALAKENDRA	VWBB	14	MER	MER	W	M	1	13.0
JALAKIRTI	VWQB	20	AN	MER	W	MS	1	13.0
JALAMAYA	VWDM	1	MER	MER	W	MS	1	10.0
JALAMOTI	VWFN	12	MER	MER	W	MS	1	11.0
JALAPANKHI	VWWX	20	MER	MER	W	M	1	16.0
JALARAJAN	ATAJ	14	AN	MER	W	M	1	15.0
JALARASHMI	ATAS	15	AN	MER	W	M	1	15.0

INDIA

JALARATNA	ATBA	15	MER	MER	W	M	1	15.0
JALAVEERA	VWCC	14	MER	MER	W	M	1	14.0
JALAVIJAYA	VWBR	20	AN	MER	MER	W	MS	1
JALAVIKRAM	VWBT	14	MER	MER	W	M	1	13.0
JALAVISHNU	VWBS	12	MER	MER	W	MS	1	17.0
KRISHNA JAYANTI	VWSF	18	MER	MER	W	MS	1	19.0
LAXMI JAYANTI	VWSK	19	MER	MER	W	MS	1	15.0
MAHA JAG MITRA	VWKZ	1	AN	MER	W	MS	1	
MAHA RAJA	VWZW	1	MER	MER	W	MS	1	15.0
MAHA VIKRAM	VWDC	12	MER	MER	W	MS	1	14.0
RAJA	GBCS	11	MER	MER	W	MS	1	13.0
RAMA JAYANTI	VWSG	18	MER	MER	W	MS	1	14.0
RANEE	GBCR	11	MER	MER	W	MS	1	
RATNA MAJUSHREE	VWTX	20	AN	MER	MER	W	MS	1
RATNA USHA	VWQS	20	AN	MER	W	MS	1	13.0
SAGAR SUDHA	VWMN	18	AN	MER	W	MS	1	
SHOMPEN	ATCH	2	MER	MER	W	MS	1	11.0
STATE OF ANDHRA	VWBD	18	MER	MER	W	MS	1	15.0
STATE OF KERALA	VWRD	14	AN	MER	W	MS	1	16.0
STATE OF MACHYA PRADESH	VWCK	15	MER	MER	W	MS	1	16.0
STATE OF MYSORE	VWCP	15	MER	MER	W	MS	1	
STATE OF PUNJAB	VWPR	8	MER	MER	W	M	1	14.0
STATE OF RAJASTHAN	VWPP	14	MER	MER	W	M	1	16.0
STATE OF WEST BENGAL	VWCG	15	AN	MER	W	M	1	14.0
VISHVA CHETANA	ATEL	14	AN	MER	W	MS	1	18.0
VISHVA JYOTI	VWLS	15	AN	MER	MER	W	MS	1
VISHVA KALYAN	VWXY	8	AN	MER	W	MS	1	
VISHVA KANTI	VWWB	14	MER	MER	W	MS	1	16.0
VISHVA KAUSHAL	VWXC	20	AN	MER	W	M	1	16.0
VISHVA KIRTI	VWLR	15	AN	MER	MER	W	MS	1
VISHVA KAHIMA	VWXW	8	AN	MER	W	MS	1	16.0
VISHVA MANGAL	VWQQ	15	AN	MER	W	MS	1	14.0

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INDIA

VISHVA MARGA	ATCS	10	AN	MER	W	MS	1	16.0	
VISHVA MAYA	VWQM	15	AN	MER	W	TMS	1	13.0	
VISHVA NIDHI	VWPM	14	AN	MER	MER	W	MS	1	14.0
VISHVA PRATAP	VWVX	11	AN	MER	MER	W	MS	1	16.0
VISHVA PREM	VWQL	15	AN	MER	W	MS	1	14.0	
VISHVA SANDESH	ATDY	8	MER	MER	W	MS	1	14.0	
VISHVA SHOBHA	VWXP	15	AN	MER	W	MS	1	16.0	
VISHVA SIDDHI	VWXR	15	AN	MER	W	MS	1	14.0	
VISHVA TILAK	VWXD	1	AN	MER	W	MS	1	17.0	
VISHVA USHA	VWLX	20	AN	MER	MER	W	MS	1	17.0
VISHVA VANDANA	ATDO	15	AN	MER	W	MS	1	17.0	
VISHVA VIBHUTI	VWYJ	8	AN	MER	MER	W	MS	1	
VISHVA VIJAY	VWXB	20	AN	MER	W	M	1	17.0	
VISHVA VIKAS	ATDJ	8	MER	MER	W	MS	1		
VISHVA VINAY	ATCR	12	AN	MER	W	MS	1	11.0	
VISHVA VIR	VWVQ	20	AN	MER	MER	W	MS	1	15.0

Auxiliary Ships

JAG ANAND	ATCU	1	AN			MS	1	
JAGAT MOHINI	ATEF	1	AN			MS	1	
KALYANI V	VWCS	1	AN			MS	1	
RUKMAVATI	VWWJ	1	AN			M	1	15.0
SAGAR RANI	VWDQ	1	AN			MS	1	
VISHVA ANAND	ATDE	13	AN			MS	1	14.0

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IRELAND

- 1 NORTH ATLANTIC
- 2 NORTH AMERICA - SOUTH AMERICA
- 3 CORK - CASABLANCA

IRELAND

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Selected Ships

IRISH POPLAR	EISK	1	AN*	MER	W	P W	BU	OS	MS	1
IRISH SPRUCE	EISR	1	AN*	MER	W	P W	BU	OS	MS	1
IRISH ALDER	EISQ	2	AN*	MER	W	P W	BU	OS	MS	1
IRISH PLANE	EITY	3	AN*	MER	W	P W	BU	OS	MS	1

* NEW TYPE PRECISION ANEROID BAROMETER
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ISRAEL

- 1 ISRAEL - EUROPE
- 2 ISRAEL - EUROPE - NORTH AMERICA
- 3 ISRAEL - MEDITERRANEAN
- 4 ISRAEL - NORTH AMERICA
- 5 ISRAEL - WEST AFRICA
- 6 ISRAEL - WEST AFRICA - EUROPE
- 7 WEST AFRICA - JAPAN
- 8 ELATH - SOUTH EAST AFRICA
- 9 CENTRAL AMERICA
- 10 ISRAEL - CENTRAL AMERICA
- 11 ELATH - EAST AFRICA - JAPAN
- 12 SOUTH AMERICA - JAPAN
- 13 EUROPE - GULF OF MEXICO
- 14 NORTH AMERICA - AUSTRALIA - NORTH AMERICA (CIRCUMGLOBAL)
- 15 WORLD - WIDE VOYAGES, NO FIXED ROUTE

ISRAEL

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Selected Ships

ALON	4XXF	5	AN	MER	S	P	S	C	SS		TMS	1
AMPAL	4XVK	4	AN	MER	S	P	S	C	SS		TMS	1
ARAD	4XSO	2	AN	MER	S	P	S	C	SS	HA	TMS	1
ASHDOD	4XMV	1	AN	MER	S	P	S	C	SS		TMS	1
AVEDAT	4XMC	4	AN	MER	S	P	S	C	SS		TMS	1
AVOCADOCORE	4XNR	2,9	AN	MER	S	P	S	C	SS		TMS	1
AZGAD II	4XNF	7	AN	MER	S	P	S	C			TM	
BANANACORE	4XNM	2,9	AN	MER	S	P	S	C	SS		TMS	1
BEER SHEVA	4XXL	11	AN	MER	S	P	S	C	SS		TMS	1
BESOR	4XMQ	12	AN	MER	S	P	S	C	SS		TMS	1
DALIA	4XNL	10	AN	MER	S	P	S	C			TMS	1
DANIELA	4XNB	1,3	AN	MER	S	P	S	C	SS		TMS	1
DEGANYA	4XXC	2	AN	MER	S	P	S	C	SS		TMS	1
DEROR	4XND	1	AN	MER	S	P	S	C	SS		TMS	1
DEVORA	4XMM	1	AN	MER	S	P	S	C	SS		TMS	1
ELA	4XNZ	5	AN	MER	S	P	S	C			TMS	1
ELAT	4XXH	4	AN	MER	S	P	S	C	SS		TMS	1
EN GEDI	4XMA	4	AN	MER	S	P	S	C	SS		TMS	1
ESHEL	4XXI	5	AN	MER	S	P	S	C	SS		TMS	1
ESHKOL	4XMK	2	AN	MER	S	P	S	C	SS		TMS	1
ESTHER	4XME	1	AN	MER	S	P	S	C	SS		TMS	1
ETROG	4XMJ	2	AN	MER	S	P	S	C	SS		TMS	1
GALILA	4XVE	5	AN	MER	S	P	S	C	SS		TMS	1
GEDERA	4XXD	2	AN	MER	S	P	S	C	SS		TMS	1
GEFFEN	4XQF	1	AN	MER	S	P	S	C	S		TMS	1
HADAR	4XMI	2	AN	MER	S	P	S	C	SS		TMS	1
HADAS	4XVC	3	AN	MER	S	P	S	C	S		TMS	1
HAIFA	4XVH	4	MER	MER	S	P	S	C	SS		TMS	1
HANNA	4XMN	1	AN	MER	S	P	S	C	SS		TMS	1
HAR BOKER	4XSR	15	AN	MER	S	P	S	C	SS		TMS	1
HAR CASTEL	4XSQ	15	AN	MER	S	P	S	C	SS		TMS	1

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HAR GILEAD	4XSM	9	AN	MER	S	P	S	C		TMS	1	
HAR RAMON	4XSL	9	AN	MER	S	P	S	C		TMS	1	
HAR SAGGI	4XSW	15	AN	MER	S	P	S	C	SS	TMS	1	
HAR CANAAN	4XSH	2	AN	MER	S	P	S	C		TMS	1	
HAR CARMEL	4XSF	2	AN	MER	S	P	S	C		TMS	1	
HAR GILBOA	4XSG	2	AN	MER	S	P	S	C		TMS	1	
HAR SINAI	4XSK	2	AN	MER	S	P	S	C		TMS	1	
HAR TABOR	4XSI	2	AN	MER	S	P	S	C		TMS	1	
HEHALUZ	4XNE	1	AN	MER	S	P	S	C	SS	TMS	1	
KEDMAH	4XVA	2	AN	MER	S	P	S	C	SS	TMS	1	
KESARYA	4XVM	8	AN	MER	S	P	S	C		TMS	1	
KESHET	4XXV	1,4	AN	MER	S	P	S	C	SS	HA	TMS	1
KINERET	4XYE	1	AN	MER	S	P	S	C		TMS	1	
LAKHISH	4XVQ	9	AN	MER	S	P	S	C	SS	TM		
LEA	4XMG	1	AN	MER	S	P	S	C	SS	TMS	1	
LEMON COR	4XNG	2	AN	MER	S	P	S	C	SS	TMS	1	
LEORA	4XVT	1	AN	MER	S	P	S	C	SS	MS	1	
MANDARINCORE	4XQJ	13	AN	MER	S	P	S	C	SS	TMS	1	
MANGOCORE	4XNJ	2,9	AN	MER	S	P	S	C	SS	TMS	1	
MAZAL	4XMB	11	AN	MER	S	P	S	C	SS	TMS	1	
MEZADA	4XXE	4	AN	MER	S	P	S	C	SS	TMS	1	
MIRYAM	4XMD	1	AN	MER	S	P	S	C	SS	TMS	1	
MOLEDET	4XXN	3	AN	MER	S	P	S	C	SS	TMS	3	
NAHARIYA	4XXB	2	AN	MER	S	P	S	C	SS	TMS	1	
NEGBA	4XVV	4	MER	MER	S	P	S	C	SS	TMS	1	
NETANIYA	4XXA	2	AN	MER	S	P	S	C	SS	TMS	1	
NOGA	4XXW	1,4	AN	MER	S	P	S	C	SS	TMS	1	
NOGA	4XXU	1,4	AN	MER	S	P	S	C	SS	TMS	1	
PAL YAM	4XQG	1	AN	MER	S	P	S	C		TMS	1	
PALMACH	4XWI	1	AN	MER	S	P	S	C		TMS	1	
PERSIMMONCORE	4XQK	13	AN	MER	S	P	S	C	SS	TMS	1	
RACHEL	4XMH	1	AN	MER	S	P	S	C	SS	TMS	1	
RIVKA	4XXZ	1	AN	MER	S	P	S	C	SS	TMS	1	
SAHAR	4XXU	11	AN	MER	S	P	S	C	SS	TMS	1	

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ISRAEL

SARA	4XMF	1	AN	MER	S	P	S	C	SS		TMS	1
SHALOM	4XTT	2	MER	MER	S	P	S	C	SS	HA	TMS	6
SHAVIT	4XXT	11	AN	MER	S	P	S	C	SS		TMS	1
SHIQMA	4XXJ	5	AN	MER	S	P	S	C	SS		TMS	1
SHOMROM	4XWQ	4	MER	MER	S	P	S	C	SS	HA	TMS	1
TAMAR	4XMR	1	AN	MER	S	P	S	C	SS		TMS	1
TANGERINECORE	4XQL	14	AN	MER	S	P	S	C	SS		TMS	1
TEL AVIV	4XSJ	2	AN	MER	S	P	S	C	SS		TMS	1
TEVERYA	4XXG	11	AN	MER	S	P	S	C	SS		TMS	1
TIMNA	4XXO	10	AN	MER	S	P	S	C	SS		TMS	1
TSEDEK	4XXY	12	AN	MER	S	P	S	C	SS		TMS	1
YAFO	4XML	2	AN	MER	S	P	S	C	SS		TMS	1
YARDEN	4XYD	1	AN	MER	S	P	S	C	SS		TMS	1

Supplementary Ships

AZGAD	4XNH	7	AN	MER	S	P	S	C			TMS	1
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ITALY

1 AMERICA - NORTHERN EUROPE - AUSTRALIA
2 ASIA - AUSTRALIA
3 AUSTRALIA - MEDITERRANEAN - RED SEA - INDIAN OCEAN - SOUTH PACIFIC - EGYPT - INDIA - AUSTRALIA
4 CENTRAL AMERICA
5 CENTRAL MEDITERRANEAN
6 EAST AFRICA - MEDITERRANEAN
7 EUROPE - CENTRAL AMERICA
8 GREECE - ISRAEL
9 INDIA - THE FAR EAST
10 ITALY - AUSTRALIA
11 ITALY - NORTH SEA
12 MEDITERRANEAN
13 MEDITERRANEAN - ATLANTIC - CENTRAL AMERICA
14 MEDITERRANEAN - BRAZIL
15 MEDITERRANEAN - CAPE TOWN
16 MEDITERRANEAN - CENTRAL AMERICA - SOUTH PACIFIC
17 MEDITERRANEAN - EGYPT - LEBANON
18 MEDITERRANEAN - GREECE
19 MEDITERRANEAN - NORTH AMERICA
20 MEDITERRANEAN - NORTH ATLANTIC
21 MEDITERRANEAN - NORTH ATLANTIC - NEW YORK
22 MEDITERRANEAN - NORTH SEA
23 MEDITERRANEAN - RED SEA - INDIAN OCEAN
24 MEDITERRANEAN - RED SEA - INDIAN OCEAN - PACIFIC
25 MEDITERRANEAN - SOUTH ATLANTIC
26 MEDITERRANEAN - SOUTH PACIFIC
27 NORTH AMERICA - CENTRAL AMERICA
28 NORTH ATLANTIC
29 NORTHERN EUROPE - CENTRAL AMERICA
30 PORT SAID - SYDNEY
31 RED SEA - INDIAN OCEAN
32 SOUTH AMERICA
33 SPAIN - SOUTH AMERICA
34 SPAIN - VENEZUELA - ANTILLES
35 SPAIN - VENEZUELA - INDIAN OCEAN
36 VENEZUELA - SPAIN - ANTILLES
37 MEDITERRANEAN - ANTILLES - CENTRAL AMERICA - POLYNESIA - NEW HEBRIDES - NEW CALEDONIA - EASTERN AUSTRALIA

ITALY

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Selected Ships

AFRICA	ICAI	15	AN	MER	S	P S	C	OS		TMS 3	16.0	
ANDREA 'C'	IBJW	12,32	AN	MER	S	P VS	BU	OS		TMS 3	18.0	
ANNA 'C'	ICKA	12,13,32	AN	MER	VS	P VS	BU			TMS 3	26.0	
ARBOREA	ICAK	5	AN	MER	S	P S	C	SS	ST	TM 1	12.0	
ASIA	IBBA	23	AN	MER	S	P S	C	OS		TMS 3	16.0	
AUGUSTUS	ICBB	12,32	AN	MER	S	P S	C	OS	MAX MIN	TMS 4	21.0	
AURELIA	ICAR	28	AN	MER	VS	P VS	C	SS		S 3	12.0	
AUSONIA	IBAX	17	AN	MER	US	P US	C	OS		TMS 2	14.0	
CALABRIA	IBCG	5	AN	MER	S	P S	C	OS	MAX	TMS 1	13.0	
CAMPANIA FELIX	IBDU	5	AN	MER	S	P S	C	OS	MAX	TMS 1	13.0	
CARALIS	ICCW	5	AN	MER	S	P S	C	SS	ST	TM 1	12.0	
CARIBIA	ICOF	12	AN	MER	S	H S	C	SS	MAX MIN	MS 2	20.0	
CITTA DI ALESSANDRIA	ICQA	5	AN	MER	S	P S	BU	SS		M 1	9.0	
CITTA DI TUNISI	IBHF	5	AN	MER	S	P S	C	OS		TM 2	12.0	
CRISTOFORO COLOMBO	ICCA	21		MER	S	P S	C	SS	MAX MIN	TMS 4	23.0	
DONIZETTI	ICBI	16	AN	MER	S	P S	C	SS		TMS 3	16.0	
ENOTRIA	IBBS	8	AN	MER	VS	P VS	C	OS		TMS 2	12.0	
ESPERIA	IBCC	17	AN	MER	S	P S	C	OS		TMS 2	14.0	
EUROPA	IBMP	15	AN	MER	S	P S	C	OS		TMS 3	16.0	
FEDERICO 'C'	IBFW	12,13,32	AN	MER	S	P VS	BU	OS	8A	TMS 3	35.0	
FRANCA 'C'	ICKP	12,27	AN			P S	BU	OS		TMS 3	20.0	
GALILEO GALILEI	ICGN	3	AN	MER	MER	S	P S	C	OS	A AG	TMS 3	19.0
GIULIO CESARE	ICAV	12,32	AN	MER	S	P S	C	OS	MAX MIN	TMS 4	21.0	
GUGLIELMO MARCONI	IBBG	3	AN	MER	MER	S	P S	C	OS	A AG	TMS 3	19.0
IRPINIA	ICIR	13	AN	MER	S	H S	C	SS		TMS 3	16.0	
LAZIO	IBEN	5	AN	MER	S	P S	C	OS		TMS 1	13.0	
LEONARDO DA VINCI	ICLN	21	AN	MER	S	P S	C	OS	MAX MIN	TMS 4	23.0	

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MESSAPIA	IBHM	8	AN	MER	VS	P	C	OS		TMS	2	12.0
MICHELANGELO	ICVI	21	AN	MER	S	P	S	C	OS	MAX	MIN	TMS 5 24.0
RAFFAELLO	IBLO	21	AN	MER	S	P	S	C	OS	MAX	MIN	TMS 5 24.0
ROMA	ICRB	3	AN	MER	MER	VS	US	P	VS	US	C	OS TMS 3 16.0
ROSSINI	ICOS	16	AN	MER	S	P	S	C	OS			TMS 3 16.0
SARDEGNA	IBIV	5	AN	MER	S	P	S	C	OS			TMS 1 13.0
SICILIA	IBJR	5	AN	MER	MER	S	P	S	C	SS	ST	TMS 1 13.0
VERDI	ICBF	16	AN	MER	S	P	S	C	OS	ST		TMS 3 16.0
VICTORIA	IBLV	23	AN	MER	S	P	S	C	OS	MAX	MIN	TMS 3 16.0

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JAPAN

- 1 ANTARCTIC WHALING GROUNDS
- 2 AROUND THE WORLD
- 3 AUSTRALIA - NEW ZEALAND
- 4 BANGKOK
- 5 BLACK SEA
- 6 BRITISH COLUMBIA - U.S. EAST COAST
- 7 CENTRAL AND SOUTH AMERICA
- 8 EUROPE
- 9 FISHING GROUNDS - NORTHERN PACIFIC OCEAN
- 10 HONG KONG
- 11 INDONESIA - INDIA - PAKISTAN
- 12 MALAYSIA
- 13 NEW CALEDONIA IS.
- 14 NEW YORK
- 15 NEW YORK - EUROPE
- 16 NORTH BORNEO
- 17 ORIENT
- 18 PERSIAN GULF
- 19 PHILIPPINES
- 20 RANGOON
- 21 RANGOON - INDIA - PAKISTAN
- 22 SOUTH AFRICA - EAST AFRICA
- 23 SOUTH AMERICA
- 24 SUMATRA
- 25 TAIWAN
- 26 U.S. EAST COAST - SOUTH AFRICA
- 27 U.S. GULF COAST - CARIBBEAN
- 28 VARIABLE
- 29 WEST AFRICA
- 30 WEST COAST OF NORTH AMERICA

JAPAN

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Selected Ships

Ship Name	Code	Days	AN	AL	S	P	S	BU		TMS	2	15.0	23.0
AIZU MARU	JDBB	27	AN	AL	S	P	S	BU	A	TMS	2	15.0	23.0
AKAGI MARU	JCJC	28	AN	AL	S	P	S	BU	A	TMS	2	14.0	20.0
AKAGISAN MARU	JRYF	7,27	AN	AL	S	P	S	BU	MAX MIN A A	TMS	2	13.0	21.0
AKASHISAN MARU	JFFQ	2	AN	MER	S	P	S	C	MAX MIN A	TMS	2	15.0	20.0
AKI MARU	JDRF	3	AN	AL	S	P	S	BU	A	TMS	2	15.0	23.0
AKIBASAN MARU	JAEG	8,22	AN	MER	VS	P	VS	BU	MAX MIN A	TMS	2	14.0	16.0
AKITA MARU	JAUU	27	AN	MER	S	P	S	BU	A	TMS	2	6.0	13.0
ALASKA MARU	JGFH	30	AN	MER	S	P	S	C	A	TMS	2	18.0	31.0
AMAGISAN MARU	JNZE	18	AN	MER	S	P	S	C	A	MS	2	14.0	20.0
AMERICA MARU	JNXV	30	AN	AL	VS	P	VS	C	A	TMS	2	22.0	35.0
ANAKAN MARU	JFUG	19	AN	AL	S	P	S	BU	A	TMS	2	12.0	18.0
ANDES MARU	JCBO	28	AN	MER	SL	P	SL	BU	SS MAX MIN A	TMS	2	10.0	26.0
ANDES MARU	JDSC	8,22	AN	AL	VS	P	VS	BU	SS A	TMS	2	14.0	17.0
ANYO MARU	JIWL	19	AN	MER AL	VS	P	VS	C	A	MS	1	14.0	26.0
ARGENTINA MARU	JJJS	7	AN	AL	S	P	S	BU	A	MS	3	15.0	17.0
ARIMA MARU	JGSL	3	AN	AL	S	P	S	BU	A	TMS	2	15.0	23.0
ARITA MARU	JNUB	3	AN	AL	A	P	A	BU	A	TMS	2	15.0	24.0
ARIZONA MARU	JNIA	22	AN	AL	VS	P	VS	BU	A	TMS	2	14.0	20.0
ASAMA MARU	JEFF	6	AN	AL	S	P	S	BU	A	TMS	2	15.0	23.0
ASHBY MARU	JFGD	30	AN	AL	S	P	S	BU	A	TMS	2	16.0	20.0
ASIA MARU	JHWW	18	AN	AL	S	P	S	C	A	MS	2	15.0	28.0
ASIA MARU NO 2	JRLX	18	AN	AL	S	P	S	C	A	TMS	2		
ASIA MARU NO 3	JPJZ	18	AN	AL	S	P	S	C	A	TMS	2	14.0	23.0
ASO MARU	JQVV	27	AN	AL	S	P	S	BU	A	TMS	2	14.0	23.0
ASTORIA MARU	JATR	27	AN	AL	S	P	S	BU	A	TMS	2	15.0	23.0

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JAPAN

ATAGO MARU	JQYV	28	AN	MER	S	P S	C	A	MS	2	14.0	29.0
ATAMI MARU	JJVN	27	AN	AL	S	P S	BU	A	TMS	2	15.0	23.0
ATLANTIC MARU	JIJH	3,8,30	AN	AL	S	P S	C	A	TMS	2	14.0	19.0
ATSUTA MARU	JEKU	27	AN	AL	S	P S	BU	A	MS	2	15.0	20.0
AWAJISAN MARU	JGNK	29	AN	AL	S	P S	C	HA A	TMS	2	14.0	26.0
AWATA MARU	JAFE	22	AN	AL	S	P S	BU	A	TMS	2	15.0	23.0
AWOBASAN MARU	JQHN	8,22	AN	AL	VS	P VS	BU	A	TMS	2	15.0	37.0
BARCELONA MARU	JLBB	2	AN	AL	S	P S	BU	MAX MIN A	TMS	2	16.0	24.0
BERGEN MARU	JKYB	2	AN	AL	S	P S	BU	MAX MIN A	TMS	2	16.0	24.0
BOMBAY MARU	JETY	18	AN	AL	S	P S	BU	MAX MIN A	TMS	2	15.0	20.0
BOSTON MARU	JQOS	14	AN	AL	S	P S	BU	MAX MIN A	TMS	2	13.0	19.0
BRAZIL MARU	JDHB	23	AN	MER	S	P S	BU	A	TMS	3	16.0	26.0
BREMEN MARU	JKKU	8	AN	AL	S	P S	C	A	TMS	2	17.0	25.0
BRIDGESTONE MARU NO 2	JMRP	18	AN	AL	S	P S	C	HA	TMS	3		
BRISTOL MARU	JKGO	2	AN	AL AL	S	P S	C	A	TMS	2	17.0	25.0
BROOKLYN MARU	JKAX	14	AN	AL	VS	P VS	C	A	MS	2	15.0	21.0
BUENOS AIRES MARU	JNGO	29	AN	MER	S	P S	BU	A	MS	2	12.0	
BUKO MARU	JJGE	30	AN	MER AL	S	P S	C	A	TMS	2	17.0	28.0
CACTUS MARU	JQWS	18	AN	AL	S	P S	BU	SS A	TMS	2	10.0	14.0
CALEDONIA MARU	JDRO	28	AN	AL	S	P S	BU	MAX MIN A	TMS	2	15.0	30.0
CARACAS MARU	JPIY	7,14,27	AN	AL	VS	P VS	BU	A	TMS	2	18.0	33.0
CHICAGO MARU	JGHW	14	AN	AL	S	P S	C	MAX MIN A	MS	2	13.0	23.0
CHICHIBU MARU	JIVP	9	AN	MER	S	P S	BU	SS A	TMS	3	16.0	24.0
CHIYO MARU	JHKF	1,9	AN	MER ELE	S	P S	C	SS ST A	TMS	4	14.0	18.0
CHOWA MARU	JIRW	28	AN	AL	S	P S	C	HA	MS	2		
COLORADO MARU	JFAC	14	AN	AL	S	P S	C	A	TMS	2	15.0	24.0

JAPAN

CRISTOBAL MARU	JPKU	14	AN	AL	VS	P VS	BU		A	TMS 2	18.0	33.0
DAIEI MARU	JGFL	18	AN	AL	VS	P VS	C		A	TMS 2	15.0	27.0
DAIKO MARU	JINL	8,18,30	AN	MER AL	S	P S	C		A A	TMS 2	24.0	34.0
DAIWA MARU	JCNK	30	AN	AL	S	P S	BU		A	TMS 3		
DANPIA MARU	JHLO	3,23,30	AN	MER	S	P S	C		A	TMS 2	24.0	31.0
DONAU MARU	JQCY	8,18,30	AN	MER AL	S	P S	C		A	TMS 2	22.0	34.0
DOVER MARU	JMGV	8,18,30	AN	MER	S	P S	C		MAX MIN A	TMS 2	22.0	40.0
DOWA MARU	JDRB	3,30	AN	MER	S	P S	C		A	TMS 2	17.0	27.0
EIKO MARU	JPCL	3	AN	MER	S	P S	C		A	TMS 2	16.0	28.0
EISHIN MARU	JDQF	23	AN	AL	S	P S	BU		HA	MS 2	14.0	
ENYO MARU	JMFU	3,30	AN	AL	S	P S	C		MAX MIN A	MS 2	15.0	
EUPHRATES MARU	JLII	18	AN	AL	S	P S	C		A	TMS 2	15.0	24.0
EVERETT MARU	JFFU	30	AN	AL	S	P S	BU		A	MS 2	15.0	26.0
FLORIDA MARU	JLXX	27	AN	AL	S A	P S A	C		MAX MIN A	TMS 2	14.0	25.0
FRANCE MARU	JRZR	8	AN	AL	S	P S	C		MAX MIN A	TMS 2	16.0	29.0
FUGO MARU	JMUW	3	AN	AL	S	P S	C	SS	MAX MIN A	MS 2	9.0	29.0
FUJI MARU	JNHV	28	AN	MER	S	P S	C		MAX MIN A	TMS 2	7.0	32.0
FUJISAN MARU	JKEF	23	AN	AL	S	P S	C		A	TMS 2	21.0	31.0
FUUKI MARU	JKQP	23	AN	AL	S	P S	C	SS	HA A	MS 2	20.0	38.0
GANGES MARU	JAIN	30	AN	MER AL	S	P S	C		A	TMS 2	16.0	28.0
GEKKO MARU	JIPV	18	AN	MER AL	S	P S	C		A	TMS 3	28.0	40.0
GENEI MARU	JMNN	27	AN	AL	S	P S	C C		A	MS 2	7.0	10.0
GERALDTON MARU	JQWY	3	AN	AL	S	P S	C		A	TMS 2	20.0	23.0

JAPAN

GINKO MARU	JAGH	18	AN	MER AL	S	P S	C		A	TMS 3	16.0	28.0
GINSEI MARU	JFAU	13	AN	MER AL	S	P S	C		A	MS 1	13.0	25.0
GLORIA MARU	JLDY	14,30	AN	AL	S	P S	BU		A	TMS 2	14.0	20.0
GOHKO MARU	JDPV	18	AN	AL	S	P S	C		A	TMS 2	25.0	33.0
GOHO MARU	JMJG	18	AN	MER	VS	P VS	C	SS	A	MS 2	15.0	27.0
GOLDEN GATE BRIDGE	JPZD	30	AN	MER	S	P S	C		MAX MIN A	TMS 2	21.0	30.0
GUATEMALA MARU	JPAD	7,27	AN	MER	S	P S	C		MAX MIN A	MS 2	15.0	26.0
HAGOROMO MARU	JMDD	27	AN	AL	S	P S	BU		MAX MIN A	TMS 2	17.0	29.0
HAGUE MARU	JHGW	3,14	AN	AL	VS	P VS	BU		A	TMS 2	10.0	26.0
HAGURCSAN MARU	JJFV	8,29	AN	AL	S	P S	BU		A	TMS 2	15.0	22.0
HAKONE MARU	JKIC	30	AN	AL	S	P S	C		MAX MIN A	TMS 2	22.0	35.0
HAKONESAN MARU	JENF	14	AN	AL	S	P S	BU		MAX MIN A	TMS 2	15.0	20.0
HAMBURG MARU	JKMY	14	AN	AL	S	P S	BU		MAX MIN A	TMS 2	15.0	24.0
HAMPTON MARU	JIRQ	8,14	AN	AL	S	P S	BU		A	TMS 2	16.0	24.0
HARRIET MARU	JDUG	3	AN	AL	S	P S	BU		A	TMS 2	15.0	19.0
HARUNA MARU	JJKQ	30	AN	AL	S	P S	C	SS	MAX MIN A	TMS 2	23.0	37.0
HARUNASAN MARU	JDQJ	29	AN	MER	VS	P VS	BU		MAX MIN A	TMS 2	14.0	20.0
HAVANA MARU	JEGR	8	AN	AL	S	P S	BU		MAX MIN A	TMS 2	15.0	26.0
HAWAII MARU	JKJW	3	AN	AL	S	P S	BU		A	TM 6	15.0	25.0
HEIAN MARU	JEQI	11	AN	AL	S	P S	BU		A	TMS 2	13.0	22.0
HEIYO MARU	JACU	8	AN	AL	S	P S	BU		A	TMS 2	15.0	23.0
HIKO MARU	JKTV	3	AN	MER AL	S	P S	C		A	TMS 3	16.0	28.0

JAPAN

HIKONE MARU	JDMY	22	AN	AL	S	P S	BU	SS	A	MS 2	15.0	19.0
HIMEJI MARU	JBUI	17	AN	AL	S	P S	BU		MAX MIN A	TMS 2	14.0	18.0
HIRO MARU	JRLC	30	AN	AL	S	P S	C		HA	TMS 2	17.0	
HOCAKASAN MARU	JJGR	23	AN	AL	VS	P VS	BU		MAX MIN A	TMS 2	14.0	20.0
HOEISAN MARU	JELS	29	AN	AL	VS	P VS	BU		MAX MIN A	TMS 2	13.0	22.0
HOKO MARU	JPAE	3,11	AN	MER AL	S	P S	C		A	TMS 2	18.0	30.0
HONDURAS MARU	JRIE	28	AN	MER AL	S	P S	BU		MAX MIN A	TMS 2	15.0	27.0
HONMOKU MARU	JNTV	30	AN	MER	S	P S	C		MAX MIN A A	TMS 2	15.0	30.0
HONOLULU MARU	JKNP	14	AN	AL	S	P S	BU		MAX MIN A	TMS 2	12.0	24.0
HORAI MARU	JMOU	3	AN	MER	S	P S	BU		MAX MIN A	MS 2	14.0	
HOUSTON MARU	JAHF	14,29	AN	AL	S	P S	BU		MAX MIN A	TMS 2	13.0	23.0
HOWA MARU	JBWB	30	AN	AL	S	P S	BU		A	TMS 3		
HOZAN MARU	JMOQ	13	AN	AL	S	P S	C	SS	A	TMS 2	15.0	25.0
HOZUI MARU	JDJX	8	AN	MER	S	P S	BU		HA	MS 2	12.0	
HUDSON MARU	JEHF	14	AN	AL	VS	P VS	BU		MAX MIN A	TMS 2	15.0	26.0
IBARAGI MARU	JHEP	5,17	AN	AL	S	P S	BU		A	TMS 2	18.0	28.0
INDUS MARU	JPIH	30	AN	MER AL	S	P S	C		A	TMS 2	16.0	25.0
ISE MARU	JPLE	17	AN	MER	S	P S	BU		A	TMS 2	15.0	24.0
ITSUKUSHINA MARU	JHUS	1	AN	MER AL	SL	P SL	C	SS	MAX MIN A	TMS 4	14.0	18.0

JAPAN

IWAKI MARU	JMVV	17	AN	AL	S	P S	BU	A	TMS 2	16.0	24.0
IWASHIRO MARU	JGXD	5,8,22	AN	MER	S	P S	BU	A	TMS 2	17.0	25.0
IWATE MARU	JFXH	5,17	AN	AL	S	P S	C	MAX MIN A	TMS 2	18.0	28.0
IYO MARU	JPIB	17	AN	AL	S	P S	BU	A	TMS 2	16.0	24.0
IZUMI MARU	JFSW	5	AN	AL	S	P S	BU	MAX MIN A	TMS 2	18.0	24.0
IZUMO MARU	JGSS	5,22	AN	AL	S	P S	BU	MAX MIN A	TMS 2	18.0	26.0
IZUMO MARU	JQBU	18	AN	AL	S	P S	C	A	TMS 2	24.0	34.0
JAPAN AMBASSADOR	JDDT	30	AN	MER	S	P S	C	ST A	TMS 2	16.0	28.0
JAPAN AZALEA	JEHV	30	AN	AL	S	P S	C C	A	TMS 2	14.0	27.0
JAPAN CAMELLIA	JFSS	18,30	AN	MER AL	VS	P VS	BU C	A	TMS 2	23.0	34.0
JAPAN CANNA	JLKJ	18	AN	AL	S	P S	C	A	TMS 2	30.0	46.0
JAPAN CEDAR	JDWJ	3,30	AN	AL	S	P S	BU C	A	TMS 2	20.0	33.0
JAPAN CHERRY	JKAB	8,17	AN	MER	S	P S	C	A	TMS 2	21.0	36.0
JAPAN DAHLIA	JGQQ	28	AN	MER	S	P S	BU	A	TMS 3		
JAPAN ELM	JQJB	30	AN	AL	S	P S	C	A	TMS 3		
JAPAN HOLY	JGSK	30	AN	AL	S	P S	C	MAX MIN A	MS 2	15.0	32.0
JAPAN HYACINTH	JMYP	18	AN	AL	S	P S	C	A	TMS 2	25.0	39.0
JAPAN KAURI	JNJV	3	AN	AL	S	P S	C	A	TMS 2	16.0	22.0
JAPAN LAUREL	JKHH	30	AN	AL	S	P S	C	MAX MIN A	TMS 2	16.0	26.0
JAPAN LILAC	JJNI	8,18	AN	AL	S	P S	C	A	MS 2	24.0	35.0
JAPAN LILY	JPNS	17	AN	AL	S	P S	C	A	TMS 2	21.0	36.0
JAPAN MAGNOLIA	JGBP	2	AN	AL	S	P S	C	A	MS 2	21.0	33.0
JAPAN MAPLE	JFMC	3,30	AN	AL	S	P S	C	A	TMS 2	21.0	35.0
JAPAN MARGUERITE	JEFD	18	AN	AL	S	P S	C	A	TMS 2	31.0	45.0
JAPAN OAK	JNNB	22	AN	AL	S	P S	C	A	TMS 2	19.0	32.0
JAPAN PALM	JGWK	16	AN	AL	S	P S	BU	HA	TMS 1	15.0	
JAPAN PINE	JPFR	28	AN	AL	S	P S	C	HA	TMS 2		

JAPAN

JAPAN RIMU	JFKW	3	AN	AL	S	P S	C		A	TMS 2	16.0	29.0
JAPAN ROSE	JPEW	28	AN	AL	S	P S	C		HA	TMS 3		
JAPAN TEAK	JNEJ	16,19	AN	AL	S	P S	C		A	MS 2		
JAPAN TOTARA	JHJN	3	AN	AL	S	P S	C		A	TMS 2	16.0	28.0
JAPAN WISTERIA	JPOJ	28	AN	MER	A	P A	C		A	TMS 2	23.0	35.0
JINEI MARU	JNAD	18	AN	AL	S	P S	C C	SS	A	MS 2	7.0	12.0
JINKO MARU	JPWO	30	AN	MER AL	S	P S	C		A	TMS 2	17.0	28.0
JUZAN MARU	JMHN	30	AN	AL	S	P S	C		HA	TMS 2		
K.D. D MARU	JGOC	28	AN	AL	S	P S	BU	OS SS	MAX MIN HA A	TMS 3	13.0	22.0
KAGA MARU	JFJK	8	AN	AL	S	P S	BU		A	TMS 2	16.0	24.0
KAGOSHIMA MARU	JHMO	11	AN	AL	S	P S	BU		A	MS 2	16.0	26.0
KAHO MARU	JFVQ	18	AN	AL	S	P S	C	SS	A	TMS 2	12.0	18.0
KAI MARU	JNBM	8	AN	AL	S	P S	BU		A	TMS 2	16.0	24.0
KAIEI MARU	JNOU	18	AN	AL	S	P S	C		A	TMS 2	19.0	37.0
KAKUHO MARU	JHRF	18	AN	MER	VS	P VS	C	SS	A	MS 2	14.0	26.0
KAKUSEI MARU	JPEZ	16	AN	MER AL	S	P S	C		A	TMS 1	15.0	28.0
KAMIJI MARU	JCZM	18	AN	AL	S	P S	C		A	MS 2	14.0	21.0
KAMO MARU	JKCY	30	AN	AL	S	P S	C	SS	A	TMS 2	15.0	
KASEI MARU	JMES	13	AN	MER AL	S	P S	C		A HA A	TMS 1	14.0	26.0
KASHIMA MARU	JNTM	9	AN	AL	S SL	P S SL	C	SS	A	TMS 4	15.0	24.0
KASUGA MARU	JNGX	18	AN	MER	S	P S	C		MAX MIN A	TMS 2	25.0	34.0
KASUGA MARU	JETB	18,21	AN	AL	S	P S	C		MAX MIN A	TMS 2	23.0	35.0
KASUGASAN MARU	JKKV	14	AN	AL	S	P S	C		A	TMS 2	13.0	21.0
KAWACHI MARU	JGDN	8	AN	AL	S	P S	BU		MAX MIN A	TMS 2	17.0	26.0
KEISHO MARU	JGYJ	30	AN	AL	VS	P VS	C		A	MS 2	14.0	24.0
KIBI MARU	JHVD	18	AN	AL	S	P S	C		A	MS 2	14.0	24.0

JAPAN

KIEFU MARU	JQNL	8,18,30	AN	MER AL	S	P S	C		A	TMS 2	22.0	34.0
KIHO MARU	JEIO	18	AN	AL	S	P S	C	SS	A	TMS 2	19.0	35.0
KII MARU	JMZH	8	AN	AL	S	P S	BU		A	TMS 2	16.0	24.0
KIMI MARU	JPLN	28	AN	MER	VS	P VS	C		A	TMS 2	21.0	33.0
KIMIHATA MARU	JETT	3	AN	MER	S	P S	C		MAX MIN HA A	TMS 2	23.0	29.0
KIMITSUSAN MARU	JPAN	18,23	AN	AL	VS	P VS	C		A	TMS 2	23.0	35.0
KINKASAN MARU	JQPD	6	AN	AL	S	P S	C		A	TMS 2	13.0	21.0
KINSEI MARU	JEYF	11	AN	MER AL	S	P S	C		A	TMS 1	13.0	25.0
KINYO MARU	JMXT	30	AN	MER	VS	P VS	C	SS	A	MS 2	16.0	32.0
KIRISHIMA MARU	JMZG	28	AN	AL	VS	P VS	C		A	TMS 2	18.0	29.0
KISHU MARU	JKEV	28	AN	AL	VS	P VS	C		A	TMS 2	20.0	25.0
KISOGAWA MARU	JQAW	18	AN	AL	S	P S	C	SS	A	TMS 2	26.0	40.0
KIZAN MARU	JBRH	9	AN	MER	S	P S	BU	SS	A	TMS 3	16.0	20.0
KOBU MARU	JGVR	14	AN	AL	S	P S	C		HA A	TMS 2	14.0	27.0
KOCHU MARU	JHOK	7,14 30	AN	MER	VS	P VS	C		HA	MS 3		
KODO MARU	JNRT	30	AN	AL	S	P S	C		MAX MIN A	MS 3	16.0	31.0
KOEI MARU	Jafa	18	AN	AL	S	P S	C C	SS	A	MS 2	9.0	16.0
KOHFUKUSAN MARU	JLGJ	8,18	AN	AL	S	P S	BU		A	TMS 2	22.0	37.0
KOHOH MARU	JGJY	14	AN	AL	S	P S	C		HA A	TMS 2	14.0	20.0
KOIKU MARU	JJFS	6	AN	AL	VS	P VS	C		A	MS 2	13.0	29.0
KOKKO MARU	JJRT	18	AN	MER AL	S	P S	C		A A	TMS 2	24.0	36.0
KOKOH MARU	JRBB	3,30	AN	AL	VS	P VS	C		A	TMS 2	19.0	26.0
KOKURA MARU	JKEC	3	AN	MER	S	P S	C		A	TMS 2	17.0	29.0
KOKUSAI MARU	JJPU	3	AN	MER AL	S	P S	C		A	MS 2	14.0	28.0
KOKUSAI MARU	JQHV	11,30	AN	MER	S	P S	C		A	MS 2	15.0	27.0
KOKUSAI MARU NO 2	JQSC	8,10	AN	AL	S	P S	C		A	TMS 2	14.0	28.0

JAPAN

KOKYO MARU	JMVT	30	AN	AL	VS	P VS	C		HA	MS	2	12.0	
KORAI MARU	JBDK	7,30	AN	AL	S	P S	C		A	TMS	2	14.0	18.0
KOSEI MARU	JJQN	3	AN	MER AL	S	P S	C		A	MS	2	14.0	28.0
KOSOH MARU	JNIH	30	AN	AL	S	P S	C		A	TMS	2	13.0	25.0
KOTEI MARU	JJHN	8	AN	AL	S	P S	C		A	TMS	3	13.0	22.0
KOTEN MARU	JBEO	8,10	AN	AL	VS	P VS	C		A	TMS	2	15.0	21.0
KOWA MARU	JKPU	10	AN	AL	S	P S	C		HA	MS	2	14.0	
KURE MARU	JRAL	30	AN	AL	S	P S	BU		A	MS	2	17.0	30.0
KYOHO MARU	JAWR	9	AN	MER	S	P S	BU	SS	A MIN A	TMS	3	12.0	20.0
KYOKKO MARU	JLXX	30	AN	MER AL	S	P S	C		A	TMS	2	16.0	25.0
LAPLATA MARU	JJUC	29	AN	MER	S	P S	BU		A	TMS	2	13.0	20.0
LONDON MARU	JDEE	30	AN	AL	S	P S	BU		A	TMS	2	15.0	20.0
LONG BEACH MARU	JHXV	7	AN	AL	VS	P VS	C		A	TMS	2	22.0	34.0
MADRAS MARU	JRBJ	4,18	AN	AL	S	P S	C		A	TMS	2	11.0	21.0
MALACCA MARU	JFCU	27	AN	AL	S	P S	C		MAX MIN A	TMS	2	10.0	22.0
MALAY MARU	JIIO	27	AN	AL	S	P S	BU		A	MS	2	12.0	18.0
MANHATTAN MARU	JLWX	14	AN	AL	S	P S	C		A	MS	2	13.0	22.0
MANILA MARU	JEOM	22	AN	AL	S	P S	BU		A	TMS	2	16.0	24.0
MANJUSAN MARU	JDBS	2	AN	AL	S	P S	BU		A	TMS	2	14.0	22.0
MARUSUMI MARU	JIVA	30	AN	AL	S	P S	BU		HA A	MS	2	19.0	31.0
MATSUDOSAN MARU	JHPT	8	AN	AL	S	P S	BU		A	TMS	2	14.0	23.0
MATSUSHIMA MARU	JECY	27,30	AN	AL	VS	P VS	BU	SS	HA	MS	3	14.0	20.0
MATSUSHIMA MARU NO 2	JQXS	18	AN	AL	S SL	P S	C	SS	A	TMS	2	15.0	26.0
MAYASAN MARU	JEFV	2	AN	AL MER	S	P S	BU		MAX MIN A	TMS	3	14.0	23.0
MEGUROSAN MARU	JKBN	8	AN	AL AL	S	P S	BU		MAX MIN A	TMS	2	14.0	23.0

JAPAN

MEIJI MARU	JENH	17	AN	AL	S	P S	C		A	TMS 2	17.0	32.0
MEIKO MARU	JRJT	30	AN	AL AL	S	P S	C		A	TMS 3	16.0	28.0
MEISEI MARU	JBNM	28	AN	MER	S	P S	BU	SS	A	OUL 1	9.0	
MEISEI MARU NO2	JREV	28	AN	MER	S	P S	BU	SS	A	TMS 3	16.0	21.0
MEIWA MARU	JNSO	21	AN	AL	S	P S	BU		HA	MS 2		
MEXICO MARU	JARE	23	AN	AL	S	P S	BU		A MIN A	TMS 2	15.0	25.0
MIKAGESAN MARU	JQYE	6,14	AN	AL	S	P S	BU		A	TMS 2	14.0	22.0
MIKISHIMA MARU	JAGD	6,14	AN	MER	S	P S	C	SS	MAX MIN A	TMS 2	15.0	20.0
MINESHIMA MARU	JDAE	10	AN	AL	S	P S	C		HA MIN A	MS 2	11.0	
MINETAMA MARU	JINJ	30	AN	AL	S	P S	BU		A	MS 2	16.0	24.0
MISAKI MARU	JBIF	11	AN	AL	S	P S	BU		A	TMS 2	15.0	23.0
MISSISSIPPI MARU	JHQA	14	AN	AL	S	P S	C		MAX MIN A	MS 2	14.0	24.0
MIYAJUNA MARU	JKYP	11,30	AN	AL	S	P S	C		A	TMS 3	14.0	23.0
MOGAMISAN MARU	JNUR	7	AN	AL	S	P S	BU		A	TMS 2	14.0	22.0
MOKUSEI MARU	JQKA	3	AN	MER AL	S	P S	C		A	TMS 2	14.0	28.0
MOMIJISAN MARU	JFWI	8	AN	AL	VS	P VS	C		MAX MIN A	TMS 2	15.0	19.0
MONT BLANC MARU	JJZX	18	AN	MER	S	P S	C	SS	A	TMS 2	15.0	29.0
MONTEVIDEO MARU	JRDU	14	AN	AL	S	P S	BU		MAX MIN A	TMS 2	14.0	20.0
MUSASHI MARU	JJQV	30	AN	MER AL	S	P S	C		A A	TMS 2	16.0	28.0
MUSASHISAN MARU	JMNR	8	AN	AL	VS	P VS	BU		MAX MIN A	TMS 2	14.0	21.0
NACHI MARU	JGKS	11,18	AN	AL	S	P S	C	SS	A	TMS 2	15.0	28.0
NAGAOSAN MARU	JDOJ	3	AN	AL	S	P S	C		A	TMS 2	13.0	21.0
NAGARA MARU	JKCM	11	ME R	A L	S	P S	B U		A	TM 2	14.0	23.0

JAPAN

NAGATO MARU	JBQS	23	AN	AL	S	P S	BU		A	TMS 2	14.0	22.0
NAGATO MARU	JQHL	30	AN	MER AL	S	P S	C		A	TMS 2	16.0	28.0
NANSEI MARU	JDIA	11	AN	MER AL	S	P S	C		A	TMS 2	14.0	26.0
NEW YORK MARU	JKNE	17	AN	AL	S	P S	BU		A	MS 2	16.0	21.0
NICHIGO MARU	JHDQ	3	AN	AL	S	P S	C		A	TMS 2	20.0	32.0
NICHIWA MARU	JCYA	28	AN	AL	VS	P VS	C		HA	TMS 3		
NIKKEI MARU NO 3	JIXF	3	AN	AL	S	P S	C		A	TMS 2	15.0	23.0
NIKKEI MARU NO 2	JHQO	11	AN	AL	S	P S	BU		HA	MS 2	16.0	
NIPPON MARU	JNCT	8,18	AN	MER	SL	P SL	C	SS	A	MS 2	20.0	30.0
NISSIN MARU	JCMC	28	AN	ELE MER	S	P S	C	SS	A	TMS 6	21.0	26.0
NORFOLK MARU	JIFR	14	AN	AL	S	P S	C		MAX MIN A	TMS 2	14.0	23.0
NOSHIRO MARU	JDXK	7	AN	AL	S	P S	BU		A	TMS 2	16.0	24.0
NOTO MARU	JPNB	7	AN	AL	S	P S	BU		A	TMS 2	16.0	29.0
NOUMEA MARU	JPJC	13	AN	AL	S	P S	BU		A MIN A	MS	15.0	31.0
OCEANIA MARU	JKCG	27	MER	MER	S	P S	BU		A	TMS 2	15.0	23.0
ODESSA MARU	JQGS	8,18	AN	MER AL	S	P S	C		A	TMS 2	22.0	34.0
OHSHIMA MARU	JGMR	6,14	AN	AL	S	P S	C	SS	MAX MIN A	TMS 2	15.0	20.0
OHYAMA MARU	JRXD	28	AN	AL	S	P S	C		MAX MIN A	MS 2	13.0	28.0
OKITSU MARU	JRYA	28	AN	AL	S	P S	BU		A	TMS 2	20.0	24.0
OLYMPIA MARU	JADB	11	AN	AL	S	P S	BU		A	TMS 2	15.0	23.0
OLYMPUS MARU	JAGZ	18	AN	MER AL	VS	P VS	C	SS	MAX MIN A	TMS 2	17.0	30.0
ONOE MARU	JGFB	28	AN	AL	S	P S	C		A	TMS 2	21.0	31.0
ONOMICHI MARU	JPWB	7	AN	AL	S	P S	C		A	TMS 3		
OPPAMA MARU	JJVE	30	AN	AL	VS	P VS	C		A	TMS 2	17.0	23.0
OREGON MARU	JFBG	14	AN	AL	S	P S	C		A	TMS 2	15.0	24.0

JAPAN

ORION MARU	JFPH	18	AN	MER	S	P S	BU		MAX MIN A	TMS 2		
OSAKA MARU	JJPF	3	AN	AL	S	P S	BU		A	TMS 2	12.0	21.0
OSUMI MARU	JHQE	22	AN	AL	S	P S	BU		A	TMS 2	21.0	26.0
PANAI MARU	JPVV	11	AN	AL	S	P S	C		A	MS 2		
PANAMA MARU	JNAW	18	AN	AL	S	P S	BU		A	MS 2	15.0	20.0
PERU MARU	JMYF	7	AN	AL	S	P S	C		A	TMS 2	10.0	28.0
PHILIPPINE MARU	JJTI	27	AN	AL	S	P S	BU		MAX MIN A	MS 2	15.0	24.0
PORTLATT MARU	JEEV	3,22,23	AN	AL	S	P S	C		A	TMS 2	23.0	33.0
RECIFE MARU	JMCI	3	AN	MER	VS	P VS	C		A	TMS 2	15.0	27.0
REISUI MARU	JEPH	7,18 30	AN	MER AL	S	P S	C		MAX MIN A	MS 2	22.0	30.0
REIYO MARU	JEHH	3 6,22	AN	ELE	S	P S	C	SS	ST A	TMS 2	10.0	24.0
RHEIN MARU	JRSJ	30	AN	MER AL	S	P S	C		A	MS 2	16.0	28.0
RICHMOND MARU	JJID	6	AN	AL AL	S	P S	C		A	TMS 2	14.0	28.0
RIO DE JANEIRO MARU	JJDQ	3	AN	AL	VS	P VS	C		A	MS 2	15.0	26.0
RIO GRANDE MARU	JLXV	23 7	AN	AL	S	P S	C		MAX MIN A	TMS 2	15.0	23.0
RITSUEI MARU	JEWK	18	AN	AL	S	P S	C C		A	TMS 1	11.0	3.0
ROCKY MARU	JPVY	30	AN	AL	S	P S	BU		A	MS 2	15.0	28.0
ROSARIO MARU	JJAN	23	AN	MER	VS	P VS	C		A	TMS 2	15.0	26.0
RYUEI MARU	JBTE	16,18	AN	AL	VS	P VS	C		A	MS 2		
RYUKO MARU	JQIF	30	AN	MER AL	S	P S	C		A	TMS 2	16.0	28.0
AKAMINE MARU	JFNP	18	AN	AL	S	P S	C		A	TMS 2	32.0	45.0
SACRAMENT MARU	JMCG	14	AN	AL	S	P S	C		A	TMS 2	17.0	27.0
SADO MARU	JQEU	8	AN	AL	S	P S	BU		A	TMS 2	16.0	24.0
SAGA MARU	JFRG	14	MER	AL	S	P S	BU		A	TMS 2	16.0	24.0
SAGANOSEKI MARU	JKST	13	AN	AL	S	P S	BU	SS	A	TMS 2	7.0	14.0

JAPAN

SAISEI MARU	JDFJ	11	AN	MER AL	S	P S	C	A	MS	2	14.0	26.0
SAITAMA MARU	JFWG	27	MER	AL	S	P S	BU	A	TMS	2	16.0	24.0
SAKURA MARU	JIFU	7	AN	AL	S	P S	BU	MAX MIN A	TMS	3	15.0	20.0
SAN FRANCISCO MARU	JMAR	14	AN	AL ELE	VS	P VS	C	ST A HA	TMS	2	16.0	20.0
SAN MARTIN MARU	JQHF	28	AN	MER	S	P S	BU	A	TMS	3		
SAN PEDRO MARU	JNPB	22	AN	AL	VS	P VS	BU	HA A	MS	3		
SANTAGIO MARU	JEXY	3	AN	AL	S	R S	BU	A	TMS	2	19.0	23.0
SANTOS MARU	JASH	22	AN	AL	S	P S	BU	MAX MIN A	MS	3	12.0	18.0
SANUKI MARU	JJFI	14	AN	AL	S	P S	BU	A	TMS	2	16.0	24.0
SAPPORO MARU	JJPL	14	AN	AL	S	P S	BU	MAX MIN A	TMS	2	14.0	24.0
SATSUMA MARU	JQDM	14	AN	AL	S	P S	BU	MAX MIN A	TMS	2	15.0	23.0
SAVANNAH MARU	JMCX	14	AN	AL	VS	P VS	C	A	TMS	2	19.0	28.0
SEATTLE MARU	JCHX	7	AN	AL	S	P S	BU	MAX MIN A A	TMS	2	13.0	23.0
SEIHO MARU	JPBC	18	AN	AL	S	P S	C	A	MS	2	25.0	40.0
SEIKO MARU	JCDS	18	AN	MER AL	S	P S	C	A	TMS	2	24.0	36.0
SEINE MARU	8JZT	30	AN	MER AL	S	P S	C	A	TMS	2	16.0	28.0
SEIYO MARU	JNNL	28	AN	AL	S	P S	C	ST HA	TMS	2	14.0	
SETA MARU	JMGK	8	AN	AL	S	P S	BU	MAX MIN A	MS	2	14.0	23.0
SETTSU MARU	JHVU	2	AN	AL	S	P S	BU	MAX MIN A	TMS	2	15.0	24.0
SHIGA MARU	JEAN	8	AN	AL	S	P S	BU	A	TMS	2	16.0	24.0

JAPAN

SHIMANE MARU	JMLN	14	AN	AL	S	P S	BU		A	TMS 2	16.0	24.0
SHINANO MARU	JQYO	9	AN	MER	S SL	P S	BU	SS	A	TMS 3	14.0	19.0
SHINHO MARU	JLQA	18	AN	AL	S	P S	C	SS	MAX MIN A	TMS 2	20.0	32.0
SHINKO MARU	JJBE	30	AN	MER AL	S	P S	C		A HA A	TMS 3	16.0	28.0
SHINOSAKA MARU	JRTK	18	AN	MER	S	P S	C		MAX MIN A	TMS 2	28.0	40.0
SHINSHO MARU	JFYA	3	AN	MER	S	P S	C		A	TMS 3	19.0	30.0
SHINYO MARU	JETR	30	AN	AL	S	P S	C C		A	TMS 2	9.0	16.0
SHINZAN MARU	JHBA	28	AN	AL	S	P S	C		MAX MIN A	TMS 2	22.0	28.0
SHIZUOKA MARU	JKEG	8	AN	MER	S	P S	BU		MAX MIN A	TMS 2	11.0	14.0
SHOEN MARU	JLIQ	18	AN	AL	S	P S	C	SS	MAX MIN A	MS 2	28.0	43.0
SHOSEI MARU	8JZR	11	AN	MER AL	S	P S	C		A A	TMS 1	14.0	26.0
SHOTO MARU	JRYT	30	AN	AL	S	P S	C		A	TMS 2	7.0	25.0
SHOWA MARU	JHRQ	18	AN	MER	VS	P VS	C		A	TMS 2	24.0	27.0
SHOWA MARU	JDBA	28	AN	AL	S	P S	C		HA	TMS 2		
SHUNSEI MARU	JBXO	11	AN	MER AL	S	P S	C		A HA	TMS 2	14.0	26.0
SHUSEI MARU	JBUT	11	AN	MER AL	S	P S	C		A	TMS 2	14.0	26.0
SPAIN MARU	JIYP	30	AN	AL	S	P S	C		MAX MIN A	TMS 2	16.0	29.0
SPENCER MARU	JGSP	3	AN	AL	VS	P VS	C		HA MIN A	TMS 2	15.0	
ST. LAWRENCE MARU	JIXE	6	AN	MER AL	S	P S	C		A	TMS 2	16.0	26.0
ST. LOUIS MARU	JLBE	14	AN	AL	S	P S	BU		A	TMS 2	24.0	30.0

JAPAN

SUEZ MARU	JDGC	3	AN	AL	S	P S	BU		A	TMS 2	15.0	20.0
SUISEI MARU	JLSA	19	AN	MER AL	S	P S	C		A	TMS 1	14.0	26.0
SUMAURA MARU	JEIB	3,22	AN	MER	S	P S	C	SS	MAX MIN A	TMS 2	23.0	38.0
SUMIDA MARU	JH WX	14	AN	AL	S	P S	BU		A	TMS 2	14.0	20.0
SURUGA MARU	JH WJ	14	AN	AL	S	P S	BU		A	TMS 2	14.0	18.0
SUWAHARU MARU	JAZF	13	AN	AL	S	P S	C C		HA MIN A	MS 2	13.0	
SWEDEN MARU	JPDE	3	AN	MER	S	P S	BU		A	TMS 2	13.0	21.0
TACOMA MARU	JD MI	14	AN	AL	VS	P VS	C		MAX MIN A	TMS 2	15.0	23.0
TAGA MARU	JBR S	30	AN	AL	S	P S	C		HA	TMS 2	14.0	
TAGAHARU MARU	JMNU	14,27	AN	AL	S	P S	C		HA A	TMS 2	14.0	23.0
TAIAN MARU	JHPK	23	AN	AL AL	S	P S	BU		A A	TMS 2	14.0	17.0
TAIHO MARU	JQDO	18	AN	MER	VS	P VS	C	SS	A	MS 2	14.0	26.0
TAIKOSAN MARU	JACS	18	AN	AL	VS	P VS	C		A	TMS 2	19.0	31.0
TAIKYU MARU	JJRX	28	AN	MER AL	S	P S	BU		MAX MIN A	TMS 3		
TAIO MARU	JATN	30	AN	AL	S	P S	C		A	TMS 2	16.0	25.0
TAITEN MARU	JAZY	28	AN	MER	S	P S	BU		HA A	MS 2	13.0	16.0
TAIZAN MARU	JHTM	30	AN	AL	S	P S	C	SS	MAX MIN A	MS 2	16.0	28.0
TAJIMA MARU	JJLC	30	AN	MER AL	S	P S	C		A	TMS 3	16.0	28.0
TAKAMATSU MARU	JQFN	18	AN	AL	S	P S	C C		A	MS 2	11.0	13.0
TAKAMINE MARU	JFNP	18	AN	AL	S	P S	C		A MIN HA	TMS 2	32.0	45.0
TAKAMINESAN MARU	JADL	18	AN	AL	S	P S	BU		A	TMS 2	19.0	31.0

JAPAN

TAKAOSAN MARU	JKXC	18	AN	AL	S	P S	BU	A	TMS 2	19.0	31.0
TAMON MARU	JDSE	27	AN	AL	S	P S	BU	HA	TMS 2		
TANBA MARU	JQFJ	30	AN	MER	S	P S	C	A	TMS 2	16.0	28.0
TASHIMA MARU	JMTM	18	AN	MER	S	P S	BU	A	MS 2	24.0	33.0
TASMAN MARU	JLKK	3,18	AN	AL	S	P S	BU	A	TMS 2	23.0	34.0
TATSUNO MARU	JGUS	18	AN	AL	S	P S	C C	A	TMS 2	12.0	17.0
TATSUTA MARU	JNZS	18	AN	AL	S	P S	BU	A	TMS 2	21.0	26.0
TATSUTASAN MARU	JGOB	18	AN	AL	S	P S	BU	MAX MIN A	TMS 2	19.0	31.0
TEGURASAN MARU	JPLY	18	AN	AL	S	P S	C	A	TMS 2	30.0	43.0
TEIKO MARU	JMQG	30	AN	AL AL	S	P S	C	A	TMS 3	14.0	28.0
TENEI MARU	JHPW	27	AN	AL	S	P S	C C	A	MS 2	7.0	10.0
TENKO MARU	JRWY	18	AN	AL AL	S	P S	C	A	TMS 3	28.0	42.0
TENRYUSAN MARU	JGJL	18	AN	AL	S	P S	BU	A	TMS 2	19.0	30.0
TENWA MARU	JEZK	10	AN	AL	S	P S	C	A	MS 2	12.0	16.0
TETSUYO MARU	JNOW	11	AN	AL	S	P S	C	SS A	MS 2	18.0	35.0
TIGRIS MARU	JMHI	18	AN	AL	S	P S	C	A	TMS 2	15.0	24.0
TOA MARU	JCTO	18	AN	AL	S	P S	BU	A	TMS 3		
TOHKOHSAN MARU	JLFW	18	AN	AL	S	P S	C	MAX MIN A	TMS 2	28.0	41.0
TOKIWASAN MARU	JJOP	18	AN	AL	VS	P VS	C	A	TMS 2	19.0	31.0
TOKUSHIMA MARU	JPUU	18	AN	AL	S	P S	BU	A	TMS 2	21.0	42.0
TOMIURA MARU	JDLX	11	AN	AL	S	P S	BU	MAX MIN	2	16.0	19.0
TONAMI MARU	JEEL	3,30	AN	AL	S	P S	C	MAX MIN A	TMS 2	25.0	
TOSA MARU	JQJL	18	AN	MER	S	P S	BU	A	TMS 2	23.0	38.0
TOSAHARU MARU	JICA	30	AN	AL	S	P S	C	MAX MIN A	MS 2	14.0	
TOSEI MARU	JNNC	16,19	AN A	MER AL	S	P S	C	A	TMS 1	15.0	28.0
TOUN MARU	JLHD	30	AN	AL	S	P S	BU	A	MS 2	14.0	19.0

JAPAN

TOWA MARU	JHQF	30	AN	MER	S	P S	C		A	TMS	3		
TOYAMA MARU	JDVW	18	AN	AL	S	P S	C		A	TMS	2	26.0	40.0
TOYOSU MARU	JFWP	18	AN	MER	VS	P VS	C	SS	A	MS	2	15.0	29.0
TOYOTA MARU NO 5	JEBF	30	AN	AL	S	P S	BU		A	TMS	2		
TOYOTA MARU NO 1	JQAS	30	AN	MER AL	S	P S	C		MAX MIN A	TMS	2	18.0	29.0
TSUBAME MARU NO 2	JQSV	18	AN	AL	S	P S	C		HA A	MS	2	14.0	19.0
TSUKUSHI MARU	JFDX	8,23	AN	AL	S	P S	C		A	MS	2	11.0	13.0
TUBARAON MARU	JKLW	18,23	AN	AL	S	P S	BU		A	TMS	2	19.0	30.0
UDO MARU	JHOH	28	AN	AL	S	P S	BU		HA	TMS	2	14.0	
VICTORIA MARU	JDPF	3	AN	AL	S	P S	BU		A	TMS	2	15.0	23.0
VOLGA MARU	JQCB	8,18,30	AN	MER AL	S	P S	C		A	TMS	2	22.0	34.0
WAKAMATSU MARU	JHDS	11	AN	AL	S	P S	BU		A	TMS	2	13.0	22.0
WAKAMIYASAN MARU	JNTC	30	AN	AL	S	P S	C		A	MS	2	15.0	23.0
WAKAOSAN MARU	JJHV	30	AN	AL	S	P S	C		A	TMS	2	23.0	33.0
WAKASA MARU	JRTA	22	AN	AL	S	P S	BU		A	TMS	2	14.0	29.0
WAKASUGISAN MARU	JAGU	30	AN	AL	S	P S	BU		A	TMS	2	16.0	30.0
WAKATAKESAN MARU	JNPW	30	AN	MER	VS	P VS	BU		A	TMS	2	16.0	24.0
WAKATO MARU	JHZM	11	AN	AL	S	P S	BU		A	TMS	2	14.0	20.0
WAKAURA MARU	JMBE	3	AN	AL	VS	P VS	BU		MAX MIN A	TMS	2	18.0	32.0
WAKAYAMA MARU	JQAN	3	AN	AL	S	P S	BU		A	TMS	2	19.0	33.0
WAKO MARU	JEPH	30	AN	MER AL	S	P S	C		A HA	TMS	2	17.0	28.0
WRANGELL MARU	JGYN	30	AN	AL	S	P S	C		HA	MS	2	19.0	
YAKUMOKAWA MARU	JJAK	28	AN	AL	S	P S	C		A	TMS	2	23.0	29.0
YAKUMOSAN MARU	JKBV	3,30	AN	AL MER	S	P S	C		A	TMS	2	19.0	36.0
YAMAGATA MARU	JIDT	8	AN	AL	S	P S	BU		A	TMS	2	16.0	24.0
YAMAGUCHI MARU	JHJI	8	AN	AL	S	P S	BU		MAX MIN A	TMS	2	16.0	25.0

JAPAN

YAMAHIME MARU	JGGH	30	AN	MER	S	P S	C		HA	MS	2	13.0	
YAMAKIMI MARU	JKEB	27	AN	AL	S	P S	C		HA	TMS	2	17.0	
YAMANASHI MARU	JRXA	8	AN	AL	S	P S	BU		MAX MIN A	TMS	2	17.0	24.0
YAMASHIRO MARU	JGDL	8	AN	AL	S	P S	BU		A	TMS	2	17.0	25.0
YAMATO MARU	JJVH	30	AN	MER AL	S	P S	C		A	TMS	3	16.0	28.0
YAMATOGAWA MARU	JGRG	18	AN	AL	S	P S	C	SS	A	MS	2	20.0	35.0
YAMATOMI MARU	JHCA	18	AN	AL	S	P S	C		MAX MIN A	TMS	2	14.0	18.0
YAMAWAKA MARU	JDKS	14, 27	AN	AL	S	P S	C		MAX	TMS	2	14.0	
YASHIMASAN MARU	JLTO	3, 30	AN	AL	S	P S	BU		A	TMS	2	21.0	35.0
YASHIOKAWA MARU	JNWC	3, 23	AN	AL	S	P S	C	SS	A	TMS	2	19.0	21.0
YAWATA MARU	JMUB	3, 7	AN	AL	S	P S	C	SS	A	TMS	2	23.0	39.0
YEIJU MARU	JPEH	3, 11	AN	AL	S	P S	C			MS	2	12.0	
YOHO MARU	JPIO	18	AN	MER	VS	P VS	C	SS	A	MS	2	30.0	45.0
YOKO MARU	JDHH	3	AN	AL AL	S	P S	C		A	TMS	2	18.0	26.0
YOKOHAMA MARU	JATO	27	AN	AL	S	P S	BU		A	TMS	2	15.0	23.0
YOSEI MARU	JPNU	11	AN	MER AL	S	P S	C		A	TMS	2	14.0	26.0
YOSHIDA MARU	JLIK	18	AN	AL	S	P S	C		A	MS	2	25.0	42.0
YOSHINOSAN MARU	JBWW	27	AN	AL	VS	P VS	BU		A	TMS	2	14.0	21.0
YOWA MARU	JRAI	10, 19	AN	AL	S	P S	C		A	MS	2	13.0	20.0
ZENKOREN MARU NO 2	JPVO	6	AN	MER	VS	P VS	C		MAX MIN A	TMS	2	20.0	33.0
ZUIYO MARU	JGRA	30	AN	MER	VS	P VS	C	SS	MAX MIN A	MS	2	16.0	31.0

Supplementary Ships

>HOTATSU MARU	JGIY	28	AN	AL	S	P S	BU		HA MIN A	TMS	1	13.0	
ALASKA MARU	JRFP	22	AN	MER	S	P S	C		MIN A	MS	2	12.0	

JAPAN

ASOHARU MARU	JMFF	11	AN	AL	S	P S	C		HA	MS	2	13.0	
ATLANTIC MARU	JGYT	8,18	AN	AL	S	P S	C		A	TMS	2	23.0	34.0
AZUMASAN MARU	JPBW	3	AN	AL	S	P S	BU		MAX MIN A	MS	2	11.0	15.0
BENGAL MARU	JNAU	4	AN	AL	S	P S	BU C		A	TMS	2	17.0	26.0
BINTAN MARU	JLJF	11	AN	AL	S	P S	BU			MS	2	17.0	
BISCAY MARU	JLIW	8,18	AN	AL	S	P S	C		A	TMS	2	23.0	34.0
BIYO MARU	JQSD	18	AN	AL	S	P S	C	SS	A	TMS	2	23.0	27.0
BRIDGESTONE MARU NO 3	JILR	18	AN	AL	S	P S	C		A	TMS	2	22.0	32.0
CHIKUZEN MARU	JPHG	3	AN	MER	S	P S	BU		A	S	2	20.0	30.0
CHUEI MARU	JPGJ	11	AN	AL	S	P S	BU			MS	2	10.0	
CHUETSUSAN MARU	JMDL	30	AN	AL	S	P S	C		A	MS	2	24.0	37.0
DAISHOWA MARU	JELO	30	AN	AL	S	P S	C		A	MS	2	18.0	21.0
DARWIN MARU	JMTW	3	AN	AL	S	P S	C C		A	TMS	2	19.0	29.0
EIKEN MARU	JHTT	22	AN	AL	S	P S	BU		MAX MIN A	MS	2	12.0	
ETSUYO MARU	JMLR	11	AN	AL	S	P S	BU		MAX MIN A	MS	1	9.0	20.0
GENYO MARU	JGYF	19	AN	AL	S	P S	BU		HA	S	2	12.0	
HAINES MARU	JLZV	30	AN	AL	S	P S	BU		A	MS	2	14.0	27.0
HAKUSUI MARU	JFEN	13	AN	AL	S	P S	BU		HA	MS	2	15.0	
HEIWA MARU	JQEJ	28	AN	AL	S	P S	C		MAX MIN A	TMS	2	21.0	36.0
HISASHIMA MARU	JMJU	13	AN	AL	S	P S	C	SS	MAX MIN A	TMS	2	15.0	
HOHKOKUSAN MARU	JJBY	27	AN	MER	S	P S	C		A	MS	2	21.0	33.0
HOO MARU	JHZE	30	AN	AL	S	P S	C		HA	MS	2	16.0	
HOWA MARU	JCZK	30	AN	AL	S	P S	BU		A	MS	2	18.0	30.0
JAPAN GRAN	JMXQ	28	AN	AL	VS	P VS	C		A	TMS	2	25.0	42.0
JAPAN KOWHAI	JKIB	3	AN	AL	S	P S	C		MAX MIN A	MS	2	14.0	25.0
JAPAN LINDEN	JHOX	28	AN	AL	S	P S	C		A	TMS	2	21.0	30.0
JUJO MARU	JEDH	30	AN	AL	S	P S	C		A	TMS	2	19.0	25.0

JAPAN

JUNEAU MARU	JGAD	30	AN	AL	S	P S	C		MAX MIN A	MS 2	13.0	22.0
KAIYO MARU	JGMU	3,30	AN	AL	S	P S	BU		HA	TMS 2	15.0	
KANTO MARU	JHQS	22	AN	AL	SL	P SL	C		A	TMS 2	13.0	31.0
KASHU MARU	JJLL	30	AN	AL	S	P S	C		MAX MIN A	TMS 2	20.0	
KIYO MARU	JKQB	30	AN	AL	S	P S	BU		A	MS 2	14.0	26.0
KOSEI MARU	JMLL	14	AN	AL	S	P S	C			TMS 2	14.0	
KOWA MARU	JFSO	11,17	AN	AL	S	P S	BU		HA	TMS 2	14.0	
KOYO MARU	JMSH	11	AN	AL	S	P S	BU		HA	MS 1	10.0	
LIVERPOOL MARU	JCTG	11,12	AN	AL MER	S	P S	BU			MS 2	18.0	
MATSUBARA MARU	JJWU	30	AN	MER	S	P S	BU		A	MS 2	15.0	27.0
MIEKAWA MARU	JIFL	3	AN	AL	S	P S	C		A	MS 2	16.0	19.0
NANPO MARU	JIPQ	19	AN	MER	S	P S	C		HA	TMS 1	12.0	
NICARAGUA MARU	JIOP	7,27 30	AN	MER AL	S	P S	BU		MAX MIN A	TMS 3		
NICHIEI MARU	JBAC	11	AN	AL	S	P S	C		A	TMS 2	18.0	23.0
NIKKO MARU	JQFE	11	AN	AL	S	P S	C		MAX MIN A	MS 2	17.0	
OWARI MARU	JEGT	7	AN	AL	S	P S	C		A	TMS 2	30.0	37.0
RANYO MARU	JFPQ	11	AN	MER	S	P S	C			MS 1	11.0	
REIHO MARU	JJJT	28	AN	MER	S	P S	C		MAX MIN A	MS 2	16.0	27.0
ROSE	6ZCJ	30	AN	AL	S	P S	C	SS	HA MIN A	S 1	20.0	
RYUKO MARU	JDQX	24	AN	MER AL	S	P S	BU C		MAX MIN A	TMS 2	15.0	25.0
RYUYO MARU	JMCY	3,13	AN	AL	S	P S	C	SS	A	MS 2	18.0	29.0
SAIKYO MARU	JFJR	18	AN	MER	S	P S	BU		A	TMS 2	13.0	23.0
SEIKEI MARU	JIHL	11,30	AN	AL	S	P S	C		A	MS 2	18.0	27.0
SEIUN MARU	JLBP	7,27	AN	AL	S	P S	BU		HA A	MS 2		
SEIWA MARU	JCGI	11,17	AN	AL	S	P S	BU		MAX MIN A	TMS 2	15.0	30.0

JAPAN

SEMATAN MARU	JGPP	3,11	AN	AL	S	P S	BU		HA	MS	2	7.0	
SENYO MARU	JPNZ	30	AN	AL	VS	P VS	C		A	MS	2	16.0	22.0
SHIGAHARU MARU	JFHF	14,27	AN	AL	VS	P VS	C		HA	MS	2	12.0	
SHINSHO MARU	JMHX	11,12	AN	AL	S	P S	C		A	TMS	2	16.0	28.0
SHOFUKU MARU	JFGP	3,30	AN	AL	S	P S	C		A	MS	2	20.0	30.0
SHOHO MARU NO 8	JGCI	19	AN	MER	S	P S	C		HA	MS	1	11.0	
SHOKYU MARU	JNJY	30	AN	AL	S	P S	C	SS	A	MS	2	11.0	24.0
SHOSEI MARU	JGSH	22	AN	MER	S	P S	BU		MAX MIN A	MS	2	15.0	
SHOTATASU MARU	JGIY	28	AN	AL	S	P S	BU		HA	TMS	1	12.0	
SITKA MARU	JPIX	30	AN	AL	S	P S	C		A	TMS	2	17.0	26.0
TAIHAKU MARU	JRBY	4	AN	AL	S	P S	BU		A	TMS	1	10.0	15.0
TAIWA MARU	JMQP	11,17	AN	AL	S	P S	C		MAX MIN A	TMS	2	16.0	31.0
TANA MARU	JQND	18	AN	AL	VS	P VS	C		A	MS	2	22.0	31.0
TAMASHIMA MARU	JIUP	3,11	AN	MER	S	P S	C	SS	HA	MS	2	11.0	
TENZAN MARU	JDPC	13	AN	AL	S	P S	C		HA MIN A	MS	2	16.0	
TOBA MARU	JMML	18	AN	MER	S	P S	BU		A	S	2	27.0	40.0
TOKO MARU	JRPG	16,19	AN	AL	S	P S	BU		A	MS	1	6.0	24.0
TOKUSHIMA MARU	JDSN	30	AN	AL	S	P S	C		MAX MIN A	MS	2	16.0	32.0
TOKUWA MARU	JKDR	11	AN	AL	S	P S	C		HA	TMS	2	5.0	
TOYO MARU	JHHA	30	AN	AL	S	P S	BU		A	TMS	2	15.0	26.0
TOYOKUNI MARU	JQFT	13	AN	AL	S	P S	C		HA	TMS	2	14.0	
TOYU MARU	JPUD	11	AN	MER	S	P S	C		MAX MIN A	MS	2	15.0	
TSUGARU MARU	JECR	8,18	AN	AL	VS	P VS	C	SS	MAX MIN A	MS	2	23.0	38.0
WAKAHATA MARU	JNRD	28	AN	AL	S	P S	C		MAX MIN A	TMS	2	23.0	31.0
WAKAMINE MARU	JNMN	11	AN	AL	S	P S	BU		A	MS	2	12.0	25.0
WEIPA MARU	JKXH	3	AN	AL	S	P S	BU		A	TMS	2	18.0	30.0

JAPAN

YAMAAKI MARU	JNST	30	AN	AL	S	P S	C		HA MIN A	MS	2	13.0	
YAMAHANA MARU	JJHS	11	AN	AL	S	P S	C		MAX MIN A	MS	2	12.0	
YAMAMIYA MARU	JLCR	30	AN	AL	S	P S	C		MAX	MS	2	14.0	
YOWA MARU	JFBV	17	AN	AL	S	P S	C		MAX MIN A	MS	2	31.0	50.0
YOZAN MARU	JLHS	30	AN	MER	S	P S	C	SS	A	MS	2	20.0	34.0
YOYO MARU	JQDW	30	AN	AL	S	P S	BU		A	MS	2	15.0	26.0

Auxiliary Ships

FUJIKAWA MARU	JMRV	18	AN	AL	S	P S	C		MAX MIN A	S	2	16.0	
FUYO MARU	JDYO	11, 18	AN	AL	S	P S	C		MAX MIN A	MS	2	14.0	
KANEYOSHI MARU	JFZJ	28	AN	AL	S	P S	C			MS	2	7.0	
MIHARU MARU	JQZL	17	AN	MER	S	P S	C		A	MS	2	11.0	16.0
MISHIMA MARU	JEBC	28	AN	AL	S	P S	C	SS	HA MIN A	TMS	2	13.0	
OGOTO MARU	JQAB	18	AN	AL	S	P S	C	SS	A	MS	2	21.0	36.0
SHUYO MARU	JHTD	28	AN	AL	S	P S	C	SS	A	MS	1	11.0	20.0
TAIBUN MARU	JQUF	16, 19	AN	AL	S	P S	BU		MAX MIN A	MS	1	10.0	24.0
TEIYO MARU	JBSY	3	AN	AL	S	P S	C		HA A	TMS	2	13.0	18.0
TEMPON MARU	JEJE	11	AN	AL MER	S	P S	BU		A	MS	1	11.0	26.0
TENKO MARU	JFWE	22	AN	AL	S	P S	BU		A	MS	2	17.0	31.0
TENRIN MARU	JFLX	11	AN	AL	S	P S	BU		A	MS	1	11.0	20.0
TENSHO MARU	JHRM	3, 30	AN	AL	S	P S	BU		A	MS	2	15.0	21.0
TOSHO MARU	JJNL	11	AN	MER AL	S	P S	C		MAX MIN A	MS	2	12.0	24.0
YAWATASAN MARU	JEED	11	AN	AL	S	P S	C		A	TMS	2	18.0	28.0

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JAPAN

24

YUBARI MARU

JHQO

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1

KENYA, UGANDA, TANZANIA

- 1 EUROPE AND MEDITERRANEAN TO E.AFRICA
- 2 WESTERN INDIAN OCEAN
- 3 BRITISH INDIAN OCEAN TERRIT.TO MOMBASA
- 4 FAR EAST TO E.AFRICA
- 5 FAR EAST TO E.AFRICA AND RED SEA

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2

KENYA, UGANDA, TANZANIA

01.01.1969

Selected Ships

HARAMBEE (MOMBASA)	5ZUH	1	MER	MER	S	P S	C	OS		TMS 1	12.0	
MANIHINE	5ZUE	2	AN	MER	S	P S	BU	OS	RAD* RG A	T	4.0	9.0
UGANDA JINJA (UGANDA)	5XSG	1	AN	MER	S	P S	C	OS		TMS 1	12.0	

Supplementary Ships

SOUTHERN BAOBAB	5ZTK	2	AN	MER	S	P S	BU			T	9.0	
SOUTHERN DAWN	5ZUP	2	AN	MER	S	P S	BU			T	8.0	
SOUTHERN ISLES	5ZTM	2	AN	MER	S	P S	BU			T	5.0	
SOUTHERN PROGRESS	5ZUG	2	AN	MER	S	P S	BU			T	6.0	
SOUTHERN SPRAY	5ZUQ	2	AN	MER	S	P S	BU			T	5.0	
SOUTHERN VENTURE	5ZUR	2	AN	MER	S	P S	BU			T	6.0	

Auxiliary Ships

CARRONBANK (GLASGOW SCOTL.)	MXFF	4	AN	MER	US					TMS	12.0	
GARRYBANK (GLASGOW SCOTL.)	GWQS	4	AN	MER	US					TMS	12.0	
KOTA JAVA (SINGAPORE)		5	AN	MER	US					TMS	12.0	
KOTA SELEMAT (SINGAPORE)	9VNK	5	AN	MER	US					TMS	12.0	
LEVERNBANK (GLASGOW SCOTL.)	GHKP	4	AN	MER	US					TMS	12.0	
MARGARETA BRODIN (SWEDEN)	SDLN	1	AN	MER	SL	P SL	BU			TMS		
NORDWAER VICTORIA (SEYCH.)	ZCQK	3	AN	MER	US					T	7.0	
NYANZA (LONDON)	GPTK	4	MER	MER	US	P US				TMS		
RIVERBANK (GLASGOW SCOTL.)	GVWG	4	AN	MER	US					TMS	12.0	
SUN PALERMO (SICILY)	ICSU	1	AN	MER	S	P S	BU			TMS		
TANAFJORD (NORWAY)	LAWN	1	AN	MER	US		C			TMS		
YEWBANK (SCOTLAND)	GBMH	4	AN	MER	US						12.0	

* GUNN BELLANI RADIOMETER
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KOREA, REPUBLIC OF

1

- 1 AROUND THE WORLD
- 2 SOUTH-EAST ASIA
- 3 COASTAL SERVICE

KOREA, REPUBLIC OF

01.01.1969

Selected Ships

Ship Name	Code	Count	AN	MER	US	P US	BU	RB*	AV	MS	2	7.0
SURO NO 1	6KCM	3	AN	MER	US	P US	BU			MS	2	7.0

Supplementary Ships

	6LBP	2	AN	MER	US	P US	BU			MS	2	
	6KCU	1	AN	MER	US	P US	BU			MS	2	16.0
ALTEO	6LBN	2	AN	MER	US	P US	BU			MS	2	
ARIRANG	HMKU	2	AN	MER	US	P US	BU			MS	2	13.0
BAEKOUSAN	6KRY	3	AN	MER	A	P A	BU			MS	1	
BANDO	HLAB	1	AN	MER	US	P US	BU			MS	2	13.0
CHANGHANG	HMBY	2	AN	MER	US	P US	BU			MS	2	13.0
CHEJU	HMBU	2	AN	MER	US	P US	BU			MS	2	13.0
CHUNMESAN	6KYC	3	AN	MER	A	P A	BU			MS	1	
DONGMYUNG	6KOS	1	AN	MER	US	P US	BU			MS	2	16.0
DORAJI	HMBO	2	AN	MER	US	P US	BU			MS	2	13.0
HALA	6KJU	2	AN	MER	US	P US	BU			MS	2	
HALASAN	6KYB	3	AN	MER	A	P A	BU			MS	1	
INCHON	HMBS	2	AN	MER	US	P US	BU			MS	2	13.0
KOREA	HLOV	1	AN	MER	US	P US	BU			MS	2	
MASAN	HLHK	1	AN	MER	US	P US	BU			MS	2	13.0
MOKPO	HMBK	2	AN	MER	US	P US	BU			MS	2	13.0
MUKHO	HMBT	2	AN	MER	US	P US	BU			MS	2	13.0
NAMEHAE	HLHX	1	AN	MER	US	P US	BU			MS	2	15.0
POHANG	HMBW	2	AN	MER	US	P US	BU			MS	2	13.0
PUSAN	HLHJ	1	AN	MER	US	P US	BU			MS	2	13.0
SILLA	HLPE	1	AN	MER	US	P US	BU			MS	2	12.0
SORABOL	HMUY	1	AN	MER	US	P US	BU			MS	2	
SUNDUCK	6KCT	1	AN	MER	US	P US	BU			MS	2	16.0

* RECORDING BAROGRAPH (1 DAY)
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KOREA, REPUBLIC OF

3

YOSU

HMBC

2

AN

MER

US

P US

BU

MS	2	13.0
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NETHERLANDS

2 NW EUROPE - FAR EAST (VIA CAPETOWN)
3 NW EUROPE - SOUTH AFRICA - EAST AFRICA
4 NW EUROPE - BENGAL - BURMA (VIA CAPETOWN)
5 NW EUROPE - EAST COAST OF SOUTH AMERICA
6 N.W.EUROPE - MEDITERRANIAN - CARIBBEAN SEA
7 FAR EAST - WEST COAST OF SOUTH AMERICA
8 N.W.EUROPE - FAR EAST (VIA PANAMA)
9 N.W.EUROPE - CAPETOWN - FAR EAST - PANAMA - N.W.EUROPE
10 WEST COAST OF NORTH AMERICA - PANAMA - CAPETOWN - EAST AFRICA - FAR EAST - WEST COAST OF NORTH AMERICA
11 N.W. - EUROPE - WEST INDIES
12 NW EUROPE - PANAMA - NEW ZEALAND
13 N.W. EUROPE - WEST COAST NORTH AMERICA
14 WEST COAST OF NORTH AMERICA - FAR EAST - PERSIAN GULF
15 NW EUROPE - MEDITERRANEAN - CAPETOWN - EAST AFRICA
16 NW EUROPE - CAPETOWN - PERSIAN GULF
17 NW EUROPE - CAPETOWN - AUSTRALIA
18 NW EUROPE - WEST AFRICA
19 EAST COAST NORTH AMERICA - WEST COAST NORTH AMERICA
20 NORTH SEA - NORTH ATLANTIC OCEAN
21 EAST COAST OF NORTH AMERICA - CAPETOWN - PERSIAN GULF - FAR EAST - PANAMA - GULF PORTS - EAST COAST OF NORTH AMERICA
22 NORTH SEA
23 NW EUROPE - CARIBBEAN SEA
24 NW EUROPE - EAST COAST OF CENTRAL AMERICA
25 NW EUROPE - WEST COAST OF CENTRAL AMERICA
26 NW EUROPE - WEST COAST OF SOUTH AMERICA
27 EAST AND SOUTH AFRICA - AUSTRALIA
28 AFRICA - NEW ZEALAND
29 FAR EAST - WEST COAST NORTH AMERICA
30 FAR EAST - PANAMA - MEDITERRANIAN - N.W.EUROPE
31 AUSTRALIA - JAPAN - HONG KONG - AUSTRALIA
32 AUSTRALIA - INDIA
33 NEW ZEALAND - EAST ASIA
34 AUSTRALIA - BANGKOK
34 AUSTRALIA - BANGKOK
35 FAR EAST - AFRICA - SOUTH AFRICA
36 FAR EAST - AFRICA
37 PERSIAN GULF - EAST AND SOUTH AFRICA
38 NW EUROPE - EAST COAST OF NORTH AMERICA
39 NW EUROPE - GULF OF MEXICO
40 NW EUROPE - WEST COAST OF NORTH AMERICA
41 NORTH SEA - AUSTRALIA
42 NEW-YORK - SOUTH AMERICA
43 EUROPE - EAST ASIA
44 EUROPE - INDIA
45 NORTH SEA - FAR EAST
46 WESTCOAST - SOUTH AMERICA - EUROPE
47 EUROPE - PERZIE

48 EUROPE - FAR EAST
49 JAPAN - AMERICA
50 ROTTERDAM - EAST COAST ENGLAND
51 NORTH ATLANTIC OCEAN
52 AFRICA - JAPAN - PERSIAN GULF - EUROPE
53 EUROPE - CANADA
54 NORTH SEA - PERSIAN GULF
55 EUROPE - RED SEA
56 NORTH SEA - SOUTH AMERICA
57 NORTH SEA - BURMA
58 EUROPE - WEST AFRICA AND GULF OF MEXICO
59 EUROPE - AUSTRALIA
60 JAPAN - EAST COAST NORTH AMERICA
61 AMSTERDAM - EAST COAST ENGLAND
62 NEW ZEALAND - PANAMA - EUROPE
63 EUROPE - SOUTH AMERICA
64 EUROPE - WEST AFRICA AND NORTH AMERICA
65 EUROPE BURMA
66 FISHING GROUNDS IN THE NORTH SEA AND IRISH SEA

NETHERLANDS

01.01.1970

Selected Ships

ABBEKERK	PCBJ	4	AN	MER	W	P W	BU	SS	MS	1	15.0
ABIDA (Tanker)	PCBP	1	AN	MER	W	P W	BU		TMS	1	12.0
ACHILLES	PCCF	26	AN	MER	W	P W	BU	SS	TMS	1	13.0
ACILA (Tanker)	PCCM	1	AN	MER	W	P W	BU		TMS	1	14.0
ACMAEA (Tanker)	PCCS	1	AN	MER	W	P W	BU		TMS	1	14.0
ACTEON (Tanker)	PCCV	1	AN	MER	W	P W	BU		TMS	1	14.0
ADRASTUS	PCDK	2	AN	MER	W	P W	BU	SS	MS	1	14.0
ALCOR	PCIR	3	AN	MER	W	P W	BU	SS	TMS	1	14.0
ALGOL	PCLD	16	AN	MER	W	P W	BU	SS	TMS	1	15.0
ALGORAB	PCLF	5	AN	MER	W	P W	BU	SS	TMS	1	16.0
ALIOTH	PCMI	5	AN	MER	W	P W	BU	SS	TMS	1	13.0
ALKES	PCMK	5	AN	MER	W	P W	BU	SS	TMS	1	13.0
AMERSKERK	PCCU	3	AN	MER	W	P W	BU	SS	MS	1	16.0
AMPENAN	PCPE	16	MER	MER	W	P W	BU	SS	MS	1	19.0
AMSTELDIEP	PCPH	1	AN	MER	W	P W	BU	SS	MS	1	17.0
AMSTELHOEK	PCPK	1	AN	MER	W	P W	BU	SS	MS	1	17.0
AMSTELHOF	PCPL	1	AN	MER	W	P W	BU	SS	MS	1	19.0
AMSTELLAND	PCPS	5	AN	MER	W	P W	BU	SS	MS	1	16.0
AMSTELMOLEN	PCPR	1	AN	MER	W	P W	BU	SS	MS	1	16.0
AMSTELPARK	PCPO	1	AN	MER	W	P W	BU	SS	TMS	1	20.0
AMSTELSTAD	PCPU	1	AN	MER	W	P W	BU	SS	MS	1	16.0
AMSTELVEEN	PCPY	1	AN	MER	W	P W	BU	SS	MS	1	17.0
AMSTELVELD	PCPW	1	AN	MER	W	P W	BU	SS	MS	1	16.0
ANNENKERK	PCRL	3	AN	MER	W	P W	BU	SS	MS	1	16.0
ARCA (Tanker)	PCSS	1	AN	MER	W	P W	BU		TMS	1	14.0
ARCHIMEDES	PCSU	26	AN	MER	W	P W	BU	SS	TMS	1	12.0
ARENSKERK	PCTI	4	AN	MER	W	P W	BU	SS	MS	1	15.0
ARES	PCTM	26	AN	MER	W	P W	BU	SS	TMS	1	13.0
ARISTOTELES	PCUP	23	AN	MER	W	P W	BU	SS	TMS	1	12.0
ASMIOISKE	PCUW	5	AN	MER	W	P W	BU	SS	TMS	1	18.0
ASTEROPE	PCUY	5	AN	MER	W	P W	BU	SS	TMS	1	17.0

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NETHERLANDS

ATLANTIC CROWN	PCVH	38	AN	MER	W	P W	BU	SS	TMS	1	20.0
ATLANTIC STAR	PCVK	38	AN	MER	W	P W	BU	SS	TMS	1	25.0
ATYS (Tanker)	PCWA	1	AN	MER	W	P W	BU		TMS	1	16.0
AVEDRECHT (Tanker)	PCWM	1	AN	MER	W	P W	BU		TMS	1	20.0
BALI	PCXT	3	AN	MER	W	P W	BU	SS	MS	1	16.0
BALONG	PCXQ	3	AN	MER	W	P W	BU	SS	MS	1	17.0
BANDA	PCYB	7	AN	MER	W	P W	BU	SS	MS	1	19.0
BANGGAI	PCYE	35	AN	MER	W	P W	BU	SS	MS	1	18.0
BARENDRECHT (Tanker)	PCYP	1	AN	MER	W	P W	BU		TMS	1	19.0
BATJAN	PCYY	7	AN	MER	W	P W	BU	SS	MS	1	19.0
BATU	PCZG	3	AN	MER	W	P W	BU	SS	MS	1	18.0
BAWEAN	PCZK	15	AN	MER	W	P W	BU	SS	MS	1	18.0
BENGALEN	PDAD	2	AN	MER	W	P W	BU	SS	MS	1	15.0
BENGKALIS	PDAF	3	MER	MER	W	P W	BU	SS	MS	1	18.0
BILLITON	PDCV	30	AN	MER	W	P W	BU	SS	MS	1	15.0
BOVENKERK	PDFY	2	AN	MER	W	P W	BU	SS	TMS	1	17.0
CALAMARES	PDHZ	23	AN	MER	W	P W	BU	SS	MS	1	15.0
CAMITIA	PDIV	1	AN	MER	W	P W	BU		MS	1	13.0
CARTAGO	PDJV	19	AN	MER	W	P W	BU		MS	1	14.0
CASTILLA	PDJH	6	AN	MER	W	P W	BU	SS	TMS	1	14.0
CERES	PDKA	23	AN	MER	W	P W	BU	SS	TMS	1	12.0
CHEVRON AMSTERDAM (Tanker)	PDHY	1	AN	MER	W	P W	BU		TMS	1	15.0
CHEVRON ARNHEM (Tanker)	PDIA	1	AN	MER	W	P W	BU	SS	TMS	1	14.0
CHEVRON EINDHOVEN (Tanker)	PDIB	1	AN	MER	W	P W	BU	SS	TMS	1	15.0
CHEVRON LEIDEN (Tanker)	PDIR	1	AN	MER	W	P W	BU		TMS	1	18.0
CHEVRON MADRID (Tanker)	PDII	1	AN	MER	W	P W	BU	SS	TMS	1	17.0
CHEVRON NAPLES (Tanker)	PDHX	1	AN	MER	W	P W	BU	SS	TMS	1	15.0
CHEVRON NEDERLAND (Tanker)	PDHO	1	AN	MER	W	P W	BU	SS	TMS	1	19.0
CHEVRON ROTTERDAM (Tanker)	PDIO	1	AN	MER	W	P W	BU		TMS	1	14.0
CINULIA (Tanker)	PDKK	1	AN	MER	W	P W	BU		MS	1	13.0
COPAN	PDMB	6	AN	MER	W	P W	BU	SS	TMS	1	14.0
COPPENNAME	PDMD	6	AN	MER	W	P W	BU	SS	TMS	1	14.0
CRANIA (Tanker)	PDMS	1	AN	MER	W	P W	BU		MS	1	15.0
DALLIA (Tanker)	PJKR	1	AN	MER	W	P W	BU		TMS	1	21.0

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NETHERLANDS

DAPHNE (Tanker)	PJKJ	1	AN	MER	W	P W	BU		TMS	1	20.0
DE HOOP (Hospital Church)	PHKS	22	AN	MER	W	P W	BU	SS	TMS	1	10.0
DELTADRECHT	PDCG	1	AN	MER	W	P W	BU		TMS	1	18.0
DIADEMA (Tanker)	PJKE	1	AN	MER	W	P W	BU		TMS	1	20.0
DILOMA (Tanker)	PJKA	1	AN	MER	W	P W	BU		TMS	1	20.0
DINTELDYK	PDQG	13	AN	MER	W	P W	BU	SS	MS	1	18.0
DIOGENES	PDQJ	23	AN	MER	W	P W	BU	SS	TMS	1	12.0
DIONE (Tanker)	PJKP	1	AN	MER	W	P W	BU		TMS	1	20.0
DORDRECHT (Tanker)	PDRW	1	AN	MER	W	P W	BU		TMS	1	18.0
DOSINA (Tanker)	PDIT	1	AN	MER	W	P W	BU		TMS	1	17.0
DOSINA (Tanker)	PJKK	1	AN	MER	W	P W	BU		TMS	1	18.0
DUIVENDRECHT	PDTQ	1	AN	MER	W	P W	BU		TMS	1	19.0
EEMLAND	PDVI	5	AN	MER	W	P W	BU	SS	TMS	1	14.0
ELBE	PDWN	1	AN	MER	W	P W	BU	SS	TMS	1	8.0
ESSO DEN HAAG (Tanker)	PDZK	1	AN	MER	W	P W	BU	SS	TMS	1	22.0
ESSO ROTTERDAM (Tanker)	PDZO	1	AN	MER	W	P W	BU	SS	TMS	1	14.0
FOREST HILL (Tanker)	PEDH	1	AN	MER	W	P W	BU	SS	TMS	1	16.0
FOREST LAKE (Tanker)	PEDE	1	AN	MER	W	P W	BU	SS	TMS	1	16.0
FOREST TOWN (Tanker)	PEDF	1	AN	MER	W	P W	BU	SS	TMS	1	16.0
GAASTERDYK	PEFE	39	AN	MER	W	P W	BU	SS	TMS	1	17.0
GAASTERKERK	PEFG	18	AN	MER	W	P W	BU	SS	MS	1	13.0
GAASTERLAND	PEFJ	5	AN	MER	W	P W	BU	SS	MS	1	11.0
GANYMEDES	PEFR	26	AN	MER	W	P W	BU	SS	TMS	1	12.0
GARCET	PEFU	16	MER	MER	W	P W	BU	SS	MS	1	13.0
GEESTLAND	PEGW	11	AN	MER	W	P W	BU	SS	TMS	1	10.0
GEESTSTAR	PEGX	11	AN	MER	W	P W	BU	SS	TMS	1	10.0
GIESSENKERK	PEIY	3	AN	MER	W	P W	BU	SS	MS	1	17.0
GOOILAND	PEJS	5	AN	MER	W	P W	BU	SS	TMS	1	18.0
GORREDYK	PEJR	39	AN	MER	W	P W	BU	SS	TMS	1	18.0
GRAVELAND	PEKB	5	AN	MER	W	P W	BU	SS	MS	1	12.0
GREBBEDYK	PEKF	39	AN	MER	W	P W	BU	SS	TMS	1	17.0
GROOTEKERK	PELD	18	AN	MER	W	P W	BU	SS	MS	1	16.0
GROTEDYK	PELF	39	AN	MER	W	P W	BU	SS	TMS	1	19.0

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NETHERLANDS

GULF HANSA (Tanker)	PELP	1	AN	MER	W	P W	BU	SS	MS	1	16.0
GULF HOLLANDER (Tanker)	PELQ	1	AN	MER	W	P W	BU	SS	TMS	1	17.0
GULF ITALIAN (Tanker)	PELR	1	AN	MER	W	P W	BU	SS	TMS	1	17.0
GULF SWEDE (Tanker)	PELS	1	AN	MER	W	P W	BU	SS	TMS	1	16.0
HERCULES	PERC	26	AN	MER	W	P W	BU	SS	TMS	1	12.0
HERMES	PERB	23	AN	MER	W	P W	BU	SS	TMS	1	12.0
HILVERSUM	PERT	39	AN	MER	W	P W	BU		TMS	1	15.0
HOLENDRECHT	PESI	1	AN	MER	W	P W	BU		TMS	1	17.0
HOLLANDS DIEP	PEST	36	AN	MER	W	P W	BU		MS	1	15.0
HOLLANDS DREEF	PESW	1	MER	MER	W	P W	BU		MS	1	15.0
HOLLANDS DUIN	PESS	1	AN	MER	W	P W	BU		MS	1	14.0
HOUTMAN	PEUC	37	MER	MER	W	P W	BU	SS	TMS	1	13.0
ITTERSUM	PEXG	39	AN	MER	W	P W	BU		TMS	1	15.0
JACOB VAN HEEMSKERCK	PEYR	1	AN	MER	W	P W	BU	SS	TMS	1	7.0
JOHANNES FRANS	PFDN	1	AN	MER	W	P W	BU	SS	TMS	1	16.0
KABYLIA (Tanker)	PFGI	1	AN	MER	W	P W	BU		MS	1	14.0
KALYDON (Tanker)	PFGO	1	AN	MER	W	P W	BU		MS	1	14.0
KAMFERDYK	PFGW	13	AN	MER	W	P W	BU	SS	TMS	1	14.0
KARA (Tanker)	PFGT	1	AN	MER	W	P W	BU		MS	1	14.0
KARACHI	PFGX	30	AN	MER	W	P W	BU	SS	MS	1	18.0
KARAKORUM	PFGY	21	AN	MER	W	P W	BU	SS	MS	1	20.0
KARIMATA	PFHE	15	AN	MER	W	P W	BU	SS	MS	1	19.0
KARIMUN	PFHF	30	AN	MER	W	P W	BU	SS	MS	1	17.0
KATELYSIA (Tanker)	PFHO	1	AN	MER	W	P W	BU		MS	1	15.0
KATENDRECHT	PFHQ	3	AN	MER	W	P W	BU		TMS	1	15.0
KATSEDYK	PFHR	18	AN	MER	W	P W	BU	SS	TMS	1	14.0
KATWYK	PFHW	1	MER	MER	W	P W	BU	SS	TMS	1	14.0
KEIZERSWAARD (Tanker)	PFIM	1	AN	MER	W	P W	BU	SS	TMS	1	14.0
KELLETTIA (Tanker)	PFIQ	1	AN	MER	W	P W	BU		TMS	1	14.0
KENIA (Tanker)	PFIT	1	AN	MER	W	P W	BU		TMS	1	12.0
KENNEMERLAND	PFIW	25	AN	MER	W	P W	BU	SS	MS	1	14.0
KERKEDYK	PFIX	24	AN	MER	W	P W	BU	SS	TMS	1	13.0
KERMIA (Tanker)	PFIY	1	AN	MER	W	P W	BU		TMS	1	13.0
KHASIELLA (Tanker)	PFJH	1	AN	MER	W	P W	BU		TMS	1	15.0

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NETHERLANDS

KINDERDYK	PFJL	24	AN	MER	W	P W	BU	SS	MS	1	13.0
KLOCSTERCYK	PFKE	24	AN	MER	W	P W	BU	SS	TMS	1	12.0
KLOCSTERKERK	PFKF	2	AN	MER	W	P W	BU	SS	TMS	1	16.0
KOPIONELLA (Tanker)	PFLF	1	AN	MER	W	P W	BU		TMS	1	13.0
KORENDYK	PFLK	25	AN	MER	W	P W	BU	SS	TMS	1	14.0
KORENIA (Tanker)	PFLJ	1	AN	MER	W	P W	BU		TMS	1	14.0
KOROVINA (Tanker)	PFLM	1	AN	MER	W	P W	BU		TMS	1	14.0
KOSICIA (Tanker)	PFLD	1	AN	MER	W	P W	BU		TMS	1	12.0
KOSSMATELLA (Tanker)	PFLQ	1	AN	MER	W	P W	BU		TMS	1	12.0
KOUDEKERK	PFLP	2	AN	MER	W	P W	BU	SS	TMS	1	16.0
KREBSIA (Tanker)	PFLV	1	AN	MER	W	P W	BU		TMS	1	15.0
KRYPTOS (Tanker)	PFLX	1	AN	MER	W	P W	BU		TMS	1	15.0
KYLIX (Tanker)	PFLY	1	AN	MER	W	P W	BU		TMS	1	15.0
LAADERKERK	PFMZ	16	AN	MER	W	P W	BU	SS	TMS	1	16.0
LEIDERKERK	PFNO	16	AN	MER	W	P W	BU	SS	TMS	1	14.0
LELYKERK	PFCA	16	AN	MER	W	P W	BU	SS	TMS	1	18.0
LEUVE LLOYD	PFCR	12	AN	MER	W	P W	BU	SS	TMS	1	20.0
LIMBURG	PFOS	14	MER	MER	W	P W	BU	SS	MS	1	14.0
LOIRE LLOYD	PFPL	12	AN	MER	W	P W	BU	SS	TMS	1	18.0
LOPPERSUM	PFQI	39	AN	MER	W	P W	BU		TMS	1	18.0
MAAS LLOYD	PFRM	10	AN	MER	W	P W	BU	SS	TMS	1	15.0
MACOMA (Tanker)	PJLB	1	AN	MER	W	P W	BU		TMS	1	30.0
MADISON LLOYD	PFSG	2	AN	MER	W	P W	BU	SS	TMS	1	15.0
MAIN LLOYD	PFSU	12	AN	MER	W	P W	BU	SS	TMS	1	15.0
MARNE LLOYD	PFVT	10	MER	MER	W	P W	BU	SS	TMS	1	15.0
MEERDRECHT	PFWU	1	AN	MER	W	P W	BU		TMS	1	16.0
MERCURIUS	PFYJ	23	AN	MER	W	P W	BU	SS	TMS	1	16.0
MERSEY LLOYD	PFYT	9	AN	MER	W	P W	BU	SS	TMS	1	15.0
MERWE LLOYD	PFYU	10	AN	MER	W	P W	BU	SS	TMS	1	15.0
METULA (Tanker)	PJLM	1	AN	MER	W	P W	C		TMS	1	30.0
MISSISSIPPI LLOYD	PGAF	21	MER	MER	W	P W	BU	SS	TMS	1	16.0
MOERDYK	PGAO	13	AN	MER	W	P W	BU	SS	TMS	1	17.0
MONTFERLAND	PGBA	5	AN	MER	W	P W	BU	SS	MS	1	14.0
MOORDRECHT	PJNG	8	AN	MER	W	P W	BU	SS	TMS	1	14.0

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MUNTTOREN (Tanker)	PGBQ	1	AN	MER	W	P W	BU	SS	TMS 1	15.0
MUSI LLOYD	PGBU	21	MER	MER	W	P W	BU	SS	TMS 1	15.0
MYDRECHT (Tanker)	PGBW	1	AN	MER	W	P W	BU		TMS 1	14.0
NEDER EBRO	PGDH	10	AN	MER	W	P W	BU	SS	TMS 1	14.0
NEDER EEMS	PGDI	21	AN	MER	W	P W	BU	SS	TMS 1	15.0
NEDER ELBE	PGDJ	14	MER	MER	W	P W	BU	SS	TMS 1	14.0
NEDER LEK	PGDL	12	AN	MER	W	P W	BU	SS	TMS 1	14.0
NEDER LINGE	PGDM	12	AN	MER	W	P W	BU	SS	TMS 1	14.0
NEDER RHONE	PGDQ	2	AN	MER	W	P W	BU	SS	TMS 1	14.0
NEDER RYN	PGDP	8	AN	MER	W	P W	BU	SS	TMS 1	14.0
NEDER WAAL	PGDK	2	AN	MER	W	P W	BU	SS	MS 1	14.0
NEDER WESER	PGDO	21	MER	MER	W	P W	BU	SS	MS 1	20.0
NEPTUNUS	PGEU	23	AN	MER	W	P W	BU	SS	TMS 1	16.0
NEVERITA (Tanker)	PJKU	1	AN	MER	W	P W	BU		TMS 1	20.0
NIEUW AMSTERDAM	PGGF	40	AN	MER	W	P W	BU	SS	TMS 6	24.0
NISO (Tanker)	PJKL	1	AN	MER	W	P W	BU		TMS 1	19.0
NYKERK	PGKR	18	MER	MER	W	P W	BU	SS	TMS 1	14.0
OLDEKERK	PGMH	18	MER	MER	W	P W	BU	SS	MS 1	15.0
OMMENKERK	PGMR	3	AN	MER	W	P W	BU	SS	MS 1	15.0
ONDINA (Tanker)	PGNB	1	AN	MER	W	P W	BU		TMS 1	16.0
ONCBA (Tanker)	PGNL	1	AN	MER	W	P W	BU		TMS 1	20.0
OOSTKERK	PGND	4	MER	MER	W	P W	BU	SS	MS 1	15.0
ORANJE NASSAU	PGCJ	23	AN	MER	W	P W	BU	SS	TMS 2	16.0
OSSENDRECHT	PGPM	1	AN	MER	W	P W	BU		TMS 1	17.0
OUWERKERK	PGPR	16	AN	MER	W	P W	BU	SS	MS 1	15.0
OVERYSEL	PGPW	3	AN	MER	W	P W	BU	SS	MS 1	16.0
PALAMEDES	PGQT	23	AN	MER	W	P W	BU	SS	TMS 1	12.0
PERICLES	PGRZ	26	AN	MER	W	P W	BU	SS	TMS 1	13.0
POELDYK	PGTV	39	AN	MER	W	P W	BU	SS	TMS 1	15.0
PRINS DER NEDERLANDEN	PGVR	23	AN	MER	W	P W	BU	SS	TMS 2	16.0
PRINSES MARGRIET	PGVS	40	AN	MER	W	P W	BU	SS	TMS 2	15.0
PRINSES MARGIET (Training)	PGVO	22	AN	MER	W	P W	BU	SS	TMS 1	10.0
RADJA	PGYE	4	AN	MER	W	P W	BU	SS	MS 1	16.0

NETHERLANDS

RANDFONTEIN	PGYL	3	AN	MER	W	P W	BU	SS	TMS 2	17.0
RONDO	PHDN	4	MER	MER	W	P W	BU	SS	MS 1	16.0
ROTTE	PHEL	1	AN	MER	W	P W	BU	SS	TMS 1	15.0
ROTTERDAM	PHEG	40	AN	MER	W	P W	BU	SS	TMS 6	28.0
ROTTI	PHEM	14	MER	MER	W	P W	BU	SS	MS 1	16.0
RYN	PHFN	1	AN	MER	W	P W	BU	SS	TMS 1	17.0
RYNDAM	PHFR	40	AN	MER	W	P W	BU	SS	TMS 3	20.0
SCHELDE LLOYD	PHJC	2	MER	MER	W	P W	BU	SS	TMS 1	15.0
SCHELPWYK (Tanker)	PHJD	1	AN	MER	W	P W	BU	SS	TMS 1	15.0
SCHERPENDRECHT	PHJI	3	AN	MER	W	P W	BU	SS	MS 1	15.0
SCHIE LLOYD	PHJO	2	AN	MER	W	P W	BU	SS	TMS 1	15.0
SCHIEKERK	PHJN	2	AN	MER	W	P W	BU	SS	TMS 1	19.0
SEINE LLOYD	PHKH	9	AN	MER	W	P W	BU	SS	TMS 1	16.0
SEPIA (Tanker)	PHKW	1	AN	MER	W	P W	BU	SS	TMS 1	16.0
SEROOSKERK	PHLP	3	AN	MER	W	P W	BU	SS	TMS 1	18.0
SERVAASKERK	PHLR	2	AN	MER	W	P W	BU	SS	TMS 1	18.0
SIMONSKERK	PHMU	3	AN	MER	W	P W	BU	SS	TMS 1	18.0
SINOUTSKERK	PHNB	2	AN	MER	W	P W	BU	SS	TMS 1	18.0
SLIEDRECHT	PHCF	1	AN	MER	W	P W	BU	SS	MS 1	15.0
SLOTTERKERK	PHCP	2	MER	MER	W	P W	BU	SS	TMS 1	16.0
SOCRATES	PHOK	23	AN	MER	W	P W	BU	SS	TMS 1	12.0
SPAARNEKERK	PHPZ	2	AN	MER	W	P W	BU	SS	TMS 1	18.0
STAAT ACCRA	PHVA	27	AN	MER	W	P W	BU	SS	TMS 1	20.0
STATENDAM	PHSC	40	AN	MER	W	P W	BU	SS	TMS 5	18.0
STEENKERK	PHSG	2	AN	MER	W	P W	BU	SS	TMS 1	18.0
STRAAT ADELAIDE	PHVB	27	AN	MER	W	P W	BU	SS	TMS 1	20.0
STRAAT AGULHAS	PHVD	36	AN	MER	W	P W	BU	SS	TMS 1	20.0
STRAAT ALGOA	PHVE	35	AN	MER	W	P W	BU	SS	TMS 1	21.0
STRAAT AMSTERDAM	PHVC	27	AN	MER	W	P W	BU	SS	TMS 1	20.0
STRAAT AUCKLAND	PHVF	27	AN	MER	W	P W	BU	SS	TMS 1	20.0
STRAAT BALI	PHTJ	36	MER	MER	W	P W	BU	SS	TMS 1	15.0
STRAAT BANKA	PHTL	34	AN	MER	W	P W	BU	SS	MS 1	15.0
STRAAT CHATHAM	PHUB	33	MER	MER	W	P W	BU	SS	TMS 1	13.0
STRAAT CLARENCE	PHTM	32	AN	MER	W	P W	BU	SS	MS 1	13.0

NETHERLANDS

STRAAT CLEMENT	PHTX	32	MER	MER	W	P W	BU	SS	MS	1	13.0
STRAAT COLUMBO	PHUD	32	MER	MER	W	P W	BU	SS	TMS	1	15.0
STRAAT COOK	PHTI	33	MER	MER	W	P W	BU	SS	MS	1	13.0
STRAAT CUMBERLAND	PHTZ	32	MER	MER	W	P W	BU	SS	MS	1	13.0
STRAAT FIJI	PHUO	35	MER	MER	W	P W	BU	SS	TMS	1	13.0
STRAAT FLORIDA	PHUP	36	MER	MER	W	P W	BU	SS	TMS	1	13.0
STRAAT FRANKLIN	PHUI	36	MER	MER	W	P W	BU	SS	TMS	1	14.0
STRAAT FRAZER	PHUK	36	MER	MER	W	P W	BU	SS	TMS	1	15.0
STRAAT FREETOWN	PHUH	36	MER	MER	W	P W	BU	SS	TMS	1	15.0
STRAAT FREMANTLE	PHUF	36	MER	MER	W	P W	BU	SS	TMS	1	14.0
STRAAT FUSHIMI	PHUM	35	MER	MER	W	P W	BU	SS	TMS	1	14.0
STRAAT FUTAMI	PHUN	36	MER	MER	W	P W	BU	SS	TMS	1	15.0
STRAAT HOBART	PHUX	35	AN	MER	W	P W	BU	SS	TMS	1	13.0
STRAAT HOLLAND	PHUQ	35	MER	MER	W	P W	BU	SS	TMS	1	15.0
STRAAT HONGKONG	PHUW	35	MER	MER	W	P W	BU	SS	TMS	1	15.0
STRAAT HONSFU	PHUY	35	AN	MER	W	P W	BU	SS	TMS	1	15.0
STRAAT JOHORE	PHTS	33	MER	MER	W	P W	BU	SS	MS	1	13.0
STRAAT LAGOS	PHUT	28	MER	MER	W	P W	BU	SS	TMS	1	11.0
STRAAT LE MAIRE	PHUR	28	MER	MER	W	P W	BU	SS	TMS	1	14.0
STRAAT LOMBOK	PHTR	37	MER	MER	W	P W	BU	SS	MS	1	14.0
STRAAT LUANDA	PHUS	28	AN	MER	W	P W	BU	SS	TMS	1	15.0
STRAAT LUZON	PHUV	28	MER	MER	W	P W	BU	SS	TMS	1	12.0
STRAAT MADURA	PHTQ	37	MER	MER	W	P W	BU	SS	TMS	1	13.0
STRAAT MAGELHAEN	PHTW	36	MER	MER	W	P W	BU	SS	TMS	1	14.0
STRAAT MCZAMBIQUE	PHTP	36	MER	MER	W	P W	BU	SS	TMS	1	15.0
STRAAT RIO	PHUC	35	AN	MER	W	P W	BU	SS	MS	1	15.0
STRAAT SINGAPORE	PHTV	33	MER	MER	W	P W	BU	SS	MS	1	14.0
STRAAT TORRES	PHTU	37	AN	MER	W	P W	BU	SS	MS	1	13.0
STRAAT TOWA	PHUE	36	MER	MER	W	P W	BU	SS	TMS	1	15.0
STRAAT VAN DIEMEN	PHTY	36	MER	MER	W	P W	BU	SS	MS	1	14.0
STREEFKERK	PHUG	30	AN	MER	W	P W	BU	SS	TMS	1	18.0
TAHAMA (Tanker)	PHWG	1	AN	MER	W	P W	BU	SS	TMS	1	16.0
TAMARA (Tanker)	PHWJ	1	AN	MER	W	P W	BU	SS	TMS	1	16.0
THUREDRECHT	PHYP	1	AN	MER	W	P W	BU	SS	TMS	1	17.0

NETHERLANDS

TJIBANTJET	PHZF	36	MER	MER	W	P W	BU	SS	MS	1	14.0
TJIKAMPEK	PHZW	36	AN	MER	W	P W	BU	SS	MS	1	13.0
TJILIWONG	PHYT	36	MER	MER	W	P W	BU	SS	TMS	1	12.0
TJILUWAH	PHZE	31	AN	MER	W	P W	BU	SS	TMS	1	17.0
TJIMANUK	PHYS	36	MER	MER	W	P W	BU	SS	MS	1	11.0
TJINEGARA	PHZC	34	MER	MER	W	P W	BU	SS	MS	1	16.0
TJIPONOCK	PHZX	36	MER	MER	W	P W	BU	SS	MS	1	14.0
TJITARUM	PHYZ	36	MER	MER	W	P W	BU	SS	TMS	1	11.0
TJIWANGI	PIAM	31	MER	MER	W	P W	BU	SS	MS	2	18.0
TRIDENS	PBVG	20	AN	MER	W	P W	BU	SS	TMS	1	10.0
TRYSBEJ (Tanker) (LIBERIA)	ELRG	1	AN	MER	W	P W	BU	SS	TMS	1	21.0
ULYSSES	PICJ	26	AN	MER	W	P W	BU	SS	TMS	1	12.0
UTRECHT	PICT	14	MER	MER	W	P W	BU	SS	TMS	1	16.0
VASUM (Tanker)	PIEK	1	AN	MER	W	P W	BU		TMS	1	16.0
VIANA (Tanker)	PIGS	1	AN	MER	W	P W	BU		TMS	1	15.0
VITREA (Tanker)	PIGU	1	AN	MER	W	P W	BU		TMS	1	16.0
VIVIPARA (Tanker)	PIGQ	1	AN	MER	W	P W	BU		TMS	1	16.0
VLIST	PIHR	1	AN	MER	W	P W	BU	SS	TMS	1	15.0
WAALEKERK	PILG	17	AN	MER	W	P W	BU	SS	TMS	1	18.0
WAARDRECHT	PILJ	1	AN	MER	W	P W	BU		TMS	1	16.0
WATERLAND	PIMV	3	AN	MER	W	P W	BU	SS	MS	1	16.0
WESTERKERK	PICA	17	AN	MER	W	P W	BU	SS	TMS	1	18.0
WESTERTOREN (Tanker)	PICG	1	AN	MER	W	P W	BU	SS	TMS	1	16.0
WIELDRECHT	PIOU	1	AN	MER	W	P W	BU		TMS	1	13.0
WILLEMSKERK	PIQR	17	AN	MER	W	P W	BU	SS	TMS	1	17.0
WISSEKERK	PIRA	17	AN	MER	W	P W	BU	SS	TMS	1	18.0
WITMARSUM	PIRE	38	AN	MER	W	P W	BU		TMS	1	15.0
WOENSDRECHT	PIRX	1	AN	MER	W	P W	BU		TMS	1	17.0
WOLTERSUM	PIRL	39	AN	MER	W	P W	BU		TMS	1	15.0
WONOGIRI	PIRO	29	MER	MER	W	P W	BU	SS	MS	1	15.0
WONORABO	PIRN	7	AN	MER	W	P W	BU	SS	TMS	1	15.0
WONOSARI	PIRP	3	AN	MER	W	P W	BU	SS	MS	1	15.0
WONOSOBO	PIRR	7	MER	MER	W	P W	BU	SS	MS	1	16.0
ZAANKERK	PIWC	3	AN	MER	W	P W	BU	SS	MS	1	17.0

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NETHERLANDS

ZAANLAND	PIWD	3	AN	MER	W	P W	BU	SS	MS	1	16.0
ZAFRA (Tanker)	PIWA	1	AN	MER	W	P W	BU		TMS	1	16.0
ZARIA (Tanker)	PIWB	1	AN	MER	W	P W	BU		TMS	1	15.0
ZEELAND	PIWU	14	MER	MER	W	P W	BU	SS	MS	1	15.0
ZONNEKERK	PIYJ	3	AN	MER	W	P W	BU	SS	MS	1	16.0
ZUIDERKERK	PIYR	3	AN	MER	W	P W	BU	SS	TMS	1	18.0
ZWARTE ZEE	PIZQ	1	AN	MER	W	P W	BU	SS	TMS	1	10.0
ZWYNDRECHT	PIZR	1	AN	MER	W	P W	BU	SS	TMS	1	17.0

Trawlers

ADRIAANTJE	PCDR	66
ALI	PCMF	66
ANTJE	PCSH	66
ARIE	PCUF	66
CAROLINA	PDJA	66
DEINING	PDOH	66
DIRK MARIA	PDQP	66
ESTER JACOBA	PDZR	66
GEERTRUICA	PEGM	66
GYSBERT MARIAN	PELY	66
HUIBERTJE	PEUI	66
JACOB SENIOR	PEZH	66
JAN VAN DEN BERG	PFBQ	66
JANNIE MARIE	PFAF	66
JOLANDA	PCFD	66
KLAAS MAARTEN	PFJZ	66
KORAALBANK	PFLG	66
PIETER JACOB	PGTR	66
PRINS JOHAN FRISO	PGWI	66
TRYNTJE ALLEGONDA	PIBL	66
TRYNTJE MARRETJE	PIBK	66
WILLY	PIQX	66
WILMA	PIPZ	66

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NETHERLANDS

YVONNE YOLANDA PIUW 66

Auxiliary Ships

A.P.J. PRIYA	ATBF	44
ACT I	GYXG	41
ADARA	PCDD	42
AEGIS PIONEER	SVMN	1
AJAX	GVBD	43
AMELAND	PCOQ	1
ANDROMEDA	SYHG	1
ANGELIKI	SXQH	1
ANJA	LMCX	1
ANTILLA CAPE	PJLP	1
ARANYA	CXMD	45
ARIS	SXVI	46
ARISTON	5MRB	45
ARISTOTELES	SYPD	46
ARNEB	PCUG	46
ARYA FAR	EPDD	47
ASMARA	OZME	48
ATHINA CARRAS	6ZVJ	1
ATLANTIC PRINSES	6ZWP	1
ATLANTIC QUEENS	6ZUJ	1
AUD PRESTHUS	LAOX	1
AUSTRALIAN ENDEAVOUR	VJAE	41
BALTICBORG	PCXO	22
BANADEROS	LIVA	1
BANNERVALE	GHLG	43
BARBARA BROVIG	LNWX	1
BARENTSZ ZEE	PCYI	1
BASILEA	HBFK	43
BELINDA	JWZC	1
BELLAMI	JXRP	49

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NETHERLANDS

BERGECAPTAIN	JWZE	1
BERGEMASTER	JXLM	1
BOMA	OWUE	48
BOTHNIABORG	PDFV	22
BRITTENBURGH	PDGW	50
CALTEX BRUSSELS	HOHQ	1
CARDO	LILH	1
CARMEN	JXXN	1
CASTAGNOLA	HBDZ	43
CEYLON	SFUN	43
CHEMICAL ENTREPRISE	6ZHZ	1
CLYDE	PDKY	1
CLYDEWATER	HCAD	1
CORIA	PDKG	22
DELIAN SPIRIT	SYON	1
DENEB	PDQB	1
DISA	ZXTH	43
DJATIANOM	LAVU	43
DORESTAD	PDRU	1
EASTGATE	GWWR	1
EEMHAVEN	PDVF	63
EEMSTROOM	PCVY	51
ELIAS LOMOS	SZPH	1
ELISABETH FERNSTROM	SJZT	1
ELLINIS	SWXX	41
EURYGENES	SXJZ	43
EVDORI	5MZR	1
FALKANGER	LGCT	1
FERNCREST	LJDT	1
FLINDERS BAY	GYS A	41
FLOWERGATE	GYVH	52
FORSVIK	SDHA	1
GISNA	JXLX	43
GOEREE	PEJC	1

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NETHERLANDS

GRAINTON	GXST	45
HAPPY DRAGON	LKFX	1
HAUKEFJELL	JXSL	53
HIRADO	SMCT	48
HOEGH FAIR	JWNO	1
HOLLANDS BURCHT	PESX	1
HOODRIVER VALLEY	SEJN	45
HOPEPARK	GYXD	54
HUNTSMARE	GMGM	1
HYDRCUSSA	ELTS	1
IDA KNUDSEN	JWTA	1
IJSTROOM	PIUT	61
IOLOOS	5MUS	1
IVINGHOE BEACON	GSSX	1
JOLANDA SMITS	PFEB	1
JYTTE SKCU	CXCS	1
KAAP HOORN	PFGB	1
KAVO PEIRATIS	SZVK	1
KONINGSWAARD	PFLE	1
KRISTINA	JXDO	1
LAGO	LCYU	1
LALIBELLA	ETBD	1
LIFJORD	JWYV	1
LION OF JUDAH	ETBB	55
LOUCAS N	SYUL	1
LYCURGOS	HPMM	1
MARIBRUNA	5LFE	1
MARIE MAERSK	OWXP	1
MARONIA	SVER	56
MASHIRA	PGCX	42
MATRA	GZYJ	43
MEDITERRANEAN SPRINTER	PFWT	58
METGUI	XYML	57
MICHAELIKOS	LAIN	1

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NETHERLANDS

MINERVA	JWXV	1
MISSISSIPI	PGAC	1
MONSOON	JXES	1
MORELIA	OYDO	48
NAESS LIBERTY	5MMK	1
NARA	SEJR	48
NEW WESTMINSTER CITY	MWQD	43
NOORDZEE (Tug/Tugboat)	PGJP	1
NOROFONN	JXSD	1
NORDHAV	JWXP	1
NORWIND	PGKB	22
NUSHABA	PGKL	42
O.T. TONNEVOLD	JXCM	1
OCEANTRAMP	GGXE	1
ORIENT CHALLENGER	6ZCC	1
OSCAR GORTHON	SMHI	1
OSTHAV	JXIO	1
OTCHI RIVER	9GTD	64
OTTO	OFVP	1
PERSEUS	SVWJ	1
PHILIDORA	5MAP	1
PHILINE	5LYJ	1
PHILIPPIA	5LZP	1
PINYA	XYMM	43
POLINIA	ICUL	51
POLYFREEDOM	LLCH	1
POSEIDON	ICXZ	51
PROVIDENCE	JXGC	1
REGINA	HBDR	65
RENA	SVHO	1
RICHARD C.SAUER	5MTV	1
ROODE ZEE	PHCQ	1
RUTH	LMFA	1
RYTTER	LNTR	48

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NETHERLANDS

SARGODHA	CYGB	59
SCHELDE (Tug/Tugboat)	PHIZ	1
SCHOUWEN	PHKE	1
SINE MAERSK	OULU	1
SKAU STRAND	JXQY	1
SOFIE MAERSK	OWPW	1
SONGHKLA	OYQC	45
SPAARNE STROOM	PHQD	22
STAR OF KUWAIT	9KCT	60
STOLT FALCON	LEAJ	1
SUBRA	PHUJ	42
SUMBAWA	OYTR	45
SUNBREEZE	LAWJ	63
SUNDOVE	JXHT	63
SUNRANA	JWZK	63
TABOR	LGJM	59
TAMESIS	LHWI	59
TANK COUNTESS	JWNK	1
TANK DUCHESS	LAVG	1
TARIFA	LNMT	48
TASMANZEE (Tug/Tugboat)	PHWT	1
THEBEN	LFGB	59
THORSDROTT	LJIC	1
TIJUKA	JXGS	59
TONSBERG	JXKY	45
TRAFALGAR	LNZX	48
TRIANON	JXNB	59
TRITON	LNHP	59
TUGELA	LNUO	59
TULANE	LAVV	43
VERITAS	5BEX	1
VESPASIAN	LATE	1
VILLARRRICA	ZPK2	42
VLIELAND	PIHD	59

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NETHERLANDS

WALCHEREN	PILW	1
WITTE ZEE	PIRD	45
ZEALANDIC	GPNU	59
ZENOBA MARTINI	ICQZ	63

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1

NEW CALEDONIA

- 1 AUSTRALIA - NEW HEBRIDES
- 2 NEW CALEDONIA AND DEPENDENCIES (COASTAL SERVICES)
- 3 OCEANOGRAPHY

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2

NEW CALEDONIA

01.01.1970

Selected Ships

POLYNESIS	FCJG	1	AN	MER	S	P S	C	SS	HA	TMS 1	13.0	18.0
CORIOLIS (FRANCE)		3	AN	MER	S	P S	C	SS	BAT	TMS 1	5.0	

Supplementary Ships

CARONTE (FRANCE)	FPWP	2	AN	MER	S	P S	C	SS	HA	MS 1	11.0	
NICKEL (FRANCE)	FNRZ	2	AN	MER	S	P S	C	SS	HA	TMS 1	14.0	
NICKEL II (FRANCE)	FNZA	2	AN	MER	S	P S	C	SS	HA		1	14.0
NORDKIL (FRANCE)		2	AN						HA	T 1	6.0	
VILLE DE NOUMEA (FRANCE)	TORB	1	AN	MER	VS	P VS	C	SS	HA	T 1	11.0	

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1

NEW ZEALAND

- 1 N.Z. - AUSTRALIA
- 2 N.Z. - CHATHAM ISLANDS
- 3 N.Z. COASTAL WATERS
- 4 N.Z. - EAST COAST NORTH AMERICA
- 5 N.Z. - INDIA AND FAR EAST
- 6 N.Z. - PACIFIC ISLANDS
- 7 N.Z. - WEST COAST OF NORTH AMERICA
- 8 N.Z. - NORTH WEST PACIFIC
- 9 OIL DRILLING RIG N.Z. COASTAL WATERS

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2

NEW ZEALAND

01.01.1970

Selected Ships

AUCKLAND EXPORTER	ZMLT	6	AN*	MER	S	P S	C	OS	TM	9.0
CARNATIC	GVSX	8	AN	MER	S	P S	C	OS	TMS 1	15.0
CITY OF AUCKLAND	GWDN	4	MER	MER	S	P S	C	OS	TMS 1	17.0
HOLMBURN	ZMFV	6	AN	MER	S	P S	C	OS	T	9.0
KAIMIRO	ZMEC	1	MER	MER	S	P S	C	OS	TMS 1	13.0
KAITOA	ZMGC	1	MER	MER	S	P S	C	OS	TMS 1	11.0
KAITOKE	ZMTX	1	MER	MER	S	P S	C	OS	TMS 1	
KAITUNA	ZMHR	1	MER	MER	S	P S	C	OS	TMS 1	13.0
KARAMU	ZMQI	1	MER	MER	S	P S	C	OS	TM 1	10.0
KAREPO	ZMNR	1	AN*	MER	S	P S	C	OS	TMS 1	16.0
KARETU	ZMRG	1	AN*	MER	S	P S	C	OS	TMS 1	15.0
KATEA	ZMKG	1	MER	MER	S	P S	C	OS	TMS 1	
KAWAROA	ZMBX	1	MER	MER	S	P S	C	OS	TMS 1	12.0
KAWATIRI	ZMKX	3	MER	MER	S	P S	C	OS	TMS 1	9.0
KAWERAU	ZMFX	1	MER	MER	S	P S	C	OS	TMS 1	14.0
KONUI	ZMVB	3	MER	MER	S	P S	C	OS	TM 1	
KORAKI	ZMDY	1	MER	MER	S	P S	C	OS	TMS 1	11.0
KORANUI	ZMBG	1	AN*	MER	S	P S	C	OS	TMS 1	14.0
KOWAHI	ZMQU	1	MER	MER	S	P S	C	OS	TM 1	
KURUTAI	ZMQH	1	MER	MER	S	P S	C	SS	TMS 1	12.0
MAHENO	ZMGN	1	AN*	MER	S	P S	C	OS	TMS 1	17.0
MAORI	ZMRO	3	MER	MER	S	P S	C	OS	TMS 1	15.0
MARAMA	ZMBW	1	AN*	MER	S	P S	C	OS	TMS 1	17.0
MAUREA	ZMRP	3	MER	MER	S	P S	C	SS	TMS 1	9.0
MOANA ROA	ZMFI	6	AN*	MER	S	P S	C	OS	TMS 2	11.0
NAVUA	ZMCZ	3	MER	MER	S	P S	C	OS	TMS 1	11.0
NGAHERE	ZMUN	1	AN*	MER	S	P S	C	OS	TMS 1	16.0
NGAKUTA	ZMKM	1	AN*	MER	S	P S	C	OS	TMS 1	16.0

* NEW TYPE PRECISION ANEROID BAROMETER
 + SHIP'S OFFICER
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NEW ZEALAND

NGAPARA	ZMJT	1	AN*	MER	S	P	S	C	OS		TMS	1	16.0
NGATORO	ZMRI	1	AN*	MER	S	P	S	C	OS		TMS	1	16.0
SARACEN	GXKB	7	MER	MER	S	P	S	C	OS		TMS	1	14.0
SEA HARVESTER I	ZMNX	3	MER*	MER	S	P	S	C	OS		T		
SEDCO 135F	ZLGB	9	AN*	MER	S	P	S		OS	A	T	2	27.0
TARANUI	ZEVS	8	AN	MER	S	P	S	BU	OS		T	+	8.0
TARAWERA	ZMHF	1,6	MER	MER	S	P	S	C	OS		TMS	1	14.0
TAVEUNI	ZMLR	6	MER	MER	S	P	S	C	OS		TMS	1	14.0
TOFUA	ZMLI	6	MER	MER	S	P	S	C	OS		TMS	1	14.0
VALETTA	JXTJ	8	MER	MER	S	P	S	C	OS		TMS	1	18.0
WAIKARE	ZMCT	1	MER	MER	S	P	S	C	OS		TMS	1	15.0
WAIMATE	ZMDV	6	MER	MER	S	P	S	C	OS		TM	1	10.0
WAIMEA	ZMRU	1	MER	MER	S	P	S	C	OS		TM	1	
WAINUI	GTNQ	5	MER	MER	S	P	S	C	OS		TMS	1	
WAITAKI	GRKY	5	MER	MER	S	P	S	C	OS		TMS	1	17.0
WELLINGTON EXPORTER	ZMKL	6	AN*	MER	S	P	S	C	OS		TM		9.0

Supplementary Ships

ACTEAROA	ZMAC	3	AN	MER	S	P	S	C	OS		TMS	1	13.0
ARAMOANA	ZMRD	3	AN	MER	S		S	C	OS	A	TMS	1	14.0
ARANUI	ZMUR	3	AN	MER	S		S	C	OS	A	TMS	1	14.0
HAWEA	ZMDM	3	MER	MER	S		S	C			TMS	1	13.0
JAMES COOK	ZMJK	3,2	AN	MER	S	P	S	C	OS	ST	T	+	8.0
MAORI	ZMRO	3	MER	MER	S		S	C			TMS	1	

Auxiliary Ships

ATHEL VISCOUNT	GHKY	3											
AUSTRAL PATRIOT	KNKY	4											
AUSTRAL PILOT	KNKZ	4											

* NEW TYPE PRECISION ANEROID BAROMETER
 + SHIP'S OFFICER
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NEW ZEALAND

CAP COLORADO	DAIE	7
CAP EGMONT	OXMU	4
CAP FINISTERRE	DILH	7
CAP FRIO	DIRU	7
CITY OF BIRKENHEAD	GDLP	4
CITY OF SYDNEY	GHCK	4
HAMILTON	GGFE	3
HOLMDALE	ZMRA	2
JILL CORD	OYWA	4
KAIMAI	ZMAB	3
KONINI	ZMBD	3
LIGAR BAY	ZMFB	3
PAGENSAND	DGNP	6
TROJA	JXUQ	6

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1

NORWAY

- 1 BERGEN - NEWCASTLE
- 2 NORWAY - ROTTERDAM
- 3 NORWAY - DENMARK
- 4 NORWAY - SVALBARD
- 5 NORWAY - U.S.A.
- 6 OSLO - NEWCASTLE
- 7 RESEARCH SHIP
- 8 WHALER OFF FALKLAND ISLANDS

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NORWAY

01.01.1970

Selected Ships

MARMORFJELL	LAFD	2	AN	MER	SL	C	OS		TM	1	10.0
PEDER HUSE	LJIH	8	AN	MER	SL	C	SS		TMS	2	10.0
TENERIFFA	LALQ	5	AN	MER	SL	C	SS		TMS	1	13.0
BERGENSFJORD	LAUR	5	AN	MER	SL	C	OS	ST	TMS	3	20.0
BINNY	JXDN	4	AN	MER	SL	C	SS		TMS	1	12.0
BRAEMAR	LACN	6	AN	MER	SL	C	OS		TMS	2	12.0
CHRISTIAN IV	LNXI	3		MER	SL				TM	1	10.0
DRAMMENSFJORD	LARZ	5	AN	MER	SL	C	SS		TMS	1	12.0
FOLDENFJORD	LACZ	5	AN	MER	SL	C	SS		TMS	1	12.0
G.O.SARS	LHLX	7	AN	MER	SL		SS	ST	TMS	1	6.0
H.U.SVERDRUP	LBBR	7	AN	MER	SL		SS	ST	TMS	1	4.0
HELLAND HANSEN	3YAI	7	AN	MER	SL		SS	ST	TM	1	4.0
HOYANGER	JXCV	5	AN	MER	SL	C	SS		TMS	1	16.0
IDEFJORD	JXKS	5	AN	MER	SL	C	SS		TMS	1	12.0
INGERTRE	LGBZ	4	AN	MER	SL	C	SS		TMS	1	12.0
JOHAN HJOPT	LISM	7	AN	MER	SL		SS	ST	TMS	1	6.0
JYLLAND	LIJK	3		MER	SL				TMS	1	7.0
LEDA	LAMX	1	AN	MER	SL		OS	ST	TMS	2	11.0
LYNGENFJORD	LMZU	5	AN	MER	SL	C	OS		TMS	1	12.0
OSLOFJORD	LECK	5	AN	MER	SL		OS	ST	TMS	3	20.0
SAGAFJORD	LFSA	5	AN	MER	SL	C	OS		TMS	3	20.0
SKAGEN	LMDU	3		MER	SL				TM	1	10.0
SKIENSFJORD	JWYT	5	AN	MER	SL	C	SS		TMS	1	12.0
STORE KNUT	JXTW	7	AN	MER	SL		SS	ST	TM	1	8.0
SUNNDALSFJORD	LASC	5	AN	MER	SL	C	SS	ST	TMS	1	14.0
TOPDALSFJORD	JXIB	5	AN	MER	SL	C	SS		TMS	1	12.0

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1

PAKISTAN

- 1 KARACHI - CHITTAGONG
- 2 KARACHI - BOMBAY - SOUTH AFRICAN PORTS
- 3 KARACHI - COLOMBO - CHITTAGONG
- 4 KARACHI - JEDDAH
- 5 KARACHI - INDIA - UNITED STATES OF AMERICA
- 6 KARACHI - FAR EAST
- 7 KARACHI - CONTINENT AND UNITED STATES OF AMERICA
- 8 KARACHI - EUROPE AND UNITED STATES OF AMERICA
- 9 KARACHI - UNITED STATES OF AMERICA AND EASTERN COAST OF AMERICA
- 10 OCCASIONAL SAILING TO UNITED STATES OF AMERICA
- 11 OCCASIONAL SAILING TO EUROPE AND EAST AFRICA
- 12 OCCASIONAL SAILING TO EUROPE

PAKISTAN

01.01.1969

Selected Ships

MV ABASIN	AQVO	6,8	MER	MER	W	P W	BU	OS	1
MV BAGH E KARACHI	AQVM	7	MER	MER	US	P W	BU		1
MV SAFINA E ARAB	AQVA	6,4	MER	MER	W	P W	BU		2
MV SHAMS	AQLN	6	MER	MER	A	P A	C	SS	2
SS ANWAR BAKSH	AQAM	6,9	MER	MER	W	P W	BU	OS	1
SS MUSTALI	AQLY	6	MER	MER	US	P W	BU	OS	1
SS SAFINA E HUJAJ	AQLW	4,5	MER	MER	S	P S	BU	OS	2
SS SAFINA E NUSRAT	AQLM	7	MER	MER	VS	P VS	C	SS	2

Supplementary Ships

MV KARNAPHULI	AQVP	2	MER	MER	W	P W			1
MV OCEAN ENERGY	AQVB	1	MER	MER	US				2
SS DACCA CITY	AQEO	1	MER	MER	US				1
SS IDEAL BAKSH	AQLE	1	MER	MER		P W			1
SS JEHANGIRAEAD	A	1	MER	MER					1
SS SABAQAT	AQVK	1	MER	MER	US	P W			1
SS SURMA	AQGL	3	MER	MER	US				1
SS/MV MCHENJODORO	AQNC	2	MER	MER					1

Auxiliary Ships

MV MUSTANSIR	AQLJ	3	AN	MER	US				1
MV RUSTAM	AQEV	1	AN	MER	US				1
SS ALAHMACI	AQLB	1	AN	MER	US				1
SS CHITTAGONG CITY	AQEL	1	AN	MER	US				1
SS FERONIA	AQLZ	1	AN	MER	US				1
SS ILYAS BAKSH	AQLX	1	AN	MER	US				1
SS MANSOOR	AQLA	3	AN	MER	US				1
SS OCEAN ENSIGN	AQBZ	1	AN	MER	US				1
SS OCEAN ENTERPRISE	AQLO	2	AN	MER	US				1

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3

PAKISTAN

SS SAFINA E ISMAIL

AQGJ

7

AN

MER

US

1

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1

PHILIPPINES

- 1 PHILIPPINES - JAPAN
- 2 PHILIPPINES - KOREA AND JAPAN
- 3 PHILIPPINES - AUSTRALIA (SOMETIMES VIA BORNEO AND HONG KONG)
- 4 PHILIPPINES - HONGKONG - JAPAN - EUROPE
- 5 PHILIPPINES - U.S. COASTS VIA HONGKONG - JAPAN
- 6 PHILIPPINES - HONGKONG - U.S. WEST COASTS - CANADA COAST PORTS
- 7 PHILIPPINES - JAPAN - HONGKONG - U.S. WEST COASTS - CANADA COAST PORTS
- 8 PHILIPPINES - VARIABLE (ACCORDING TO PROJECTS)

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2

PHILIPPINES

01.01.1970

Selected Ships

DONA NATI	DZNR	5	AN	MER	S	P	C		MS	1
EASTERN COMET	DZRR	1	AN	MER	S	P	C		MS	1
EASTERN GALAXY	DZXY	2	AN	MER	S	P	C		MS	1
EASTERN JUPITER	DZXJ	1	AN	MER	S	P	C		MS	1
EASTERN PLANET	DZXP	2	AN	MER	S	P	C		MS	1
EASTERN VENUS	DUJV	1	AN	MER	S	P	C		MS	1
GENERAL LIM	DZGG	1	AN	AL	S	P	C		MS	1
LEONARD	DZEE	1	AN	MER	S	P	C		MS	1
LINGAYEN GULF	DZRQ	1	AN	MER	S	P	C		MS	1
MANILA	DZCM	5	AN	MER	S	P	C		MS	1
MARIA ROSSELLO	DZZM	7	AN	MER	S	P	C	A	MS	1
MOLAVE	DZZA	1	AN	MER	S	P	C		MS	1
NARRA	DZZC	1	AN	MER	S	P	C		MS	1
PABLO	DZET	1	AN	MER	S	P	C		MS	1
PAULINO	DZEP	1	AN	MER	S	P	C		MS	1
PHIL. ABAD SANTOS	DZRV	5	AN	MER	S	P	C	A	MS	1
PHIL. ANTONIO LUNA	DZRT	5	AN	AL	S	P	C	A	MS	1
PHIL. BATAAN	DZRO	5	AN	MER	S	P	C	A	MS	1
PHIL. CORREGIDOR	DZRS	5	AN	MER	S	P	C	A	MS	1
PHIL. PRES. MAGSAYSAY	DZRU	5	AN	MER	S	P	C	A	MS	1
PHIL. PRESIDENT QUEZON	DZRE	5	AN	MER	S	P	C	A	MS	1
PHIL. PRESIDENT ROXAS	DZRX	5	AN	MER	S	P	C	A	MS	1
PHIL. PRESIDENT GARCIA	DZRX	5	AN	AL	S	P	C	A	MS	1
PHIL. PRESIDENT OSMENA	DZRW	5	AN	AL	S	P	C	A	MS	1
PHIL. PRESIDENT QUIRINO	DZRK	5	AN	MER	S	P	C	A	MS	1
PHILIPPINES	DZRG	5	AN	AL	S	P	C	A	MS	1
PHILIPPINES RIZAL	DZRF	5	AN	MER	S	P	C	A	MS	1
TINDALO	DZZD	2	AN	MER	S	P	C		MS	1
YAKAL	DZZB	1	AN	MER	S	P	C		MS	1
ZAMBOANGA	DZCY	2	AN	MER	S	P	C		MS	1

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PHILIPPINES

Supplementary Ships

Ship Name	Code	Count	AN	AL	S	P	C	A	MS	Count	Value
ALEXANDRIA BOTELHO	DVOQ	1	AN	AL	S	P	C	A	MS	1	26.0
DON ANTONIO (LIBERIA)	5MZH	5	AN	AL	S	P	C	A	MS	1	24.0
DON JACINTO II	DVEL	1	AN	AL	S	P	C		MS	1	
DONA CORAZON	DUFD	5	AN	MER	S	P	C		MS	1	
DONA HORTENCIA	DUMT	1	AN	MER	S	P	C		MS	1	
DONA LEONILA	DUOQ	1	AN	MER	S	P	C		MS	1	
DONA PACITA	DUFJ	1	AN	MER	S	P	C		MS	1	
EASTERN MARS	DZXU	1	AN	MER	S	P	C		MS	1	
EASTERN METEOR	DUXX	2	AN	MER	S	P	C		MS	1	
EASTERN VENUS	DUGV	1	AN	MER	S	P	C		MS	1	
EMILIA ROSSELLO	DUGU	7	AN	MER	S	P	C		MS	1	
LEONAR	DULR	1	AN	MER	S	P	C		MS	1	
LUIS	DZEC	1	AN	MER	S	P	C		MS	1	
ORIENTAL AMETHYST	DUMB	1	AN	AL	S	P	C		MS	1	
PRESIDENT AGUINALDO	DZHA	1	AN	AL	S	P	C	A	MS	1	24.0
PRESIDENT GARCIA	DZHC	4	AN	MER	S	P	C		MS	1	
PRESIDENT LAUREL	DZHB	1	AN	AL	S	P	C		MS	1	
PRESIDENT MACAPAGAL	DZHO	5	AN	MER	S	P	C		MS	1	
PRESIDENT MAGSAYSAY	DZHY	4	AN	AL	S	P	C		MS	1	
PRESIDENT MARCOS	DZHF	5	AN	MER	S	P	C		MS	1	
PRESIDENT OSMENA	DZHE	5	AN	AL	S	P	C	A	MS	1	24.0
PRESIDENT QUEZON	DZHZ	4	AN	AL	S	P	C		MS	1	
PRESIDENT QUIRINO	DZHS	1	AN	MER	S	P	C	A	MS	1	24.0
PRESIDENT ROXAS	DZHJ	1	AN	MER	S	P	C	A	MS	1	24.0
RAY	DUDZ	1	AN	MER	S	P	C		MS	1	
REB	DUDY	1	AN	MER	S	P	C		MS	1	
ROSARIO	DVAM	6	AN	AL	S	P	C		MS	1	
ROSS	DUBA	1	AN	MER	S	P	C		MS	1	
RUTH	DUJU	1	AN	MER	S	P	C		MS	1	
SARANGANI BAY	DZRA	2	AN	MER	S	P	C		MS	1	
SIQUIJOR	DZCR	1	AN	MER	S	P	C		MS	1	

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PHILIPPINES

SIRIUS	DZDN	3	AN	MER	S	P	C		MS	1	
Auxiliary Ships											

RESEARCHER I	DUFR	8	AN	AL	S	P	BU C	MAX MIN ST A	MS	1	12.0

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POLAND

- 1 POLISH PORTS - INDONESIA - CHINA - JAPAN - AUSTRALIA
- 2 POLISH PORTS - MEDITERRANEAN SEA
- 3 POLISH PORTS - SOUTH AMERICA
- 4 POLISH PORTS - NORTH AMERICA
- 5 POLISH PORTS - NORTH SEA
- 6 POLISH PORTS - WEST AFRICA
- 7 POLISH PORTS - ARABIAN SEA
- 8 BALTIC SEA
- 9 VARIOUS - TRAMPING

POLAND

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Selected Ships

ADOLF WARSKI	SPNM	1	AN	MER	VS	P VS	C	SS	HA	TMS 1	11.0	13.0
ALEKSANDER ZAWACZKI	SPUJ	7	AN	MER	VS	P VS	C	SS	HA	TMS 1	11.0	13.0
ANDRZEJ STRUG	SPSX	1	AN	MER	VS	P VS	C	SS	HA	TMS 1	12.0	14.0
BOLESŁAW CHROBRY	SPXM	3	AN	MER	VS	P VS	C	SS	HA	TMS 1	12.0	14.0
BOLESŁAW SMIALY	SPXN	3	AN	MER	VS	P VS	C	SS	HA	TMS 1	12.0	14.0
CHEMIK	SPTM	9	AN	MER	VS	P VS	C	SS	HA	TMS 1	15.0	17.0
CZACKI	SPTZ	3	AN	MER	VS	P VS	C	SS	HA	TMS 1	14.0	16.0
DOLNY ŚLĄSK	SPXD	9	AN	MER	VS	P VS	C	SS	HA	TMS 1	14.0	16.0
DOMEYKO	SPRM	4	AN	MER	VS	P VS	C	SS	HA	TMS 1	11.0	13.0
EMILIA PLATER	SPNW	7	AN	MER	VS	P VS	C	SS	HA	TMS 1	11.0	13.0
FLORIAN CEYNOWA	SPMF	1	AN	MER	VS	P VS	C	SS	HA	TMS 1	11.0	13.0
GDANSK	SPHA	2	AN	MER	VS	P VS	C	SS	HA	TMS 1	9.0	11.0
GENERAL SIKORSKI	SPMP	1	AN	MER	VS	P VS	C	SS	HA	TMS 1	11.0	13.0
GŁOGÓW	SPTC	2	AN	MER	VS	P VS	C	SS	HA	TMS 1	9.0	11.0
GORLICE	SPTL	2	AN	MER	VS	P VS	C	SS	HA	TMS 1	9.0	11.0
GRUOZIADZ	SPSU	2	AN	MER	VS	P VS	C	SS	HA	TMS 1	9.0	11.0
GRUNWALD	SPXQ	7	AN	MER	VS	P VS	C	SS	HA	TMS 1	12.0	14.0
GRYF POMCZSKI	SPUZ	9	AN	MER	VS	P VS	C	SS	HA	TMS 1	16.0	18.0
HANKA SAWICKA	SPSB	1	AN	MER	VS	P VS	C	SS	HA	TMS 1	11.0	13.0
HANOI	SPPM	1	AN	MER	VS	P VS	C	SS	HA	TMS 1	11.0	13.0
HENRYK JENDZA	SPVG	3	AN	MER	VS	P VS	C	SS	A	TMS 1	10.0	12.0
HEWELIUSZ	SPRN	4	AN	MER	VS	P VS	C	SS	HA	TMS 1	11.0	13.0
JAN MATEJKO	SPNH	1	AN	MER	VS	P VS	C	SS	HA	TMS 1	11.0	13.0
JANEK KRASICKI	SPPO	1	AN	MER	VS	P VS	C	SS	HA	TMS 1	11.0	13.0
JOZEF CONRAD	SPQT	1	AN	MER	VS	P VS	C	SS	A	TMS 1	11.0	13.0
JOZEF WYBICKI	SPXH	7	AN	MER	VS	P VS	C	SS	HA	TMS 1	11.0	13.0
K.I. GALCZYŃSKI	SPTY	4	AN	MER	VS	P VS	C	SS	HA	TMS 1	11.0	13.0
KAPITAŃ KOSKO	SPLS	1	AN	MER	VS	P VS	C	SS	HA	TMS 1	11.0	13.0
KOCHANOWSKI	SPQU	1	AN	MER	VS	P VS	C	SS	HA	TMS 1	11.0	13.0
KOPERNIK	SPBM	2	AN	MER	VS	P VS	C	SS	HA	TMS 1	9.0	11.0
KRYNICA	SPNI	4	AN	MER	VS	P VS	C	SS	HA	TMS 1		11.0

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KUJAWY	SPXW	9	AN	MER	VS	P VS	C	SS	HA	TMS 1	14.0	16.0
LECHISTAN II	SPVJ	2	AN	MER	VS	P VS	C	SS	HA	TMS 1	8.0	10.0
LEGNICA	SPNL	7	AN	MER	VS	P VS	C	SS	HA	TMS 1	9.0	11.0
LELEWEL	SPRU	1	AN	MER	VS	P VS	C	SS	HA	TMS 1	10.0	12.0
LENINGRAD	SPIW	7	AN	MER	VS	P VS	C	SS	HA	TMS 1	10.0	12.0
LENINO	SPTO	7	AN	MER	VS	P VS	C	SS	HA	TMS 1	10.0	12.0
LEWANT II	SPXK	2	AN	MER	VS	P VS	C	SS	HA	TMS 1	8.0	10.0
LUDWIK SOLSKI	SPPP	7	AN	MER	VS	P VS	C	SS	HA	TMS 1	11.0	13.0
MARCELI NOWOTKO	SPKB	1	AN	MER	VS	P VS	C	SS	HA	TMS 1	11.0	13.0
MIESKO I	SPVN	3	AN	MER	VS	P VS	C	SS	HA	TMS 1	12.0	14.0
MONTE CASSINO	SPNG	2	AN	MER	VS	P VS	C	SS	HA	TMS 1	9.0	11.0
NORWID	SPRC	3	AN	MER	VS	P VS	C	SS	HA	TMS 1	10.0	12.0
NOWA HUTA	SPCC	2	AN	MER	VS	P VS	C	SS	HA	TMS 1	9.0	11.0
OJCOW	SPOU	2	AN	MER	VS	P VS	C	SS	HA	TMS 1	8.0	10.0
OLESNICA	SPNK	7	AN	MER	VS	P VS	C	SS	HA	TMS 1	9.0	11.0
OLIWA	SPNZ	2	AN	MER	VS	P VS	C	SS	HA	TMS 1	9.0	11.0
OLKUSZ	SPPU	2	AN	MER	VS	P VS	C	SS	HA	TMS 1	9.0	11.0
ORLOWO	SPCT	2	AN	MER	VS	P VS	C	SS	HA	TMS 1	9.0	11.0
ORNETA	SPRD	2	AN	MER	VS	P VS	C	SS	HA	TMS 1	9.0	11.0
PAWEL SZWYDKOJ	SPUG	3	AN	MER	VS	P VS	C	SS	HA	TMS 1	10.0	12.0
PEKIN	SPPB	1	AN	MER	VS	P VS	C	SS	HA	TMS 1	11.0	13.0
PHENIAN	SPQN	1	AN	MER	VS	P VS	C	SS	HA	TMS 1	11.0	13.0
PIOTR DUNIN	SPVK	7	AN	MER	VS	P VS	C	SS	HA	TMS 1	10.0	12.0
PODHALE	SPXT	9	AN	MER	VS	P VS	C	SS	HA	TMS 1	14.0	16.0
POLANICA	SPNJ	4	AN	MER	VS	P VS	C	SS	HA	TMS 1	9.0	11.0
POMORZE	SPVR	9	AN	MER	VS	P VS	C	SS	HA	TMS 2	16.0	18.0
ROMER	SPTH	4	AN	MER	VS	P VS	C	SS	HA	TMS 1	11.0	13.0
SANDOMIERZ	SPVI	2	AN	MER	VS	P VS	C	SS	HA	TMS 1	9.0	11.0
SANOK	SPVC	2	AN	MER	VS	P VS	C	SS	HA	TMS 1	9.0	11.0
SIENKIEWICZ	SPOZ	3	AN	MER	VS	P VS	C	SS	HA	TMS 1	10.0	12.0
SLUPSK	SPUK	2	AN	MER	VS	P VS	C	SS	HA	TMS 1	9.0	11.0
SNIADECKI	SPSV	4	AN	MER	VS	P VS	C	SS	HA	TMS 1	11.0	13.0
SOPOT	SPOS	2	AN	MER	VS	P VS	C	SS	HA	TMS 1	9.0	11.0
STANISLAW DUBOIS	SPTK	7	AN	MER	VS	P VS	C	SS	HA	TMS 1	10.0	12.0

POLAND

STASZIC	SPSW	1	AN	MER	VS	P VS	C	SS	HA	TMS 1	11.0	13.0
STEFAN CZARNIECKI	SPXJ	7	AN	MER	VS	P VS	C	SS	HA	TMS 1	12.0	14.0
STEFAN OKRZEJA	SPLA	1	AN	MER	VS	P VS	C	SS	HA	TMS 1	11.0	13.0
TRAUGOTT	SPTX	7	AN	MER	VS	P VS	C	SS	HA	TMS 1	10.0	12.0
WESTERPLATTE	SPXI	7	AN	MER	VS	P VS	C	SS	HA	TMS 1	13.0	15.0
WYSPIANSKI	SPQV	3	AN	MER	VS	P VS	C	SS	HA	TMS 1	11.0	13.0
ZEROMSKI	SPPK	3	AN	MER	VS	P VS	C	SS	HA	TMS 1	10.0	12.0

Supplementary Ships

BIESZCZACY	SPYH	9	AN	MER	VS	P VS	C	SS	HA	TMS 1	14.0	16.0
BRODNICA	SPQM	7	AN	MER	VS	P VS	C	SS	HA	TMS 1	9.0	11.0
BYDGOSZCZ	SPQD	6	AN	MER	VS	P VS	C	SS	HA	TMS 1	9.0	11.0
ENERGETYK	SPUF	9	AN	MER	VS	P VS	C	SS	HA	TMS 1	15.0	17.0
FRANCESCO NULLO	SPTD	7	AN	MER	VS	P VS	C	SS	HA	TMS 1	10.0	12.0
GENERAL WALTER	SPEL	7	AN	MER	VS	P VS	C	SS	HA	TMS 1	10.0	12.0
GORNIK	SPUO	9	AN	MER	VS	P VS	C	SS	HA	TMS 1	15.0	17.0
GORNY SLASK	SPXC	9	AN	MER	VS	P VS	C	SS	HA	TMS 1	14.0	16.0
GUARDIA LUDOWA	SPYQ	7	AN	MER	VS	P VS	C	SS	HA	TMS 1	11.0	13.0
HUTNIK	SPST	9	AN	MER	VS	P VS	C	SS	HA	TMS 1	15.0	17.0
JAN ZIZKA	SPQL	7	AN	MER	VS	P VS	C	SS	HA	TMS 1	9.0	11.0
JASLO	SPXG	5	AN	MER	VS	P VS	C	SS	HA	TMS 1	8.0	10.0
KARPATY	SPOD	2	AN	MER	S		C	SS	HA	TMS 1	13.0	15.0
KONIN	SPYR	7	AN	MER	VS	P VS	C	SS	HA	TMS 1	13.0	15.0
KRAKOW	SPUD	6	AN	MER	VS	P VS	C	SS	HA	TMS 1	9.0	11.0
KRUSZWICA	SPRE	6	AN	MER	VS	P VS	C	SS	HA	TMS 1	9.0	11.0
LODZ	SPUB	6	AN	MER	VS	P VS	C	SS	HA	TMS 1	9.0	11.0
LUBLIN	SPUC	6	AN	MER	VS	P VS	C	SS	HA	TMS 1	9.0	11.0
METALOWIEC	SPUN	9	AN	MER	VS	P VS	C	SS	HA	TMS 1	15.0	17.0
RADOM	SPUY	6	AN	MER	VS	P VS	C	SS	HA	TMS 1	9.0	11.0
RZESZOW	SPVE	6	AN	MER	VS	P VS	C	SS	HA	TMS 1	9.0	11.0
SMOLNY	SPYC	7	AN	MER	VS	P VS	C	SS	HA	TMS 1	11.0	13.0
STOCZNIOWIEC	SPTP	9	AN	MER	VS	P VS	C	SS	HA	TMS 1	15.0	17.0
SWIDNICA	SPPL	6	AN	MER	VS	P VS	C	SS	HA	TMS 1	9.0	11.0

POLAND

SZCZAWNICA	SPRS	7	AN	MER	VS	P VS	C	SS	HA	TMS 1	9.0	11.0
TRANSPORTOWIEC	SPTQ	9	AN	MER	VS	P VS	C	SS	HA	TMS 1	15.0	17.0
WARYNSKI	SPEM	7	AN	MER	VS	P VS	C	SS	HA	TMS 1	9.0	11.0
WISLICA	SPRR	6	AN	MER	VS	P VS	C	SS	HA	TMS 1	9.0	11.0
WLADYSLAW BRONIEWSKI	SPTG	1	AN	MER	VS	P VS	C	SS	HA	TMS 1	11.0	13.0
WLOKNIARZ	SPVB	9	AN	MER	VS	P VS	C	SS	HA	TMS 1	15.0	17.0
ZAGLEBIE DABROWSKIE	SPXB	9	AN	MER	VS	P VS	C	SS	HA	TMS 1	16.0	18.0
ZAKOPANE	SPYD	4	AN	MER	VS	P VS	C	SS	HA	TMS 1	10.0	12.0
ZAMOSO	SFYV	4	AN	MER	VS	P VS	C	SS	HA	TMS 1	10.0	12.0
ZIEMA ODANSKA	SPVA	9	AN	MER	S	P S	C	SS	HA	TMS 1	16.0	18.0
ZIEMA LUBUSKA	SPUH	9	AN	MER	VS	P VS	C	SS	HA	TMS 1	16.0	18.0
ZIEMA MAZOWIECKA	SPUV	9	AN	MER	VS	P VS	C	SS	HA	TMS 1	16.0	18.0
ZIEMA SZCZECINSKA	SPUI	9	AN	MER	S	P S	C	SS	HA	TMS 1	16.0	18.0
ZIEMA WIELKCPOLSKA	SPUT	9	AN	MER	VS	P VS	C	SS	HA	TMS 1	16.0	18.0
ZIEMIA BYDGCSKA	SPUU	9	AN	MER	VS	P VS	C	SS	HA	TMS 1	16.0	18.0

Auxiliary Ships

ANDRZEJ BOROWY	SPSI	8	AN	MER	VS	P VS	C	SS	HA	TM 1	4.0	6.0
BIALYSTOK	SPFI	9	AN	MER	VS	P VS	C	SS	HA	TMS 1	9.0	11.0
BOLESŁAW BIERLT	SPKY	1	AN	MER	VS	P VS	C	SS	HA	TMS 1	11.0	13.0
BRYGADA MAKOWSKIEGO	SPCN	9	AN	MER	VS	P VS	C	SS	HA	TM 1	5.0	7.0
DAR POMORZA	SPCB	9	AN	MER	VS	P VS	C	SS	HA	TMS 1	2.0	4.0
DEBLIN	SPQS	5	AN	MER	VS	P VS	C	SS	HA	TMS 1	5.0	7.0
DJAKARTA	SPQE	1	AN	MER	VS	P VS	C	SS	HA	TMS 1	11.0	13.0
ELBLAG	SPBZ	5	AN	MER	VS	P VS	C	SS	HA	TMS 1	7.0	9.0
GENERAL BEM	SPBT	7	AN	MER	VS	P VS	C	SS	HA	TMS 1	10.0	12.0
HUGO KOLLATAJ	SPEQ	3	AN	MER	VS	P VS	C	SS	HA	TMS 1	10.0	12.0
HUTA FLORIAN	SPCW	9	AN	MER	S	S	C	SS	HA	TMS 1	10.0	12.0
JAROSŁAW DABROWSKI	SPBP	5	AN	MER	VS	P VS	C	SS	HA	TMS 1	9.0	11.0
JEDNOSC ROBOINICZA	SPCK	8	AN	MER	VS	P VS	C	SS	HA	TM 1	5.0	7.0
KAPITAN KANSKI	SPSO	8	AN	MER	VS	P VS	C	SS	HA	TM 1	4.0	6.0
KAPITAN ZIOLKOWSKI	SPSS	8	AN	MER	VS	P VS	C	SS	HA	TM 1	4.0	6.0
KIELCE	SPBJ	8	AN	MER	VS	P VS	C	SS	HA	TM 1	5.0	7.0

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POLAND

KOLNO	SPFB	8	AN	MER	VS	P VS	C	SS	HA	TM	1	5.0	7.0
KOLOBRZEG II	SPUA	8	AN	MER	VS	P VS	C	SS	HA	TM	1	8.0	10.0
KOSZALIN	SPQF	5	AN	MER	VS	P VS	C	SS	HA	TMS	1	5.0	7.0
MARYNARZ MIGALA	SPSQ	8	AN	MER	VS	P VS	C	SS	HA	TM	1	4.0	6.0
MAZURY	SPAL	5	AN	MER	S	P S	C	SS	HA	TM	1	6.0	8.0
MICKIEWICZ	SPEG	1	AN	MER	VS	P VS	C	SS	HA	TMS	1	10.0	12.0
MODLIN	SPRA	5	AN	MER	VS	P VS	C	SS	HA	TMS	1	5.0	7.0
NARWIK	SPFF	9	AN	MER	S	S	C	SS	HA	TMS	1	9.0	11.0
OSWIECIM	SPUM	9	AN	MER	VS	P VS	C	SS		TMS	1	8.0	10.0
PIAST	SPES	9	AN	MER	VS	P VS	C	SS	HA	TMS	1	8.0	10.0
PSTROWSKI	SPCL	8	AN	MER	VS	P VS	C	SS	HA	TM	1	5.0	7.0
RYBNIK	SPUL	8	AN	MER	VS	P VS	C	SS	A	TMS	1	8.0	10.0
SOLDEK	SPCJ	8	AN	MER	S		C	SS	HA	TM	1	5.0	7.0
SZCZECIN	SPHE	8	AN	MER	VS	P VS	C	SS	HA	TMS	1	6.0	8.0
USTKA	SPKT	8	AN	MER	VS	P VS	C	SS	HA	TM	1	4.0	6.0
WARMIA	SPAK	5	AN	MER	VS	P VS	C	SS	HA	TM	1	6.0	8.0
WIECZCREK	SPEW	8	AN	MER	VS	P VS	C	SS	HA	TM	1	6.0	8.0
WOLIN	SPPD	5	AN	MER	VS	P VS	C	SS	HA	TMS	1	5.0	7.0
ZIELONA GORA	SPRT	9	AN	MER	S		C	SS	HA	TM	1	6.0	8.0

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PORTUGAL

- 1 CENTRAL AMERICAN PORTS
- 2 DIFFERENT PORTS
- 3 EAST AFRICAN PORTS
- 4 FAR EASTERN PORTS
- 5 MADEIRA AND AZORES ISLANDS
- 6 NEWFOUNDLAND
- 7 NORTH AMERICAN PORTS
- 8 NORTHERN EUROPEAN PORTS
- 9 RAS TANURA VIA MEDITERRANEAN AND SUEZ
- 10 SOUTH AMERICAN PORTS
- 11 WEST AFRICAN PORTS
- 12 WEST AND EAST AFRICAN PORTS
- 13 WESTERN EUROPEAN PORTS

PORTUGAL

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Selected Ships

Ship Name	Code	Count	AN	MER	S	P	S	C	SS	MAX	MIN	MS	1	
ACORES	CSBA	7	AN	MER	S	P	S	C	SS	MAX	MIN	MS	1	
ALCOBACA	CSEQ	2	AN	MER	S	P	S	C	SS			MS	1	
ALCOUTIM	CSGY	1,8	AN	MER	S	P	S	C	SS			MS	1	
ALENQLER	CSFW	2	AN	MER	S	P	S	C	SS			MS	1	
ALFREDO DA SILVA	CSAK	11	AN	MER	S		S	C	SS			MS	2	
ALMEIRIM	CSGU	8,11	AN	MER	S		S	C	SS			MS	1	
AMBOIM	CSBY	11	AN	MER	S	P	S	C	SS			MS	1	
AMBRIZETE	CSIE	8,11	AN	MER	S	P	S	C	SS			MS	1	
ANA MAFALDA	CSLY	5,11	AN			P		C	SS			MS	1	
ANGOLA	CSCR	12	AN			P		C	SS	MAX	MIN	MS	1	
ARRAIOSLOS	CSIS	2	AN	MER	S	P	S	C	SS			MS	1	
BAILUNDO	CSAZ	12	AN	MER	VS	P	VS	C	SS	MAX	MIN	TMS	1	
BEIRA	CSAC	12	AN	MER	VS	P	VS	C	SS	MAX	MIN	ST	TMS	1
BELAS	CSJB	11	AN	MER	S	P	S	C	SS			MS	1	
BENGUELA	CSJR	12	AN	MER	S	P	S	C	SS			MS	1	
BORBA	CSIY	2	AN	MER	S	P	S	C	SS			MS	1	
BRAGA	GSIN	1,8	AN	MER	S	P	S	C	SS			MS	1	
BRAGANCA	CSIV	2	AN	MER	S	P	S	C	SS			MS	1	
CABINDA	CSCA	12	AN	MER	VS	P	VS	C	SS	MAX	MIN	TMS	1	
CARVALHO ARAUJO	CSBU	5	AN	MER	VS	P	VS	C	SS	ST		MS	2	
CERCAL	CSMF	1,9	AN			P		C	SS	ST		MS	1	
CUNENE	CSCC	12	AN	MER	VS	P	VS	C	SS	MAX	MIN	TMS	1	
DONDO	CSAX	9	AN	MER		P		C	SS	ST	A	MS	1	
ERATI	CSBC	1,9	AN	MER	S	P	S	C	SS	MAX	MIN	ST	MS	1

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3

PORTUGAL

FAIAL	CSLH	5	AN	MER	VS	P VS	C	SS	MAX MIN	TMS	1
FOGO	CSBD	1,9	AN	MER	S	P S	C	SS	MAX MIN ST	TMS	3
GANDA	CSEC	12	AN	MER	S	P S	C	SS		MS	1
GERES	CSBK	9	AN	MER	VS	P VS	C	SS	MAX MIN ST A	TMS	1
GIL EANES	CSAU	6	AN	MER	S	P S	C	SS	AG	MS	1
HERMINICS	CSBH	1,9	AN	MER	S	P S	C	SS	MAX MIN ST	TMS	1
HORTA	CSLO	7	AN	MER	S	P S	C	SS		MS	1
IMPERIO	CSJE	12	AN	MER	VS	P VS	C	SS	ST	MS	3
INAGO	CSAG	1,9	AN	MER	VS	P VS	C	SS	MAX MIN ST A	TMS	1
INDIA	CSKK	4	AN			P	C	SS		MS	3
INFANTE D.HENRIQUE	CSBI	12	AN	MER	VS	P VS	C	SS	MAX MIN S	TMS	3
LAGOA	CSAR	5,8	AN	MER	S	S	C	SS		MS	1
LAROUCO	CSAI	1,9	AN	MER	VS	H VS	C	SS	MAX	TMS	1
LEIXCES	CSAV	12	AN	MER	VS	P VS	C	SS	MAX MIN	TMS	1
LOBITO	CSBB	12	AN	MER	S	P S	C	SS	MAX MIN ST	TMS	1
LUANDA	CSJF	12	AN	MER		P	C	SS		MS	1
LUGELA	CSKB	8,11	AN	MER	S	P S	C	SS	ST	MS	1
MANUEL ALFREDO	CSBF	8,11	AN	MER	S	P S	C	SS	MAX MIN	MS	1
MCCAMBIQUE	CSEI	12	AN			P S	C	SS	MAX MIN	MS	3
MCCAMEDES	CSAP	12	AN			P S	C	SS	MAX MIN	MS	2
MONONIQUE	CSME	2	AN	MER	S	P S	C	SS	MAX MIN ST	MS	1

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PORTUGAL

MONTE BRAZIL	CSLP	7,8	AN	MER	S		C	SS		MS	1
NACALA	CSBW	12	AN	MER	VS	P VS	C	SS	MAX MIN	TMS	1
NIASSA	CSAW	11	AN	MER	S	P S	C	SS	ST	MS	3
PATRIA	CSLX	12	AN	MER			C	SS	ST	MS	3
PONTA GARCA	CSBJ	5,8	AN	MER	S	P S	C	SS	MAX MIN ST	TMS	1
PORTO	CSBR	12	AN	MER	VS	P VS	C	SS	MAX MIN A	TMS	1
PRINCIPE PERFEITO	CSBL	12	AN	MER	VS	P VS	C	SS	MAX MIN ST	TMS	3
QUELIMANE	CSAT	12	AN	MER	VS	P VS	C	SS	MAX MIN	TMS	1
RIBEIRA GRANDE	CSLQ	7	AN	MER	S	P S	C	SS		MS	1
RITA MARIA	CSLZ	11	AN	MER	S	P S	C	SS	MAX MIN	MS	2
ROVUMA	CSAY	4	AN			P S	C	SS	MAX MIN	MS	1
S. THOME	CSAE	12	AN			P S	C	SS	MAX MIN	MS	2
SANTA MARIA	CSAL	10	MER	MER	S	P S	C	SS	MAX MIN	MS	3
SAO MAMECE	CSMI	1.9	MER			P S	C	SS	ST	MS	1
SETE CIDADES	CSAM	5,8	AN			P S	C	SS		MS	1
TIMOR	CSKN	4	AN			P S	C	SS	MAX MIN	MS	3
UIGE	CSAN	11	MER			P S	C	SS	MAX MIN	MS	3
VERA CRUZ	CSAJ	10	AN			P S	C	SS	ST	MS	3

Supplementary Ships

AFRICA OCIDENTAL	CSAB	2	AN	MER	S		C	SS		MS	1
ALEXANDRE SILVA	CSFC	2	AN	MER	S		C	SS		MS	1
ANTONIO CARLOS	CSJO	8,11	AN	MER	S		C	SS	MAX MIN	MS	1
CARTAXO	CSLS	8	AN	MER	S		C	SS		MS	1

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PORTUGAL

COLARES	CSLV	8	AN	MER	S	C	SS	MS	1
CORUCHE	CSLT	8,13	AN	MER	S	C	SS	MS	1
COVILHA	CSLW	2	AN	MER	S	C	SS	M	1

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SINGAPORE

1

- 1 SINGAPORE - NO FIXED ROUTE
- 2 SINGAPORE - PENANG - CHITTAGONG - CALCUTTA
- 3 SINGAPORE - KARACHI - PERSIAN GULF
- 4 SINGAPORE - AUSTRALIA
- 5 SINGAPORE - HONG KONG - CHINA
- 6 SINGAPORE - SABAH - SARAWAK
- 7 SINGAPORE - SABAH
- 8 SINGAPORE - FAR EAST - EUROPE

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SINGAPORE

2

01.01.1970

Selected Ships

KUNAK	9VHC		MER	MER	S	P S	BU	OS	A, RG	MS	2		
BIDOR	9WJE	7	MER	MER	S	P S	BU	OS	A	M	1	10.0	15.0
CABLE ENTERPRISE	GNCH	1	MER	MER	S	P S	BU	OS	A	MS	1	10.0	15.0
GOLDEN CITY	9VKQ	2	AN	MER	S	P S	BU			MS	1	14.0	
GOLDEN HARBOUR	9VMN	3	AN	MER	S	P S	BU	SS		MS	1	15.0	
GOLDEN LION	9VKP	3	AN	MER	S	P S	BU			MS	1	14.0	
GOLDEN SPRING	9VKB	3	MER	MER	S	P S	BU	OS	A	MS	1	14.0	19.0
GOLDEN SUMMER	9VNC	4	MER	MER	S	P S	BU	SS		MS	1	15.0	
GOLDEN WONDER	9VJV	4	MER	MER	S	P S	BU	OS	A	MS	1	14.0	19.0
KATONG	9VKN	7	MER	MER	S	P S	BU	OS	A	M	1	10.0	15.0
KENINGAU	9VHC	6	AN	MER	S	P S	BU	OS	A	MS	1	16.0	21.0
KIM BAY	ZCUP	5	AN	MER	S	P S	BU	OS	A	MS	1	12.0	17.0
KIM HOOK	9VLS	5	MER	MER	S	P S	BU	OS	A	MS	1	12.0	17.0
KIMANIS	9VKM	6	MER	MER	S	P S	BU	OS	A	MS	2	15.0	20.0
NEPTUNE AMETHYST	9VCU	8	AN	MER	S	P S	BU	OS		MS	1	18.0	
NEPTUNE AQUAMARINE	9VNY	8	AN	MER	S	P S	BU	OS		MS	1	18.0	
NEPTUNE TOPAZ	9VCA	8	AN	MER	S	P S	BU	OS		MS	1	19.0	
NEPTUNE ZIRCON	9VCL	8	AN	MER	S	P S	BU	OS	A	MS	1	21.0	26.0

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1

SOUTH AFRICA

- 1 SOUTH AFRICA - UNITED STATES - EUROPE
- 2 SOUTH AFRICA - TRISTAN DA CUNHA
- 3 MAINLY COASTAL
- 4 SOUTH AFRICA - GOUGH AND MARION ISLANDS - ANTARCTICA
- 5 SOUTH AFRICA - FAR EAST
- 6 SOUTH AFRICA - MEDITERRANEAN

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SOUTH AFRICA

2

01.01.1970

Selected Ships

AFRICANA II	ZSVK	3	MER	MER	S	P S	BU	SS	A	T
JOHAN HUGO	ZSUW	3	AN	MER	W	P W	C	SS		TMS 1
JOLANDA	ZSLQ	3	AN	MER	W	P W	C			T
MEIRING NAUDE	ZSAE	3	AN	ELE	VS	P S	ELE			T
R.S.A.	ZSLF	2, 4	MER	MER	S	P S	C	OS		TMS 1
S.A. ALPHEN	ZSYW	5	AN	MER	S	P S	C	SS		TMS 1
S.A. CRAKENSTEIN	ZSIN	1	MER	MER	W	P W	C	SS		TMS 1
S.A. HEX RIVIER	ZSAC	1	AN	MER	W	P W	BU	SS		TMS 1
S.A. HUGUENOT	ZSWS	1	AN	MER	W	P W	C	SS		TMS 1
S.A. LANGKLOOF	ZSHI	1	MER	MER	W	P W	C	SS		TMS 1
S.A. LETABA	ZSIJ	1	MER	MER	W	P W	C	OS		TMS 1
S.A. MERCHANT	ZTFT	1	MER	MER	W	P W	C	SS		TMS 1
S.A. MORGENSTER	ZSSP	1	AN	MER	W	P W	C	SS		TMS 1
S.A. NEDERBURG	ZTCN	1	AN	MER	W	P W	C	SS		TMS 1
S.A. ORANGE	ZSNF	1	MER	MER	W	P W	C	SS		TMS 4
S.A. PIONEER	ZTMZ	1	MER	MER	S	P S	C	OS		TMS 1
S.A. SHIPPER	ZTXU	1	MER	MER	W	P W	C	SS		TMS 1
S.A. STATESMAN	ZTXW	1	MER	MER	W	P W	C	SS		TMS 1
S.A. TRADER	ZTMX	1	MER	MER	W	P W	C	OS		TMS 1
S.A. TRANSPORTER	ZSFT	1	AN	MER	W	P W	C	OS		TMS 1
S.A. TZANEEN	ZSBN	1	MER	MER	W	P W	C	SS		TMS 1
S.A. VAAL	ZSNT	1	MER	MER	W	P W	C	SS		TMS 4
S.A. VAN DER STEL	ZSWR	1	MER	MER	S	P S	C	SS		TMS 1
S.A. VERGELEGEN	ZSZV	1	AN	MER	W	P W	C	SS		TMS U
S.A. WELTEVREDEN	ZSYT	1	MER	MER	W	P W	C	SS		TMS 1
S.A. ZEBEDIELA	ZTXX	1	AN	MER	W	P W	C	SS		TMS 1
S.A.CONSTANTIA	ZSGG	1	AN	MER	W	P W	C	SS		TMS 1
SARDINOPS	ZSMG	3	MER	MER	W	P W	BU	SS		T
STELLENBOSCH	ZTDD	1	AN	MER	W	P W	C	SS		TMS 1
WILLEM BARENDSE	ZSVL	3	MER	MER	S	P S	BU	SS	A	TMS 1

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SOUTH AFRICA

Auxiliary Ships

GEMSBOK

ZSCR

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1

SPAIN

- 1 NORTHERN EUROPE - NORTHERN SPAIN - NEAR EAST
- 2 ENGLAND - NORTHERN SPAIN - VENEZUELA
- 3 MEDITERRANEAN - SOUTH AMERICA
- 4 CANARY ISLANDS
- 5 MELILLA - MALAGA
- 6 GUINEA
- 7 NORTHERN SPAIN - CADIZ - NEW YORK - MEXICO
- 8 SOUTH ATLANTIC
- 9 SPAIN - GULF OF MEXICO
- 10 EASTERN MEDITERRANEAN - CARIBBEAN - WESTERN UNITED STATES OF AMERICA
- 11 CANARY ISLANDS - ENGLAND
- 12 SOUTH AMERICA
- 13 PERSIAN GULF - UNITED STATES OF AMERICA - CARIBBEAN - CANARY ISLANDS
- 14 MEDITERRANEAN PORTS - ANTILLES

SPAIN

01.01.1966

Selected Ships

ALONSO DE OJEDA	EARW	1	AN	MER	SL	P	SL	BU	SS		TMS	3
BEGONA	EDAA	2	AN	MER	SL	P	SL	BU	SS	HA	MS	3
CABO SAN ROQUE	EDAC	3	AN	MER	SL	P	SL	BU	SS		TMS	3
CABO SAN VICENTE	EBVA	3	AN	MER	SL	P	SL	BU	SS		TMS	3
CABO SANTA MARIA		3	MER	MER	SL	P	SL	BU	SS		TMS	1
CABO SANTA MARIA		3	AN	MER	SL	P	SL	BU	SS	HA	TMS	1
CIUDAD DE ALCIRA	EARJ	4	AN	MER	SL	P	SL	BU	SS		M	1
CIUDAD DE ALICANTE	EARI	5	AN	MER	SL	P	SL	BU	SS		M	1
CIUDAD DE OVIEDO	EARS	6	AN	MER	SL	P	SL		SS	HA	TMS	2
CIUDAD DE SALAMANCA	EARM	4	AN	MER	SL	P	SL	BU	SS		M	1
CIUDAD DE SEVILLA	EACT	4	MER	MER	SL	P	SL	BU	SS		MS	2
CIUDAD DE TOLEDO	EAWG	6	MER	MER	SL	P	SL	BU	SS	HA	TMS	2
CIUDAD DE VALENCIA	EARH	5	AN	MER	SL	P	SL	BU	SS		M	1
CIUDADA DE CADIZ	EAGD	4	AN	MER	SL	P	SL			HA	TMS	2
COVACONGA	ECAB	7	MER	MER	SL	P	SL	BU	SS	HA	MS	3
ERNESTO ANASTASTIO	EAVJ	4	MER	MER	SL	P	SL	BU	SS	HA	TMS	2
GALICIA	EECX	8	AN	MER	SL	P	SL	BU	SS		TMS	1
GUADALUPE	EADM	7	MER	MER	SL	P	SL	BU	SS	HA	MS	3
MAR ADRIATICO	EAYX	9	MER	MER	SL	P	SL	BU	SS		MS	1
MAR EGEO	EAIS	9	MER	MER	SL	P	SL	BU	SS		TMS	1
MAR NEGRO	EAKV	9	AN	MER	SL	P	SL	BU	SS		MS	1
MAR TI~RENO	EAZG	9	MER	MER	SL	P	SL		SS	HA	TMS	1
MARIA LUISA VELASCO	EAJZ	10	AN	MER	SL	P	SL	BU	SS		TMS	1
MONTE ANAGA	EBVE	11	AN	MER	SL	P	SL	BU	SS		TMS	1
MONTE AR~CAS	EAXO	11	AN	MER	SL	P	SL	BU	SS		TMS	1
MONTE UDALA	EABM	12	AN	MER	SL	P	SL	BU	SS		MS	2
MONTE ULIA	EAGJ	11	AN	MER	SL	P	SL		SS		TMS	2
MONTE UMBE	EBVJ	12	MER	MER	SL	P	SL		SS		TMS	2
MONTSERRAT	EDAB	2	MER	MER	SL	P	SL	BU	SS		MS	3
PEDRO DE ALVARADO	EBXC	1	AN	MER	SL	P	SL	BU	SS		TMS	1
SAN MARCIAL	EDGA	13	AN	MER	SL	P	SL	BU	SS	HA	TMS	1

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SPAIN

SATRUSTEGUI	EHUV	14	AN	MER	SL	P	SL	BU	SS	HA	TMS	3
TALavera	EDAF	13	AN	MER	SL	P	SL	BU	SS	HA	TMS	1
VILLA DE MADRID	EARQ	4	AN	MER	SL	P	SL		SS	HA	TMS	2
VIRGINIA DE CHURRUCA	EHDE	14	AN	MER	SL	P	SL	BU	SS	HA	MS	3

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1

SWEDEN

- 1 GOTHENBURG - NEW YORK
- 2 SCANDINAVIA - UNITED KINGDOM - EUROPEAN CONTINENT - EASTCOAST OF U.S.A.
- 3 VARIOUS
- 4 SCANDINAVIA - SOUTH AFRICA
- 5 SCANDINAVIA - AUSTRALIA
- 6 GOTHENBURG - UNITED KINGDOM - HOLLAND
- 7 EUROPE - U.S.A. WESTCOAST

SWEDEN

01.01.1970

Selected Ships

ADAK	SKCT	2	AN	MER	A	P	A	C		TMS	1	18.0
ANARIS	SIVR	2	AN	MER	A	P	A	C		TMS	1	18.0
ARVIDSJAUR	SLCA	2	AN	MER	A	P	A	C		TMS	1	18.0
AURIVAARA	SMFU	2	AN	MER	A	P	A	C		TMS	1	18.0
AVAFORS	SKDT	2	AN	MER	A	P	A	C		TMS	1	18.0
BAHIA BLANCA	SIJX	7	AN	MER	A	P	A	C		TMS	1	15.0
BOLIVIA	SKGA	7	AN	MER	A	P	A	C		TMS	1	15.0
BRASILIA	SLZO	7	AN	MER	A	P	A	C		TMS	1	15.0
BUENOS AIRES	SLGA	7	AN	MER	A	P	A	C		TMS	1	13.0
CIRRUS	SERA	5	AN	MER	A	P	A	C		TMS	1	13.0
CUMULUS	SGBA	5	AN	MER	A	P	A	C		TMS	1	13.0
ELGAREN	SLIA	4	AN	MER	A	P	A	C		TMS	1	13.0
GRIPSHOLM	SLQT	1,3	AN	MER	A	P	A	C	SS	TMS	4	24.0
HALLAREN	SLVN	4	AN	MER	A	P	A	C		TMS	1	13.0
KUNGSHOLM	SGCN	1,3	AN	MER	A	P	A	C	SS	TMS	4	24.0
LAIDAURE	SEJU	3	AN	MER	A	P	A	C		TMS	1	20.0
LAPONIA	SICE	2	AN	MER	A	P	A	C		TMS	1	20.0
LUCSSA	SIDG	2	AN	MER	A	P	A	C		TMS	1	16.0
MATARENGI	SFLA	3	AN	MER	A	P	A	C		TMS	1	16.0
MERTAINEN	SFEN	2	AN	MER	A	P	A	C		TMS	1	16.0
MIRRABOOKA	SFIE	5	AN	MER	A	P	A	C		TMS	1	15.0
MONTEVIDEO	SDGF	7	AN	MER	A	P	A	C		TMS	1	15.0
NIKKALA	SDCN	3	AN	MER	A	P	A	C		TMS	1	22.0
NUOLJA	SDJT	2	AN	MER	A	P	A	C		TMS	1	22.0
PAJALA	SMLA	3	AN	MER	A	P	A	C		TMS	1	28.0
RIO DE JANEIRO	SFHA	7	AN	MER	A	P	A	C		TMS	1	15.0
ROSARIO	SEPT	7	AN	MER	A	P	A	C		TMS	1	15.0
SANTOS	SKBN	7	AN	MER	A	P	A	C		TMS	1	15.0
SEATTLE	SDPN	7	AN	MER	A	P	A	C		TMS	1	15.0
STRATUS	SHKN	5	AN	MER	A	P	A	C		TMS	1	13.0
SUNNAREN	SMVT	4	AN	MER	A	P	A	C		TMS	1	13.0

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3

SWEDEN

TALARAH	SLMT	5	AN	MER	A	P	A	C	TMS	1	15.0
TARFALA	SJXN	3	AN	MER	A	P	A	C	TMS	1	16.0
TOR ANGLIA	SFGN	6	AN	MER	A	P	A	C	TMS	3	18.0
TORNE	SHJT	3	AN	MER	A	P	A	C	TMS	1	16.0
VASARA	SDBN	3	AN	MER	A	P	A	C	TMS	1	16.0
VASSIJAURE	SDPA	3	AN	MER	A	P	A	C	TMS	1	16.0
VINGAREN	SKET	4	AN	MER	A	P	A	C	TMS	1	13.0
VISTASVAGGE	SDYN	3	AN	MER	A	P	A	C	TMS	1	16.0

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SWITZERLAND

1

- 1 ROUTES UNIVERSELLES, NON PRECISEES
- 2 EUROPE - CHINE
- 3 EUROPE - GOLFE E.U. - GRANDS LACS

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SWITZERLAND

01.01.1969

Auxiliary Ships

AMELIA	HBFM	1
BASILEA	HBFK	2
BREGAGLIA	HBDV	1
CARIBIA	HBLA	3
CASSARATE	HBDT	3
CASTAGNOLA	HBDZ	1
CASTASEGNA	HBDP	1
CELERINA	HBDB	1
CORVIGLIA	HBDF	1
GENERAL GUISAN	HBFO	1
LAVAUX	HBDD	1
REGINA	HBDR	1
ROMANDIE	HBDU	1
ST. CERGUE	HBFF	1

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1

UNION OF SOVIET SOCIALIST REPUBLICS

- 1 PACIFIC OCEAN
- 2 INDIAN OCEAN
- 3 ATLANTIC OCEAN
- 4 NORTH ATLANTIC
- 5 GREENLAND SEA
- 6 NORWEGIAN SEA
- 7 BARENTS SEA
- 8 WHITE SEA
- 9 ARCTIC OCEAN
- 10 NORTH SEA
- 11 BALTIC SEA
- 12 MEDITERRANEAN SEA
- 13 BLACK SEA AND SEA OF AZOV
- 14 BERING SEA
- 15 SEA OF JAPAN
- 16 SEA OF OKHOTSK
- 17 EAST-CHINA SEA
- 18 SHIPS FLYING IN UNSPECIFIED AREAS

UNION OF SOVIET SOCIALIST REPUBLICS

01.01.1970

Selected Ships

A. KOSAREV	UNEF	1,15,16	AN	MER	S		BU	SS		S	4	22.0
A.I. VOEIKOV	UAAX	18	AN	MER	S	P S	BU	SS	PR*	IS	3	26.0
ABAGURLES	URUL	18	AN	MER	S		BU	SS		S	2	14.0
ABAKANLES	UQHM	18	AN	MER	S		BU	SS		S	2	14.0
ADAM MITSKEVICH	UOSC	4	AN	MER	S		BU	SS		S	1	13.0
ADIMILES	UQXL	18	AN	MER	S		BU	SS		S	2	13.0
ADJIMA	UQKQ	14,15,16	AN	MER	S		BU	SS		S	1	6.0
ADLER	UERZ	18	AN	MER	S	P S	BU	SS		S	2	17.0
ADMIRAL SARYCHEV	UBIM	14,15,16,17	AN	MER	S		BU	SS		S	1	11.0
ADMIRAL USHAKOV	UKTB	18	AN	MER	S		BU	SS		S	2	17.0
AFANASY NIKITIN	USSD	18	AN	MER	S		BU	SS		S	2	12.0
AISBERG	UMXI	4	AN	MER	S	P S	BU	SS		S	1	7.0
AKADEMIK BERG	UQAE	1,14,16	AN	MER	S		BU	SS		S	2	12.0
AKADEMIK FILATOV	UPVZ	18	AN	MER	S		BU	SS		S	2	18.0
AKADEMIK KNIFOVICH	USPO	18	AN	MER	S		BU	SS		S	2	22.0
AKADEMIK KNIPOVICH	UEHX	5-7	AN	MER	S	P S	BU	SS		S	1	7.0
AKADEMIK KOROLEV	UHQS	18	AN	MER	S		BU	SS	PR*	S	3	24.0
AKADEMIK KRYLOV	UKAO	18	AN	MER	S		BU	SS		S	2	16.0
AKADEMIK PAVLOV	URBP	10-12	AN	MER	S		BU	SS		S	2	12.0
AKADEMIK SHIMENSKY	UYBV	18	AN	MER	S		BU	SS		S	2	15.0
AKADEMIK SHIRSHOV	UMAY	18	AN	MER	S		BU	SS		S	4	26.0
AKADEMIR JURIEV	UPWV	18	AN	MER	S		BU	SS		S	2	18.0
AKSAY	UQPY	18	AN	MER	S		BU	SS		S	2	10.0
AKTYUBINSK	UUEB	3	AN	MER	S		BU	SS		S	2	14.0
AL'BATROS	USUO	3,6,10,11	AN	MER	S		BU	SS	*	S	2	16.0
AL'BATROS	UEGB	18	AN	MER	S		BU	SS		S	2	10.0
ALAGIR	UQRY	18	AN	MER	S		BU	SS		S	2	10.0

* RADIOWIND / RADIOSONDE OBSERVATIONS
ED.1970

UNION OF SOVIET SOCIALIST REPUBLICS

ALAPAEVSK	URIL	18	AN	MER	S		BU	SS	S	2	13.0	
ALAPAEVSKLES	UYCE	18	AN	MER	S		BU	SS	S	2	12.0	
ALATYRLES	UYST	18	AN	MER	S		BU	SS	S	2	12.0	
ALAZANI	ULDR	12,13	AN	MER	S		BU	SS	S	1	7.0	
ALCHEVSK	URCU	15	AN	MER	S		BU	SS	S	1	12.0	
ALDAN	UEFP	16	AN	MER	S		BU	SS	S	1	7.0	
ALDANLES	UQHK	14,15,16	17	AN	MER	S		BU	SS	S	2	13.0
ALEKSANDR BARANOV	UBIN	14,15,16		AN	MER	S		BU	SS	S	1	11.0
ALEKSANDR GERTSEN	UTNC	18	AN	MER	S		BU	SS	S	2	15.0	
ALEKSANDR IVANOV	UMVN	3	AN	MER	S		BU	SS	S	2	15.0	
ALEKSANDR MCZHAISKY	UQYV	1,15,16		AN	MER	S		BU	SS	S	4	15.0
ALEKSANDR NEVSKY	UUMH	18	AN	MER	S		BU	SS	S	2	14.0	
ALEKSANDR OBUKHOV	UVZI	18	AN	MER	S		BU	SS	S	2	22.0	
ALEKSANDR POPOV	UTYI	4	AN	MER	S		BU	SS	S	2	12.0	
ALEKSANDR SERAFIMOVICH	UNBI	18	AN	MER			BU	SS	S	2	19.0	
ALEKSANDR SUVOROV	UUMF	13	AN	MER	S		BU	SS	S	2	17.0	
ALEKSANDR TEREKHIN	UBIL	18	AN	MER	S		BU	SS	S	2	11.0	
ALEKSANDR VENETSIA NOV	UJIO	3	AN	MER	S		BU	SS	S	3	15.0	
ALEKSANDROVSK	UVZU	18	AN	MER	S		BU	SS	S	2	17.0	
ALEKSEEVSK	ULCY	18	AN	MER	S		BU	SS	S	2	14.0	
ALEKSEI KHLOBYSTOV	USEO	3	AN	MER	S	P S	BU	SS	S	3	20.0	
ALEKSEI POZDNYAKOV	USGY	18	AN	MER	S		BU	SS	S	4	25.0	
ALEKSEI TOLSTOI	UZBC	18	AN	MER	S		BU	SS	S	2	15.0	
ALESKSEI MAKHALIN	UYEC	1,14	AN	MER	S	P S	BU	SS	S	2		
ALITUS	URHH	3	AN	MER			BU	SS	S	1	10.0	
ALMA ATA	UUZP	19	AN	MER	S		BU	SS	S	1	14.0	
ALMAK	UWGB	3	AN	MER	S		BU	SS	S	2	12.0	
ALMETEVSK	UKKB	18	AN	MER	S		BU	SS	S	2	13.0	
ALSU	ENVU	3	AN	MER	S		BU	SS	S	2	12.0	
ALTAILES	UEAW	4,15,16		AN	MER	S		BU	SS	S	1	12.0
ALTAIR	UMCK	18	AN	MER	S		BU	SS	S	2	14.0	
ALTAISKIE GORY	UFJW	1,14-16		AN	MER	S		BU	SS	S	2	19.0
ALUSHTA	UILG	3	AN	MER	S		BU	SS	S	2	12.0	

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AMDERMA	UWYI	1,14,16	AN	MER	S	BU	SS	S	1	9.0
AMGUEMA	UVDV	15,17	AN	MER	S	BU	SS	S	3	18.0
AMUR	UFVX	14,15,16 17	AN	MER	S	BU	SS	S	1	7.0
AMURSK	UMQB	18	AN	MER	S	BU	SS	S	2	13.0
AMURSKLES	USIC	18	AN	MER	S	BU	SS	S	2	13.0
ANADYRLES	USXU	1,15,16	AN	MER	S	BU	SS	S	2	13.0
ANATOLY KHALIN	UTZR	3	AN	MER	S	BU	SS	S	3	24.0
ANATOLY SEROV	UVPJ	1,14,16	AN	MER	S	BU	SS	S	1	9.0
ANDOMALES	URUK	18	AN	MER	S	BU	SS	S	2	14.0
ANDREI EVDOKIMOV	UYRN	18	AN	MER	S	BU	SS	S	2	14.0
ANDROMEDA	UYFW	3	AN	MER	S	BU	SS	S	2	12.0
ANGARA	UNSE	15-17	AN	MER	S	BU	SS	S	3	15.0
ANGARALES	URQV	14-17	AN	MER	S	BU	SS	S	2	12.0
ANGARGES	UKKE	18	AN	MER	S	BU	SS	S	2	17.0
ANGARSK	UNGR	18	AN	MER	S	BU	SS	S	1	12.0
ANGARSKLES	UYSU	14,15,16 17	AN	MER	S	BU	SS	S	2	14.0
ANIVA	UFOB	18	AN	MER	S	BU	SS	S	1	6.0
ANTARES	UYGG	3	AN	MER	S	BU	SS	S	2	12.0
ANTARXTIKA	UPGV	4	AN	MER	S	BU	SS	S	3	16.0
ANTON CHEKHOV	UNUV	18	AN	MER	S	BU	SS	S	2	22.0
ANTON MAKARENKO	UIXR	18	AN	MER	S	BU	SS	S	2	15.0
ARAGVI	UYSN	18	AN	MER	S	BU	SS	S	2	18.0
ARAL' SK	UMQC	18	AN	MER	S	BU	SS	S	2	13.0
ARAL' SK	UFWI	18	AN	MER	S	BU	SS	S	1	6.0
ARGO	UZRI	3	AN	MER	S	BU	SS	S	2	12.0
ARGON	UIZB	3	AN	MER	S	BU	SS	S	3	10.0
ARGUN	UMRP	5-7	AN	MER	S	BU	SS	S	1	7.0
ARKADY GAIDAR	UNBD	18	AN	MER	S	BU	SS	S	2	15.0
ARKHANGELSK	UBPE	4	AN	MER	S	BU	SS	S	2	15.0
ARKHANGELSKLES	UYCD	18	AN	MER	S	BU	SS	S	2	12.0
ARKHIP KUINDZHI	UJIR	1,15,16	AN	MER	S	BU	SS	S	2	15.0
ARKTIKA	UPGR	1,14-16	AN	MER	S	BU	SS	S	2	12.0
ARMAN	UYBO	14-17	AN	MER	S	BU	SS	S	4	16.0

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ARMAVIR	ULCC	1,14-16	AN	MER	S	BU	SS	S	1	11.0
ASHKHABAD	UNFU	4	AN	MER	S	BU	SS	S	1	12.0
ASHKHABAD	UVGD	18	AN	MER	S	BU	SS	S	2	16.0
ASKOLD	UUMR	10,11,12	AN	MER	S	BU	SS	S	2	15.0
ATKARSK	UVAD	18	AN	MER	S	BU	SS	S	2	17.0
ATLANT	UCLF	3	AN	MER	S	BU	SS	S	2	10.0
ATLANTIKA	UPGJ	5,6,7	AN	MER	S	BU	SS	S	3	16.0
AUGUST ALLE	UDVK	4,6,10,11	AN	MER	S	BU	SS	S	1	12.0
AUGUST KORK	UVQD	18	AN	MER	S	BU	SS	S	2	15.0
AUGUST YAKOBSON	UJUU	3,6,10,11	AN	MER	S	BU	SS	S	3	16.0
AYAN	UVDU	14,15,16	AN	MER	S	BU	SS	S	1	11.0
AYU DAG	ENRQ	3	AN	MER	S	BU	SS	S	2	12.0
AZOV	UKDX	14,16	AN	MER	S	BU	SS	S	1	11.0
BABUSHKIN	UNNC	18	AN	MER	S	BU	SS	S	2	19.0
BAIKALLES	UKNZ	1,14-16	AN	MER	S	BU	SS	S	1	9.0
BAIMAK	UNNS	18	AN	MER	S	BU	SS	S	2	19.0
BAKARITSA	UUBX	18	AN	MER	S	BU	SS	S	2	11.0
BAKCHISARAY	UIHS	18	AN	MER	S	BU	SS	S	1	8.0
BAKU	UUNV	18	AN	MER	S	BU	SS	S	2	14.0
BAKURIANI	UNNV	18	AN	MER	S	BU	SS	S	2	19.0
BALAKHNALES	UECI	14-17	AN	MER	S	BU	SS	S	1	12.0
BALAKLAVA	UIQK	3	AN	MER	S	BU	SS	S	2	12.0
BALASHIKHA	UNNW	18	AN	MER	S	BU	SS	S	2	12.0
BALDONE	UGZD	18	AN	MER	S	BU	SS	S	1	15.0
BALTIISK	UUFF	1,14-16	AN	MER	S	BU	SS	S	2	13.0
BALTIISK	UVHY	18	AN	MER	S	BU	SS	S	2	15.0
BALTIKA	UVMO	10,4	AN	MER	S	BU	SS	S	3	15.0
BALVY	USNY	18	AN	MER	S	BU	SS	S	1	15.0
BARABINSK	USNF	18	AN	MER	S	BU	SS	S	3	13.0
BARNAUL	UDUS	18	AN	MER	S	BU	SS	S	2	13.0
BASHKIR	UKDN	3	AN	MER	S	BU	SS	S	2	15.0
BATARSHIN	UYDR	18	AN	MER	S	BU	SS	S	2	13.0

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BATUMI	UCWP	18	AN	MER	S	BU	SS	S	2	12.0
BAUSKA	UYPF	18	AN	MER	S	BU	SS	S	2	16.0
BAYAN	URGW	5-7	AN	MER	S	BU	SS	S	1	7.0
BDITEL'NYI	UJKB	18	AN	MER	S	BU	SS	S	2	8.0
BELGOROD	UKKJ	18	AN	MER	S	BU	SS	S	2	16.0
BELITSK	UDVN	18	AN	MER	S	BU	SS	S	2	19.0
BELOGORSK	UYWH	3	AN	MER	S	BU	SS	S	1	18.0
BELOMORKANAL	USXH	1,14-16	AN	MER	S	BU	SS	S	2	12.0
BELOMORSKLES	USJH	18	AN	MER	S	BU	SS	S	2	14.0
BELOOSTROV	UFNC	15	AN	MER	S	BU	SS	S	2	13.0
BELORETSK	USMZ	18	AN	MER	S	BU	SS	S	2	18.0
BELOVODSK	USXP	18	AN	MER	S	BU	SS	S	2	18.0
BELOZERSKLES	USJN	18	AN	MER	S	BU	SS	S	2	14.0
BERDYANSK	UIWP	18	AN	MER	S	BU	SS	S	2	15.0
BERESOVKA	UUVT	18	AN	MER	S	BU	SS	S	2	19.0
BEREZINALES	UEDV	18	AN	MER	S	BU	SS	S	2	13.0
BEREZNIK	UYUH	18	AN	MER	S	BU	SS	S	2	11.0
BEREZNIKI	UXES	18	AN	MER	S	BU	SS	S	2	18.0
BERILL	UTJZ	18	AN	MER	S	BU	SS	S	1	9.0
BESSTRASHNY	UIZE	3	AN	MER	S	BU	SS	S	3	10.0
BEZHITSA	USMX	18	AN	MER	S	BU	SS	S	2	19.0
BIISK	UYEQ	18	AN	MER	S	BU	SS	S	2	18.0
BIKIN	UDFV	18	AN	MER	S	BU	SS	S	2	12.0
BIRYUSA	UGRF	18	AN	MER	S	BU	SS	S	2	16.0
BOBRUISKLES	USJM	18	AN	MER	S	BU	SS	S	2	10.0
BOEVAYA SLAVA	UGNH	4	AN	MER	S	BU	SS	S	4	21.0
BOEVCI	UKAB	18	AN	MER	S	BU	SS	S	2	14.0
BOGDAN KHMELNITSKY	UPKP	2,12,13	AN	MER	S	BU	SS	S	2	16.0
BOGUCHAR	UBKW	5-7	AN	MER	S	BU	SS	S	1	7.0
BOL'SHEVIK SUKHANOV	UJYP	18	AN	MER	S	BU	SS	S	2	16.0
BOLSHEVIK N. NARIMANOV	UIAH	19	AN	MER	S	BU	SS	S	1	14.0
BOLSHEVO	UYYL	3	AN	MER	S	BU	SS	S	2	12.0
BORA	UTCT	3,10,6,11	AN	MER	S	BU	SS	S	2	12.0
BORIS GORBATOV	UIXV	18	AN	MER	S	BU	SS	S	2	15.0

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BORIS GORINSKY	UYCK	1,14-16	AN	MER	S	BU	SS	S	2	12.0
BORISLAV	UUSP	18	AN	MER	S	BU	SS	S	2	12.0
BOROVICHI	UVAU	18	AN	MER	S	BU	SS	S	3	12.0
BOSHNYAKOVO	UERE	14,15,16 17	AN	MER	S	BU	SS	S	1	12.0
BRASLAV	UTFU	1,14,16	AN	MER	S	BU	SS	S	2	12.0
BRASLAVLES	USJX	18	AN	MER	S	BU	SS	S	2	14.0
BRATSK	UIAC	18	AN	MER	S	BU	SS	S	2	15.0
BRATSKLES	UEBV	18	AN	MER	S	BU	SS	S	2	10.0
BRATSTVO	UDXO	18	AN	MER	S	BU	SS	S	2	15.0
BREST	UQIE	15	AN	MER	S	BU	SS	S	1	13.0
BRILLIANT	UTWJ	18	AN	MER	S	BU	SS	S	1	9.0
BRIZ	UEZT	3,6,10,11	AN	MER	S	BU	SS	S	3	14.0
BRYANSK	UVMW	1,15-16	AN	MER	S	BU	SS	S	3	15.0
BRYANSKLES	USYV	18	AN	MER	S	BU	SS	S	2	12.0
BRYANSKY RABOCHY	USMY	18	AN	MER	S	BU	SS	S	2	19.0
BUDAPESHT	UTNR	18	AN	MER	S	BU	SS	S	2	16.0
BUGULMA	UKKL	18	AN	MER	S	BU	SS	S	2	11.0
BUGURUSLAN	UIEU	18	AN	MER	S	BU	SS	S	2	16.0
BUKHAREST	UQYR	18	AN	MER	S	BU	SS	S	2	18.0
BUKHTARMA	UVQI	8	AN	MER	S	BU	SS	S	2	16.0
BUKOVINA	USKK	18	AN	MER	S	BU	SS	S	2	11.0
BUREVESTNIK	UGMR	3,6,10,11	AN	MER	S	BU	SS	S	2	14.0
BUREYALES	UECN	18	AN	MER	S	BU	SS	S	2	14.0
BURYA	UFGN	18	AN	MER	S	BU	SS	S	2	14.0
CHEBOKSARY	UKKH	18	AN	MER	S	BU	SS	S	2	16.0
CHEKHOV	UFSP	4	AN	MER	S	BU	SS	S	1	12.0
CHELYUSKINETS	UPNA	10-12	AN	MER	S	BU	SS	S	2	10.0
CHEREMKHOVO	UPHV	1,14-16	AN	MER	S	BU	SS	S	2	14.0
CHERNOMOR	UPFA	13	AN	MER	S	BU	SS	S	1	6.0
CHERNOVTSY	UVPM	18	AN	MER	S	BU	SS	S	2	17.0
CHERNYAKHOVSK	UUFE	1,14-16	AN	MER	S	BU	SS	S	2	13.0
CHERNYAKHOVSK	UQNH	18	AN	MER	S	BU	SS	S	2	16.0
CHERNYSHEVSKY	UPAF	16	AN	MER	S	BU	SS	S	3	13.0

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CHITA	UKEF	15,16	AN	MER	S	BU	SS	S	1	11.0
CHUKOTKA	USZH	1,14-16	AN	MER	S	BU	SS	S	2	13.0
CHULYMLES	UEDE	18	AN	MER	S	BU	SS	S	2	13.0
DAGESTAN	UKKD	18	AN	MER	S	BU	SS	S	2	18.0
DALNEVOSTOCHNIK	UVZN	15,16	AN	MER	S	BU	SS	S	1	7.0
DALNY VOSTOK	USZQ	1,14-16	AN	MER	S	BU	SS	S	1	5.0
DARASUN	UTCE	1,14	AN	MER	S	BU	SS	S	2	11.0
DARNITSA	UJJA	3	AN	MER	S	BU	SS	S	3	15.0
DASHAVA	UEXM	18	AN	MER	S	BU	SS	S	1	18.0
DAUGAVA	UIMB	3,10,11	AN	MER	S	BU	SS	S	1	15.0
DAURIA	URVY	3	AN	MER	S	BU	SS	S	3	20.0
DEDOVSK	USCM	18	AN	MER	S	BU	SS	S	2	18.0
DEKABRIST	UCML	18	AN	MER	S	BU	SS	S	2	8.0
DEKABRIST	UBME	18	AN	MER	S	BU	SS	S	3	8.0
DEMYAN BEDNY	UTQC	18	AN	MER	S	BU	SS	S	2	15.0
DENEB	UYGA	3	AN	MER	S	BU	SS	S	2	12.0
DEPUTAT LUTSKY	UJYQ	18	AN	MER	S	BU	SS	S	2	16.0
DESNA	UCYX	18	AN	MER	S	BU	SS	S	2	14.0
DIKSON	UGRS	1	AN	MER	S	BU	SS	S	1	10.0
DIMITROVO	URUX	18	AN	MER	S	BU	SS	S	2	18.0
DIVNOGORSK	UQHI	18	AN	MER	S	BU	SS	S	2	13.0
DMITRY DONSKOY	UKDF	18	AN	MER	S	BU	SS	S	2	12.0
DMITRY FURMANOV	UTQD	18	AN	MER	S	BU	SS	S	2	15.0
DMITRY GULIA	UTKW	18	AN	MER	S	BU	SS	S	2	15.0
DMITRY POZHARSKY	UKUC	1,12,13	AN	MER	S	BU	SS	S	2	17.0
DNEPRODZERZHINSK	UKKY	18	AN	MER	S	BU	SS	S	2	18.0
DNEPROGES	UOUB	18	AN	MER	S	BU	SS	S	2	17.0
DNEPROPETROVSK	UKEI	14-17	AN	MER	S	BU	SS	S	1	11.0
DNESIR	UCSD	18	AN	MER	S	BU	SS	S	1	9.0
DOBROLYUBOV	UFSK	4	AN	MER	S	BU	SS	S	1	12.0
DOBROFOLYE	UVBR	18	AN	MER	S	BU	SS	S	2	18.0
DODINSK	UIBC	18	AN	MER	S	BU	SS	S	2	15.0
DON	UIQS	18	AN	MER	S	BU	SS	S	2	14.0
DONETS	UCSE	18	AN	MER	S	BU	SS	S	1	9.0

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DONETSK	UNXO	16	AN	MER	S	BU	SS	S	1	11.0
DONSKOY	UEXX	18	AN	MER	S	BU	SS	S	2	18.0
DOROGOBUZH	UVRS	18	AN	MER	S	BU	SS	S	2	18.0
DOSTOEVSKY	UFSM	4	AN	MER	S	BU	SS	S	1	12.0
DOZORNYI	UDOP	18	AN	MER	S	BU	SS	S	2	8.0
DRUZHBA	UYBH	4	AN	MER	S	BU	SS	S	1	12.0
DRUZHEA	USQF	18	AN	MER	S	BU	SS	S	1	22.0
DUBNO	UBFM	18	AN	MER	S	BU	SS	S	2	12.0
DUDINKA	URVA	18	AN	MER	S	BU	SS	S	2	18.0
DUSHAMBE	UNEY	4	AN	MER	S	BU	SS	S	1	12.0
DUSHAMBE	UUNU	18	AN	MER	S	BU	SS	S	2	15.0
DVINOLES	UYSA	18	AN	MER	S	BU	SS	S	2	12.0
DZHUZEPPE GARIBALDI	UUZJ	18	AN	MER	S	BU	SS	S	2	19.0
DZORDANO BRUNO	UYCY	18	AN	MER	S	BU	SS	S	2	18.0
EGORIEVSK	UJIH	18	AN	MER	S	BU	SS	S	2	13.0
EGVEKINOT	UHBB	14-17	AN	MER	S	BU	SS	S	1	11.0
ELBRUS	UJYN	18	AN	MER	S	BU	SS	S	2	16.0
ELETS	UQIO	18	AN	MER	S	BU	SS	S	2	10.0
ELIZOVO	UTIE	1,14-16	AN	MER	S	BU	SS	S	1	5.0
ELSK	UWCI	18	AN	MER	S	BU	SS	S	1	17.0
EMELYAN PUGACHEV	UUMJ	18	AN	MER	S	BU	SS	S	2	14.0
EMETSK	UYXT	18	AN	MER	S	BU	SS	S	2	11.0
ENISEI	UYJO	18	AN	MER	S	BU	SS	S	1	6.0
ENISEI	USDY	1,15-17	AN	MER	S	BU	SS	S	3	18.0
ENISEILES	UIVZ	18	AN	MER	S	BU	SS	S	2	12.0
EREVAN	UUNT	18	AN	MER	S	BU	SS	S	2	14.0
ESSENTUKI	UJYI	18	AN	MER	S	BU	SS	S	2	16.0
ESTAFETA OKTYABRYA	UDUM	3	AN	MER	S	BU	SS	S	1	7.0
ESTONIA	UYYA	18	AN	MER	S	BU	SS	S	2	12.0
EVPATORIYA	USNC	3	AN	MER	S	BU	SS	S	2	12.0
F. NANSEN	UEHU	5-7	AN	MER	S	BU	SS	S	1	7.0
FEDOR KRAYNEV	UYDH	1,15	AN	MER	S	BU	SS	S	4	10.0
FELIKS DZERZHINSKY	USUH	14,15,16	AN	MER	S	BU	SS	S	3	14.0
FEODOSIA	USTD	3	AN	MER	S	BU	SS	S	2	12.0

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FIZIK KURCHATOV	UYCM	18	AN	MER	S		BU	SS	S	2	15.0
FIZIK LEBEDEV	UYVY	18	AN	MER	S		BU	SS	S	2	15.0
FIZIK VAVILOV	UYVU	18	AN	MER	S		BU	SS	S	2	15.0
FRANS GALS	UIUX	3	AN	MER	S		BU	SS	S	2	24.0
FREDERIK SHOPEN	UQOF	3,6,10,11	AN	MER	S		BU	SS	S	4	24.0
FREDERIK ZHOLIO KYURI	UQOP	18	AN	MER	S		BU	SS	S	2	15.0
FRUNZE	UVPK	18	AN	MER	S		BU	SS	S	2	17.0
G. LYSENKO	USEQ	3	AN	MER	S		BU	SS	S	3	20.0
GALAKTIKA	UEJU	18	AN	MER	S		BU	SS	S	1	9.0
GALIA KOMLEVA	UUDO	18	AN	MER	S		BU	SS	S	1	16.0
GAVANA	UJOB	18	AN	MER	S		BU	SS	S	2	17.0
GEIZER	UJJX	3	AN	MER	S		BU	SS	S	2	14.0
GENERAL PANPILOV	UUDM	18	AN	MER	S		BU	SS	S	2	12.0
GERKULES	UYGR	3	AN	MER	S		BU	SS	S	2	7.0
GIZHAGA	UJUX	3	AN	MER	S		BU	SS	S	2	10.0
GIZHIGA	UVXS	18	AN	MER	S		BU	SS	S	1	14.0
GLEB USPENSKY	UDVR	3	AN	MER	S		BU	SS	S	2	8.0
GLETCHER	UCJC	3	AN	MER	S	P S	BU	SS	S	2	
GOLFSTRIM	UZVD	3	AN	MER	S		BU	SS	S	2	12.0
GOMEL	UQXM	1,14,16	AN	MER	S		BU	SS	S	1	8.0
GONCHAROV	UAAG	4	AN	MER	S		BU	SS	S	1	12.0
GORKY	UVPQ	18	AN	MER	S		BU	SS	S	2	17.0
GORMOZAVODSK	UUPA	16	AN	MER	S		BU	SS	S	1	8.0
GORNO ALTAISK	USIS	18	AN	MER	S		BU	SS	S	2	13.0
GORY	UEKF	18	AN	MER	S		BU	SS	S	1	10.0
GRIGORY SHELIKHOV	USYT	3	AN	MER	S	P S	BU	SS	S	1	14.0
GRIGORY VAKULENCHUK	UVPO	18	AN	MER	S		BU	SS	S	2	16.0
GROZNY	UTEU	3	AN	MER	S		BU	SS	S	2	12.0
GROZNY	UQNZ	18	AN	MER	S		BU	SS	S	2	16.0
GRUMANT	UJKC	3	AN	MER	S		BU	SS	S	2	14.0
GRUMANT	UMXC	18	AN	MER	S		BU	SS	S	2	15.0
GURIEV	UFBD	18	AN	MER	S		BU	SS	S	1	5.0
GURZUF	UYOQ	18	AN	MER	S		BU	SS	S	2	17.0
GVARDEISK	UNGV	1,15,16	AN	MER	S		BU	SS	S	2	12.0

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GZHATSK	USIT	18	AN	MER	S	BU	SS	S	2	16.0
I. STEPANOV	UEEG	1,14,15,16	AN	MER	S	BU	SS	S	2	14.0
IGARKALES	UQNS	16	AN	MER	S	BU	SS	S	2	10.0
IGNATIIY SERGEEV	UYLL	18	AN	MER	S	BU	SS	S	2	19.0
IL'YA MECHNIKOV	UPVW	18	AN	MER	S	BU	SS	S	2	13.0
IL'YA REPIN	UYJA	3	AN*	MER	S	BU	SS	S	2	1.0
ILLAFION RYABIKOV	UERC	1,14	AN	MER	S	BU	SS	S	2	12.0
ILMEN	UCBV	16	AN	MER	S	BU	SS	S	1	11.0
ILMENLES	UEYE	18	AN	MER	S	BU	SS	S	1	10.0
IMAN	USLY	18	AN	MER	S	BU	SS	S	2	13.0
INDIGA	UGRV	18	AN	MER	S	BU	SS	S	2	12.0
INDIGIRKA	U-EU	1,14	AN	MER	S	BU	SS	S	2	14.0
INDIGIRKA	UWEP	18	AN	MER	S	BU	SS	S	2	17.0
INEI	UUKD	3,6,10,11	AN	MER	S	BU	SS	S	3	14.0
INGUA	UPDD	18	AN	MER	S	BU	SS	S	2	18.0
INKERMAN	UIUZ	3	AN	MER	S	BU	SS	S	2	11.0
INZHENER P. MATVEEV	UIFX	19	AN	MER	S	BU	SS	S	1	14.0
IOGAN MAKHMATAL	UPCU	18	AN	MER	S	BU	SS	S	2	11.0
IOZAS ALEKSONIS	UVXW	3	AN	MER	S	BU	SS	S	1	13.0
IOZAS GREIFENBORGERIS	UYCA	3	AN	MER	S	BU	SS	S	1	12.0
IOZAS VITAS	UNUO	3	AN	MER	S	BU	SS	S	1	12.0
IRBITLES	UTDB	18	AN	MER	S	BU	SS	S	1	10.0
IRKUTSKLES	UYDF	18	AN	MER	S	BU	SS	S	1	10.0
IRTYSHLES	USKN	18	AN	MER	S	BU	SS	S	1	10.0
ISAKOGORKA	UUKS	18	AN	MER	S	BU	SS	S	2	11.0
ISPOLNITEL'NYI	UHKK	1,14,16	AN	MER	S	BU	SS	S	2	11.0
ITCHA	UZVF	1,14,15,16	AN	MER	S	BU	SS	S	2	13.0
ITELMEN	UJTI	1,14-16	AN	MER	S	BU	SS	S	2	12.0
IVAN AIVAZOVSKY	UHAJ	3	AN	MER	S	BU	SS	S	3	15.0
IVAN CHERNOPYATKO	UYDA	1,14	AN	MER	S	BU	SS	S	2	11.0
IVAN FEDOROV	UEJB	4	AN	MER	S	BU	SS	S	2	14.0
IVAN GOLUBETS	UYVK	3	AN	MER	S	BU	SS	S	2	12.0
IVAN GONTSAROV	UTPP	16	AN	MER	S	BU	SS	S	2	15.0

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IVAN KRAMSKOY	UMSC	18	AN	MER	S		BU	SS	S	2	18.0
IVAN KULIBIN	UNYI	18	AN	MER	S		BU	SS	S	2	14.0
IVAN MOSKVIN	UKPF	18	AN	MER	S		BU	SS	S	2	15.0
IVAN POLZUNOV	UVMR	10-12	AN	MER	S		BU	SS	S	2	13.0
IVAN RYABOV	UBIK	18	AN	MER	S		BU	SS	S	2	10.0
IVAN SECHENOV	UPVU	18	AN	MER	S		BU	SS	S	2	13.0
IVAN SEREDA	UPSS	1,14	AN	MER	S		BU	SS	S	2	12.0
IVAN TOURGENIEV	UZIJ	1	AN	MER	S		BU	SS	S	1	9.0
IVAN ZEMNUKHOV	ULBT	15-16	AN	MER	S		BU	SS	S	1	8.0
IVANOVO	UCCP	18	AN	MER	S		BU	SS	S	2	16.0
IVANPANOVVOV	USSH	1,14,15,16	AN	MER	S		BU	SS	S	2	10.0
IZHEVSK	UNET	4	AN	MER	S		BU	SS	S	1	12.0
IZHEVSK	UICP	18	AN	MER	S		BU	SS	S	1	13.0
IZHEVSKLES	UEYB	18	AN	MER	S		BU	SS	S	1	10.0
IZHMALES	USYW	18	AN	MER	S		BU	SS	S	1	10.0
IZHORALES	UEYD	18	AN	MER	S		BU	SS	S	1	10.0
IZYASLAV	UVAH	18	AN	MER	S		BU	SS	S	2	10.0
JU.M. SHOKALSKY	UNAC	18	AN	MER	S	P S	BU	SS	S	3	24.0
JULIUS YANONIS	UAAD	4	AN	MER	S		BU	SS	S	2	16.0
KADIEVKA	USDE	18	AN	MER	S		BU	SS	S	3	13.0
KALININABAC	UEYG	18	AN	MER	S		BU	SS	S	2	17.0
KALININGRAD	UJXB	3	AN	MER	S		BU	SS	S	2	14.0
KAMALES	UENY	18	AN	MER	S		BU	SS	S	2	12.0
KAMCHATSKLES	UTDC	1,14-16	AN	MER	S		BU	SS	S	1	10.0
KAMENSK	UNIW	18	AN	MER	S		BU	SS	S	1	9.0
KAMISHIN	ESKT	18	AN	MER	S		BU	SS	S	2	12.0
KANDALAKSHALES	UEQJ	18	AN	MER	S		BU	SS	S	2	14.0
KANEV	UEZW	18	AN	MER	S		BU	SS	S	2	17.0
KAPITAN ABAKUMOV	UIKK	18	AN	MER	S		BU	SS	S	1	12.0
KAPITAN BELCUSOV	UVFB	18	AN	MER	S		BU	SS	S	3	14.0
KAPITAN GRITCHUK	UQIQ	14,15,16 17	AN	MER	S		BU	SS	S	1	11.0
KAPITAN KARTASHOV	UKNK	14,15,16 17	AN	MER	S		BU	SS	S	1	7.0
KAPITAN MELEKHOV	UNSD	9	AN	MER	S		BU	SS	S	3	14.0

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KAPITAN NOKFRIN	UYBB	3	AN	MER	S		BU	SS	S	3	10.0
KAPITAN SMIRNOV	UURK	15,16	AN	MER	S		BU	SS	S	3	14.0
KAPITAN VOOLENS	UFHM	3,10,11	AN	MER	S		BU	SS	S	1	15.0
KAPITAN VORONIN	UNXW	9	AN	MER	S	P S	BU	SS	S	3	14.0
KARA	UZLY	18	AN	MER	S		BU	SS	S	1	14.0
KARAGANDA	UWDO	18	AN	MER	S		BU	SS	S	2	16.0
KARELIS POZHELA	USVT	3	AN	MER	S		BU	SS	S	1	12.0
KARELIYALES	UEXY	1,14-16	AN	MER	S		BU	SS	S	1	10.0
KARGOPOL	UVUI	18	AN	MER	S		BU	SS	S	2	13.0
KARPATY	ESFH	18	AN	MER	S		BU	SS	S	2	16.0
KASIMOV	USLN	18	AN	MER	S		BU	SS	S	2	17.0
KASPIYSK	UEZD	18	AN	MER	S		BU	SS	S	2	12.0
KAUNAS	UCDS	18	AN	MER	S		BU	SS	S	1	16.0
KAVKAZ	UTRZ	14-17	AN	MER	S		BU	SS	S	3	14.0
KAZATIN	ESKZ	18	AN	MER	S		BU	SS	S	2	12.0
KEGUMS	USWQ	18	AN	MER	S		BU	SS	S	2	22.0
KHABAROVSK	UNEX	4	AN	MER	S		BU	SS	S	1	12.0
KHASAN	UNPO	10,11	AN	MER	S		BU	SS	S	1	11.0
KHATANGALES	ULEX	1,14-16	AN	MER	S		BU	SS	S	1	10.0
KHELTERMAA	UIIV	3,10,11	AN	MER	S		BU	SS	S	1	11.0
KHERSON	UQNY	18	AN	MER	S		BU	SS	S	2	16.0
KHIBINSKIE GORY	UJOC	3	AN	MER	S		BU	SS	S	3	15.0
KHIMIK ZELENSKY	UYOL	18	AN	MER	S		BU	SS	S	2	15.0
KHINGAN	USVV	1,14-16	AN	MER	S		BU	SS	S	2	12.0
KHIRURG VISHNEVSKY	UYCK	18	AN	MER	S		BU	SS	S	2	15.0
KHOLMOGORY	UYXX	18	AN	MER	S		BU	SS	S	2	11.0
KHOLMSK	UNHF	1,14-16	AN	MER	S		BU	SS	S	1	7.0
KHOLMSK	UGRN	14-16	AN	MER	S		BU	SS	S	1	11.0
KHOZE DIAS	UUPK	18	AN	MER	S		BU	SS	S	2	11.0
KHUDOZHNIK V. KRAINOV	UKPJ	4	AN	MER	S		BU	SS	S	1	13.0
KIEV	UGTO	9	AN	MER	S		BU	SS	S	3	13.0
KILDIN	UUYD	18	AN	MER	S		BU	SS	S	2	13.0
KIMOVSK	URTM	18	AN	MER	S		BU	SS	S	2	13.0
KIROV	UVPL	13	AN	MER	S		BU	SS	S	1	10.0

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KIROVSK	UICO	18	AN	MER	S	BU	SS	S	2	14.0
KIROVSKLES	UYSX	1,14-16	AN	MER	S	BU	SS	S	1	10.0
KISLOVODSK	UIWR	18	AN	MER	S	BU	SS	S	2	16.0
KLAIPEDA	UVGF	18	AN	MER	S	BU	SS	S	2	10.0
KLIN	UBCW	18	AN	MER	S	BU	SS	S	2	12.0
KOKHILA	UKXM	3,10,11	AN	MER	S	BU	SS	S	1	12.0
KOLGUEV	UGRX	14-17	AN	MER	S	BU	SS	S	1	11.0
KOLKHOZNIK	UPLF	18	AN	MER	S	BU	SS	S	2	11.0
KOLOMNA	UVCN	18	AN	MER	S	BU	SS	S	1	9.0
KOLPINO	UIAB	18	AN	MER	S	BU*	SS	S	1	9.0
KOLUVAN	ESKB	1	AN	MER	S	BU	SS	S	2	12.0
KOLYMALES	UEIT	18	AN	MER	S	BU	SS	S	2	12.0
KOMANDARM MATVEEV	UDXC	18	AN	MER	S	BU	SS	S	2	16.0
KOMILES	UQIW	18	AN	MER	S	BU	SS	S	2	11.0
KONDA	UJKF	18	AN	MER	S	BU	SS	S	2	16.0
KORSAKOV	USDB	1,14-16	AN	MER	S	BU	SS	S	1	5.0
KORSAKOV	UHBC	14-17	AN	MER	S	BU	SS	S	1	8.0
KORSUN SHEVCHENKOVSKY	UKEK	6,10,11	AN	MER	S	BU	SS	S	1	13.0
KOSTROMALES	UEPA	18	AN	MER	S	BU	SS	S	2	12.0
KOTLASLES	UQCE	18	AN	MER	S	BU	SS	S	2	12.0
KOVDA	UVFS	18	AN	MER	S	BU	SS	S	2	12.0
KOVDALES	UEXZ	1,14-16	AN	MER	S	BU	SS	S	1	10.0
KOVEL	UIMA	3,10,11	AN	MER	S	BU	SS	S	1	15.0
KOVROV	UYXM	18	AN	MER	S	BU	SS	S	2	14.0
KRASIN	UNZM	9	AN	MER	S	BU	SS	S	3	13.0
KRASLAVA	UNRC	18	AN	MER	S	P S BU	SS	S	2	22.0
KRASNAYA PRESNYA	UKJA	18	AN	MER	S	BU	SS	S	2	15.0
KRASNODON	UIDV	18	AN	MER	S	BU	SS	S	2	15.0
KRASNOGORSKLES	UTDL	14-17	AN	MER	S	BU	SS	S	1	11.0
KRASNOGRAD	UQCX	18	AN	MER	S	BU	SS	S	2	15.0
KRASNOGVARDEISK	ULAU	18	AN	MER	S	BU	SS	S	2	15.0
KRASNOIARSK	UYVE	18	AN	MER	S	BU	SS	S	2	10.0
KRASNOKAMSK	UVXP	18	AN	MER	S	BU	SS	S	2	15.0
KRASNOUFIMSK	UEZF	18	AN	MER	S	BU	SS	1	2 2	15.0

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KRASNOURALSK	UIDJ	18	AN	MER	S		BU	SS	S	2	15.0
KREML'	UYBW	18	AN	MER	S		BU	SS	S	2	15.0
KRYMSKIE GOPY	UCJB	3	AN	MER	S	P S	BU	SS	S	3	18.0
KUBA	URKP	18	AN	MER	S		BU	SS	S	2	15.0
KUBA	UTBE	1,14,16	AN	MER	S		BU	SS	S	2	12.0
KUIBYSHEVGES	UKKF	18	AN	MER	S		BU	SS	S	2	17.0
KUNGURLES	UEVS	18	AN	MER	S		BU	SS	S	2	12.0
KURA	UYSM	18	AN	MER	S		BU	SS	S	2	16.0
KURSK	UKRJ	18	AN	MER	S		BU	SS	S	1	16.0
KUSHKA	ESLA	18	AN	MER	S		BU	SS	S	2	12.0
KYAROLA	UYXW	18	AN	MER	S		BU	SS	S	1	15.0
L'GOV	UQMW	18	AN	MER	S		BU	SS	S	2	12.0
LABINSK	UQIR	18	AN	MER	S		BU	SS	S	2	15.0
LADOGALES	UECT	18	AN	MER	S		BU	SS	S	1	11.0
LAKHTA	UVBX	18	AN	MER	S		BU	SS	S	2	11.0
LAMUT	UBPR	1,14-16	AN	MER	S		BU	SS	S	2	12.0
LANGUST	UYNI	3	AN	MER	S		BU	SS	S	2	12.0
LAVNA	UVJJ	7	AN	MER	S		BU	SS	S	1	8.0
LAYA	UPXA	7,8	AN	MER	S		BU	SS	S	1	10.0
LENA	UQSZ	18	AN	MER	S		BU	SS	S	2	17.0
LENALES	UJAE	1,14-16	AN	MER	S		BU	SS	S	1	10.0
LENINGRAD	UQNX	18	AN	MER	S		BU	SS	S	2	16.0
LENINGRAD	USGC	1,14-16	AN	MER	S	P S	BU	SS	S	4	15.0
LENINGRADSKAYA SLAVA	USWD	4	AN	MER	S		BU	SS	S	4	18.0
LENINOBAD	UJDP	18	AN	MER	S		BU	SS	S	2	16.0
LENINORAD	UYDP	18	AN	MER	S		BU	SS	S	2	16.0
LENINOGORSK	UIWY	18	AN	MER	S		BU	SS	S	2	15.0
LENINSK	UQCT	18	AN	MER	S		BU	SS	S	2	16.0
LENINSKIE GORY	UJMZ	3	AN	MER	S		BU	SS	S	3	18.0
LENINSKY KOMSOMOL	UQIM	18	AN	MER	S		BU	SS	S	2	15.0
LEON PAEGLE	UYDC	18	AN	MER	S		BU	SS	S	2	12.0
LEONARDO DA VINCHI	UEAV	18	AN	MER	S		BU	SS	S	2	24.0
LEONID LEONIDOV	UKPE	18	AN	MER	S		BU	SS	S	2	15.0
LESKOV	UAAE	4	AN	MER	S		BU	SS	S	1	12.0

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LESNOY	UYWG	3	AN	MER	S		BU	SS	S	2	11.0	
LESOGORSK	UMBS	14,15,16	17	AN	MER	S		BU	SS	S	2	10.0
LESOZAVDOSK	UQIS	18		AN	MER	S		BU	SS	S	2	15.0
LEV TOLSTOY	UVCE	1,14-16		AN	MER	S		BU	SS	S	1	9.0
LIEPAYA	UUF1	18		AN	MER	S		BU	SS	S	2	16.0
LIGOVO	UUKO	18		AN	MER	S	P S	BU	SS	S	1	12.0
LISICHANSK	UYXF	18		AN	MER	S		BU	SS	S	2	19.0
LISKI	UCIX	18		AN	MER	S		BU	SS	S	2	19.0
LIVACIA	UIQF	3		AN	MER	S		BU	SS	S	2	12.0
LIVNY	UKMB	18		AN	MER	S	P S	BU	SS	S	2	19.0
LOKBOTAN	UCPR	3		AN	MER	S		BU	SS	S	3	10.0
LOKSA	UBHV	3,10,11		AN	MER	S		BU	SS	S	1	15.0
LURNY	UYEK	18		AN	MER	S		BU	SS	S	2	19.0
LUDZA	UBHU	3,10,11		AN	MER	S		BU	SS	S	1	15.0
LUGANSK	UYXE	18		AN	MER	S		BU	SS	S	2	19.0
LUKHOVITSY	UCAI	18		AN	MER	S		BU	SS	S	2	19.0
LUN'	UZQP	18		AN	MER	S		BU	SS	S	1	9.0
LUNNIK	UYBL	4		AN	MER	S		BU	SS	S	1	12.0
LUTCHEGOSK	ESIP	18		AN	MER	S		BU	SS	S	2	12.0
LYOBOV SHEVISOVA	UCDX	19		AN	MER	S		BU	SS	S	1	14.0
LYUBLINO	UGSB	18		AN	MER	S		BU	SS	S	2	16.0
LYUBOTIN	UTKS	18		AN	MER	S		BU	SS	S	2	19.0
LYUDAS GIRA	UAAC	3		AN	MER	S		BU	SS	S	1	12.0
M. TUKHACHEVSKY	ULPI	18		AN	MER	S		BU	SS	S	4	22.0
MAGADAN	UPNU	1,14-16		AN	MER	S		BU	SS	S	2	9.0
MAKHACHKALA	UVGG	18		AN	MER	S		BU	SS	S	2	15.0
MAKHIRA	UFHN	3,10,11		AN	MER	S	P S	BU	SS	S	1	15.0
MAKSIM GORKY	UPCS	1,15		AN	MER	S		BU	SS	S	2	12.0
MALAKHOV KURGAN	USPM	3		AN	MER	S		BU	SS	S	2	14.0
MAMIN SIBIRYAK	UAAP	4		AN	MER	S		BU	SS	S	1	10.0
MANZOVKA	UGRZ	14-16		AN	MER	S		BU	SS	S	1	12.0
MARGELAN	ULJH	18		AN	MER	S		BU	SS	S	2	15.0
MARIA POLIVANOVA	UTHI	3		AN	MER	S		BU	SS	S	3	24.0
MARIINSK	UKWT	18		AN	MER	S		BU	SS	S	2	15.0

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MARIINSK	UBLZ	18	AN	MER	S		BU	SS	S	1	11.0
MARLYN	NHMX	3	AN	MER	S		BU	SS	S	1	6.0
MARSHAL GOVOROV	UKAZ	18	AN	MER	S		BU	SS	S	2	12.0
MASHCHUK	UTEG	14-16	AN	MER	S		BU	SS	S	1	7.0
MASHTAGI	UGSV	13	AN	MER	S		BU	SS	S	1	10.0
MATOCSHKIN SHAR	URUJ	3	AN	MER	S		BU	SS	S	3	20.0
MATROS KOSHKA	UKCH	3	AN	MER	S		BU	SS	S	2	12.0
MATSESTA	UIFC	18	AN	MER	S		BU	SS	S	2	15.0
MAYMAKSA	UUFT	18	AN	MER	S		BU	SS	S	2	11.0
MEDVEDITZA	UPPO	1	AN	MER	S		BU	SS	S	1	7.0
MEDYN'	UKFH	18	AN	MER	S		BU	SS	S	2	17.0
MEKHANIK BONDIK	UNXV	15,16	AN	MER	S		BU	SS	S	1	11.0
MENZHINSKY	UFLO	15,16	AN	MER	S		BU	SS	S	3	13.0
MERIDIAN	UUYU	18	AN	MER	S	P S	BU	SS	S	4	13.0
MERKURIY	UNLN	3	AN	MER	S		BU	SS	S	1	7.0
MESKUPAS ADOMAS	ESHN	18	AN	MER	S		BU	SS	S	3	12.0
METALLURG ANOSOV	USMW	18	AN	MER	S		BU	SS	S	2	13.0
METALLURG BAIKOV	UWQU	18	AN	MER	S		BU	SS	S	2	15.0
METALLURG BARDIN	URDP	18	AN	MER	S		BU	SS	S	2	15.0
METALLURG KURAKO	UEPM	18	AN	MER	S		BU	SS	S	2	15.0
MEZENLES	UWQV	18	AN	MER	S		BU	SS	S	2	13.0
MEZHGORIE	YKUH	18	AN	MER	S		BU	SS	S	2	17.0
MGA	UFHQ	3,10,11	AN	MER	S		BU	SS	S	1	15.0
MICHURINSK	UCSB	18	AN	MER	S		BU	SS	S	2	14.0
MIKHAIL KALININ	UIDO	18	AN	MER	S		BU	SS	S	2	11.0
MIKHAIL KUTUZOV	UUMG	18	AN	MER	S	P S	BU	SS	S	2	14.0
MIKHAIL LOMONOSOV	UQIH	18	AN	MER	S		BU	SS	S	3	12.0
MIKLUKHO MAKLAJ	UCVB	18	AN	MER	S		BU	SS	S	2	14.0
MIKOLOYUS KONSTANTINAS	ULBN	3	AN	MER	S		BU	SS	S	1	12.0
MILLEROVO	UGPA	10	AN	MER	S		BU	SS	S	3	20.0
MINSK	UYCN	18	AN	MER	S		BU	SS	S	2	15.0
MIR	UYHB	18	AN	MER	S		BU	SS	S	2	22.0

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MIR	UYBF	4	AN	MER	S	BU	SS	S	1	12.0
MIRGOROD	URHW	1,14-16	AN	MER	S	BU	SS	S	1	8.0
MIRNYI	UUWZ	1,14,15,16	AN	MER	S	BU	SS	S	1	8.0
MISKHOR	UIPG	3	AN	MER	S	BU	SS	S	2	12.0
MIZAF	UYFH	3	AN	MER	S	BU	SS	S	2	12.0
MOGILEV	URMI	18	AN	MER	S	BU	SS	S	1	12.0
MOLOCHANSK	UNRM	18	AN	MER	S	BU	SS	S	2	15.0
MOLODAYA GWARDIA	UINN	2,3	AN	MER	S	BU	SS	S	2	15.0
MONGUGAI	UY~	18	AN	MER	S	BU	SS	S	2	14.0
MOREKHOD KUSKOV	UEMD	14-16	AN	MER	S	BU	SS	S	1	11.0
MORSHANSK	UBNG	18	AN	MER	S	BU	SS	S	2	15.0
MORZHOVETZ	UUYG	18	AN	MER	S	BU	SS	S	3	12.0
MOSKALVO	URDL	18	AN	MER	S	BU	SS	S	2	16.0
MOSKOVSKY FESTIVAL	UKKM	18	AN	MER	S	BU	SS	S	2	16.0
MOZDOK	UYCL	18	AN	MER	S	BU	SS	S	2	15.0
MOZHAISK	UBCX	18	AN	MER	S	BU	SS	S	2	15.0
MOZYR	UJXP	1,14-16	AN	MER	S	BU	SS	S	1	6.0
MOZYR	UBLX	18	AN	MER	S	BU	SS	S	1	12.0
MOZYR	UUWW	18	AN	MER	S	BU	SS	S	2	15.0
MSTA	UCBY	4	AN	MER	S	BU	SS	S	1	13.0
MTSENSK	UJWS	7	AN	MER	S	BU	SS	S	1	8.0
MTSENSK	UIHB	18	AN	MER	S	BU	SS	S	2	15.0
MUKACHEVO	ULAA	18	AN	MER	S	BU	SS	S	2	15.0
MURMAN	UGIG	18	AN	MER	S	BU	SS	S	2	16.0
MURMANSK	UNFV	4	AN	MER	S	BU	SS	S	1	12.0
MURMANSK	UPBB	18	AN	MER	S	BU	SS	S	2	14.0
MURMASHI	UFHP	18	AN	MER	S	BU	SS	S	2	13.0
MUSA EZHALIL	UTWB	18	AN	MER	S	BU	SS	S	2	15.0
MYTISHCHI	UUWS	18	AN	MER	S	BU	SS	S	2	15.0
N. ISAENKO	UPBV	1,14-16	AN	MER	S	BU	SS	S	3	14.0
N. PRZHEVALSKY	UKPK	18	AN	MER	S	BU	SS	S	2	13.0
NABLYUCATEL	URMA	7	AN	MER	S	BU	SS	S	1	6.0
NAGAEVO	UVZR	18	AN	MER	S	BU	SS	S	2	14.0
NAKHICHEVAN'	EPSO	18	AN	MER	S	BU	SS	S	4	21.0

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NAKHODKA	UUMQ	18	AN	MER	S	BU	SS	S	2	13.0
NARYAN MAR	UGRL	18	AN	MER	S	BU	SS	S	2	12.0
NATALIA KOVSHOVA	UJZY	3	AN	MER	S	BU	SS	S	3	24.0
NAUKA	UYPI	3	AN	MER	S	BU		S	2	11.0
NAVARIN	UUGJ	18	AN	MER	S	BU	SS	S	2	17.0
NEKRASOV	UFSI	4	AN	MER	S	BU	SS	S	1	12.0
NEMAN	UFWL	18	AN	MER	S	BU	SS	S	2	15.0
NEMIROVICH DANCHENKO	UKPC	18	AN	MER	S	BU	SS	S	2	15.0
NEPTUN	USYM	4	AN	MER	S	BU	SS	S	1	12.0
NEVA	UBPJ	18	AN	MER	S	BU		S	2	14.0
NEVALES	UCWC	18	AN	MER	S	BU	SS	S	2	12.0
NEVEL	UUYZ	18	AN	MER	S	BU	SS	S	3	14.0
NEVELSK	USDA	15,16	AN	MER	S	BU	SS	S	2	8.0
NEVELSKY	UMCB	18	AN	MER	S	BU	SS	S	2	14.0
NIKOLAEV	UBPW	18	AN	MER	S	BU	SS	S	2	19.0
NIKOLAI BOSHNYAK	UBHE	14-17	AN	MER	S	BU	SS	S	1	11.0
NIKOLAI BURDENKO	UPVY	18	AN	MER	S	BU	SS	S	1	13.0
NIKOLAI CHERNYSHEVSKY	UPVS	1,2,15,16	AN	MER	S	BU	SS	S	2	12.0
NIKOLAI FILCHENKOV	UYWE	3	AN	MER	S	BU	SS	S	2	12.0
NIKOLAI NEKRASOV	UTYE	18	AN	MER	S	BU	SS	S	2	15.0
NIKOLAI OSTROVSKY	UWHK	1,14-16	AN	MER	S	BU	SS	S	2	12.0
NIKOLAI OSTROVSKY	UVDD	3	AN	MER	S	BU	SS	S	2	12.0
NIKOLAI PIROGOV	UPVT	18	AN	MER	S	BU	SS	S	1	13.0
NIKOLAI SYPIAGIN	UNQG	3	AN	MER	S	BU	SS	S	1	10.0
NIZHNY TAGIL	UYEY	18	AN	MER	S	BU	SS	S	2	12.0
NOGINSK	UJDI	3	AN	MER	S	BU	SS	S	3	14.0
NORDVIK	UGRP	18	AN	MER	S	BU	SS	S	2	12.0
NOVAYA ERA	UEXT	14-16	AN	MER	S	BU	SS	S	2	10.0
NOVAYA LADOGA	UYHI	18	AN	MER	S	BU	SS	S	2	17.0
NOVAYA ZEMLYA	UHBI	18	AN	MER	S	BU	SS	S	2	13.0
NOVAYA ZEMLYA	UGPT	4	AN	MER	S	BU	SS	S	1	13.0
NOVGOROC	UTIZ	18	AN	MER	S	BU	SS	S	2	17.0
NOVIKOV PRIEGY	UFSQ	4	AN	MER	S	BU	SS	S	1	12.0
NOVODKYZHESK	UOUV	18	AN	MER	S	BU	SS	S	2	17.0

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NOVOKUIBYSHEVSK	UKVD	18	AN	MER	S		BU	SS	S	2	17.0
NOVOKUZNETSK	UHZD	18	AN	MER	S		BU	SS	S	2	17.0
NOVOMIRGOROD	UZKJ	18	AN	MER	S		BU	SS	S	2	14.0
NOVOMOSKOVSK	UGCV	18	AN	MER	S		BU	SS	S	2	17.0
NOVOSIBIRSK	UFJK	18	AN	MER	S		BU	SS	S	2	17.0
NOVOTROITSK	UCUO	18	AN	MER	S		BU	SS	S	2	17.0
NOVOVORONEZF	USIE	18	AN	MER	S		BU	SS	S	2	16.0
NYAMASK	UZIP	18	AN	MER	S		BU	SS	S	3	20.0
OB	UWZI	15,16	AN	MER	S		BU	SS	S	2	8.0
OB	USDV	18	AN	MER	S		BU	SS	S	4	17.0
ODESSA	UDML	18	AN	MER	S		BU	SS	S	2	16.0
OKEANOGRAF	UTPW	7,8	AN	MER	S		BU	SS	S	1	8.0
OKEANOGRAF	UGTD	4,10,11	AN	MER	S	P S	BU	SS	S	2	9.0
OKHA	UQTG	15	AN	MER	S		BU	SS	S	2	8.0
OKHOTSK	USKY	18	AN	MER	S		BU	SS	S	2	18.0
OLA	UBRV	18	AN	MER	S		BU	SS	S	2	16.0
OLENEGORSK	UFPS	18	AN	MER	S		BU	SS	S	2	16.0
OLENEK	UEUR	18	AN	MER	S		BU	SS	S	3	14.0
OLENSK	UQXN	1,14,15,16	AN	MER	S		BU	SS	S	1	10.0
OLYLTORKA	UGRT	1,14-16	AN	MER	S		BU	SS	S	1	10.0
OLYUTORKA	UZVG	18	AN	MER	S		BU	SS	S	2	16.0
OMOLON	UVDX	14,15,16	AN	MER	S		BU	SS	S	1	11.0
OMSK	UQVZ	18	AN	MER	S		BU	SS	S	2	18.0
OPALA	UVYY	1,14-16	AN	MER	S		BU	SS	S	2	12.0
ORBITA	UEBL	4	AN	MER	S		BU	SS	S	1	12.0
OREANCA	UIQJ	3	AN	MER	S		BU	SS	S	2	12.0
OREKHOV	UEFZ	18	AN	MER	S		BU	SS	S	2	19.0
OREKHOVO ZUEVO	UVMP	14-16	AN	MER	S		BU	SS	S	1	11.0
ORENBURG	UYXH	18	AN	MER	S		BU	SS	S	2	19.0
ORLAN	UBLL	14-16	AN	MER	S		BU	SS	S	1	7.0
OROCHON	UCFN	1,14-16	AN	MER	S		BU	SS	S	2	9.0
ORSHA	UEGE	18	AN	MER	S		BU	SS	S	2	19.0
OSTROGOZFSK	UNNJ	18	AN	MER	S		BU	SS	S	2	19.0
OSTROV	UREY	1,14-16	AN	MER	S		BU	SS	S	1	8.0

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OSTROVSKY	UFSL	4	AN	MER	S	BU	SS	S	1	12.0
OTCHAKOV	UVPP	18	AN	MER	S	BU	SS	S	2	16.0
OTKUPSHCHIKOV	UWHH	7	AN	MER	S	BU	SS	S	1	7.0
OTRAONCE	UYCJ	18	AN	MER	S	BU	SS	S	2	17.0
OTTO SHMIDT	UJQW	10,11,12	AN	MER	S	BU	SS	S	2	12.0
OZERNOE	UQHP	1,14-16	AN	MER	S	BU	SS	S	1	6.0
PAMYATI KIROVA	UMTE	4	AN	MER	S	BU	SS	S	3	16.0
PARATUNKA	UUYU	1,14-16	AN	MER	S	BU	SS	S	1	21.0
PARTIZAN BONIVUR	UVZV	18	AN	MER	S	BU	SS	S	2	16.0
PARTIZANSKAYA SLAVA	UDRG	18	AN	MER	S	BU	SS	S	2	18.0
PAVLIN VINOGRADOV	UBHD	18	AN	MER	S	BU	SS	S	2	13.0
PAVLOVO	UDTY	3	AN	MER	S	BU	SS	S	2	14.0
PAVLOVSK	UIII	18	AN	MER	S	BU	SS	S	2	19.0
PECHENGA	UEIV	4	AN	MER	S	BU	SS	S	3	16.0
PECHORALES	UEWV	18	AN	MER	S	BU	SS	S	2	13.0
PEGAS	UIQZ	14-17	AN	MER	S	BU	SS	S	2	10.0
PENZA	UVPR	18	AN	MER	S	BU	SS	S	2	16.0
PENZHINA	URFS	1,14-16	AN	MER	S	BU	SS	S	1	5.0
PENZHINA	UEUC	18	AN	MER	S	BU	SS	S	3	17.0
PEREKOP	UEQU	18	AN	MER	S	BU	SS	S	2	19.0
PEREYASLAVL ZA LESSKY	USHZ	18	AN	MER	S	BU	SS	S	2	15.0
PERM'LES	USKL	18	AN	MER	S	BU	SS	S	2	9.0
PETR CHEBOTNYAGIN	UTIX	14-17	AN	MER	S	BU	SS	S	2	12.0
PETR CVCHINNIKOV	UYDF	1,14,16	AN	MER	S	BU	SS	S	2	12.0
PETR SOLOVYEV	UVQE	1,14-16	AN	MER	S	BU	SS	S	1	10.0
PETRCOVERETS	USEP	3	AN	MER	S	BU	SS	S	1	12.0
PETROPAVLOVSK	UQVF	14-17	AN	MER	S	BU	SS	S	1	9.0
PETROPAVLOVSK KAMCHATSKY	UCLT	15-17	AN	MER	S	BU	SS	S	2	13.0
PINSK	UQID	1,14,15,17	AN	MER	S	BU	SS	S	1	9.0
PIONER UKRAINY	UTUS	18	AN	MER	S	BU	SS	S	2	12.0
PIONERSK	UIZC	3	AN	MER	S	BU	SS	S	3	21.0
PISHCHEVAYA INDUSTRIA	UPNW	15,16	AN	MER	S	BU	SS	S	4	14.0
PKHENYAN	UTKI	18	AN	MER	S	BU	SS	S	2	18.0
PLAIYA KHIRON	URKZ	3	AN	MER	S	BU	SS	S	3	12.0

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POLESSK	UNIN	18	AN	MER	S		BU	SS	S	2	18.0
POLOTSK	USLQ	18	AN	MER	S		BU	SS	S	2	18.0
POLTAVA	UROQ	18	AN	MER	S		BU	SS	S	2	18.0
POLYARNAYA ZVEZDA	UJZZ	3	AN	MER	S		BU	SS	S	3	12.0
POLYARNIK	USZK	7	AN	MER	S		BU	SS	S	1	7.0
POLYARNY	URUF	18	AN	MER	S		BU	SS	S	2	11.0
POLYARNY	UEBN	4	AN	MER	S		BU	SS	S	1	12.0
PORKHOV	UKDO	18	AN	MER	S		BU	SS	S	2	13.0
POVENETS	UEQP	3,10,11	AN	MER	S		BU	SS	S	1	16.0
POVOLZHYE	UIDX	18	AN	MER	S		BU	SS	S	1	13.0
PRANAS ZIBERTAS	UUCP	3	AN	MER	S		BU	SS	S	2	12.0
PRAVDA	UUVV	18	AN	MER	S		BU	SS	S	2	11.0
PRIAMURIE	UKIH	18	AN	MER	S		BU	SS	S	4	12.0
PRIBOY	UJKE	18	AN	MER	S		BU	SS	S	3	18.0
PRIDNEPROVSK	USUR	18	AN	MER	S		BU	SS	S	2	19.0
PRIKUMSK	UPOG	1,15	AN	MER	S		BU	SS	S	1	12.0
PRILUKI	UBYR	3	AN	MER	S		BU	SS	S	2	14.0
PRIMORLES	UERG	18	AN	MER	S		BU	SS	S	2	14.0
PRIMORSK	URAA	18	AN	MER	S		BU	SS	S	2	11.0
PRIPYATLES	USGA	18	AN	MER	S		BU	SS	S	2	14.0
PRIVODINO	UEUJ	18	AN	MER	S		BU	SS	S	1	13.0
PRIVOLZHSK	UKRN	18	AN	MER	S		BU	SS	S	1	13.0
PRIVOLZFSK	UJMB	3	AN	MER	S		BU	SS	S	3	13.0
PROFESSOR POPOV	UWQR	18	AN	MER	S		BU	SS	S	2	11.0
PROFESSOR SOMOV	UHLG	5-7	AN	MER	S		BU	SS	S	1	7.0
PROFESSOR VIZE	UPUJ	3	AN	MER	S	P S	BU	SS	S	3	30.0
PROFESSOR ZUBOV	UMFW	3	AN	MER	S		BU	SS	S	3	30.0
PROKOPY GALLSHIN	UPFT	18	AN	MER	S		BU	SS	S	2	11.0
PROKOPYEVSK	UPMJ	18	AN	MER	S		BU	SS	S	2	14.0
PSKOV	UVMV	18	AN	MER	S		BU	SS	S	2	13.0
PULA	UYVW	18	AN	MER	S		BU	SS	S	2	18.0
PUSHKIN	UFSH	4-7	AN	MER	S		BU	SS	S	1	12.0
PYARNU	USIP	3,10,11	AN	MER	S	P S	BU	SS	S	1	16.0
RADUGA	UTPY	7	AN	MER	S		BU	SS	S	1	6.0

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RADY	UESJ	3	AN	MER	S	BU	SS	S	3	14.0
RAPOLAS CHYARNAS	UDOR	3	AN	MER	S	BU	SS	S	1	12.0
RAVA RUSSKAYA	UUZO	18	AN	MER	S	BU	SS	S	1	16.0
RAVENSTVO	UDWH	18	AN	MER	S	BU	SS	S	2	15.0
RAZDOLNCE	UYSD	18	AN	MER	S	BU	SS	S	2	14.0
REKVERE	USLX	3,10,11	AN	MER	S	BU	SS	S	1	15.0
REMBRANT	UISX	3	AN	MER	S	BU	SS	S	2	14.0
REPINO	UFHS	4,5,6,7	AN	MER	S	BU	SS	S	1	15.0
REPINO	UYZT	3	AN	MER	S	BU	SS	S	2	11.0
RESHITELNY	USZD	1,14-16	AN	MER	S	BU	SS	S	3	10.0
REVOLYUTSIA	UEBM	4-7	AN	MER	S	BU	SS	S	1	12.0
RIGA	UBMB	18	AN	MER	S	BU	SS	S	3	15.0
RIONGES	UPXD	18	AN	MER	S	BU	SS	S	2	17.0
RODINA	UVGZ	18	AN	MER	S	BU	SS	S	2	14.0
ROMBAK	UUFJ	7,8	AN	MER	S	BU	SS	S	1	10.0
ROSSIA	UFAB	4,5,6,7	AN	MER	S	BU	SS	S	1	10.0
ROSTOV	UCUA	18	AN	MER	S	BU	SS	S	2	16.0
RUDOLF BLAUMANIS	ULCH	18	AN	MER	S	BU	SS	S	2	12.0
RUS'	USDD	1,15,16	AN	MER	S	BU	SS	S	4	18.0
RUSLAN	UYRE	3	AN	MER	S	BU	SS	S	2	12.0
RUZA	UVPC	18	AN	MER	S	BU	SS	S	2	12.0
RYAZAN	UKED	10,11	AN	MER	S	BU	SS	S	1	16.0
RYBNOVSK	UVWX	15,16	AN	MER	S	BU	SS	S	1	7.0
RYBNY MURMAN	URVZ	18	AN	MER	S	BU	SS	S	3	20.0
RZHEV	UCCK	4	AN	MER	S	BU	SS	S	1	11.0
S. VASILISYN	USJZ	3	AN	MER	S	BU	SS	S	3	20.0
SAKHALIN	UTDA	14-16	AN	MER	S	BU	SS	S	2	10.0
SAKHALINLES	USGE	14-16	AN	MER	S	BU	SS	S	1	12.0
SAKHALINSKIE GORY	UCFX	1,14-16	AN	MER	S	BU	SS	S	2	19.0
SALAVAT	UBBO	18	AN	MER	S	BU	SS	S	2	17.0
SALDUS	UGRU	18	AN	MER	S	BU	SS	S	1	11.0
SALEKHARD	UGRO	18	AN	MER	S	BU	SS	S	2	12.0
SALGIR	UYRI	3	AN	MER	S	BU	SS	S	2	12.0
SALNA	UKLI	18	AN	MER	S	BU	SS	S	2	15.0

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SALTYKOV SHCHEDRIN	UFSO	4	AN	MER	S	BU	SS	S	1	16.0
SALTYKOV SHCHEDRIN	UVHL	1,14-16	AN	MER	S	BU	SS	S	1	9.0
SAMARKANO	UVPN	18	AN	MER	S	BU	SS	S	2	16.0
SAMBOR	UHUC	3	AN	MER	S	BU	SS	S	1	9.0
SAMDIL MARSHAK	UZMP	18	AN	MER	S	BU	SS	S	2	15.0
SANGARLES	UJAC	18	AN	MER	S	BU	SS	S	2	13.0
SARMA	UIIL	18	AN	MER	S	BU	SS	S	2	16.0
SASHA KOVALEV	UUDB	18	AN	MER	S	BU	SS	S	2	16.0
SATURN	UNLK	3	AN	MER	S	BU	SS	S	1	16.0
SAYANSKIE GORY	UFNK	15,16	AN	MER	S	BU	SS	S	2	20.0
SAYANY	UUZX	3,6,10,11	AN	MER	S	BU	SS	S	2	16.0
SAYANYLES	UESY	18	AN	MER	S	BU	SS	S	2	14.0
SEGEZHA	UIJT	18	AN	MER	S	BU	SS	S	2	16.0
SEGEZHALES	UITW	18	AN	MER	S	BU	SS	S	2	12.0
SELENGA	UVDL	14-16	AN	MER	S	BU	SS	S	1	11.0
SELENGALES	USGB	18	AN	MER	S	BU	SS	S	2	14.0
SEMIPALATINSK	UYXK	18	AN	MER	S	BU	SS	S	2	17.0
SENA	UYSG	10,11	AN	MER	S	BU	SS	S	1	16.0
SERAFIMOVICH	UFSN	4	AN	MER	S	BU	SS	S	1	12.0
SEREBRIAVSK	UCVM	18	AN	MER	S	BU	SS	S	2	15.0
SERGEI TYULENIN	ULBU	1,14-16	AN	MER	S	BU	SS	S	1	9.0
SERGEY ESENIN	UNHE	18	AN	MER	S	BU	SS	S	2	22.0
SERPUKHOV	UKDM	1,15	AN	MER	S	BU	SS	S	2	13.0
SEVASTOPOL	UCTJ	2,3	AN	MER	S	BU	SS	S	3	14.0
SEVASTOPOL	UCJE	18	AN	MER	S	BU	SS	S	2	13.0
SEVERNAYA DVINA	URMH	18	AN	MER	S	BU	SS	S	1	9.0
SEVERNAYA ZEMLYA	UVHZ	4	AN	MER	S	BU	SS	S	1	13.0
SEVERNCE SIYANIE	UNFX	4	AN	MER	S	BU	SS	S	1	12.0
SEVERNY POLIUS	ESII	18	AN	MER	S	BU	SS	S	5	20.0
SEVERODONETSK	UPGG	18	AN	MER	S	BU	SS	S	2	18.0
SEVERODVINSK	UQNG	18	AN	MER	S	BU	SS	S	2	16.0
SEVERODVINSK	UJJW	4	AN	MER	S	BU	SS	S	3	16.0
SEVEROLES	UERL	13	AN	MER	S	BU	SS	S	2	12.0
SEVEROMORSK	UKRC	4	AN	MER	S	BU	SS	S	1	13.0

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SEVRYBA	UKFY	3	AN	MER	S	BU	SS	S	3	20.0
SEVZAPLES	UNLG	1,15	AN	MER	S	BU	SS	S	2	12.0
SHAUMYAN	UIFB	19	AN	MER	S	BU	SS	S	1	14.0
SHEDER	UZZY	3	AN	MER	S	BU	SS	S	2	11.0
SHEKSNALES	UEKZ	18	AN	MER	S	BU	SS	S	2	12.0
SHENKURSK	UYCA	18	AN	MER	S	BU	SS	S	2	11.0
SHKIPER GEK	UJYG	14-17	AN	MER	S	BU	SS	S	1	11.0
SHKOTOVO	UNFP	14-17	AN	MER	S	BU	SS	S	1	7.0
SHKVAL	UWGW	3	AN	MER	S	BU	SS	S	2	15.0
SHTORM	UFGJ	3	AN	MER	S	BU	SS	S	3	12.0
SIBIR	UVAC	1,14-16	AN	MER	S	BU	SS	S	4	13.0
SIBIR'	UEEY	1,15,16	AN	MER	S	BU	SS	S	2	14.0
SIBIRLES	UEPK	14-16	AN	MER	S	BU	SS	S	1	12.0
SIGNALNY	UENA	1,14-16	AN	MER	S	BU	SS	S	1	7.0
SIGULCA	UYXV	3,10,11	AN	MER	S	BU	SS	S	1	14.0
SIMEIZ	USIL	3	AN	MER	S	BU	SS	S	2	12.0
SIMFEROPOL	UULF	15,16	AN	MER	S	BU	SS	S	1	14.0
SIMFEROPOL	UWMY	2,3	AN	MER	S	BU	SS	S	3	14.0
SINOPTIK ILINSKY	UJGL	1,15,16	AN	MER	S	BU	SS	S	1	13.0
SIRIUS	UYVF	3	AN	MER	S	BU	SS	S	2	12.0
SIVASH	UUVC	10,11	AN	MER	S	BU	SS	S	1	14.0
SIYANIE	URWV	18	AN	MER	S	BU	SS	S	1	9.0
SKALA	UCJK	14-16	AN	MER	S	BU	SS	S	3	15.0
SKAZCCHNIK ANDERSEN	UZVE	3	AN	MER	S	BU	SS	S	2	14.0
SKIF	ESGT	18	AN	MER	S	BU	SS	S	2	11.0
SLAVA	USFA	1,14,15	AN	MER	S	BU	SS	S	4	22.0
SLAVA SEVASTOPOLYA	USRC	2,3	AN	MER	S	BU	SS	S	2	14.0
SLAVGOROO	UCDR	13	AN	MER	S	BU	SS	S	2	15.0
SLAVSK	USKR	18	AN	MER	S	BU	SS	S	2	17.0
SLAVYANKA	UNXN	1,15,16	AN	MER	S	BU	SS	S	1	13.0
SLAVYANSK	ULTN	18	AN	MER	S	BU	SS	S	2	17.0
SLUTSK	USKV	18	AN	MER	S	BU	SS	S	2	17.0
SMELY	UTWS	3	AN	MER	S	BU	SS	S	3	10.0
SMEZY	UTWG	18	AN	MER	S	BU	SS	S	3	10.0

UNION OF SOVIET SOCIALIST REPUBLICS

SMOL'NY	EFIG	18	AN	MER	S		BU	SS	S	1	8.0
SMOLNY	UNJL	1,15,16	AN	MER	S		BU	SS	S	3	8.0
SOBOLEVO	USLZ	1,14,16	AN	MER	S	P S	BU	SS	S	1	9.0
SOBOLEVO	URHA	1,14-16	AN	MER	S		BU	SS	S	1	14.0
SOCHI	UFLX	18	AN	MER	S		BU	SS	S	2	17.0
SOFIA	UDUR	18	AN	MER	S		BU	SS	S	2	22.0
SOFYA PEROVSKAYA	UMEI	18	AN	MER	S		BU	SS	S	2	11.0
SOLNECHNOGORSK	UJVR	18	AN	MER	S		BU	SS	S	2	16.0
SOLNETCHNY LUCH	UPPX	18	AN	MER	S		BU	SS	S	3	12.0
SOLNTZEDARD	ESIC	18	AN	MER	S		BU	SS	S	2	2.0
SOVETSK	UIZD	3	AN	MER	S		BU	SS	S	2	14.0
SOVETSK	USKX	18	AN	MER	S		BU	SS	S	2	17.0
SOVETSKAYA ARKTIKA	UHLV	3	AN	MER	S		BU	SS	S	3	14.0
SOVETSKAYA GAVAN	UUMP	18	AN	MER	S		BU	SS	S	2	11.0
SOVETSKAYA KAMCHATKA	UEJC	1,14,16	AN	MER	S		BU	SS	S	2	13.0
SOVETSKAYA LATVIA	UEMZ	18	AN	MER	S		BU	SS	S	2	15.0
SOVETSKAYA LITVA	UBML	4	AN	MER	S		BU	SS	S	3	14.0
SOVETSKAYA RODINA	UWWL	3,6,10,11	AN	MER	S		BU	SS	S	2	14.0
SOVETSKAYA ROSSIA	UVTK	2,15	AN	MER	S		BU	SS	S	4	22.0
SOVETSKIE PROFSCYUZY	ESGX	18	AN	MER	S		BU	SS	S	2	12.0
SOVETSKY TURKMENISTAN	UTNY	19	AN	MER	S		BU	SS	S	1	18.0
SOYUZ 5	ESKS	1	AN	MER	S		BU	SS	S	2	12.0
SOZH	UWZJ	15-16	AN	MER	S		BU	SS	S	1	8.0
SPETENSK	UIWQ	4	AN	MER	S		BU	SS	S	2	12.0
SPUTNIK	UYBJ	4	AN	MER	S		BU	SS	S	1	12.0
STANISLAV MONYLSHKO	UIHW	18	AN	MER	S		BU	SS	S	4	22.0
STANISLAVSKY	UUNQ	18	AN	MER	S		BU	SS	S	2	15.0
STAVROPOL	UQQT	18	AN	MER	S		BU	SS	S	2	13.0
STEPAN KHALTURIN	UIFH	18	AN	MER	S		BU	SS	S	2	15.0
STEREGUSHCHY	UHKQ	3	AN	MER	S		BU	SS	S	4	10.0
STEREGUSHCHY	UTWQ	18	AN	MER	S		BU	SS	S	2	8.0
STRELETS	UIRH	3	AN	MER	S		BU	SS	S	2	12.0
SUCHAN	UCFZ	18	AN	MER	S		BU	SS	S	2	13.0
SUOZHA	UBAE	18	AN	MER	S		BU	SS	S	2	17.0

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SUKHODOL	UWJK	1,15,16	AN	MER	S	BU	SS	S	1	12.0
SUKHONA	UPCW	12,13	AN	MER	S	BU	SS	S	1	13.0
SUMI	UUZN	18	AN	MER	S	BU	SS	S	2	16.0
SUZDAL	UPTH	18	AN	MER	S	BU	SS	S	2	22.0
SVEROLOVSK	UPJE	18	AN	MER	S	BU	SS	S	2	16.0
SVEROLOVSK	UNEZ	4	AN	MER	S	BU	SS	S	1	16.0
SVETLAYA	ULZH	1	AN	MER	S	BU	SS	S	2	12.0
SVETLOGORSK	UUFD	1,15,16	AN	MER	S	BU	SS	S	2	13.0
SVETLY	UMCX	18	AN	MER	S	BU	SS	S	2	7.0
SVOBODA	UEAM	18	AN	MER	S	BU	SS	S	2	15.0
SYKTYVKAR	UVLM	18	AN	MER	S	BU	SS	S	2	16.0
SYRVE	UYXU	3,10,11	AN	MER	S	BU	SS	S	1	15.0
TAIFUN	UYGB	2,3	AN	MER	S	BU	SS	S	2	15.0
TAIGANOS	UGRQ	18	AN	MER	S	BU	SS	S	2	13.0
TAIMYR	UHHJ	18	AN	MER	S	BU	SS	S	2	13.0
TALLIN	UVGC	18	AN	MER	S	BU	SS	S	2	16.0
TALSY	UCXC	18	AN	MER	S	BU	SS	S	1	16.0
TAVRIA	USHN	2,3	AN	MER	S	BU	SS	S	3	15.0
TBILISI	UDUL	18	AN	MER	S	BU	SS	S	2	13.0
TBILISI	UJYM	18	AN	MER	S	BU	SS	S	2	10.0
TEODOR NETTE	UVTS	18	AN	MER	S	BU	SS	S	2	12.0
TEODOR NETTE	UYCG	18	AN	MER	S	BU	SS	S	2	13.0
TERMEZ	UYSK	1,14-16	AN	MER	S	BU	SS	S	1	7.0
TIKSI	UUZS	18	AN	MER	S	BU	SS	S	2	15.0
TITANIA	UUEE	1,14-16	AN	MER	S	BU	SS	S	2	11.0
TOPSEDA	UNHO	7	AN	MER	S	BU	SS	S	1	7.0
TRALFLOT	UEBP	4	AN	MER	S	BU	SS	S	1	12.0
TRANSBALI	UKFR	18	AN	MER	S	BU	SS	S	2	15.0
TRUCOVAYA SLAVA	UGNI	18	AN	MER	S	BU	SS	S	4	22.0
TRUCOVYE REZERVY	UCNS	14-16	AN	MER	S	BU	SS	S	2	12.0
TSELINOGRAD	UUEC	1,14-16	AN	MER	S	BU	SS	S	2	13.0
TSEISIS	UCXK	18	AN	MER	S	BU	SS	S	1	16.0
TSIKLON	UJLE	2,3	AN	MER	S	BU	SS	S	2	15.0
TSYMLYANSKES	UKKG	18	AN	MER	S	BU	SS	S	2	17.0

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TULOMA	UHJD	1,14-16	AN	MER	S	BU	SS	S	2	13.0
TULOMA	UVMJ	18	AN	MER	S	BU	SS	S	2	12.0
TUNETS	UJCN	4	AN	MER	S	BU	SS	S	1	8.0
TUNGUS	UCEU	4	AN	MER	S	BU	SS	S	2	14.0
TURKMENIA	UERV	18	AN	MER	S	BU	SS	S	4	15.0
TYCUMEN	UGRJ	18	AN	MER	S	BU	SS	S	2	12.0
UELEN	UCIN	18	AN	MER	S	BU	SS	S	2	15.0
UFA	URQY	1,14-16	AN	MER	S	BU	SS	S	1	8.0
UGLICH	UZUQ	15-16	AN	MER	S	BU	SS	S	1	11.0
UKRAINA	UHXQ	18	AN	MER	S	BU	SS	S	2	10.0
ULAN BATOR	UTIK	18	AN	MER	S	BU	SS	S	2	18.0
ULYANA GROMOVA	UCCW	19	AN	MER	S	BU	SS	S	1	16.0
UMAN	UNJB	1,14-16	AN	MER	S	BU	SS	S	2	12.0
UMBALES	URDM	18	AN	MER	S	BU	SS	S	2	13.0
URAGAN	UYZL	2,3	AN	MER	S	BU	SS	S	2	10.0
URALMASH	UPCJ	18	AN	MER	S	BU	SS	S	1	10.0
URALSKIE GORY	UICM	3	AN	MER	S	BU	SS	S	3	18.0
URZHUM	UIFI	18	AN	MER	S	BU	SS	S	1	12.0
USSURIISK	UYIE	18	AN	MER	S	BU	SS	S	2	15.0
UST KAMCHATSK	URDK	1,14-16	AN	MER	S	BU	SS	S	1	8.0
UST TIGIL	UYXQ	1,14-16	AN	MER	S	BU	SS	S	1	8.0
USTYUZHNA	ULGK	18	AN	MER	S	BU	SS	S	2	12.0
UZBEKISTAN	UTCP	1,14-16	AN	MER	S	BU	SS	S	2	12.0
UZHGOROD	UIEV	18	AN	MER	S	BU	SS	S	2	16.0
V. PUTINTSEV	UVUG	18	AN	MER	S	BU	SS	S	2	22.0
V. SEROV	UYJR	3	AN	MER	S	BU	SS	S	2	15.0
V. SURIKOV	UYIG	3	AN	MER	S	BU	SS	S	2	15.0
V. VASNETSOV	UHCJ	1,14-16	AN	MER	S	BU	SS	S	2	15.0
V. VERESHCHAGIN	UHAZ	1,14-16	AN	MER	S	BU	SS	S	2	18.0
VAIGACH	UHBK	18	AN	MER	S	BU	SS	S	2	13.0
VALDAILES	UEBZ	18	AN	MER	S	BU	SS	S	2	12.0
VALENTIN KOTEL'NIKOV	UOOW	1,14	AN	MER	S	BU	SS	S	2	14.0
VALGA	UPHG	11	AN	MER	S	BU	SS	S	1	12.0
VALMIERA	YEDN	18	AN	MER	S	BU	SS	S	1	17.0

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VALYA KORTIK	UTSX	18	AN	MER	S	BU	SS	S	2	16.0
VAN DEIK	UIUL	3	AN	MER	S	BU	SS	S	2	14.0
VAN GOG	UIUM	2	AN	MER	S	BU	SS	S	2	4.0
VANINO	UYSF	18	AN	MER	S	BU	SS	S	2	10.0
VANKAREM	UVXE	18	AN	MER	S	BU	SS	S	2	16.0
VANTSETTI	YCAS	15-16	AN	MER	S	BU	SS	S	1	11.0
VARSHAVA	UWCF	18	AN	MER	S	BU	SS	S	2	18.0
VASILY BLYUKHER	USEG	18	AN	MER	S	BU	SS	S	2	22.0
VASILY PEROV	UYZY	1,14-15	AN	MER	S	BU	SS	S	2	15.0
VASILY POLENOV	USCW	3	AN	MER	S	BU	SS	S	2	14.0
VASILY POYARKOV	UJXA	1	AN	MER	S	BU	SS	S	2	12.0
VASYA ALEKSEEV	UUHJ	18	AN	MER	S	BU	SS	S	2	10.0
VASYA SHISHOVSKY	UUEQ	18	AN	MER	S	BU	SS	S	2	12.0
VASYLY PRONTCHICHEV	USQG	18	AN	MER	S	BU	SS	S	2	10.0
VATUTINO	UNSQ	18	AN	MER	S	BU	SS	S	2	17.0
VELIKIE LUKI	UBNR	18	AN	MER	S	BU	SS	S	2	15.0
VELIZH	UNSU	18	AN	MER	S	BU	SS	S	2	17.0
VELSK	UERJ	18	AN	MER	S	BU	SS	S	2	11.0
VEREYA	UKXG	18	AN	MER	S	BU	SS	S	2	17.0
VERHCIAANSKLES	UJBZ	18	AN	MER	S	BU	SS	S	2	13.0
VESTNIK	UTPN	15,16	AN	MER	S	BU	SS	S	2	4.0
VETER	UYGL	3	AN	MER	S	BU	SS	S	2	3.0
VETLUGALES	UIMW	18	AN	MER	S	BU	SS	S	2	12.0
VIBORSKAYA STORONA	UIWH	18	AN	MER	S	BU	SS	S	2	10.0
VIKTOR KINGISERP	USVG	3	AN	MER	S	BU	SS	S	2	14.0
VIKTOR LYAGIN	UYZX	3	AN	MER	S	BU	SS	S	2	15.0
VILIS LATSIS	UGCC	18	AN	MER	S	BU	SS	S	4	11.0
VILNYUS	UKBB	18	AN	MER	S	BU	SS	S	2	10.0
VILYUILES	UILO	18	AN	MER	S	BU	SS	S	2	13.0
VINNITSA	UKKO	18	AN	MER	S	BU	SS	S	2	16.0
VISSARION BELINSKY	UTPK	18	AN	MER	S	BU	SS	S	2	15.0
VITEBSK	UUMN	1,15,16	AN	MER	S	BU	SS	S	2	15.0
VITEBSK	UNFY	4,5,6,7	AN	MER	S	BU	SS	S	1	12.0
VITIM	UUXW	18	AN	MER	S	BU	SS	S	2	18.0

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VITUS BERING	USZO	3	AN	MER	S		BU	SS	S	2	15.0
VLADIMIR	UKRK	18	AN	MER	S		BU	SS	S	2	16.0
VOIKOV	UNHW	18	AN	MER	S		BU	SS	S	2	13.0
VOL'SK	UYJC	18	AN	MER	S		BU	SS	S	2	19.0
VOLOHANSK	UWTG	18	AN	MER	S		BU	SS	S	2	19.0
VOLGALES	UQIT	18	AN	MER	S		BU	SS	S	2	12.0
VOLGODON	URGM	18	AN	MER	S		BU	SS	S	2	16.0
VOLGODONSK	UNLE	5-7	AN	MER	S		BU	SS	S	1	7.0
VOLGOGRAD	UUKX	1,15,16	AN	MER	S		BU	SS	S	2	14.0
VOLKHOV	UUXS	18	AN	MER	S		BU	SS	S	2	15.0
VOLKHOVGES	UPXC	18	AN	MER	S		BU	SS	S	2	17.0
VOLNA	UFRA	1,14,16	AN	MER	S		BU	SS	S	1	5.0
VOLOCHAEVSK	UJDK	1,14-16	AN	MER	S		BU	SS	S	2	13.0
VOLDARSK	UKEY	1,14,15,16	AN	MER	S		BU	SS	S	1	13.0
VOLODARSK	UUXV	18	AN	MER	S		BU	SS	S	2	15.0
VOLOGDALES	UKNY	18	AN	MER	S		BU	SS	S	2	12.0
VOLTCHANSK	YBTG	18	AN	MER	S		BU	SS	S	2	22.0
VOLZHSK	UUAL	3	AN	MER	S		BU	SS	S	2	14.0
VOLZHSK	UNOY	18	AN	MER	S		BU	SS	S	2	15.0
VORKUTA	UGRK	18	AN	MER	S	P S	BU	SS	S	2	12.0
VORKUTA	URQI	4	AN	MER	S		BU	SS	S	2	15.0
VOSKHOD	UQMF	7	AN	MER	S	P S	BU	SS	S	1	7.0
VOSKHOD	UYGX	18	AN	MER	S		BU	SS	S	1	10.0
VOSKHCO	UNWZ	1,15-17	AN	MER	S		BU	SS	S	2	12.0
VOSKRESENSK	UVGY	18	AN	MER	S		BU	SS	S	2	15.0
VOSTOK	UHBH	18	AN	MER	S		BU	SS	S	2	13.0
VOSTOK 2	UHBE	18	AN	MER	S		BU	SS	S	2	13.0
VOSTOK 5	UHBF	18	AN	MER	S		BU	SS	S	2	15.0
VOSTOK 6	UHBG	18	AN	MER	S		BU	SS	S	2	13.0
VOZROZHDENIE	URGQ	5-7	AN	MER	S		BU	SS	S	1	7.0
VYATKA	UIHK	18	AN	MER	S		BU	SS	S	2	15.0
VYATKALES	UEPU	14-17	AN	MER	S		BU	SS	S	1	11.0
VYAZMA	UYCU	18	AN	MER	S		BU	SS	S	2	15.0
VYBORG	USHF	18	AN	MER	S		BU	SS	S	2	15.0

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VYCHEGDALES	UIVE	18	AN	MER	S		BU	SS		S	2	12.0
VYRU	UDYQ	3,10,11	AN	MER	S		BU	SS		S	1	16.0
VYSOKOGORSK	UUXU	18	AN	MER	S		BU	SS		S	2	19.0
VYTEGRA	UVFV	18	AN	MER	S		BU	SS		S	2	11.0
VYTEGRALES	UTDX	18	AN	MER	S		BU	SS		S	2	12.0
VZMORYE	UHBD	14-17	AN	MER	S		BU	SS		S	1	11.0
YAKOV SMUSHKEVICH	URPD	3	AN	MER	S		BU	SS		S	1	14.0
YAKUTSKLES	UJCU	18	AN	MER	S		BU	SS		S	2	11.0
YAMAL	UZNW	18	AN	MER	S		BU	SS		S	2	11.0
YAN ANVELT	UFCC	4,6,10,11	AN	MER	S		BU	SS		S	2	14.0
YANA	UVDJ	14-17	AN	MER	S		BU	SS		S	1	11.0
YANALES	UCRM	18	AN	MER	S		BU	SS		S	2	12.0
YARONIMAS UBOREVICHUS	USXC	3	AN	MER	S		BU	SS		S	1	12.0
YAROSLAVL	UILD	1,14-16	AN	MER	S		BU	SS		S	2	12.0
YAROSLAVL	UKEG	14,15,16 17	AN	MER	S		BU	SS		S	1	11.0
YAROSLAVL	UNEU	4	AN	MER	S		BU	SS		S	1	12.0
YUGLA	UHXR	18	AN	MER	S		BU	SS		S	2	14.0
YUNOST	UVIS	1,14-16	AN	MER	S	P S	BU	SS		S	2	12.0
YUNY LENINETS	UYCG	18	AN	MER	S		BU	SS		S	2	15.0
YURATE	UIHJ	11	AN	MER	S		BU	SS		S	1	4.0
YURY DOLGORUKY	UTCD	18	AN	MER	S	P S	BU	SS		S	4	20.0
YURY GAGARIN	URCO	18	AN	MER	S		BU	SS		S	2	15.0
YUZHNY BUG	UUDZ	18	AN	MER	S		BU	SS		S	1	22.0
ZAPADNAYA DVINA	UUFK	18	AN	MER	S		BU	SS		S	1	20.0
ZAPOLARIE	UHLW	18	AN	MER	S		BU	SS	S		2	14.0
ZAPOLYARNY	UISS	3	AN	MER	S		BU	SS		S	2	14.0
ZAPOLYARNY	UWUT	18	AN	MER	S		BU	SS		S	2	14.0
ZARNITSA	URYI	18	AN	MER	S		BU	SS		S	1	9.0
ZARUBINO	ESCD	18	AN	MER	S		BU	SS		S	2	12.0
ZAVOLSK	UNEW	4	AN	MER	S		BU	SS		S	1	12.0
ZELENOGORSK	UIRV	3	AN	MER	S		BU	SS		S	2	14.0
ZELENOGORSK	UUFG	1,14-16	AN	MER	S		BU	SS		S	2	13.0
ZENIT	UHXU	1,14-17	AN	MER	S		BU	SS		S	1	7.0

UNION OF SOVIET SOCIALIST REPUBLICS

ZEYALES	UJAD	1,14,15,16	AN	MER	S	BU	SS		S	1	9.0
ZHAN ZHORES	UCBL	12,13	AN	MER	S	BU	SS		S	1	13.0
ZHDANOV	UVGE	18	AN	MER	S	BU	SS		S	2	16.0
ZHIGULEVSK	UNFW	4	AN	MER	S	BU	SS		S	1	12.0
ZHITOMIR	UKKP	18	AN	MER	S	BU	SS		S	2	16.0
ZHUKOVSKY	UJQF	3	AN	MER	S	BU	SS		S	2	12.0
ZIGMAS ANGARETIS	UVUK	3	AN	MER	S	BU	SS		S	1	12.0
ZLATOUST	UNEV	4	AN	MER	S	BU	SS		S	1	12.0
ZODTOHY	ESIB	18	AN	MER	S	BU	SS	S		2	10.0
ZOLOTITSA	UZNX	18	AN	MER	S	BU	SS		S	2	11.0
ZOLOTOI ROG	ECQS	18	AN	MER	S	BU	SS		S	2	16.0
ZOYA KOSMODEMYANSKAYA	UPNF	4	AN	MER	S	BU	SS		S	1	13.0
ZVAIGZNE	URRN	18	AN	MER	S	BU	SS		S	2	11.0
ZVENIGOROD	UZCT	18	AN	MER	S	BU	SS		S	2	22.0
ZVEZDA	ULDA	3	AN	MER	S	BU	SS		S	1	7.0
15 SEZD VLKSM	UCRN	1,14-16	AN	MER	S	BU	SS		S	2	12.0

UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND

- 1 ANTARCTIC WHALING GROUNDS
- 2 AUSTRALASIA, VIA SUEZ
- 3 AUSTRALASIA, VIA SUEZ CR CAPE OR PANAMA
- 4 CABLE SHIPS EMPLOYED ON STATION, NO FIXED ROUTES
- 5 FAR EAST (INCLUDES CHINA, INDIA, MALAYA, PAKISTAN, JAPAN VIA MEDITERRANEAN AND SUEZ
- 6 FROM FALKLAND ISLANDS TO ANTARCTIC, OR UNITED KINGDOM
- 7 FROM NORTH AMERICA TO AUSTRALASIA
- 8 FROM UNITED KINGDOM OR NORTH AMERICA
- 9 GENERAL EUROPEAN TRADING, MAINLY NORTHERN EUROPE
- 10 GOVERNMENT SERVICE
- 11 MEDITERRANEAN
- 12 NEW ZEALAND TO WEST INDIES
- 13 NORTH ATLANTIC TO PORTS ON EAST COAST, OF NORTH AMERICA
- 14 PERSIAN GULF
- 15 SOUTH AFRICA
- 16 SOUTH AMERICA
- 17 TRAWLER
- 18 VIA SUEZ
- 19 WEST COAST OF NORTH AMERICA
- 20 WEST AFRICA
- 21 WEST INDIES
- 22 WESTERN SOUTH AMERICA, VIA PANAMA
- 23 WORLD-WIDE VOYAGES, NO FIXED ROUTE
- 24 RESEARCH

UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND

01.01.1970

Selected Ships

ACHILLES	MXGL	5	MER	MER	S	P S	BU	OS	TMS 2	16.0
ADELAIDE STAR	GKPB	3	MER	MER	S	P S	BU	OS	TMS 1	17.0
ADVENTURER	GFCE	21	MER	MER	S	P S	BU	OS	TMS 1	16.0
AFGHANISTAN	GVTS	13, 16	MER	MER	S	P S	BU	OS	MS 1	16.0
AJAX	GVBD	5	MER	MER	S	P S	BU	OS	TMS 1	16.0
AKAROA	GVVV		MER	MER	S	P S	BU	OS	TMS 1	19.0
ALARIC	GWRQ	3	MER	MER	S	P S	BU	OS	TMS 1	
ALAUNIA	GFQU	13	AN*	MER	S	P S	BU	OS	TMS 1	16.0
ALBANY	GTTL	14	MER	MER	S	P S	BU	OS	MS 1	16.0
ALBISTAN	MABT	14	MER	MER	S	P S	BU	OS	MS 1	15.0
ALBRIGHT EXPLORER	GYUC	13	AN	MER	S	P S	BU	OS	TMS 1	14.0
ALBRIGHT PIONEER	GUYD	13	AN*	MER	S	P S	BU	OS	TMS 1	14.0
ALERT	GHJW	4	MER	MER	S	P S	BU	SS	MS 1	16.0
ALINDA	GBZU	23	MER	MER	S	P S	BU	OS	TMS 1	5.0
AMALRIC	GHDT	12	MER	MER	S	P S	BU	OS	TMS 1	
AMASTRA	MYCK	23	MER	MER	S	P S	BU	OS	TMS 1	16.0
AMORIA	GCXU	23	MER	MER	S	P S	BU	OS	TMS 1	16.0
ANADARA	GCKA	23	AN*	MER	S	P S	BU	OS	MS 1	14.0
ANDES	GQCV	21, 11	MER	MER	S	P S	C	OS	TMS 4	23.0
ANNUITY	GHLK	9	AN	MER	S	P S	BU	OS	T	10.0
ARAGON	GVVT	16	MER	MER	S	P S	BU	OS	TMS 3	19.0
ARALUEN	GWBB	3	MER	MER	S	P S	BU	OS	TMS 1	14.0
ARAWA	GVVS	3	MER	MER	S	P S	BU	OS	TMS 3	22.0
ARGENTINA STAR	GTKF	16	MER	MER	S	P S	BU	OS	MS 1	18.0
ARGYLLSHIRE	GVBX	3	MER	MER	S	P S	BU	OS	TMS 1	14.0
ARMANISTAN	GPSH		AN*	MER	S	P S	BU	OS	TMS 1	16.0
ASPRELLA	GOKE	21	MER	MER	S	P S	BU	OS	TMS 1	15.0
ASTYANAX	GMSR	5	MER	MER	S	P S	BU	OS	TMS 2	16.0

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ATHELCREST	GWWX	23	MER	MER	S	P S	BU	OS	TMS 1	13.0
ATLANTIC CAUSEWAY	GZML		AN	MER	S	P S	BU	OS	TMS 1	25.0
AUCKLAND STAR	GJNU	3	MER	MER	S	P S	BU	OS	TMS 1	13.0
AUREOL	GMGJ	20	MER	MER	S	P S	BU	OS	TMS 1	20.0
AUSTRALIA STAR	GQYU	2	MER	MER	S	P S	BU	OS	TMS 1	15.0
AUSTRALIND	GHMJ	3, 5	MER	MER	S	P S	BU	OS	TMS 1	16.0
AUTHOR	GXSJ	15	MER	MER	S	P S	BU	OS	TMS 1	16.0
BAHARISTAN	GBOU	14	MER	MER	S	P S	BU	OS	TMS 1	16.0
BALTIC SUN	GHZL	9	AN	MER	S	P S	BU	OS	TMS 1	14.0
BALTISTAN	GQSV	14	MER	MER	S	P S	BU	OS	TMS 2	14.0
BAMBURGH CASTLE	GCRE	13, 11	MER	MER	S	P S	BU	OS	TMS 1	16.0
BANKURA	GWLC	5	MER	MER	S	P S	BU	OS	TMS 1	
BARON CAWDOR	GXQE	23	MER	MER	S	P S	BU	OS	TMS 1	17.0
BARRISTER	MSFP	21, 15	MER	MER	S	P S	BU	OS	TMS 1	17.0
BEAVERBANK	MQCG	23	MER	MER	S	P S	BU	OS	MS 1	14.0
BEAVERELM	GKPA	13	AN*	MER	S	P S	BU	OS	TMS 1	16.0
BEAVERFIR	GHQG	13	AN	MER	S	P S	BU	OS	TMS 1	13.0
BEAVEROAK	GRNE	13	AN*	MER	S	P S	BU	OS	TMS 1	13.0
BEAVERPINE	GJTA	13	AN*	MER	S	P S	BU	OS	TMS 1	14.0
BEECHWOOD	GGMH	13	MER	MER	S	P S	BU	OS	TMS 1	20.0
BENALBANACH	GWXE	5	AN*	MER	S	P S	BU	OS	TMS 1	14.0
BENALLIGIN	GBZC	5	MER	MER	S	P S	BU	OS	TMS 2	16.0
BENARMIN	GMFH	5	MER	MER	S	P S	BU	OS	TMS 1	13.0
BENARTY	GKGH	5	MER	MER	S	P S	BU	OS	TMS 1	16.0
BENATTOW	GKPF	5	MER	MER	S	P S	BU	OS	TMS 1	16.0
BENCLEUCH	GBKR	5	MER	MER	S	P S	BU	OS	TMS 1	14.0
BENCRUACHAN	GYNP	5	AN	MER	S	P S	BU	OS	TMS 1	22.0
BENHOPE	GJZD	5	MER	MER	S	P S	BU	OS	TMS 1	15.0
BENKITLAN	GBZT	5	MER	MER	S	P S	BU	OS	TMS 1	16.0
BENLOMOND	MXKR	5	MER	MER	S	P S	BU	OS	TMS 1	19.0
BENRECOH	GPVB	5	MER	MER	S	P S	BU	OS	TMS 1	17.0

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BENRINNES	GFNC	5	MER	MER	S	P S	BU	OS	TMS 1	16.0
BHAMO	GVJF	5	MER	MER	S	P S	BU	OS	TMS 1	16.0
BLACK PRINCE	GSWL	11	MER	MER	S	P S	BU	OS	MS 1	11.0
BOMBALA	GWLJ	2	MER	MER	S	P S	BU	OS	TMS 1	
BOOKER VANGUARD	MHEM	16	AN*	MER	S	P S	BU	OS	MS 1	16.0
BOOKER VENTURE	GHPB	21	AN*	MER	S	P S	BU	OS	TMS 1	16.0
BORDER CASTLE	GGRH	23	MER	MER	S	P S	BU	OS	TMS 1	
BRANDON PRIORY	GFPE	14	MER	MER	S	P S	BU	OS	TMS 1	17.0
BRASIL STAR	GTLF	16	MER	MER	S	P S	BU	OS	MS 1	17.0
BRIGHTON	GHCM	22, 5	MER	MER	S	P S	BU	OS	MS 1	16.0
BRISTOL CITY	GDHN	13	AN*	MER	S	P S	BU	OS	TMS 1	16.0
BRITISH AMBASSADOR	GXLK	23	MER	MER	S	P S	BU	OS	TMS 1	18.0
BRITISH BOMBARDIER	GIAH	14	MER	MER	S	P S	BU	OS	TMS 1	15.0
BRITISH CONFIDENCE	GPXA	14	MER	MER	S	P S	BU	OS	TMS 1	
BRITISH FREEDOM	GFCB	14	MER	MER	S	P S	BU	OS	MS 1	16.0
BRITISH OAK	MPKQ	14	MER	MER	S	P S	BU	OS	MS 1	16.0
BRITISH RESOURCE	GFGD	14, 23	MER	MER	S	P S	BU	OS	MS 1	14.0
BRITISH SAILOR	MPLJ	14, 23	MER	MER	S	P S	BU	OS	MS 1	14.0
BRITISH SPLENDOR	GCJT	14, 23	MER	MER	S	P S	BU	OS	MS 1	16.0
BRITISH TRUST	GCHD	23	MER	MER	S	P S	BU	OS	TMS 1	16.0
BUCCLEUCH	GPZA	23	MER	MER	S	P S	BU	OS	TMS 1	
BULIMBA	GWKS	14, 2	MER	MER	S	P S	BU	OS	TMS 1	
CALCHAS	GMSS	5	MER*	MER	S	P S	BU	OS	MS 1	17.0
CALIFORNIA STAR	GKKM	19	AN*	MER	S	P S	BU	OS	TMS 1	16.0
CAMITO	GVNW	21	MER	MER	S	P S	BU	OS	TMS 2	16.0
CANADIAN STAR	GVYG	19	MER	MER	S	P S	BU	OS	TMS 1	15.0
CANNANORE	MCLD	5	MER	MER	S	P S	BU	OS	TMS 1	14.0
CANOPIC	GSWK	3	MER	MER	S	P S	BU	OS	TMS 1	14.0
CANTERBURY STAR	GHBT	12	MER	MER	S	P S	BU	OS	MS 1	
CAPE CLEAR	GVQU	23	MER	MER	S	P S	BU	OS	TMS 1	15.0
CAPE FRANKLIN	GCNH	19	MER	MER	S	P S	BU	OS	TMS 1	16.0

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CAPE HOWE	GJZH	7,16	MER	MER	S	P S	BU	OS	TMS 2	16.0
CAPE NELSON	GHNJ	20,16	MER	MER	S	P S	BU	OS	TMS 2	16.0
CAPE YORK	GZDC	5	MER	MER	S	P S	BU	OS	TMS 2	
CARDIFF CITY	GJWN	19	MER	MER	S	P S	BU	OS	TMS 1	11.0
CARDIGANSHIRE	GGCM	5	MER	MER	S	P S	BU	OS	TMS 1	16.0
CARMANIA	GSJS	20	MER	MER	S	P S	C	OS	TMS 3	22.0
CEDRIC	GPRG	3	MER	MER	S	P S	BU	OS	TMS 1	13.0
CERAMIC	GFLM	3	MER	MER	S	P S	BU	OS	TMS 2	6.0
CHAKLA	MSDN	23	MER	MER	S	P S	BU	OS	MS 1	14.0
CHANTALA	GQMR	20,15	MER	MER	S	P S	BU	OS	MS 1	16.0
CHERRYWOOD	GXRK		AN	MER	S	P S	BU	OS	TMS 1	15.0
CHEVIOT	GHMK	13,16,20	MER	MER	S	P S	BU	OS	TMS 1	16.0
CHICANOA	GAFX	13	MER	MER	S	P S	BU	OS	MS 1	16.0
CHINDWARA	GFRT	5	MER	MER	S	P S	BU	OS	MS 1	16.0
CITY OF BEDFORD	GDLK	5	MER	MER	S	P S	BU	OS	MS 1	
CITY OF BIRMINGHAM	GZLR	5	MER	MER	S	P S	BU	OS	TMS 1	15.0
CITY OF BRISBANE	GDLM	5,2	MER	MER	S	P S	BU	OS	MS 1	12.0
CITY OF CANBERRA	GHTQ	19	MER	MER	S	P S	BU	OS	MS 1	14.0
CITY OF CAPE TOWN	GBLE	15	MER	MER	S	P S	BU	OS	MS 1	15.0
CITY OF CHESTER	MAHN	23	MER	MER	S	P S	BU	OS	TMS 1	15.0
CITY OF EASTBOURNE	GHNU	15	MER	MER	S	P S	BU	OS	TMS 1	17.0
CITY OF GLASGOW	GIAY	5	MER	MER	S	P S	BU	OS	MS 1	15.0
CITY OF GUILDFORD	GBXR	15	MER	MER	S	P S	BU	OS	MS 1	12.0
CITY OF KARACHI	GDVD	23	MER	MER	S	P S	BU	OS	TMS 1	14.0
CITY OF MANCHESTER	GZLD	5	MER	MER	S	P S	BU	OS	TMS 1	15.0
CITY OF OTTAWA	GZGB	15	AN*	MER	S	P S	BU	OS	MS 1	16.0
CITY OF OXFORD	GZMN	15	MER	MER	S	P S	BU	OS	MS 1	15.0
CITY OF WELLINGTON	GVPC	5	MER	MER	S	P S	BU	OS	TMS 1	17.0
CITY OF WINCHESTER	GDTY	13,3	MER	MER	S	P S	BU	OS	TM 1	15.0
CLAN ALPINE	GTYH	15	MER	MER	S	P S	BU	OS	TMS 1	16.0

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CLAN MACDONALD	GCPG	15,18	MER	MER	S	P S	BU	OS	MS	1	16.0
CLAN MACDOUGALL	GBFQ	5,2	MER	MER	S	P S	BU	OS	MS	1	17.0
CLAN MACGILLIVRAY	GIGY	5	MER	MER	S	P S	BU	OS	MS	1	19.0
CLAN MACGREGOR	GKWU	15	MER	MER	S	P S	BU	OS	MS	1	14.0
CLAN MACILWRAITH	GHDL	5,15	MER	MER	S	P S	BU	OS	MS	1	16.0
CLAN MACINDOE	GFLH	15,5	MER	MER	S	P S	BU	OS	TMS	1	16.0
CLAN MACLAREN	GSSC	5,2	MER	MER	S	P S	BU	OS	TMS	1	16.0
CLAN MACLAY	GSTB	5,15	MER	MER	S	P S	BU	OS	TMS	1	16.0
CLAN MACLEAN	GSWX	5,15	MER	MER	S	P S	BU	OS	TMS	1	14.0
CLAN MACLENNAN	GSYP	15	AN	MER	S	P S	BU	OS	TMS	1	
CLAN MACNAB	GHJH	5,13	MER	MER	S	P S	BU	OS	TMS	1	16.0
CLAN MACNAIR	GHTR	5	AN*	MER	S	P S	BU	OS	MS	2	16.0
CLAN MACTAVISH	GUBB	5,2	MER	MER	S	P S	BU	OS	TMS	1	16.0
CLAN MALCOLM	GBWQ	5	MER	MER	S	P S	BU	OS	TMS	1	16.0
CLAN MATHESON	GVWP	5	MER	MER	S	P S	BU	OS	TMS	1	16.0
CLAN MCLEOD	GSEC	15,5	MER	MER	S	P S	BU	OS	TMS	2	10.0
CLAN RAMSEY	GMUZ	15	AN*	MER	S	P S	BU	OS	TMS	1	17.0
CLAN ROBERTSON	GMVE		AN*	MER	S	P S	BU	OS	TMS	1	
CLAN SUTHERLAND	GFWZ	20,5	MER	MER	S	P S	BU	OS	TMS	1	14.0
CLARKEDEN	GXPB	13	MER	MER	S	P S	BU	OS	TMS	1	
CLIONE	GHJY	24	AN*	MER	S	P S	BU	OS	T		5.0
COLORADO STAR	GPGN	19	AN*	MER	S	P S	BU	OS	TMS	1	16.0
CONON FOREST	GYWT	23	AN*	MER	S	P S	BU	OS	TMS	1	
CORELLA	GWMA	24	AN*	MER	S	P S	BU	OS	T		8.0
CORINTHIO	GZYL	3	MER	MER	S	P S	BU	OS	TMS	2	14.0
COTOPAXI	GQNX	22	MER	MER	S	P S	BU	OS	TMS	1	16.0
COTSWOLD	GPZE	23	MER	MER	S	P S	BU	OS	TMS	1	
COVENTRY CITY	GQRE	13	MER*	MER	S	P S	BU	OS	TMS	1	17.0
CRAIGALLIAN	GDTH	13	MER	MER	S	P S	BU	OS	TMS	1	
CRETIC	GTFP	3	MER	MER	S	P S	BU	OS	TMS	1	16.0
CRINAN	GFZH	20,11	MER	MER	S	P S	BU	OS	TMS	1	17.0

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CROFTER	MNGX	21,23	AN*	MER	S	P S	BU	OS		TMS 1	13.0
CRYSTAL CROWN	GURY	21	MER	MER	S	P S	BU	OS		TMS 1	15.0
CRYSTAL DIAMOND	MXJJ	21	MER	MER	S	P S	BU	OS		TMS 1	13.0
CRYSTAL GEM	GV CX	21	AN*	MER	S	P S	BU	OS		TMS 1	13.0
CRYSTAL SAPHIRE	GFHN	21	AN*	MER	S	P S	BU	OS		TMS 1	14.0
CUMBERLAND	GP PY	3,7	MER	MER	S	P S	BU	OS		TMS 1	16.0
CYCLOPS	GMQD	5	MER	MER	S	P S	BU	OS		TMS 1	16.0
CYMRIC	GQCK	2	MER	MER	S	P S	BU	OS		TMS 1	16.0
DAGHESTAN	GGQU	13	MER	MER	S	P S	BU	OS		TMS 1	15.0
DALESMAN	GHMR	21	MER	MER	S	P S	BU	OS		TMS 1	16.0
DALHANNA	GXKP	13	MER	MER	S	P S	BU	OS		TMS 1	
DELPHIC	MBLQ	3	MER	MER	S	P S	BU	OS		TMS 1	15.0
DEMODOCUS	GTCW	5	MER	MER	S	P S	BU	OS		TMS 1	15.0
DEVON	GDRF	2	MER	MER	S	P S	BU	OS		MS 1	14.0
DEVON CITY	GFDA	23	MER	MER	S	P S	BU	OS		MS 2	16.0
DIOMEC	GVBC	5	MER	MER	S	P S	BU	OS		TMS 2	15.0
DISCOVERY	GLNE	24	AN*	ELE	S	P S	BU	OS	A	TMS 1	14.0
DONEGAL	MXGB	3,5	MER	MER	S	P S	BU	OS		TMS 1	16.0
DORSET	GZFO	3,7	MER	MER	S	P S	BU	OS		TMS 2	16.0
DUHALLOW	GPZH	13	MER	MER	S	P S	BU	OS		TMS 1	
DUKESGARTH	GHNY	13,16	MER	MER	S	P S	BU	OS		MS 1	13.0
DUNACO	GVBF	13	MER	MER	S	P S	BU	OS		TMS 2	16.0
DUNCRAIG	GVJY	20	MER	MER	S	P S	BU	OS		TMS 1	14.0
EDEN	MTMK	31	MER	MER	S	P S	BU	OS		MS 1	16.0
EDENMORE	MXKW	13,16	AN*	MER	S	P S	BU	OS		TMS 1	16.0
EDINBURGH CASTLE	GCHN	15	MER	MER	S	P S	C	OS		TMS 3	20.0
EDWARD WILSHAW	MBMP	4	MER	MER	S	P S	BU	OS		TMS 3	9.0
EGTON	GJPN	13	MER	MER	S	P S	BU	OS		TMS 1	16.0
ELIZABETH BOWATER	GXFL	13	MER	MER	S	P S	BU	OS		TMS 1	10.0
ELMBANK	GFSU	23	MER	MER	S	P S	BU	OS		MS 1	13.0
EMPIRE STAR	GCDP	3	MER	MER	S	P S	BU	OS		TMS 1	16.0

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EMPRESS OF ENGLAND	GVSF	13	MER	MER	S	P S	C	OS		TMS 6	23.0
ENGLISH STAR	MFSS	3	MER	MER	S	P S	BU	OS		MS 1	14.0
ERNEST HOLT	GFXD	24	AN*	MER	S	P S	BU	OS	ST	TMS 1	5.0
ESSEX	GMML	3, 7	MER	MER	S	P S	BU	OS		TMS 1	17.0
ESSO HAMPSHIRE	GHZS	23	MER	MER	S	P S	BU	OS		TMS 1	16.0
ESSO PEMBROKESHIRE	GHQM	14	MER	MER	S	P S	BU	OS		TMS 1	18.0
ESSO WARWICKSHIRE	GJVE	14	MER	MER	S	P S	BU	OS		TMS 1	17.0
ESSO YORK	GSTT	14	MER	MER	S	P S	BU	OS		TMS 1	11.0
EUCADIA	GHQE		MER	MER	S	P S	BU	OS		TMS 1	
EXPLORER	GHHW	23	MER	MER	S	P S	BU	OS		TMS 1	16.0
EXPLORER	MLBG	24	AN*	MER	S	P S	BU	OS		TMS 1	10.0
FARSISTAN	GCXH	14	MER	MER	S	P S	BU	OS		TMS 2	16.0
FINNAMORE MEADOW	GHVF	13	AN*	MER	S	P S	BU	OS		MS 1	16.0
FIRBANK	GVLS	23	MER	MER	S	P S	BU	OS		MS 1	16.0
FLINTSHIRE	GJJU	5	MER	MER	S	P S	BU	OS		TMS 2	18.0
FLORISTAN	GNFH	14	MER	MER	S	P S	BU	OS		TMS 1	17.0
FORELAND	GWQE	13	MER	MER	S	P S	BU	OS		TMS 1	
FORTHFIELD	GTBJ	23	MER	MER	S	P S	BU	OS		TMS 1	15.0
FOURAH BAY	GHVU	20	MER	MER	S	P S	BU	OS		MS 1	16.0
FRANCONIA	GTKX	13	MER	MER	S	P S	C	OS		TMS 3	22.0
FREEMANTLE STAR	GXSK	19	AN*	MER	S	P S	BU	OS		TMS 1	16.0
GALWAY	MKZJ	3	MER	MER	S	P S	BU	OS		TMS 1	13.0
GEESTBAY	GMCJ	21	AN*	MER	S	P S	BU	OS		TMS 1	17.0
GEESTCAPE	GSCH	21	AN*	MER	S	P S	BU	OS		TMS 1	16.0
GEESTHAVEN	GTNE	21	AN*	MER	S	P S	BU	OS		TMS 1	17.0
GEESTPORT	GMCK	21	AN*	MER	S	P S	BU	OS		TMS 1	16.0
GEORGINA V EVERARD	GSTZ	9	AN*	MER	S	P S	BU	OS		TMS 1	10.0
GLADYS BOWATER	GBBE	13	AN*	MER	S	P S	BU	OS		TMS 1	10.0
GLENAFFRIC	GNZG	5	MER	MER	S	P S	BU	OS		TMS 2	15.0
GLENALMOND	GRWE	5	MER	MER	S	P S	C	OS		TMS 1	22.0
GLENEARN	GPGC	5	MER	MER	S	P S	BU	OS		MS 2	14.0

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GLENFALLCOH	GJKA	5	MER	MER	S	P S	BU	OS	TMS 2	17.0
GLENFINLAS	GRWH	5	MER*	MER	S	P S	BU	OS	TMS 1	19.0
GLENGARRY	GNCS	5	MER	MER	S	P S	BU	OS	TMS 2	15.0
GLENGYLE	GBMZ	5	MER	MER	S	P S	BU	OS	TMS 2	15.0
GLENLYON	GJKE	5	MER	MER	S	P S	BU	OS	TMS 2	19.0
GLENMOOR	GQDG	23	MER	MER	S	P S	BU	OS	TMS 1	14.0
GLENOGLE	GJKH	5	MER	MER	S	P S	BU	OS	TMS 2	16.0
GLENCRCHY	GBLL	5	MER	MER	S	P S	BU	OS	TMS 1	14.0
GLOUCESTERSHIRE	GFRC	5	MER	MER	S	P S	BU	OS	TMS 1	14.0
GLOXINIA	GXMP	23	MER	MER	S	P S	BU	OS	TMS 1	14.0
GOLFITO	GBYL	21	MER	MER	S	P S	BU	OS	TMS 1	14.0
GOOD HOPE CASTLE	GNQH	15	AN*	MER	S	P S	C	OS	TMS 1	16.0
GORJISTAN	GHQC	14	MER	MER	S	P S	BU	OS	TMS 1	16.0
GOTHLAND	GHQQ	22	MER	MER	S	P S	BU	OS	TMS 1	16.0
GOVERNOR	GPSX	15, 21	MER	MER	S	P S	BU	OS	TMS 1	16.0
HALIFAX CITY	GNCA	13	AN*	MER	S	P S	BU	OS	TMS 1	16.0
HAPARANGI	GJYX	3	MER	MER	S	P S	BU	OS	TMS 1	16.0
HAURAKI	GJLV	3	MER	MER	S	P S	BU	OS	TMS 1	16.0
HAZELMOOR	GRDF	13	MER	MER	S	P S	BU	OS	TMS 1	14.0
HECTOR	GBNK	2	MER	MER	S	P S	BU	OS	TMS 1	19.0
HECTOR HERON	GBZH	14	MER	MER	S	P S	BU	OS	TMS 1	13.0
HELENUS	GBTM	3	MER	MER	S	P S	BU	OS	MS 1	16.0
HELISOMA	GVST	23	MER	MER	S	P S	BU	OS	MS 1	14.0
HEMIMACTRA	MWNG	23	MER	MER	S	P S	BU	OS	TMS 2	16.0
HERTFORD	GKNW	3, 7	MER	MER	S	P S	BU	OS	TMS 1	17.0
HIMALAYA	GBCK	5, 2	MER	MER	S	P S	BU	OS	TMS 4	27.0
HINAKURA	GDVS	3	MER	MER	S	P S	BU	OS	TMS 1	16.0
HINEA	GTXL	23	MER	MER	S	P S	BU	OS	MS 1	13.0
HISTORIAN	GYRD	15	MER	MER	S	P S	BU	OS	TMS 1	16.0
HOROMOYA	GVLL	23	MER	MER	S	P S	BU	OS	TMS 1	16.0
HOWRA	GNLF	5	MER	MER	S	P S	BU	OS	TMS 1	16.0

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HUMILARIA	GXCZ	23	MER	MER	S	P S	BU	OS	TMS 1	11.0
HUNTINGDON	GFCT	3	MER	MER	S	P S	BU	OS	TMS 2	16.0
HUNTSLAND	GSKS	21, 5	MER	MER	S	P S	BU	OS	TMS 1	13.0
HURUNUI	GJZF	3	MER	MER	S	P S	BU	OS	MS 2	16.0
HYALA	GTCF	21	MER	MER	S	P S	BU	OS	MS 1	17.0
IBERIC	GHLB	3	MER	MER	S	P S	BU	OS	TMS 1	16.0
ICENIC	GHHH	3	MER	MER	S	P S	BU	OS	TMS 1	15.0
ILLYRIC	GFHG	3	MER	MER	S	P S	BU	OS	MS 1	14.0
IMPERIAL STAR	GIAC	3	MER	MER	S	P S	BU	OS	TMS 1	17.0
INGLETON	GHFD	3	MER	MER	S	P S	BU	OS	TMS 1	16.0
INVERBANK	GHRJ	21	MER	MER	S	P S	BU	OS	TMS 1	16.0
IONIC	GXSB	3	MER	MER	S	P S	BU	OS	TMS 1	16.0
IRON BARQUE	MXKC	13, 16	MER	MER	S	P S	BU	OS	TMS 1	14.0
IRON CROWN	MXKF	13	MER	MER	S	P S	BU	OS	TMS 1	14.0
IRON HORSE	MXKD	13	MER	MER	S	P S	BU	OS	TMS 1	16.0
IVERNIA	GMHN	13	AN*	MER	S	P S	BU	OS	TMS 1	16.0
IXION	MLLB	2	MER	MER	S	P S	BU	OS	TMS 2	17.0
JAMAICA PLANTER	VRRP	21	MER	MER	S	P S	BU	OS	TMS 1	14.0
JAMAICA PRODUCER	VRRS	21	MER	MER	S	P S	BU	OS	TMS 1	14.0
JASON	GBMW	2	MER	MER	S	P S	BU	OS	TMS 2	14.0
JELUNGA	MPBK		MER	MER	S	P S	BU	OS	TMS 1	15.0
JOHN BISCOE	ZDLB	6	MER	MER	S	P S	BU	OS	MS 1	13.0
JOHN MURRAY	GMNH	24	AN*	MER	S	P S	BU	OS	T	8.0
JUMNA	GJXE	5	MER	MER	S	P S	BU	OS	MS 1	16.0
JUWARA	MMSQ	3	MER	MER	S	P S	BU	OS	TMS 1	16.0
KARAGHISTAN	GXBV	14	MER	MER	S	P S	BU	OS	MS 1	15.0
KENUTA	GCBW	22	MER	MER	S	P S	BU	OS	TMS 1	17.0
KING ARTHUR	GQKX	23	MER	MER	S	P S	BU	OS	TMS 1	12.0
KING GEORGE	GWTW	14	MER	MER	S	P S	BU	OS	TMS 1	16.0
KING MALCOLM	GNWT	23	MER	MER	S	P S	BU	OS	TMS 1	11.0
KINNAIRD CASTLE	GJPU	15	MER	MER	S	P S	BU	OS	MS 1	14.0

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KOHISTAN	GHGV	14,5	MER	MER	S	P S	BU	OS	TMS 2	15.0
LAGANBANK	GTNN	23	MER	MER	S	P S	BU	OS	MS 1	14.0
LAKSA	GHCJ	9	AN*	MER	S	P S	BU	OS	T	11.0
LANDWADE	GHNK	14	MER	MER	S	P S	BU	OS	TMS	
LINDISFARNE	GHCA	9,16	MER	MER	S	P S	BU	OS	TMS 1	16.0
LOCH GOWAN	MMJT	19	MER	MER	S	P S	BU	OS	TMS 2	16.0
LOCH LOYAL	GTPP	19	MER	MER	S	P S	BU	OS	TMS 2	19.0
LOCH RYAN	GXBN	19	AN*	MER	S	P S	BU	OS	TMS 1	14.0
LOGNA	MYPQ	9	AN*	MER	S	P S	BU	OS	T	10.0
LOMBARDY	GXQG	13	MER	MER	S	P S	BU	OS	TMS 1	16.0
LONGSTONE	GHHU	13,16,20	MER	MER	S	P S	BU	OS	TMS 1	14.0
LORD STRATHCONA	ZCVW	23	AN*	MER	S	P S	BU	OS	TMS 1	24.0
MABEL WARWICK	GGZE	13,16	MER	MER	S	P S	BU	OS	TMS 1	16.0
MACHAON	MXGN		MER	MER	S	P S	BU	OS	TMS 1	16.0
MACHAROA	GFQH		AN	MER	S	P S	BU	OS	TMS 1	18.0
MAHCUT	GHZU	5	AN*	MER	S	P S	BU	OS	TMS 1	16.0
MAHSEER	GZSV	5,13	MER	MER	S	P S	BU	OS	TMS 1	16.0
MAKRANA	GWWV	6	MER	MER	S	P S	BU	OS	TMS 2	16.0
MANAPCURI	GWLU									
MANCHESTER CHALLENGE	GVUT	13	AN*	MER	S	P S	BU	OS	TMS 1	17.0
MANCHESTER CITY	GNKA	13	AN*	MER	S	P S	BU	OS	TMS 1	
MANCHESTER COMMERCE	GMDE	13	AN*	MER	S	P S	BU	OS	TMS 1	18.0
MANCHESTER CONCORDE	GYUX	13	AN*	MER	S	P S	BU	OS	TMS 1	19.0
MANCHESTER COUPAGE	GYUY	13	AN*	MER	S	P S	BU	OS	TMS	18.0
MANCHESTER FAITH	GBHN	13	MER*	MER	S	P S	BU	OS	TMS 1	13.0
MANCHESTER FAME	GDWU	13	AN*	MER	S	P S	BU	OS	TMS 1	13.0
MANCHESTER MILLER	MAMW	13	AN*	MER	S	P S	BU	OS	TMS 1	14.0
MANCHESTER PORT	GSKA	13	AN*	MER	S	P S	BU	OS	TMS 1	14.0
MANCHESTER PROGRESS	GTTH	13	AN*	MER	S	P S	BU	OS	TMS 1	19.0
MANCHESTER RENOWN	GMCU	13	AN*	MER	S	P S	BU	OS	TMS 1	15.0
MARABANK	GHRK	23	MER	MER	S	P S	BU	OS	TMS 1	15.0

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MARON	GXGS	5	MER	MER	S	P S	BU	OS	TMS 2	16.0
MATAURA	GWLH	3	MER	MER	S	P S	BU	OS	TMS 1	19.0
MAWANA	GWVZ	5	MER	MER	S	P S	BU	OS	TMS 1	16.0
MECANTIC	GKGY	3	MER	MER	S	P S	BU	OS	TMS 1	16.0
MEDIA	GMPH	13	AN*	MER	S	P S	BU	OS	MS 1	19.0
MELAMPUS	GXLY	5	MER	MER	S	P S	BU	OS	TMS 1	16.0
MELBOURNE STAR	GDFZ	3	MER	MER	S	P S	BU	OS	TMS 1	17.0
MENESTHEUS	GVYL	5	MER	MER	S	P S	BU	OS	TMS 1	16.0
MERCURY	GKXH	4	MER	MER	S	P S	BU	OS	TMS 3	16.0
MONARCH	GBDF	4	MER	MER	S	P S	BU	OS	TMS 3	14.0
MONTREAL CITY	GKGU	13	AN*	MER	S	P S	BU	OS	TMS 1	16.0
MYSTIC	GBTH	3	MER	MER	S	P S	BU	OS	TMS 1	15.0
NARDANA	MNDW	14	MER	MER	S	P S	BU	OS	TMS 1	
NELEUS	GPXQ	2	MER	MER	S	P S	BU	OS	MS 1	16.0
NEVASA	GPQV	9, 11	MER	MER	S	P S	BU	OS	MS 3	20.0
NEW ZEALAND STAR	GXHU	3	AN*	MER	S	P S	BU	OS	TMS 1	15.0
NEWCASTLE STAR	GVRs	3	MER	MER	S	P S	BU	OS	TMS 1	16.0
NEWFOUNDLAND	GFPg	13	AN*	MER	S	P S	BU	OS	TMS 1	17.0
NINA BOWATER	GHKJ	13	MER	MER	S	P S	BU	OS	TMS 1	12.0
NORTHERN STAR	GHZB	3	AN*	MER	S	P S	BU	OS	TMS 5	26.0
NORTHUMBERLAND	GQFX	3	MER	MER	S	P S	BU	OS	TMS 2	16.0
NOTTINGHAM	GCNC	3	MER	MER	S	P S	BU	OS	TMS 1	16.0
NOVA SCOTIA	GLCE	13	AN*	MER	S	P S	BU	OS	TMS 1	15.0
NURMAHAL	GcYU	23	MER	MER	S	P S	BU	OS	TMS 1	
OBUASI	GMLQ	13, 20	MER	MER	S	P S	BU	OS	TMS 1	16.0
ORCADES	MABA	2	MER	MER	S	P S	C	OS	TMS 5	26.0
ORCOMA	GRYX	16	MER	MER	S	P S	BU	OS	TMS 1	16.0
ORITA	GVVL		MER	MER	S	P S	BU	OS	TMS 1	16.0
OROPESA	GVXW		MER	MER	S	P S	BU	OS	TMS 1	15.0
OROYA	GVPT		MER	MER	S	P S	BU	OS	TMS 1	15.0
ORSINC	GSJA	10	AN*	ELE	S	P S	BU	OS STA	TMS 3	10.0

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ORSOVA	GNDL	2,7	MER	MER	S	P S	C	OS	TMS 5	26.0
OTAI0	GXGB	3	MER	MER	S	P S	BU	OS	TMS 2	16.0
OTAKI	GPBJ	3,7	MER	MER	S	P S	BU	OS	TMS 2	19.0
PACIFIC NORTHWEST	GQCP	19	AN*	MER	S	P S	BU	OS	TMS 1	17.0
PACIFIC RELIANCE	GMJK	19	AN*	MER	S	P S	BU	OS	MS 1	16.0
PACIFIC STRONGHOLD	GXGF	19	MER	MER	S	P S	BU	OS	TMS 1	16.0
PANDO CAPE	MSFN	5	MER	MER	S	P S	BU	OS	TMS 1	17.0
PANDO HEAD	MAYJ	5	AN*	MER	S	P S	BU	OS	TMS 1	17.0
PANDO POINT	GTBX	5	MER	MER	S	P S	BU	OS	TMS 1	16.0
PANDO SOUND	MSGF	5	MER	MER	S	P S	BU	OS	TMS 1	16.0
PANDO STRAIT	GPGQ	5	MER	MER	S	P S	BU	OS	TMS 1	16.0
PAPARCA	GBCZ	3	MER	MER	S	P S	BU	OS	TMS 2	16.0
PARTHIA	GMHQ	13	AN*	MER	S	P S	BU	OS	TMS 1	16.0
PATONGA	GQWV	3	MER	MER	S	P S	BU	OS	MS 1	15.0
PATROOLLS	GMSL	5	MER	MER	S	P S	BU	OS	TMS 1	17.0
PEGU	GHBR	5	MER	MER	S	P S	BU	OS	TMS 1	16.0
PEISANDER	GFFU	5	AN*	MER	S	P S	BU	OS	MS 1	17.0
PELEUS	GMQP	5	MER	MER	S	P S	BU	OS	MS 2	16.0
PEMBROKESHIRE	GRWU		MER	MER	S	P S	BU	OS	TMS 1	19.0
PENDENNIS CASTLE	GTPX	15	MER	MER	S	P S	C	OS	TMS 4	23.0
PENNYWORTH	GXPQ	13,16	MER	MER	S	P S	BU	OS	TMS 1	14.0
PERSEUS	GMSQ	5	MER	MER	S	P S	BU	OS	TMS 2	16.0
PHOTINA	GHLR	13	MER	MER	S	P S	BU	OS	MS 1	17.0
PIAKO	GHVJ	2,7	MER	MER	S	P S	BU	OS	MS 2	16.0
PICAROY	MWCB	21	MER	MER	S	P S	BU	OS	TMS 1	16.0
PIPIRIKI	GDRQ	3	MER	MER	S	P S	BU	OS	TMS 1	18.0
PIZARRO	GQNY	22	MER	MER	S	P S	BU	OS	TMS 1	17.0
PLAGIOLA	GTMC	13	MER	MER	S	P S	BU	OS	TMS 1	
PLATIDIA	GTKY	21	MER	MER	S	P S	BU	OS	TMS 1	
PORT ADELAIDE	MGCG	3,7	MER	MER	S	P S	BU	OS	TMS 1	16.0
PORT AUCKLAND	GWRB	3,7	MER	MER	S	P S	BU	OS	TMS 1	15.0

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PORT BRISBANE	GWRC	3,7	MER	MER	S	P S	BU	OS	TMS 1	16.0
PORT BURNIE	GRDA	3	MER	MER	S	P S	BU	OS	TMS 1	16.0
PORT CAROLINE	GYJV	3	AN*	MER	S	P S	BU	OS	2	17.0
PORT CHALMERS	GWZU		AN	MER	S	P S	BU	OS	1	21.0
PORT HOBART	GKGC	3,7	MER	MER	S	P S	BU	OS	TMS 1	14.0
PORT INVERGARGILL	GXCL	3,7	MER	MER	S	P S	BU	OS	TMS 1	16.0
PORT LAUNCESTON	GVLB	3,7	MER	MER	S	P S	BU	OS	TMS 1	16.0
PORT LINCOLN	GFZK	3,7	MER	MER	S	P S	BU	OS	TMS 1	13.0
PORT LYTTTELTON	GLPJ	3	MER	MER	S	P S	BU	OS	TMS 1	14.0
PORT NELSON	MGXD	3	MER	MER	S	P S	BU	OS	TMS 1	14.0
PORT NICHOLSON	GHZX	3,7	MER	MER	S	P S	BU	OS	TMS 1	17.0
PORT PHILLIP	MAQZ	3	MER	MER	S	P S	BU	OS	TMS 1	16.0
PORT PIRIE	GLVQ	3,7	MER	MER	S	P S	BU	OS	TMS 1	15.0
PORT SYDNEY	GSXQ	3,7	AN*	MER	S	P S	BU	OS	MS 1	16.0
PORT TOWNSVILLE	MGCV	3,7	MER	MER	S	P S	BU	OS	TMS 1	14.0
PORT VICTOR	MSWK	3	MER	MER	S	P S	BU	OS	TMS 1	16.0
PORT VINDEK	MAUW	3,7	MER	MER	S	P S	BU	OS	TMS 1	16.0
PORT WELLINGTON	GDNJ	3,7	MER	MER	S	P S	BU	OS	TMS 1	16.0
POTOSI	GQPL	22	MER	MER	S	P S	BU	OS	TMS 1	14.0
PRIAM	GPGE	5	MER	MER	S	P S	BU	OS	TMS 1	16.0
PROMETHELS	GPGH	5	MER	MER	S	P S	BU	OS	TMS 1	17.0
PYRRUS	GMSF	5	MER	MER	S	P S	BU	OS	TMS 1	
QUEEN ELIZABETH II	GBIT	13	AN*	MER	S	P S	C	OS	TMS 6	29.0
QUEENSGARTH	GDSE	13	MER	MER	S	P S	BU	OS	TMS 1	12.0
QUEENSLAND STAR	GWFW	2	MER	MER	S	P S	BU	OS	MS 1	13.0
RAKAIA	GFGW	3	MER	MER	S	P S	BU	OS	TMS 2	16.0
RANGITOTO	GLMV	3	MER	MER	S	P S	BU	OS	TMS 4	20.0
RAPALLO	GFTA	13	AN*	MER	S	P S	BU	OS	TMS 1	13.0
RAPHAEL	GQKF	16	MER	MER	S	P S	BU	OS	MS 1	16.0
RATHLIN HEAD	GRDB	13	AN*	MER	S	P S	BU	OS	TMS 1	16.0
REDCAP	GVDI	13	MER	MER	S	P S	BU	OS	TMS 1	16.0

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REGENT FALCON	GDRU	21	MER	MER	S	P S	BU	OS	TMS 1	16.0
REGISTAN	GRYK	14	MER	MER	S	P S	BU	OS	MS 1	15.0
RIALTO	GBLV	13,23	MER	MER	S	P S	BU	OS	TMS 1	13.0
RIBBLEHEAD	MXFQ	13	AN*	MER	S	P S	BU	OS	TMS 1	15.0
RIEVAULX	GWLK	13	NA*	MER	S	P S	BU	OS	TMS 1	
RIPON	GVJK	13,16,9	MER	MER	S	P S	BU	OS	TMS 1	16.0
ROLAND	GKKT		MER	MER	S	P S	BU	OS	MS 1	16.0
ROONAGH HEAD	GNTN	13	AN*	MER	S	P S	BU	OS	TMS 1	14.0
ROSEMARY EVERARD	GMXA	9	AN*	MER	S	P S	BU	OS	T	10.0
ROSSETTI	GVMX	13	MER	MER	S	P S	BU	OS	TMS	14.0
ROSSINI	GPKZ	16	MER	MER	S	P S	BU	OS	TMS 1	
ROWALLAN CASTLE	GDFT	15	MER	MER	S	P S	BU	OS	TMS 1	14.0
ROWANMORE	GVKN	13	AN*	MER	S	P S	BU	OS	MS 1	14.0
RUNSWICK	GVFN	23	MER	MER	S	P S	BU	OS	TMS 1	14.0
RUSHPOOL	GWBF	13	MER	MER	S	P S	BU	OS	MS 1	15.0
SAGAMORE	GWFR	9	MER	MER	S	P S	BU	OS	TMS 1	16.0
SALMELA	GHPN	5	MER	MER	S	P S	BU	OS	TMS 1	14.0
SANTONA	GCDU	13	AN*	MER	S	P S	BU	OS	TMS 1	11.0
SAXONIA	GMHR	13	AN*	MER	S	P S	BU	OS	MS 1	17.0
SCOTIA	GTRH	13	AN*	MER	S	P S	BU	OS	TMS 1	19.0
SCOTTISH STAR	GKFN	16	MER	MER	S	P S	BU	OS	MS 2	7.0
SERBISTAN	GRLA	14	MER	MER	S	P S	BU	OS	TMS 2	17.0
SERENIA	GHLE	14,5	MER	MER	S	P S	BU	OS	TMS 1	10.0
SHAHRISTAN	GNGA	14	AN*	MER	S	P S	BU	OS	MS 1	16.0
SHEAF CREST	GYKH	5	MER	MER	S	P S	BU	OS	MS 1	15.0
SHEAF TYNE	GWLA	5	MER	MER	S	P S	BU	OS	TMS 1	16.0
SHROPSHIRE	GCVH	5	MER	MER	S	P S	BU	OS	MS 1	17.0
SILKSWORTH	GMZE	13	MER	MER	S	P S	BU	OS	TMS 1	16.0
SILVERBEACH	GQFU	13	MER	MER	S	P S	BU	OS	MS 1	16.0
SILVERSAND	GXML	20	MER	MER	S	P S	BU	OS	TMS 1	16.0
SILVERSEA	GQDE	19	MER	MER	S	P S	BU	OS	TMS 1	16.0

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SILVERSHORE	GGYU	13	AN	MER	S	P S	BU	OS		MS	1	14.0
SIR GALLAHAD	GSLA	23	MER	MER	S	P S	BU	OS		TMS	2	16.0
SIR LANCELOT	GMIR	23	AN*	MER	S	P S	BU	OS		TMS	2	16.0
SIR WILLIAM HARDY	GSZY	24	AN*	MER	S	P S	BU	OS		TMS	1	7.0
SOMERSET	GJVL	3	MER	MER	S	P S	BU	OS		TMS	2	16.0
SOUTHERN CROSS	GSWW	3	AN*	MER	S	P S	BU	OS		TMS	4	25.0
ST. MARGARET	GHJM	13, 20	AN*	MER	S	P S	BU	OS		MS	1	16.0
ST.MERRIEL	GRTP	16	MER	MER	S	P S	BU	OS		TMS	1	16.0
STAFFORDSHIRE	GJFG	5	MER	MER	S	P S	BU	OS		MS	1	16.0
STEPHANO	GQNH	13	MER	MER	S	P S	BU	OS		TMS	1	20.0
STRATHARDLE	GTFU	5	MER	MER	S	P S	BU	OS		TMS	2	20.0
STRATHBRORA	GTGA	5	MER	MER	S	P S	BU	OS		TMS	1	19.0
STRATHCONON	GTGE	5	AN*	MER	S	P S	BU	OS		TMS	1	17.0
SUEVIC	GKJV	3	MER	MER	S	P S	BU	OS		TMS	2	16.0
SUGAR CRYSTAL	GYBN	3	AN*	MER	S	P S	BU	OS		TMS	1	16.0
SUGAR EXPORTER	GGBU	3	AN*	MER	S	P S	BU	OS	R	TMS	1	14.0
SUGAR IMPORTER	GDMA	23	MER	MER	S	P S	BU	OS		TMS	1	13.0
SUGAR PRODUCER	GYNL	21	AN*	ELE	S	P S	BU	OS	ST	TMS	1	20.0
SUNEK	GBPA	13	MER	MER	S	P S	BU	OS		TMS	1	
SUSSEX	MAEF	3, 7	MER	MER	S	P S	BU	OS		TMS	1	16.0
SYLVAN ARROW	GTKG	23	MER	MER	S	P S	BU	OS		MS	1	16.0
TACTICIAN	GHNL	21	MER	MER	S	P S	BU	OS		TMS	2	17.0
TAMWORTH	GYPH	23	MER	MER	S	P S	BU	OS		TMS	1	16.0
TANTALION CASTLE	MQWN	15	MER	MER	S	P S	BU	OS		TMS	1	16.0
TASMANIA STAR	GKPC	3	MER	MER	S	P S	BU	OS		TMS	1	17.0
TAUPO	GRNH	3	MER	MER	S	P S	BU	OS		TMS	1	14.0
TEKOA	GRNU	3	MER	MER	S	P S	BU	OS		TMS	1	17.0
TEVIOTBANK	GRFH	23	MER	MER	S	P S	BU	OS		TMS	1	
TEXACO EDINBURGH	GVDZ	23	MER	MER	S	P S	BU	OS		MS	1	16.0
TEXACO GLOUCESTER	GCNA	23	MER	MER	S	P S	BU	OS		TMS	1	16.0
TEXACO PEMBROKE	GNJH	23	MER	MER	S	P S	BU	OS		TMS	1	14.0

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TEXACO SAIGON	GCWE	23	MER	MER	S	P S	BU	OS	MS	1	16.0
THESEUS	GTBT	3	MER	MER	S	P S	BU	OS	MS	1	16.0
TONGARIRO	GRPA	2	MER	MER	S	P S	BU	OS	TMS	1	16.0
TORONTO CITY	GQRU	13	MER	MER	S	P S	BU	OS	TMS	1	17.0
TORR HEAD	GHTB	13	AN*	MER	S	P S	BU	OS	TMS	1	16.0
TOWER BRIDGE	GRKH	16	MER*	MER	S	P S	BU	OS	TMS	1	
TREBARTHA	GHMS	23	MER	MER	S	P S	BU	OS	MS	1	13.0
TRECARNE	GVPK	23	MER	MER	S	P S	BU	OS	TMS	1	16.0
TRECARRELL	GVPJ	23	MER	MER	S	P S	BU	OS	TMS	1	16.0
TREFUSIS	GWWP	23	MER	MER	S	P S	BU	OS	TMS	1	17.0
TREMEADOW	MQPV	23	MER	MER	S	P S	BU	OS	TMS	1	11.0
TRENGLOS	GHWG	23	MER	MER	S	P S	BU	OS	TMS	1	16.0
TREVALGAN	GVPL	3	MER	MER	S	P S	BU	OS	TMS	1	14.0
TREVAYLOR	GVPM	23	MER	MER	S	P S	BU	OS	TMS	1	13.0
TREWIDDEN	GFMA	23	MER	MER	S	P S	BU	OS	MS	1	16.0
TRINCULO	GWCZ	13	MER	MER	S	P S	BU	OS	MS	1	16.0
TURAKINA	GFFE	3	MER	MER	S	P S	BU	OS	TMS	2	16.0
TURKISTAN	GJYU	14	MER	MER	S	P S	BU	OS	TMS	3	19.0
UGANDA	GFRQ	9	MER	MER	S	P S	BU	OS	TMS	3	21.0
VENASSA	GDZH	23	MER	MER	S	P S	BU	OS	TMS	2	16.0
VICTORE	GMIE	9, 13	MER*	MER	S	P S	BU	OS	TMS	1	16.0
VOLVATELLA	GVCT	23	MER	MER	S	P S	BU	OS	TMS	2	13.0
WANLIU	GFLS	5	MER	MER	S	P S	BU	OS	MS	1	
WARKWORTH	GHYS	13	AN*	MER	S	P S	BU	OS	TMS	1	13.0
WARWICKSHIRE	GWDE										
WELSH CITY	GYLF	23	MER	MER	S	P S	BU	OS	TMS	1	16.0
WELSH HERALD	GLMA	13, 16, 22	MER	MER	S	P S	BU	OS	TMS	1	16.0
WESTMINSTER BRIDGE	GYBR	23	MER	MER	S	P S	BU	OS	TMS	1	
WESTMORLAND	GRPE	3	MER	MER	S	P S	BU	OS	TMS	1	17.0
WINDSOR CASTLE	GTVG	15	MER	MER	S	P S	C	OS	TMS	4	29.0
WOOSUNG	GFMM	5	MER	MER	S	P S	BU	OS	TMS	1	16.0

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YORKSHIRE	GGCA	1	MER	MER	S	P S	BU	OS	MS 1	16.0
ZAPHON	GWCY	14	MER	MER	S	P S	BU	OS	TMS 1	22.0

Supplementary Ships

AARC	GDRA	9	MER	MER	S		BU		TMS 1	13.0
ANGELO	GVGK	9	MER	MER	S		BU		T	11.0
ARCADIAN	GFKU	11	MER	MER	S		BU		TMS 1	
ARIOSIO	MWRT	9	AN*	MER	S		BU		T	11.0
BENDORAN	GVJC	5	MER	MER	S				MS 1	20.0
BENMACDHUI	MADX	5	AN*	MER	S				TMS 1	16.0
BENVORLICH	MAGH	5	MER	MER	S				TMS 1	16.0
BORDER SHEPHERD	GGRA	23	MER	MER	S				TMS 2	19.0
BOSTON VISCOUNT	GQVR	17	AN	MER	S				T 1	5.0
BOSTON WIDGEON	GHTL	17	AN*	MER	S				T 1	13.0
BRITISH CHIVALRY	GFBT	23	MER	MER	S				MS 1	16.0
BRITISH DESTINY	GCHC	23	MER	MER	S				MS 1	15.0
BRITISH ENERGY	GXFV	14, 23	MER	MER	S				TMS 1	19.0
BRITISH PATROL	MPKW	9	MER	MER	S				TMS 1	12.0
BRITISH RELIANCE	GFCC	14	MER	MER	S				MS 1	12.0
BRITISH ROBIN	GFFV	23	MER	MER	S				TMS 1	16.0
CAMELLIA	GPVY	13	AN*	MER	S				TMS 1	12.0
CAPE WRATH	GYRA	23	MER	MER	S		BU		TMS 1	19.0
CICERO	GRTD	9	MER	MER	S		BU		TMS 1	13.0
CLAN RANALD	GMVA	5	A	MER	S				TMS 1	
CLAN ROSS	GQNE	15	A	MER	S				TMS 1	
EBRO	GKDN	16	AN*	MER	S				TMS 1	14.0
ECHO	GXDD	19	AN*	MER	S		BU		T	10.0
ESSO LANCASHIRE	GHZM		MER	MER	S				TMS 2	18.0
ESSO WESTMINSTER	MQQX	23	MER	MER	S				TMS 1	15.0
ETHEL EVERARD	GSQH	9	AN*	MER	S		BU		T	

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HUDSON DEEP	MPCR	21,16	MER	MER	S		TM	1	16.0
IAN FLEMING	GSFH	17	AN*	MER	S		TMS		6.0
JOSEF CONRAD	GXFQ	17	AN*	MER	S		TMS	1	9.0
KINGSTON PEARL	MBAQ	17	AN	MER	S	BU	TMS	1	
KIRKELLA	GQSU	17	AN*	MER	S		TMS	1	7.0
LADY PARKS	GSKH	17	AN*	MER	S		MS	1	10.0
LORD NELSON	GHCH	17	AN*	MER	S		TMS	1	8.0
MANGLA	GBHL	5	MER	MER	S		TMS	2	16.0
MARBELLA	GRZE	17	MER	MER	S		TMS	1	11.0
MARETTA	GPSA	17	AN*	MER	S		TMS	1	8.0
METHANE PRINCESS	GMHL	11	AN*	MER	S		TMS	1	20.0
METHANE PROGRESS	GMYE	11	AN*	MER	S		TMS	1	19.0
MOBIL ACME	GGDH	23	MER	MER	S		MS		15.0
MOBIL ENERGY	GJJA	23	MER	MER	S		TMS	1	16.0
NORTHELLA	GNCE	17	AN*	MER	S		TMS	1	10.0
OULTON QUEEN	GHZA	17	AN	MER	S		T		
ROSS IMPLACABLE	GYUH	17	AN*	MER	S	BU	TMS	1	11.0
ROSS ORION	GHZH	17	AN*	MER	S		TMS	1	
ROTHESAY CASTLE	GBQA	15	A	MER			TMS	1	
SEA CAPTAIN	GBYD	23	MER	MER	S		M	1	
SOMERSET MAUGHAN	MDZE	17	AN	MER	S	BU	TMS	1	10.0
ST JASON	GYCB	17	AN*	MER	S		TMS	1	7.0
ST JEROME	GYNR	17	AN*	MER	S		TMS	1	
ST. GERONTIUS	GIAF	17	AN*	MER	S		TMS	1	8.0
ST.JASPER	GYZQ	17	AN*	MER	S		TMS	1	11.0
STREAMBANK	MYCD	23	MER	MER	S		MS	1	5.0
TABARISTAN	GZJP	14	AN	MER	S		TMS	1	
TOLSTA	GGKE	9	AN*	MER	S		T		10.0
TUDOR PRINCE	GHBP	14,5	MER	MER	S		TMS	1	15.0

Trawlers

ARCTIC GALLIARD

GNYY

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ARCTIC PRIVATEER	GYMA
BEN BHRACKIE	GTNU
BENVOLIO	MDPD
BLACK WATCH	MWTR
BOSTON LINCOLN	GYBE
CORIOLANUS	GSJH
D.B. FINN	GHLH
ELLA HEWITT	GMSE
FALSTAFF	MBAN
KINGSTON AMBER	GHJR
KINGSTON EMERALD	MTSS
MACBETH	
NORTHERN PRINCESS	
NORTHERN PRINCE	
NORTHERN QUEEN	
NORTHERN REWARD	GIAJ
NORTHERN SUN	MWZC
PORTIA	GVRJ
ROBERT HEWETT	GHNM
ROSS LEONIS	GHCQ
ROSS RENOWN	
ROSS RESOLUTION	MACD
ROSS RODNEY	MXGV
ROSS SIRIUS	MGHN
ROSS VANGUARD	GSLE
ST. ALGUIN	MGCW
ST. BRITWIN	MFXJ
ST. DOMINIC	
ST. GILES	GIAE

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ST. KEVERN	GMDR
ST. LOMAN	GXDC
ST.DOMINIC	
ZONIA	GPTU

Auxiliary Ships

AENEAS	GMRT	5
ALUCC	GCJU	3
ANTILOCHUS	MBLK	5
ATHELSTONE		13
ATREUS	GMPL	5
AUTOMEDON	GWSM	5
BENVENUE	GFNL	5
BENVRACKIE	MTZX	5
BORDER REGIMENT	GQBB	14, 16
BRITISH GANNET	GDMU	13
BRITISH OSPREY	GHPL	3, 15
CLYTONEUS	GMQG	5
CONSTANCE BOWATER	GXFM	13
CROWBOROUGH BEACON	GRLP	5
DAPHNELLA	GRVE	23
DEGEMA	GCHV	20
DOLIUS	GVBB	5
DONACILLA	GRYE	14
DORCASIA	GSZE	14, 5
ELB ORE	GWME	13
ELOBO	CCFH	21
ELPENOR	GRLC	5
FORTHBRIDGE	GWLE	13
FRAMPTONDYKE	GNXA	13
GLADSTONE STAR	GCJH	3

UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND

HADRA	GRLB	5
HALIA	MXKN	20
HARPULA	GVBV	20
HASTULA	GVCC	5
HAUSTELLUM	MSNJ	16
HAUSTRUM	GRFT	5
HEMICARDIUM	GPZR	21
HEMIFUSUS	MSDF	5
HEMISINUS	GVYV	21
HEMITROCHUS	GCDH	
HIMA	MXCN	5
HOLOSPIRA	GVFK	15, 16
HYGROMIA	GVDN	21
JORG KRUGER (GERMAN)	DGJK	13
KING ALFRED	GYVG	13
KING CHARLES	GWKI	13
KING HENRY	GXJM	14
LOSSIEBANK	GKKE	21
MANTUA	GHJA	5
MARINULA	GYKW	14
MEGARA		14
MEMNON	GVYM	5
MUREX	GXFA	15
MYRMIDON	GWQP	5
NEGARA		14
OPALIA	GLQA	3, 14
PALLIUM	GBYU	16
PATANI	GMYZ	15
PHYLLIS BOWATER	GFNE	13
PYRRHUS	GMSP	5
RADNORSHIRE	GRXA	15, 5
SCOTTISH MONARCH	GDVH	5
SHANSI	GZBJ	3
SOLEN	GHPG	5

UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND

TALTHYBIUS	GHGZ	5
TANGISTAN	GBBL	15
TEXACO BRUSSELS	GYLN	23
VERCONELLA	MXKX	21
VITRINA	GVWM	14
VITTA	MXKK	14

UNITED STATES OF AMERICA

- 1 AROUND THE WORLD
- 2 VARIABLE
- 3 INTERCOASTAL (U.S. EAST COAST - U.S. WEST COAST)
- 4 COASTWISE (U.S. EAST AND GULF COAST)
- 5 COASTWISE (U.S. WEST COAST)
- 6 U.S. EAST COAST - NORTHERN EUROPE
- 7 U.S. EAST COAST - MEDITERRANEAN AND MIDDLE EAST
- 8 U.S. EAST COAST - SOUTH AFRICA
- 9 U.S. EAST COAST - EASTERN SOUTH AMERICA
- 10 U.S. EAST COAST - CARIBBEAN AND NORTHERN SOUTH AMERICA
- 11 U.S. EAST AND GULF COAST - WESTERN SOUTH AMERICA
- 12 U.S. EAST AND GULF COAST - WESTERN PACIFIC
- 13 U.S. GULF COAST - NORTHERN EUROPE
- 14 U.S. GULF COAST - MEDITERRANEAN AND MIDDLE EAST
- 15 U.S. GULF COAST - SOUTH AFRICA
- 16 U.S. GULF COAST - EASTERN SOUTH AMERICA
- 17 U.S. GULF COAST - CARIBBEAN AND NORTHERN SOUTH AMERICA
- 18 U.S. WEST COAST - ALASKA
- 19 U.S. WEST COAST - HAWAII
- 20 U.S. WEST COAST - WESTERN PACIFIC
- 21 U.S. WEST COAST - CENTRAL AND SOUTH AMERICA
- 22 U.S. WEST COAST - CARIBBEAN AND NORTHERN SOUTH AMERICA
- 23 U.S. WEST COAST - EUROPE VIA PANAMA CANAL
- 24 U.S. WEST COAST - SOUTH ATLANTIC
- 25 INTER-ISLAND, PACIFIC
- 26 U.S. EAST AND GULF COAST - HAWAII
- 27 GULF OF MEXICO WATERS
- 28 U.S. EAST AND GULF COAST - AUSTRALIA
- 29 U.S. WEST COAST - AUSTRALIA
- 30 ALASKAN WATERS

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Selected Ships

ACADIA FOREST	LIGU	6,13	AN	MER	A	P A	C	OS4	A	TMS	1	16.0
ADABELLE LYKES	WLCP	2	AN	MER	A	P SL	C	OS4	A	TMS	1	15.0
AFRICAN COMET	KCMV	8	AN	MER	SL	P SL	C	OS4	A	TMS	1	19.0
AFRICAN CRESCENT	KAAQ	8	AN	MER	SL	P SL	C	OS4		TMS	1	16.0
AFRICAN DAWN	WLDP	8	AN	MER	SL	P SL	C	OS4		TMS	1	19.0
AFRICAN GLEN	KABW	8	AN	MER	SL	P SL	C	OS4		TMS	1	16.0
AFRICAN GROVE	KVLK	9	AN	MER	SL	P SL	C	OS4		TMS	1	16.0
AFRICAN LIGHTNING	KAEE	8	AN	MER	SL	P SL	C	OS4		TMS	1	16.0
AFRICAN MERCURY	KCOJ	8	AN	MER	SL	P SL	C	OS4	A	TMS	1	19.0
AFRICAN METEOR	KCNX	8	AN	MER	SL	P SL	C	OS4	A	TMS	1	19.0
AFRICAN MOON	KAIB	8	AN	MER	SL	P SL	C	OS4		TMS	1	16.0
AFRICAN NEPTUNE	KAFV	8	AN	MER	SL	P SL	C	OS4	A	TMS	1	19.0
AFRICAN PLANET	KAER	8	AN	MER	SL	P SL	C	OS4		TMS	1	16.0
AFRICAN RAINBOW	KAIX	8	AN	MER	SL	P SL	C	OS4		TMS	1	16.0
AFRICAN STAR	KAIY	8	AN	MER	SL	P SL	C	OS4		TMS	1	16.0
AFRICAN SUN	KCCA	8	AN	MER	SL	P SL	C	OS4		TMS	1	19.0
AIMEE LYKES	WLBO	2	AN	MER	A	P A	C	OS4	A	TMS	1	15.0
ALAMINOS	KBNA	27	AN	MER	SL	P SL	C	OS4	BAT A	TMS	1	2.0
ALASKAN MAIL	KAAV	20	AN	MER	SL	P SL	C	OS4		TMS	1	19.0
ALCOA COMMANDER	KFRK	10	AN	MER	SL	P SL	C	OS4		TMS	1	16.0
ALCOA EXPLORER	KQJD	10	AN	MER	SL	P SL	C	OS4		TMS	1	16.0
ALCOA MARKETER	WFZM	2	AN	MER	SL	P SL	C	OS4		TMS	1	14.0
ALCOA MASTER	KYFG	2	AN	MER	A	P A	C	OS4		TMS	1	14.0
ALCOA TRADER	KRHE	10	AN	MER	SL	P SL	C	OS4		TMS	1	16.0
ALDENBURG	DAHA	17,22	AN	MER	SL	P SL	C	OS		TMS	1	11.0
ALESSANDRO VOLTA (ITALY)	ICHV	23	AN	MER	S	P S	C	SS		MS	1	
ALEXANDER AGGASSIZ	KEYI	2	AN	MER	A	P A	C	OS4	A	TS	1	7.0
ALLISON LYKES	KADK	2	AN	MER	A	P A	C	OS4	A	TMS	1	15.0
ALMERIA LYKES	KAYV	2	AN	MER	A	P A	C	OS4		MS	1	14.0
ALMIRANTE (HONDURAS)	HREV	3,10,17	AN	MER	A	P A	C	OS4		MS	1	11.0

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ALOHA STATE	KOIQ	2	AN	MER	A	P	A	C	OS4		MS	1	15.0
ALPHA HELIX	KLFK	2	AN	MER	A	P	A	C	OS4	A	TMS	1	7.0
AMERICAN CHALLENGER	WMEP	6	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
AMERICAN CHAMPION	WMEY	6	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
AMERICAN CHARGER	KGTR	6	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
AMERICAN CHIEFTAIN	WJNA	6	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
AMERICAN CLIPPER	KBKP	6	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
AMERICAN CORSAIR	WIGE	6	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
AMERICAN COURIER	WAXH	6	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
AMERICAN FORESTER	KQOZ	12	AN	MER	A	P	A	C	OS4		TMS	1	16.0
AMERICAN FORWARDER	KBOH	6	AN	MER	A	P	A	C	OS4		TMS	1	16.0
AMERICAN HARVESTER	KQSL	6	AN	MER	A	P	A	C	OS4		TMS	1	16.0
AMERICAN IMPORTER	KBQO	6	AN	MER	A	P	A	C	OS4		TMS	1	16.0
AMERICAN LANCER	WZJB	6	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
AMERICAN LARK	WZJF	6	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
AMERICAN LEADER	KBUQ	6	AN	MER	A	P	A	C	OS4		TMS	1	16.0
AMERICAN LEGION	WZJC	6	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
AMERICAN LIBERTY	WCJD	6	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
AMERICAN LYNX	WZJE	6	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
AMERICAN MAIL	KGXA	20	AN	MER	SL	P	SL	C	OS4		MS	1	19.0
AMERICAN MILLER	KXWM	6	AN	MER	A	P	A	C	OS4		TMS	1	16.0
AMERICAN PACKER	KYFN	6	AN	MER	A	P	A	C	OS4		TMS	1	16.0
AMERICAN PILOT	KQIY	6	AN	MER	A	P	A	C	OS4		TMS	1	16.0
AMERICAN PRODUCER	WIIU	6	AN	MER	A	P	A	C	OS4		TMS	1	16.0
AMERICAN RACER	KNDF	6	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
AMERICAN RANGER	KNKW	6	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
AMERICAN RELIANCE	KNKX	6	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
AMERICAN REPORTER	KQSV	6	AN	MER	A	P	A	C	OS4		TMS	1	16.0
AMERICAN RESOLUTE	KNKY	6	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
AMERICAN ROVER	KNKZ	6	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
AMERICAN SCIENTIST	KAHN	6	AN	MER	A	P	A	C	OS4		TMS	1	16.0
AMERICAN SCOUT	KBWQ	6	AN	MER	A	P	A	C	OS4		TMS	1	16.0
AMERICAN TRAVELER	KBYD	6	AN	MER	A	P	A	C	OS4		TMS	1	16.0
AMERICAN VETERAN	KBZF	6	AN	MER	A	P	A	C	OS4		TMS	1	16.0

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ANDREW JACKSON	KCQE	2	AN	MER	A	P	A	C	OS4		TMS	1	14.0
ANGELO PETRI	WHJI	3	AN	MER	A	P	A	C	OS4		TMS	1	13.0
ANTINOUS	WSAK	20	AN	MER	A	P	A	C	OS4		TMS	1	16.0
ANTONIO PACINOTTI (ITALY)	ICRA	23	AN	MER	SL	P	SL	C	SS		TMS	1	
ARAGON (HONDURAS)	HRDV	3,10,17	AN	MER	A	P	A	C	OS4		MS	1	11.0
ARGO	KKDZ	2	AN	MER	A	P	A	C	OS4	A	TS	1	6.0
ARIZONA	KFEU	20	AN	MER	A	P	A	C	OS4		TMS	1	16.0
ARIZONA STANDARD	KIHY	18,19	AN	MER	SL		SL	C	OS4	ST	TMS	1	11.0
ARIZPA	KCCN	6	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0
ASHLEY LYKES	WBAE	2	AN	MER	A	P	A	C	OS4	A	TMS	1	15.0
ATLANTIC CAUSEWAY	GZML	6	AN	MER	VS	P	VS	C	OS		TMS		29.0
ATLANTIC HOPE (LIBERIA)	6ZHF	11,20	AN	ALC	US	P	US	C	SS		TMS	1	19.0
ATTLEBORO VICTORY	KCTW	7	AN	MER	SL	P	SL	C	OS4		TMS	1	16.0
AUSTRALIAN GEM	KQCK	28	AN	MER	A	P	A	C	OS4		TMS	1	16.0
AUSTRALIAN REEF	KYFY	28	AN	MER	A	P	A	C	OS4		TMS	1	16.0
AZALEA CITY	KOCJ	03,20	AN	MER	A	P	A	C	OS		TMS	1	14.0
BADGER STATE	KWGE	12,23	AN	MER	A	P	A	C	OS4		TMS	1	15.0
BALTIMORE	KTSQ	2	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
BAUNE (NORWAY)	JWUJ	17	AN	MER	SL	P	SL	C	OS4	A	TMS	1	14.0
BAY STATE	KWRY	2	AN	MER	A	P	A	C	OS4		TMS	1	15.0
BAYOU STATE	WEXK	2	AN	MER	A	P	A	C	OS4		TMS	1	15.0
BEAUREGARD	KCVU	10	AN	MER	SL	P	SL	C	OS4		TMS	1	16.0
BIENVILLE	KOCC	12,20	AN	MER	A	P	A	C			TMS	1	16.0
BLUE GRASS STATE	WXBP	2	AN	MER	A	P	A	C	OS4		TMS	1	16.0
BOSTON	WNDW	2	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
BRINTON LYKES	WLAO	2	AN	MER	A	P	A	C	OS4	A	TMS	1	15.0
BUCKEYE STATE	KURW	2	AN	MER	A	P	A	C	OS4		TMS	1	15.0
BUCKEYE VICTORY	KWLP	2	AN	MER	A	P	A	C	OS4		TMS	1	16.0
C.E. DANT	KGTP	20	AN	MER	A	P	A	C	OS4		TMS	1	16.0
CALIFORNIA	WJBA	20	AN	MER	A	P	A	C	OS4	A	TMS	1	16.0
CALIFORNIA BEAR	KFEI	20	AN	MER	A	P	A	C	OS4		TMS	1	15.0
CALIFORNIA STANDARD	KBPF	5,18,9	AN	MER	A	P	A	C	OS4		TMS	1	10.0
CALIFORNIAN	KPZK	19	AN	MER	A	P	A	C	OS4		TMS	1	14.0

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CALMAR	WLHP	3	AN	MER	A	P	A	C	OS4		TMS	1	19.0
CANADA BEAR	KQKO	20	AN	MER	A	P	A	C	OS4		TMS	1	13.0
CANADA MAIL	WGNW	20	AN	MER	A	P	A	C	OS4		TMS	1	16.0
CAP COLORADO (GERMANY)	DAIE	29	AN	MER	SL	P	SL	C	SS		MS	1	14.0
CAPE COD	WN22	2	AN	MER	SL	P	SL	C	SS		T	1	8.0
CARBIDE TEXAS CITY	KFGF	4	AN	MER	A	P	A	C	OS4		TMS	1	13.0
CARL SCHMEDEMAN (PANAMA)	HPDS	17	AN	MER	A	P	A	C	OS4		TMS	1	13.0
CARRIER DOVE	KRPF	14	AN	MER	A	P	A	C	OS4		TMS	1	16.0
CATHY LYNN	WB25	5	AN	MER	SL	P	SL	C	SS		T	1	
CHARLES H.GILBERT	WTDA	5,25	AN	MER	SL	P	SL	BU	OS4	A	T	1	5.0
CHARLES LYKES	KEBX	2	AN	MER	A	P	A	C	OS4		MS	1	14.0
CHARLESTON	KPHS	10	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
CHARLOTTE LYKES	WLCW	2	AN	MER	A	P	A	C	OS4	A	TMS	1	15.0
CHATHAM	KHRV	2	AN	MER	SL	P	SL	C	OS4		TMS	1	16.0
CHENA	KKDW	18	AN	MER	SL	P	SL	C	OS4		TMS	1	13.0
CHEVRON	KAHH	5	AN	MER	A	P	A	C	OS4		TMS	1	10.0
CHICAGO	WRGO	3,6	AN	MER	VS	P	SL	C	OS4		TMS	1	1.0
CHINA BEAR	WEIN	20	AN	MER	A	P	A	C	OS4		TMS	1	19.0
CHOCTAW	KKIJ	20,12	AN	MER	A	P	A	C	OS4		MS	1	16.0
CHRISTOPHER LYKES	KPLF	2	AN	MER	A	P	A	C	OS4	A	TMS	1	15.0
CITY OF ALMA	KEDU	20	AN	MER	A	P	A	C	OS4		MS	1	16.0
CITY OF TACOMA	WQ40	2	AN	MER	SL	P	SL	C	OS4		TS	1	7.0
CLAIBORNE	KHMI	17	AN	MER	A	P	A	C	OS4		MS	1	14.0
COLINA	KHZH	4	AN	MER	A	P	A	C	OS4		TMS	1	13.0
COLORADO	KPHB	20	AN	MER	SL	P	SL	C	OS		TMS	1	21.0
COLUMBIA BANKER	KQWH	20	AN	ALC	SL	P	SL	C	OS4		MS	1	14.0
COLUMBIA BEAVER	KHTW	20	AN	MER	SL	P	SL	C	OS4		TMS	1	16.0
COLUMBIA FOX	KYDC	2	AN	MER	A	P	A	C	OS4		TMS	1	14.0
COLUMBIA MARINER	KBVY	2	AN	MER	SL	P	SL	C	OS4		TMS	1	14.0
COLUMBIA TRADER	WLAJ	12,20	AN	MER	A	P	A	C	OS4		MS	1	13.0
COMAYAGUA	KFLQ	10	AN	MER	SL	P	SL	C	OS4		TMS	1	14.0
CONSTITUTION	KAEG	7	AN	MER	A	P	A	C	OS4		TMS	4	20.0
CONSTITUTION STATE	KTYW	7	AN	MER	AP		A	C	OS4		TMS	1	13.0
CONTAINER DESPATCHER	KQKG	6	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0

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CONTAINER FORWARDER	KHVQ	6	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0
CONTEST	KFQJ	20	AN	MER	A	P	A	C	OS4	A,R	MS	1	13.0
COPPER STATE	KYHX	2	AN	MER	A	P	A	C	OS4		TMS	1	15.0
COTTON STATE	KREG	2	AN	MER	A	P	A	C	OS4		MS	1	13.0
CRISTOBAL	WCOQ	10	AN	MER	A	P	A	C	OS4		TMS	3	14.0
CRISTOFORO COLOMBO (ITALY)	ICCA	7,10	AN	MER	SL	P	SL	C	SS		TMS	4	25.0
CUZCO	OAMN	2	AN	MER	SL	P	SL	C	SS		TMS	1	13.0
DA GAMA	KIWT	6	AN	MER	SL	P	SL	C	OS4		TMS	1	16.0
DAVID STAR JORDAN	WTDK33	2	AN	MER	A	P	A	C	OS4	A,ST	TS	1	10.0
DAVIDSON	WTEK	18	AN	MER	SL	P	SL	C	OS4	A	TMS	1	9.0
DEL ALBA	KVFU	15,16	AN	MER	A	P	A	C	OS4		MS	1	14.0
DEL MAR	KFVZ	16	AN	MER	A	P	A	C	OS4		TMS	1	15.0
DEL MUNDO	KWTK	16	AN	MER	A	P	A	C	OS4		MS	1	14.0
DEL NORTE	KFWY	16	AN	MER	A	P	A	C	OS4		TMS	1	15.0
DEL ORO	WLCJ	15,16	AN	MER	A	P	A	C	OS4		TMS	1	15.0
DEL RIO	WGMU	16	AN	MER	A	P	A	C	OS4		TMS	1	15.0
DEL SOL	WLCI	15,16	AN	MER	A	P	A	C	OS4		TMS	1	15.0
DEL SUD	KFYW	16	AN	MER	A	P	A	C	OS4		TMS	1	15.0
DEL VALLE	KWTH	16	AN	MER	A	P	A	C	OS4		MS	1	14.0
DELAWARE GETTY	KCBE	4	AN	MER	A	P	A	C	OS4	4	TMS	1	11.0
DELTA ARGENTINA	WNVB	15,16	AN	MER	A	P	A	C	OS4		TMS	1	17.0
DELTA BRASIL	WNVM	15,16	AN	MER	A	P	A	C	OS4	4	TMS	1	17.0
DELTA MEXICO	WHIX	15,16	AN	MER	A	P	A	C	OS4	4	TMS	1	16.0
DELTA PARAGUAY	WLGR	15,16	AN	MER	A	P	A	C	OS	4	TMS	1	17.0
DELTA URUGUAY	KPNA	15,16	AN	MER	A	P	A	C	OS	4	TMS	1	17.0
DESOTO	KWTR	3,12,20	AN	MER	A	P	A	C	OS4		TMS	1	16.0
DETROIT	WFJH	10	AN	MER	A	P	A	C	OS4		TMS	1	16.0
DICK LYKES	KGCR	2	AN	MER	A	P	A	C	OS4		MS	1	14.0
DIDDEFORD	KBKT	2	AN	MER	SL	P	SL	C	OS4		MS	1	16.0
DOCTOR LYKES	KGDC	2	AN	MER	A	P	A	C	OS4		MS	1	15.0
DOLLY TYRMAN	WLDD	2	AN	MER	A	P	A	ELE	OS4	A	TMS	1	17.0
DONG MYUNG (COREA LIBERIA)	6KCS	12,20	AN	ALC	S	P	S	C	SS		MS	2	14.0

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DUFFIELD (U.K.)	MPND	20	AN	MER	SL	P SL	C	SS		TMS	1	14.0
ELIZABETH LYKES (NEW)	WHTP	2	AN	MER	A	P A	ELE	OS4	A	TMS	1	17.0
ELIZABETH LYKES (OLD)	KGPV	2	AN	MER	A	P A	C	OS4		MS	1	14.0
ELIZABETHPORT	KFEN	3	AN	MER	A	P A	C	OS4		MS	1	19.0
EMPIRE STATE	KGWB	2	AN	MER	A	P A	C	OS4		TMS	1	16.0
ESPARTA	KGXR	3,17	AN	MER	A	P A	C	OS4		MS	1	13.0
ESSO BALTIMORE	WHMK	4	AN	MER	A	P A	C	OS4	A	TMS	1	13.0
ESSO BOSTON	WHML	4	AN	MER	A	P A	C	OS4	A	TMS	1	13.0
ESSO DALLAS	KABJ	4	AN	MER	A	P A	C	OS4	A	TMS	1	13.0
ESSO GETTYSBURG	KIVP	4	AN	MER	A	P A	C	OS4	A	TMS	1	13.0
ESSO HOUSTON	KHBA	4	AN	MER	SL	P SL	C	OS4	A	TMS	1	17.0
ESSO HUNTINGTON	KEAJ	4	AN	MER	A	P A	C	OS4	A	TMS	1	13.0
ESSO JAMESTOWN	KIYO	4	AN	MER	A	P A	C	OS4	A	TMS	1	13.0
ESSO LEXINGTON	KIYP	4	AN	MER	A	P A	C	OS4	A	TMS	1	13.0
ESSO NEW ORLEANS	WNDM	4	AN	MER	A	P A	C	OS4	A	TMS	1	17.0
ESSO WASHINGTON	KIYN	4	AN	MER	A	P A	C	OS4	A	TMS	1	14.0
EUGENE LYKES	KGZB	2	AN	MER	A	P A	C	OS4		TMS	1	14.0
EVERGREEN STATE	KAE0	2	AN	MER	A	P A	C	OS4		TMS	1	16.0
EXBROOK	KHHP	7	AN	MER	A	P A	C	OS4		TMS	1	16.0
EXCELSIOR	KYGT	7	AN	MER	A	P A	C	OS4		TMS	1	16.0
EXCHEQUER	KYHZ	7	AN	MER	A	P A	C	OS4		TMS	1	16.0
EXCHESTER	KHHS	7	AN	MER	A	P A	C	OS4		TMS	1	16.0
EXECUTOR	KHHW	7	AN	MER	A	P A	C	OS4		TMS	1	16.0
EXFORD	KHND	7	AN	MER	A	P A	C	OS4		TMS	1	16.0
EXHIBITOR	WGBL	7	AN	MER	SL	P SL	C	OS4		TMS	1	16.0
EXILONA	KFHT	7	AN	MER	A	P A	C	OS4		TMS	1	16.0
EXMINSTER	KWEN	7	AN	MER	A	P A	C	OS4		TMS	1	16.0
EXPEDITOR	KQNG	7	AN	MER	A	P A	C	OS4		TMS	1	16.0
EXPORT ADVENTURER	KSGK	7	AN	MER	SL	P SL	C	OS4		TMS	1	19.0
EXPORT AGENT	KEHL	7	AN	MER	A	P A	C	OS4		TMS	1	19.0
EXPORT AIDE	WGKB	7	AN	MER	SL	P SL	C	OS4		TMS	1	19.0
EXPORT AMBASSADOR	WEXF	7	AN	MER	SL	P SL	C	OS4		TMS	1	19.0
EXPORT BANNER	WFGT	7	AN	MER	SL	P SL	C	OS4		TMS	1	19.0
EXPORT BAY	WGKC	7	AN	MER	SL	P SL	C	OS4		TMS	1	19.0

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EXPORT BUILDER	KEXB	7	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
EXPORT BUYER	KCAO	6,7	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
EXPORT CHALLENGER	WLSG	7	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
EXPORT CHAMPION	WLCG	6,7	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
EXPORT COMMERCE	WGKE	7	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
EXPORT COURIER	KAAG	7	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
EXPORTER	KHQZ	7	AN	MER	A	P	A	C	OS4		TMS	1	16.0
EXPRESS	KGVI	7	AN	MER	A	P	A	C	OS4		TMS	1	16.0
F.S.BRYANT	KIQT	19,25	AN	MER	A	P	A	C	OS4		TMS	1	16.0
FAIRLAND	KGFP	12,20	AN	MER	SL	P	SL	C	OS4		TMS	1	16.0
FAIRPORT	KHTY	12,20	AN	MER	A	P	A	C	OS4		MS	1	16.0
FELICE D'AMICO	IBWF	2	AN	MER	SL	P	SL	C	SS		TMS	1	15.0
FERNLAKE (NORWAY)	JXNO	12,20	AN	MER	SL	P	SL	C	SS		TMS	1	16.0
FERNVIEW (NORWAY)	JXMY	12,20	AN	MER	SL	P	SL	C	SS		TMS	1	16.0
FLOWER HILL	KIEY	7	AN	MER	SL	P	SL	C	OS4		TMS	1	16.0
FLYING CLIPPER	KRDX	1	AN	MER	SL	P	SL	C	OS4		TMS	1	16.0
FLYING CLOUD	KIAY	1	AN	MER	SL	P	SL	C	OS4		TMS	1	16.0
FLYING DRAGON	KIBA	20	AN	MER	A	P	A	C	OS4	A,R	MS	1	13.0
FLYING ENDEAVOR	WDIB	1	AN	MER	A	P	A	C	OS4		MS	1	14.0
FLYING ENTERPRISE II	KWTI	1	AN	MER	A	P	A	C	OS4		TMS	1	16.0
FLYING FISH	KBXX	1	AN	MER	S	P	S	C	OS4		TMS	1	16.0
FLYING FOAM	WFUY	1	AN	MER	SL	P	SL	C	OS4		TMS	1	16.0
FLYING HAWK	WMRK	1	AN	MER	SL	P	SL	C	OS4		TMS	1	16.0
FRA BERLANGA	KIIF	11	AN	MER	SL	P	SL	C	OS4		TMS	1	16.0
FRANK LYKES	WFZO	2	AN	MER	A	P	A	C	OS4		MS	1	14.0
FREDERICK LYKES	WHTW	2	AN	MER	A	P	A	ELE	OS4	A	TMS	1	17.0
GALILEO FERRARIS (ITALY)	ICGH	23	AN	MER	S	P	S	C	SS		TMS	1	16.0
GALVESTON	KBGA	6,3	AN	MER	VS	P	SL	C	OS4		TMS	1	20.0
GARDEN STATE	KXFW	2	AN	MER	A	P	A	C	OS4		TMS	1	13.0
GATEWAY CITY	KYTB	6	AN	MER	A	P	A	C	OS4		TMS	1	16.0
GENEVA	KVBP	3	AN	MER	SL	P	SL	C	OS4		TMS	1	17.0
GENEVIVE LYKES	WJZA	2	AN	MER	A	P	A	ELE	OS4	A	TMS	1	17.0
GIBBES LYKES	KWIR	2	AN	MER	A	P	A	C	OS4		MS	1	14.0
GLOMAR CHALLENGER	WNCU	2	AN	MER	SL	P	SL	C	OS4	A	TMS	1	16.0

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GOLDEN BEAR	KHRD	20	AN	MER	A	P A	C	OS4		TMS	1	15.0
GOLDEN BEAR	KIYG	2	AN	MER	A	P A	C	OS4		TMS	1	13.0
GOLDEN STATE	KSUQ	2	AN	MER	A	P A	C	OS4		TMS	1	13.0
GOPHER STATE	KVUX	2	AN	MER	A	P A	C	OS4		MS	1	15.0
GREEN BAY	KPGS	2	AN	MER	A	P A	C	OS4		TMS	1	15.0
GREEN ISLAND	KEDG	2	AN	MER	A	P A	C	OS4		TMS	1	13.0
GREEN LAKE	KGWZ	2	AN	MER	A	P A	C	OS4		TMS	1	15.0
GREEN MOUNTAIN STATE	KHZB	3,20	AN	MER	A	P A	C	OS4		MS	1	16.0
GUAM BEAR	WGJO	20	AN	MER	SL	P SL	C	OS4		TMS	1	16.0
GULF BANKER	WLDH	11	AN	MER	A	P A	C	OS4	A	TMS	1	15.0
GULF FARMER	WLDN	11	AN	MER	A	P A	C	OS4	A	TMS	1	15.0
GULF MERCHANT	KGMK	11	AN	MER	A	P A	C	OS4	A	TMS	1	15.0
GULF SHIPPER	KEMP	11	AN	MER	A	P A	C	OS4	A	TMS	1	15.0
GULF TRADER	KRHI	11	AN	MER	A	P A	C	OS4	A	TMS	1	15.0
GUYANA VALLEY (LIBERIA)	5LWR	20	AN	MER	SL	P SL	C	SS		TMS	1	16.0
H.D.COLLIER	KKQE	3,5,25	AN	MER	A	P A	C	OS4		MS	1	16.0
HARRY CULBREATH	KKNY	2	AN	MER	A	P A	C	OS4		MS	1	14.0
HARRY LUNDEBERG (PANAMA)	HCTB	5,19	AN	MER	A	P A	C	OS4		MS	1	16.0
HAWAII	WEBW	20	AN	MER	A	P A	C	OS4	A	TMS	1	16.0
HAWAII BEAR	WGJA	20	AN	MER	SL	P SL	C	OS4		MS	1	16.0
HAWAIIAN	KPZP	19	AN	MER	A	P A	C	OS4		TMS	1	14.0
HAWAIIAN BUILDER	KKCO	19	AN	MER	A	P A	C	OS4		TMS	1	14.0
HAWAIIAN CITIZEN	KCUN	19	AN	MER	A	P A	C	OS4		TMS	1	16.0
HAWAIIAN FARMER	WQUO	19	AN	MER	A	P A	C	OS4		TMS	1	14.0
HAWAIIAN LEGISLATOR	KVQR	19	AN	MER	A	P A	C	OS4		TMS	1	14.0
HAWAIIAN MERCHANT	KKPX	19	AN	MER	A	P A	C	OS4		TMS	1	14.0
HAWAIIAN MONARCH	WNKP	19	AN	MER	A	P A	C	OS4		TMS	1	19.0
HAWAIIAN MOTORIST	KKPW	19	AN	MER	A	P A	C	OS4		TMS	1	21.0
HAWAIIAN QUEEN	KSVE	19	AN	MER	SL	P SL	C	OS4		TMS	1	20.0
HAWAIIAN RANCHER	WSUM	19	AN	MER	A	P A	C	OS4		TMS	1	14.0
HAWAIIAN REFINER	WKVB	19	AN	MER	A	P A	C	OS4		TMS	1	14.0
HAWAIIAN STANDARD	KOUC	5,18,19	AN	MER	A	P A	C	OS4		TMS	1	16.0
HEREDIA	KKRC	5,21,10	AN	MER	A	P A	C	OS4		MS	1	13.0
HIBUERAS	WRFA	3,10,17	AN	MER	A	P A	C	OS4		MS	1	11.0

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HILLYER BROWN	KKLA	3,5,20	AN	MER	A	P A	C	OS4		MS	1	16.0
HOEGH DYKE (NORWAY)	JXSR	20	AN	MER	SL	P SL	C	SS		TMS	1	13.0
HOEGH ELAN (NORWAY)	JXVW	20	AN	MER	SL	P SL	C	SS		TMS	1	13.0
HONG KONG BEAR	KFCE	20	AN	MER	A	P A	C	OS4		TMS	1	15.0
HONG KONG MAIL	WNPD	20	AN	MER	SL	P SL	C	OS4		TMS	1	17.0
HONGKONG CLIPPER (LIBERIA)	5MIC	21	AN	MER	US		C	OS4		MS	1	16.0
HOOSIER STATE	KPCD	2	AN	MER	SL	P SL	C	OS4		TMS	1	5.0
HOWELL LYKES	WLBP	2	AN	MER	A	P A	ELE	OS4	A	TMS	1	17.0
HURRICANE	KXVG	2	AN	MER	SL	P SL	C	OS4		TMS	1	17.0
IBERVILLE	KKTH	12,20	AN	MER	SL	P SL	C	OS4		TMS	1	16.0
IDAHO	KNKF	20	AN	MER	SL	P SL	C	OS4		TMS	1	22.0
IDAHO STANDARD	KXAX	5,20	AN	MER	A	P A	C	OS4		MS	1	16.0
ILIAMNA	KGMH	18	AN	MER	SL	P SL	C	OS4		TMS	1	
ILLINOIS	KFCJ	20	AN	MER	A	P A	C	OS4		TMS	1	16.0
INDIA BEAR	KKSI	20	AN	MER	A	P A	C	OS4		TMS	1	15.0
INDIAN MAIL	KADB	20	AN	MER	SL	P SL	C	OS4		TMS	1	19.0
INGER	KCSA	19,26	AN	MER	A	P A	C	OS4		TMS	1	16.0
J.H.MACGAREGILL	KKXX	5,18,19	AN	MER	A	P A	C	OS4		TMS	1	16.0
J.H.TUTTLE	KKCZ	5,18,19	AN	MER	A	P A	C	OS4		TMS	1	14.0
J.L.HANNA	KKYD	5,18,19	AN	MER	A	P A	C	OS4		TMS	1	16.0
J.LOUIS (LIBERIA)	5MGC	10,17	AN	MER	A	P A	C	OS4		TMS	1	14.0
J.M.MARTINAC	WX89	21	AN	MER	SL	P SL	C	SS		TM	2	3.0
JAMES LYKES	WHTS	2	AN	MER	A	P A	C	OS4	A	TMS	1	15.0
JAMES MCKAY	KKWP	2	AN	MER	A	P A	C	OS4		MS	1	14.0
JAPAN BEAR	KERL	20	AN	MER	A	P A	C	OS4		TMS	1	15.0
JAPAN MAIL	WLRL	20	AN	MER	A	P A	C	OS4		TMS	1	16.0
JEAN LYKES	WLAH	2	AN	MER	A	P A	C	OS4	A	TMS	1	15.0
JEFF DAVIS	KQKK	20	AN	MER	SL	P SL	C	OS4		TMS	1	16.0
JESSE LYKES	KKXV	2	AN	MER	A	P A	C	OS4		MS	1	14.0
JOHN B. WATERMAN	KKYW	12,20	AN	MER	A	P A	C	OS4		MS	1	14.0
JOHN LYKES	KIHD	2	AN	MER	A	P A	C	OS4	A	TMS	1	15.0
JOSEPH LYKES	WHTR	2	AN	MER	A	P A	C	OS4	A	TMS	1	15.0
JUNIOR	KMWM	17	AN	MER	S	P S	C	OS4		TMS	1	16.0
KENDALL FISH	KNAS	2	AN	MER	A	P A	C	OS4		MS	1	14.0

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KENNETH MCKAY	KNAU	2	AN	MER	A	P	A	C	OS4		MS	1	14.0
KEYSTONE STATE	KPFY	6	AN	MER	A	P	A	C	OS4		TMS	1	16.0
KEYTANKER	KIBF	4	AN	MER	A	P	A	C	OS4		TMS	1	14.0
KOREA BEAR	KLHM	20	AN	MER	A	P	A	C	OS4		TMS	1	15.0
KOREAN MAIL	WJGH	20	AN	MER	SL	P	SL	C	OS4		MS	1	16.0
KYSKA	KNFC	20	AN	MER	A	P	A	C	OS4		MS	1	16.0
LAFAYETTE	KRCU	23	AN	MER	A	P	A	C	OS4		TMS	1	16.0
LELAND I. DOAN	WLDE	3	AN	MER	SL	P	SL	C	OS4		TMS	1	13.0
LESLIE LYKES	WHTU	2	AN	MER	A	P	A	C	OS4	A	TMS	1	15.0
LETTITIA LYKES	KNEJ	2	AN	MER	A	P	A	ELE	OS4	A	TMS	1	17.0
LIGHTNING	KAFT	7	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
LIMON (H)	KCNN	10	AN	MER	A	P	A	C	OS4		TMS	1	16.0
LIPSCOMB LYKES	KCQG	2	AN	MER	A	P	A	C	OS4		MS	1	15.0
LONE STAR STATE	KFGH	2	AN	MER	A	P	A	C	OS4		MS	1	16.0
LONG BEACH	KPDV	12,20	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
LOS ANGELES	WTKD	2	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
LOUISE (PANAMA)	HPAI	17	AN	MER	A	P	A	C	OS4		TMS	1	17.0
LOUISE LYKES (NEW)	WLCV	2	AN	MER	A	P	A	ELE	OS4	A	TMS	1	17.0
LOUISE LYKES (OLD)	KCWG	2	AN	MER	A	P	A	ELE	OS4		TMS	1	14.0
LURLINE	WHEX	19	AN	MER	A	P	A	C	OS4		TMS	3	19.0
M.E.LOMBARDI	WGGF	5,19	AN	MER	A	P	A	C	OS4		MS	1	15.0
M.M. DANT	WJHA	20	AN	MER	A	P	A	C	OS4	A	TMS	1	16.0
MADAKET	KCXH	2	AN	MER	SL	P	SL	C	OS4		MS	1	14.0
MAGNOLIA STATE	KPSL	2	AN	MER	A	P	A	C	OS4		MS	1	13.0
MAHI (BRASIL)	ZFGU	19	AN	MER	A	P	A	C	OS4	A	T		8.0
MAIDEN CREEK	KPBU	17	AN	MER	A	P	A	C	OS4		TMS	1	14.0
MALLORY LYKES	KPLN	2	AN	MER	A	P	A	ELE	OS4	A	MS	1	14.0
MARE ITALICO (ITALY)	ICVT	1	AN	MER	SL	P	SL	C	SS		TMS	1	13.0
MARGARET LYKES	WJHN	2	AN	MER	A	P	A	C	OS4	A	TMS	1	15.0
MARINE TRANSPORT	KPIY	2	AN	MER	A	P	A	C	OS4		MS	1	13.0
MARIPOSA	KFCP	19,29	AN	MER	A	P	A	C	OS4		TMS	3	17.0
MARJORIE LYKES	KAXP	2	AN	MER	A	P	A	C	OS4	A	TMS	1	15.0
MARO DORICO (ITALY)	ICHL	10,20,22	AN	MER	VS	P	VS	C			TMS	1	13.0
MARYLAND TRADER	KFTZ	4	AN	MER	A	P	A	C	OS4		TMS	1	13.0

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MARYMAR	WKFO	3	AN	MER	A	P	A	C	OS4		TMS	1	19.0
MASON LYKES	KNFN	2	AN	MER	A	P	A	ELE	OS4	A	TMS	1	17.0
MAURY	KFQP	2	AN	MER	SL	P	SL	C	OS4		MS	1	13.0
MAYAGUEZ	WFZK	10	AN	MER	SL	P	SL	C	OS4		TMS	1	16.0
MAYO LYKES	KBNC	2	AN	MER	A	P	A	C	OS4	A	TMS	1	15.0
MC ARTHUR	WTEJ	25	AN	MER	SL	P	SL	C	OS4	A	TMS	1	9.0
METAPAN	KCUO	10,21	AN	MER	SL	P	SL	C	OS4		MS	1	13.0
MICHIGAN	KAIP	20	AN	MER	SL	P	SL	C	OS4		TMS	1	21.0
MOBILE	KPPH	4	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
MOBILIAN	KSWU	12,20	AN	MER	SL	P	SL	C	OS4		TMS	1	15.0
MONTANA	WXGO	20	AN	MER	SL	P	SL	C	OS4		TMS	1	21.0
MONTEREY	KFCN	19,29	AN	MER	A	P	A	C	OS4		TMS	4	18.0
MORMACALTAIR	WMSM	6	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
MORMACARGO	WMRG	6,9	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
MORMACBAY	WMDW	8	AN	MER	A	P	A	C	OS4		TMS	1	16.0
MORMACCAPE	WMDX	9	AN	MER	A	P	A	C	OS4		TMS	1	16.0
MORMACCOVE	WMDG	9,10,11	AN	MER	SL	P	SL	C	OS4		TMS	1	16.0
MORMACDAWN	KPRW	9	AN	MER	A	P	A	C	OS4		TMS	1	16.0
MORMACDRACO	WMSV	6	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
MORMACELM	KPSG	6	AN	MER	A	P	A	C	OS4		TMS	1	16.0
MORMACFIR	KPSI	9	AN	MER	A	P	A	C	OS4		TMS	1	16.0
MORMACGLEN	WMDL	9,10,11	AN	MER	S	P	S	C	OS4		TMS	1	16.0
MORMACGULF	KPUC	9,10	AN	MER	VS	P	VS	C	OS4		TMS	1	16.0
MORMACISLE	KPWJ	8	AN	MER	S	P	S	C	OS4		TMS	1	16.0
MORMACLAKE	WMDY	9,10,11	AN	MER	A	P	A	C	OS4		TMS	1	16.0
MORMACLAND	KPYA	9	AN	MER	SL	P	SL	C	OS4		TMS	1	16.0
MORMACLYNX	WMRU	6,9	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
MORMACMAIL	KYPW	9	AN	MER	S	P	S	C	OS4		TMS	1	16.0
MORMACCOAK	KWQP	6	AN	MER	A	P	A	C	OS4		TMS	1	16.0
MORMACPENN	KPYX	6	AN	MER	A	P	A	C	OS4		TMS	1	16.0
MORMACPINE	KPYU	6	AN	MER	A	P	A	C	OS4		TMS	1	16.0
MORMACPRIDE	WMDV	9	AN	MER	A	P	A	C	OS4		TMS	1	16.0
MORMACRIGEL	WMSF	6,9	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
MORMACRIO	KPZA	6	AN	MER	A	P	A	C	OS4		TMS	1	16.0

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MORMACSAGA	KPZC	9	AN	MER	A	P	A	C	OS4		TMS	1	16.0
MORMACSCAN	WMDZ	9,10,11	AN	MER	SL	P	SL	C	OS4		TMS	1	16.0
MORMACSTAR	KAJ	6	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
MORMACTRADE	WMRH	9,10,11	AN	MER	SL	P	SL	C	OS4		TMS	1	16.0
MORMACVEGA	WMRJ	6,9	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
MORNING LIGHT	WHEQ	20	AN	MER	A	P	A	C	OS4		TMS	1	16.0
NAESS SATURN (NORWAY)	JXUT	17,20	AN	MER	A	P	A	C	OS4		TMS	1	16.0
NANCY LYKES	WCUU	2	AN	MER	A	P	A	C	OS4	A	TMS	1	15.0
NEVADA STANDARD	KEDW	19,20,25	AN	MER	A	P	A	C	OS4		TMS	1	16.0
NEW ORLEANS	WHGO	18	AN	MER	SS	P	SL	C	OS4		TMS	1	6.0
NEWBERRY VICTORY	KQCU	6	AN	MER	S	P	S	C	OS4		TMS	1	16.0
NOONDAY	KQJT	20	AN	MER	SL	P	SL	C	OS4		TMS	1	16.0
NORMAN LYKES	KQFK	2	AN	MER	A	P	A	C	OS4		MS	1	13.0
NORTHERN STAR	KEHQ	1	AN	MER	A	P	A	C	OS4		MS	1	16.0
NORTHFIELD	KCJV	4	AN	MER	A	P	A	C	OS4		TMS	1	13.0
NORTHWESTERN VICTORY	KQGQ	12,23	AN	MER	A	P	A	C	OS4		TMS	1	13.0
OCEAN CARRIER (PANAMA)	HPNX	21	AN	MER	A	P	A	C	OS4		MS	1	19.0
OCEANOGRAPHER	WTPE	18,19	AN	MER	SL	P	SL	C	OS4	A	TMS	1	11.0
OLD DOMINION STATE	KASG	2	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
OREGON	KKFW	20	AN	MER	A	P	A	C	OS4	A	TMS	1	20.0
OREGON BEAR	KFCH	20	AN	MER	A	P	A	C	OS4		TMS	1	15.0
OREGON MAIL	KCAK	20	AN	MER	A	P	A	C	OS4		TMS	1	16.0
OREGON STANDARD	KTKW	5,18,19	AN	MER	A	P	A	C	OS4		TMS	1	16.0
ORIENTAL RIC	BMHA	1	AN	MER	SL	P	SL	C	SS		TMS	2	19.0
OVERSEAS ALICE	WCVL	18	AN	MER	SL	P	SL	C	OS4		TMS	1	6.0
PACIFIC BANKER	KKPQ	20	AN	ALC	S	P	S	C	OS4		TMS	1	22.0
PACIFIC BEAR	KGUJ	20	AN	MER	A	P	A	C	OS4		TMS	1	15.0
PACIFIC TRADER	KKPZ	20	AN	ALC	S	P	S	C	OS4		TMS	1	22.0
PALMETTO STATE	KHWA	7	AN	MER	S	P	S	C	OS4		TMS	1	16.0
PANAMA	KPGL	12,20	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
PARISMINA	KQNE	10	AN	MER	A	P	A	C	OS4		TMS	1	16.0
PATHFINDER	WTEO	5,18	AN	MER	A	P	A	C			TMS	1	9.0
PENMAR	KNCE	3	AN	MER	A	P	A	C	OS4		TMS	1	19.0
PENNSYLVANIA GETTY	5LVQ	1	AN	MER	S	P	S	C	SS		TMS	1	

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PERMANENTE SILVERBOW	WQIQ	5	AN	MER	A	P	A	C	OS4		MS	1	13.0
PETROCHEM	KHVV	4	AN	MER	S	P	A	C	OS4		MS	1	11.0
PHILADELPHIA	WJCO	2	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
PHILIPPINE BEAR	WEIL	20	AN	MER	A	P	A	C	OS4		TMS	1	19.0
PHILIPPINE MAIL	KEJP	20	AN	MER	A	P	A	C	OS4		TMS	1	16.0
PHILLIPS KANSAS (LIBERIA)	5MPY	20	AN	MER	SL	P	SL	C	OS4	A	TMS	1	19.0
PHILLIPS LOUISIANA (LIBERIA)	5MYE	20,21	AN	MER	SL	P	SL	C	OS4	A	TMS	1	16.0
PHILLIPS OKLAHOMA (LIBERIA)	5MUM	20	AN	MER	SL	P	SL	C	OS4	A	TMS	1	19.0
PHILLIPS OREGON (LIBERIA)	6ZBX	2,20	AN	MER	SL	P	SL	C	OS4	A	TMS	1	19.0
PINE TREE STATE	KSLD	2	AN	MER	SL	P	SL	C	OS4		TMS	1	13.0
PIONEER COMMANDER	WJNB	12	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
PIONEER CONTENDER	WMEC	6	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
PIONEER CONTRACTOR	KBJB	6	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
PIONEER COVE	KQNX	28	AN	MER	A	P	A	C	OS4		TMS	1	16.0
PIONEER CRUSADER	WHAO	6	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
PIONEER MAIN	KFCX	20,26	AN	MER	SL	P	SL	C	OS4		TMS	1	16.0
PIONEER MING	KFGJ	7	AN	MER	A	P	A	C	OS4		TMS	1	19.0
PIONEER MOON	WJJX	6	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
PIONEER MYTH	KFEY	12	AN	MER	A	P	A	C	OS4		TMS	1	19.0
PIONEER TIDE	KQCP	12	AN	MER	A	P	A	C	OS4		TMS	1	16.0
PITTSBURGH	KCBA	20	AN	MER	SL	P	SL	C	OS4		TMS	1	23.0
POLARLIGHT	DNGV	21	AN	MER	SL	P	SL	C	SS		TMS	1	13.0
PONCE	WFZY	10	AN	MER	SL	P	A	C	OS4		TMS	1	16.0
PONCE DE LEON	WPJR	10	AN	MER	SL	P	SL	C	OS4		TMS	1	30.0
PORTMAR	WKFP	3	AN	MER	A	P	A	C	OS4		MS	1	19.0
PRESIDENT ADAMS	KFEO	1	AN	MER	A	P	A	C	OS4		MS	1	19.0
PRESIDENT ARTHUR	KFCO	1	AN	MER	A	P	A	C	OS4		MS	1	19.0
PRESIDENT BUCHANAN	KFEB	1	AN	MER	A	P	A	C	OS4		TMS	1	19.0
PRESIDENT CLEVELAND	WITM	20	AN	MER	A	P	A	C	OS4		TMS	4	18.0
PRESIDENT COOLIDGE	KFGM	1	AN	MER	A	P	A	C	OS4		MS	1	19.0
PRESIDENT FILLMORE	KRDH	20	AN	MER	SL	P	SL	C	OS4		MS	1	21.0
PRESIDENT GARFIELD	KFCR	1	AN	MER	A	P	A	C	OS4		TMS	1	19.0
PRESIDENT GRANT	KNLB	2	AN	MER	SL	P	SL	C	OS4		MS	1	20.0

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PRESIDENT HARDING	KQRB	12,20	AN	MER	A	P	A	C	OS4	MS	1	16.0
PRESIDENT HARRISON	WCJI	20	AN	MER	S	P	S	C	OS4	TMS	1	17.0
PRESIDENT HAYES	KFCD	1	AN	MER	A	P	A	C	OS4	MS	1	19.0
PRESIDENT HOOVER	KQPO	12,20	AN	MER	A	P	A	C	OS4	TMS	1	16.0
PRESIDENT JACKSON	KFCT	1	AN	MER	A	P	A	C	OS4	MS	1	19.0
PRESIDENT JEFFERSON	KQPX	12,20	AN	MER	A	P	A	C	OS4	MS	1	16.0
PRESIDENT LINCOLN	WGXY	20	AN	MER	A	P	A	C	OS4	MS	1	19.0
PRESIDENT MADISON	KQQE	12,20	AN	MER	A	P	A	C	OS4	MS	1	16.0
PRESIDENT MCKINLEY	WVFZ	20	AN	MER	SL	P	SL	C	OS4	MS	1	20.0
PRESIDENT MONROE	WLDK	20	AN	MER	A	P	A	C	OS4	MS	1	16.0
PRESIDENT PIERCE	KQQO	12,20	AN	MER	A	P	A	C	OS4	MS	1	16.0
PRESIDENT POLK	WNEI	20	AN	MER	S	P	S	C	OS4	TMS	1	16.0
PRESIDENT ROOSEVELT	KBNY	20	AN	MER	A	P	A	C	OS4	MS	3	19.0
PRESIDENT TAFT	WLDT	20	AN	MER	SL	P	SL	C	OS4	TMS	1	20.0
PRESIDENT TAYLOR	KFEX	20	AN	MER	A	P	A	C	OS4	MS	1	19.0
PRESIDENT TYLER	WGNF	20	AN	MER	A	P	A	C	OS4	MS	1	19.0
PRESIDENT VAN BUREN	WWPI	12,20	AN	MER	SL	P	SL	C	OS4	MS	1	20.0
PRESIDENT WILSON	WBXN	20	AN	MER	A	P	A	C	OS4	TMS	4	19.0
PRUDENTIAL OCEAN JET	KNQS	7	AN	MER	SL	P	SL	C	OS4	TMS	1	19.0
PRUDENTIAL SEA JET	KFFJ	7	AN	MER	SL	P	SL	C	OS4	TMS	1	20.0
QUEEN ANNA MARIA (GREECE)	SYXX	7	AN	MER	SL	P	SL	C	OS4	TMS	3	20.0
R.G.FOLLIS (LIBERIA)	6ZJE	2	AN	MER	SL	P	SL	C	OS4	TMS	1	18.0
RAPHAEL SEMMES	KGJN	10	AN	MER	SL	P	SL	C	OS4	TMS	1	16.0
REGINA (H) (SWITZERLAND)	HBDR	7	AN	MER	SL	P	SL	C	OS4		1	
REUBEN TIPTON	KQTF	2	AN	MER	A	P	A	C	OS4	MS	1	14.0
RICE QUEEN	KWXR	3	AN	MER	A	P	A	C	OS4	TMS	1	16.0
RICHARD (LIBERIA)	5LIK	17	AN	MER	A	P	A	C	OS4	TMS	1	14.0
ROBIN GOODFELLOW	KQTT	8	AN	MER	A	P	A	C	OS4	TMS	1	16.0
ROBIN GRAY	KRXR	8	AN	MER	A	P	A	C	OS4	TMS	1	16.0
ROBIN HOOD	KQTW	8	AN	MER	A	P	A	C	OS4	TMS	1	16.0
ROBIN KIRK	WFXJ	8	AN	MER	A	P	A	C	OS4	TMS	1	16.0
ROBIN MOWBRAY	KILI	8	AN	MER	A	P	A	C	OS4	TMS	1	16.0
ROBIN SHERWOOD	WMRS	8	AN	MER	A	P	A	C	OS4	TMS	1	16.0
ROBIN TRENT	WJMC	8	AN	MER	A	P	A	C	OS4	TMS	1	16.0

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ROSE CITY	KYVN	20	AN	MER	SL	P	SL	C	OS4		TMS	1	26.0
RUTH LYKES (NEW)	KCHB	2	AN	MER	A	P	A	ELE	OS4	A	TMS	1	17.0
RUTH LYKES (OLD)	KQVJ	2	AN	MER	A	P	A	C	OS4		MS	1	14.0
SAN FRANCISCO	WTKA	20	AN	MER	SL	P	SL	C	OS4	ST	TMS	1	19.0
SAN JOSE	KQWM	18,19	AN	MER	SL	P	SL	C	OS		MS	1	13.0
SAN JUAN	KFER	10	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
SANTA ANA	KSEP	21	AN	MER	SL	P	SL	C	OS4		TMS	1	15.0
SANTA CLARA	WLGP	9	AN	MER	A	P	VS	C	OS4		TMS	1	16.0
SANTA CRISTINA	KQYA	9	AN	MER	A	P	VS	C	SS		TMS	1	16.0
SANTA ELENA	WLGB	9	AN	MER	A	P	A	C	OS4		TMS	3	16.0
SANTA ELIANA	KQLS	21	AN	MER	A	P	A	C	OS4		TMS	1	15.0
SANTA ISABEL	WLGT	9	AN	MER	A	P	A	C	SS		TMS	3	16.0
SANTA LUCIA	KRFC	9	AN	MER	A	P	A	C	OS4		TMS	1	16.0
SANTA LUISA	KQYC	9	AN	MER	A	P	A	C	SS		TMS	1	16.0
SANTA MAGDALENA	KAAH	21	AN	MER	SL	P	SL	C	OS4		TMS	1	16.0
SANTA MARGARITA	KQYD	10	AN	MER	A	P	A	C	SS		TMS	3	19.0
SANTA MARIA	KAFC	21	AN	MER	SL	P	SL	C	SS	A	TMS	1	16.0
SANTA MARIANA	WSNA	21	AN	MER	SL	P	SL	C	SS	A	TMS	3	19.0
SANTA MERCEDES	WHBH	11	AN	MER	SL	P	SL	C	OS4	A	TMS	3	19.0
SANTA MONICA	KQWR	9	AN	MER	A	P	VS	C	SS		TMS	1	16.0
SANTA PAULA	KPHM	10	AN	MER	A	P	A	C	SS	A	TMS	4	19.0
SANTA ROSA	KHCJ	9	AN	MER	A	P	A	C	SS	A	TMS	4	19.0
SANTA SOFIA	KQWE	9	AN	MER	A	P	A	C	OS4		TMS	1	16.0
SAVANNAH	KSAV	2	AN	MER	A	P	A	C	OS4	A	TMS	1	16.0
SEA WITCH	KAFO	6	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0
SEAMAR	WKFN	3	AN	MER	A	P	A	C	OS4		TMS	1	21.0
SHELDON LYKES	KEAY	2	AN	MER	A	P	A	C	OS4	A	TMS	1	15.0
SHIRLEY LYKES	WJDH	2	AN	MER	A	P	A	C	OS4	A	TMS	1	15.0
SIENA (DENMARK)	OYYD	23	AN	MER	A	P	A	C	SS		MS	1	
SIERRA	KKCM	19,29	AN	MER	A	P	A	C	OS4		TMS	1	15.0
SOLON TURMAN	WNAJ	2	AN	MER	A	P	A	C	OS4	A	TMS	1	15.0
SONOMA	KHTF	19,29	AN	MER	A	P	A	C	OS4		TMS	1	14.0
SOONER STATE	KQJC	2	AN	MER	S	P	S	C	OS4		TMS	1	16.0

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STADT WOLFSBURG (GERMANY)	DCWE	23	AN	MER	S	P S	C	SS		TMS 1	19.0
STAR BAY (NORWAY)	JXPK	2	AN	MER	SL	P SL	C	SS		TMS 1	17.0
STEEL ADMIRAL	KHNL	4	AN	MER	A	P A	C	OS4		TMS 1	16.0
STEEL ADVOCATE	WPIV	1	AN	MER	A	P A	C	OS4		MS 1	16.0
STEEL AGE	KYLS	2	AN	MER	A	P A	C	OS4		TMS 1	16.0
STEEL APPRENTICE	KIWI	1	AN	MER	A	P A	C	OS4		TMS 1	16.0
STEEL ARCHITECT	KRKJ	1	AN	MER	A	P A	C	OS4		TMS 1	16.0
STEEL ARTISAN	KRLR	2	AN	MER	A	P A	C	OS4		TMS 1	16.0
STEEL CHEMIST	KRLV	2	AN	MER	A	P A	C	OS4		TMS 1	16.0
STEEL DESIGNER	KRMR	12,20	AN	MER	A	P A	C	OS4		TMS 1	16.0
STEEL DIRECTOR	KVMO	12,20	AN	MER	A	P A	C	OS4		TMS 1	16.0
STEEL EXECUTIVE	KRCL	26	AN	MER	A	P A	C	OS4		TMS 1	16.0
STEEL FABRICATOR	KRQQ	12,20	AN	MER	A	P A	C	OS4		TMS 1	16.0
STEEL FLYER	KYEQ	12,20	AN	MER	A	P A	C	OS4		TMS 1	16.0
STEEL KING	KIWM	26	AN	MER	A	P A	C	OS4		TMS 1	16.0
STEEL MAKER	KRRB	2	AN	MER	A	P A	C	OS4		TMS 1	16.0
STEEL NAVIGATOR	KRRD	1	AN	MER	A	P A	C	OS4		TMS 1	16.0
STEEL ROVER	KIWP	2	AN	MER	A	P A	C	OS4		TMS 1	16.0
STEEL SCIENTIST	KRRI	7	AN	MER	A	P A	C	OS4		TMS 1	16.0
STEEL SEAFARER	KRRJ	2	AN	MER	A	P A	C	OS4		TMS 1	16.0
STEEL SURVEYOR	KVUO	2	AN	MER	A	P A	C	OS4		TMS 1	16.0
STEEL TRAVELER	KRRL	1	AN	MER	A	P A	C	OS4		TMS 1	16.0
STEEL VENDOR	KSYV	1	AN	MER	SL	P SL	C	OS4		TMS 1	16.0
STEEL VOYAGER	KIWU	2	AN	MER	A	P A	C	OS4		TMS 1	16.0
STEEL WORKER	KRRN	1	AN	MER	A	P A	C	OS4		TMS 1	16.0
STELLA LYKES (NEW)	KNJA	2	AN	MER	A	P A	ELE	OS4 A		TMS 1	17.0
STELLA LYKES (OLD)	KRRP	2	AN	MER	A	P A	C	OS4		MS 1	14.0
SUE LYKES	KRRQ	2	AN	MER	A	P A	C	OS4		MS 1	14.0
SUMMIT	KXDW	4	AN	MER	SL	P SL	C	OS4		TMS 1	16.0
SUNSHINE STATE	WEUD	12	AN	MER	W	P W	C	OS4		TMS 1	14.0
SURFER	WHOZ	28	AN	MER	SL	P A	C	OS4		TMS 1	16.0
SURVEYOR	WTES	18,19	AN	MER	A	P A	C	OS4 A ST		TS 1	10.0
SYLVIA LYKES	KSFL	2	AN	MER	A	P A	C	OS4		MS 1	14.0

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TEDEWATER (LIBERIA)	5LCE	1	AN	MER	S	P S	C	SS		TMS	1
TETELA (HONDURAS)	HQBU	22	AN	MER	SL	P SL	C	SS		TMS	1
TEXAN	KPZI	2	AN	MER	A	P A	C	OS4		MS	1
TEXAS CLIPPER	KVWA	2	AN	MER	A	P A	C	OS4	A	TMS	14.0
TEXAS GETTY (LIBERIA)	6ZCE	20	AN	MER	SL	P SL	C	SS	A	TMS	19.0
THAILAND BEAR	WSKX	20	AN	MER	SL	P SL	C	OS4		TMS	16.0
THOMAS G. THOMPSON	KGWT	2	AN	MER	SL	P SL	C	OS4	A	TMS	7.0
THOMAS WASHINGTON	KGWU	2	AN	ELE	A	P A	C	OS4	A	TMS	7.0
THOMPSON LYKES	KFHX	2	AN	MER	A	P A	C	OS4	A	TMS	15.0
THORSGAARD (NORWAY)	LALK	29	AN	MER	SL	P SL	C	SS		TMS	14.0
TILLIE LYKES	KSKN	2	AN	MER	A	P A	C	OS4		MS	15.0
TOPA TOPA	KSNS	13	AN	MER	A	P A	C	OS4		MS	14.0
TOWNSEND CROMWELL	WTCF	25	AN	MER	A	P A	C	OS4	A, ST	TMS	5.0
TRANSBORINQUEN	KTHY	10	AN	MER	SL	P SL	C	OS4		TMS	16.0
TRANSCARIBBEAN	KAKB	10	AN	MER	SL	P SL	C	OS4		TMS	16.0
TRANSOCEANIC ENTERPRISE	KBVP	6	AN	MER	A	P A	C	OS4		TMS	16.0
TRENTON	KPOV	20	AN	MER	SL	P SL	C	OS4		TMS	19.0
TYSON LYKES	KTJN	2	AN	MER	A	P A	C	OS4		MS	14.0
ULUA	WVBZ	3,10,17	AN	MER	A	P A	C	OS4		MS	11.0
UTAH STANDARD	KQTI	4,20	AN	MER	A	P A	C	OS4		MS	13.0
VANTAGE PROGRESS	WMWS	20	AN	MER	A	P A	C	OS4		TMS	16.0
VELMA LYKES (NEW)	KVMU	2	AN	MER	A	P A	ELE	OS4	A	TMS	17.0
VELMA LYKES (OLD)	KTJR	2	AN	MER	A	P A	C	OS4		MS	14.0
VENTURA	KRUW	19,29	AN	MER	A	P A	C	OS4		TMS	14.0
VOLUNTEER STATE	KPNX	6	AN	MER	A	P A	C	OS4		TMS	16.0
WALTER RICE	KCSE	26	AN	MER	SL	P SL	C	OS4		TMS	15.0
WARRIOR	KCRY	6	AN	MER	SL	P SL	C	OS4		TMS	16.0
WASHINGTON	WPHI	20	AN	MER	A	P A	C	OS4	A	TMS	17.0
WASHINGTON BEAR	KFCL	20	AN	MER	A	P A	C	OS4		TMS	15.0
WASHINGTON MAIL	WLRK	20	AN	MER	A	P A	C	OS4		TMS	16.0
WASHINGTON STANDARD	WSUL	5,18,19	AN	MER	A	P A	C	OS4		TMS	16.0
WILD RANGER	KTZI	12,20	AN	MER	A	P A	C	OS4		MS	16.0
WILLIAM LYKES	KURS	2	AN	MER	A	P A	C	OS4		MS	14.0

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WOLVERINE STATE	KPHR	6	AN	MER	A	P A	C	OS4		TMS 1	16.0
WYOMING	WLGF	20	AN	MER	SL	P SL	C	OS4		TMS 1	23.0
YAKA	KSUY	20	AN	MER	A	P A	C	OS4		TMS 1	16.0
YAQUE	KVVM	3,10,17	AN	MER	A	P A	C	OS4		MS 1	11.0
YAQUINA	WFNA	5	AN	MER	S	P S	C	OS4	A, ST	T 2	7.0
YORKMAR	KMDD	3	AN	MER	A	P A	C	OS4		TMS 1	19.0
ZOELLA LYKES	WELN	2	AN	MER	A	P A	C	OS4	A	TMS 1	15.0

Supplementary Ships

ACHILLES	WJHT	18	AN	MER	SL	P SL	C	OS4		TMS 1	17.0
ADONIS (NETHERLAND)	PCDX	13,17	AN	ALC	S	P S	C			TMS 1	11.0
AEGIS (NETHERLAND)	PCED	13,17	AN	ALC	S	P S	C			TMS 1	11.0
AGUASCALIENTES (MEXICO)	XCAR	27	AN	MER	SL	P SL	C			TMS 1	13.0
ALAMEDA (DENMARK)	OZTV	23	AN	MER	SL	P SL	C			TMS 1	19.0
ALASKA STANDARD	WHDN	18	AN	ALC	US		C			TMS 1	16.0
ALBANY (SWEDEN)	SIJC	18,19	AN	MER	SL	P SL	C			TMS 1	15.0
ALTIMTRA (LIBERIA)	ELVI	2	AN	MER	SL	P SL	C			TMS 1	13.0
AMERICAN HAWK	KYFI	12,20	AN	MER	S	P S	C			MS 1	16.0
AMERICAN PRIDE	KAEX	20	AN	ALC	VS	P VS	C			MS 1	15.0
AMMON (H) (NETHERLAND)	PCPA	9	AN	MER	S	P S	C		TMS	TMS 1	11.0
ANDREAS U. (NORWAY)	LJDS	2	AN	MER	SL	P SL	C			TMS 1	24.0
ANETTE MAERSK (DENMARK)	OYRE	12,20	AN	MER	SL	P SL	C			TMS 1	13.0
ANGELBURG (GERMANY)	DAMM	17,22	AN	MER	SL	P SL	C			TMS 1	12.0
ANGO STREAM (NORWAY)	LMJK	2	AN	MER	SL	P SL	C			TMS 1	17.0
ANNA MARIA D'AMICO (ITALY)	ICWH	23	AN	MER	SL	P SL	C			TMS 1	13.0
ANNA REHDER (GERMANY)	DGCR	2	AN	ALC	US		C			TMS 1	10.0
ANNISTA L. (LIBERIA)	6ZEP	11,12	AN	ALC	US		C			TMS 1	20.0
ARAWK	SDHT	2	AN	MER	SL	P SL	C			TMS 1	13.0
ARIADNE (H) (LIBERIA)	5MGK	10	AN	MER	SL	P SL	C			TMS 3	19.0
ARTEMIS (NETHERLAND)	PCUU	13,17	AN	MER	VS	P VS	C			TMS 1	11.0
ARTLENBURG (GERMANY)	DACA	17,22	AN	MER	SL	P SL	C			TMS	10.0

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ASSEBURG (GERMANY)	DANP	17,22	AN	MER	SL	P	SL	C		TMS	1	14.0
ATENAS (HONDURAS)	HRDL	3,10,17	AN	MER	SL	P	SL	C		TMS	1	11.0
ATITLAN (SPAIN)	SLTI	22	AN	MER	SL	P	SL	C		TMS	1	13.0
ATLANTIC CARACAS (H) (LIBERIA)	ELUM	3,9,10	AN	MER	SL	P	SL	C		TMS	1	13.0
ATLANTIC COMMUNICATOR (H)	KFBN	7,10	AN	MER	S	P	S	C		TMS	1	13.0
ATLANTIC ENDEAVOR (H)	KALD	4	AN	MER	SL	P	SL	C		TMS	1	13.0
ATLANTIC ENGINEER	KENG	16	AN	MER	S	P	S	C		TMS	1	13.0
ATLANTIC ENTERPRISE (H)	KALC	4	AN	MER	SL	P	SL	C		TMS	1	13.0
ATLANTIC HERITAGE (H)	KAHA	4	AN	MER	SL	P	SL	C		TMS	1	13.0
ATLANTIC NAVIGATOR (H)	KNAR	17	AN	MER	S	P	S	C		TMS	1	13.0
ATLANTIC PRESTIGE (H)	WLCU	4	AN	MER	SL	P	SL	C		TMS	1	13.0
ATLANTIC TRADER (H)	KCSX	27	AN	MER	S	P	S	C		TMS	1	13.0
ATLANTICE (SWEDEN)	SIDV	2	AN	MER	SL	P	SL	C		TMS	1	13.0
ATTIS (NETHERLANDS)	PCVY	13,17	AN	ALC	S	P	S	C		TMS	1	13.0
AUGUSTENBURG (GERMANY)	DANR	17,22	AN	ALC	US			C		TMS	1	13.0
AVILA	KAKL	5	AN	MER	US			C		TMS	1	13.0
AVONFIELD (U.K.)	GYCK	20,29	AN	MER	SL	P	SL	C		TMS	1	17.0
AZTECA (MEXICO)	XCAH	13	AN	MER	SL	P	SL	C	ST	TMS	1	19.0
BALLACE (SWEDEN)	SIKD	22	AN	MER	S	P	S	C		TMS	1	14.0
BALTO (NORWAY)	JXPS	2	AN	MER	SL	P	SL	C		TMS	1	19.0
BANGOR (NORWAY)	LMJE	13	AN	ALC	US	P	US	C		TMS	1	14.0
BAUMARE (NORWAY)	JWTZ	17	AN	MER	SL	P	SL	C	A	TMS	1	14.0
BALTA (NORWAY)	JWUI	17	AN	MER	SL	P	SL	C		TMS	1	14.0
BAVANG (NORWAY)	JXWL	13	AN	MER	SL	P	SL	C		TMS	1	19.0
BELGRANC (GERMANY)	DGDB	23	AN	MER	SL	P	SL	C	SS	TMS	1	17.0
BELLA MAERSK (GERMANY)	CVTM	2	AN	MER	SL	P	SL	C		TMS	1	19.0
BELO MUNDO (LIBERIA)	5LEN	20	AN	MER	SL	P	SL	C		TMS	1	22.0
BENNINGTON	KEZG	2	AN	MER	US	P	US	C		TMS	1	13.0
BOLINAS (NORWAY)	LAWD	23	AN	MER	SL	P	SL	C		TMS	1	14.0
BOLIVAR (LIBERIA)	ELUL	13	AN	ALC	US			C		TMS	1	14.0
BONANZA (NORWAY)	LACG	23	AN	MER	SL	P	SL	C		TMS	1	15.0
BORGILA (NORWAY)	LAEJ	2	AN	MER	SL	P	SL	C		TMS	1	26.0
BORNHEIM (GERMANY)	DEHZ	2	AN	MER	S	P	S	C		TMS	1	

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BOURNEMOUTH (LIBERIA)	ELYD	2	AN	MER	SL	P	SL	C		MS	1	13.0
BRADFORD ISLAND (H)	KCZC	4	AN	MER	S	P	S	C		TMS	1	16.0
BREMEN (GERMANY)	DDQP	6	AN	MER	VS	P	SL	C	SS	TMS	4	22.0
BREUGHEL	CNBB	6,8	AN	MER	VS	P	SL	BU	SS	TMS	1	19.0
BRIGIT MAERSK	CVSX	2	AN	MER	A	P	A	C		TMS	1	19.0
BRIMANGER (NORWAY)	JXLN	21	AN	MER	SL	P	SL	C		TMS	1	10.0
BRUNSTOR (GERMANY)	DGBT	17	AN	MER	SL	P	SL	C	SS	TMS	1	11.0
BUCKEYE PACIFIC	KKTQ	2	AN	MER	SL	P	SL	C		TMS	1	17.0
BUFFALO (NORWAY)	LACB	2	AN	MER	SL	P	SL	C		TMS	1	14.0
BURBARD (NORWAY)	LJMD	23	AN	MER	SL	P	SL	C		TMS	1	12.0
CANTIGNY	KDYC	14	AN	MER	SL	P	VS			TMS	1	19.0
CAP BLANCO (H) (GERMANY)	DIII	9,10,11	AN					C		TMS	1	16.0
CAP CASTILLO (H) (GERMANY)	DAFO	9,10,11	AN	MER	SP	P	SL	C		TMS	1	16.0
CAP DELGADO (H) (GERMANY)	DAQN	9,11	AN	MER	SL	P	SL	C		TMS	1	16.0
CAP FRIC (LIBERIA)	5LAF	20,29	AN	MER	SL	P	SL	C	SS	MS	1	13.0
CAP VERDE (GERMANY)	DHBL	29	AN	MER	SL	P	SL	C		TMS	1	15.0
CAP YORK	SKFN	29	AN	MER	SL	P	SL	C		TMS	1	14.0
CARIBIA	HBLA	14	AN	MER	SL	P	SL	C		TMS	1	16.0
CARMEN	SMAI	23	AN	MER	SL	P	SL	C		TMS	1	17.0
CAROLINA (LIBERIA)	ELSY	2	AN	ALC	S	P	S	C		TMS	1	20.0
CATAWEA FORD	WMUE	5,19	AN	MER	SL	P	SL	C		TMS	1	13.0
CAVALA (LIBERIA)	ELXJ	17	AN	MER	SL	P	SL	C		TMS	1	19.0
CECILIE MAERSK (DENMARK)	CUWM	1	AN	MER	VS	P	VS	C		TMS	1	19.0
CELERINA	HBDB	2	AN	MER	SL	P	SL	C		MS	1	13.0
CHALLENGER (LIBERIA)	6ZLN	10,17	AN	MER	SL	P	SL	C		TMS	1	18.0
CHASTINE MAERSK (DENMARK)	CWCI	12,20	AN	MER	S	P	S	C		TMS	1	16.0
CHEVRON LIEGE (PANAMA)	HOYS	2	AN	MER	SL	P	SL	C		TMS	1	19.0
CHEVRON TRANSPORTER (H) (LIBERIA)	ELBJ	10	AN	MER	S	P	S	C		TMS	1	
CHIRON (NETHERLAND)	PDIK	2	AN	MER	SL	P	SL	C		TMS	1	11.0
CITACEL (SWEDEN)	SDIT	2	AN	ALC	US			C		TMS	1	19.0
CIUDAD DE VALENCIA (H) (VENEZUELA)	YVGH	10	AN	MER	SL	P	SL	C		MS	1	16.0
CLARA MAERSK (DENMARK)	CWIK	20	AN	MER	SL	P	SL	C		TMS	2	17.0
COLUMBIA	KGYS	3	AN	MER	A	P	A	BU		TMS	1	17.0

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COLUMBIA BARON	KWTP	20	AN	MER	SL	P	SL	C		TMS	1	13.0
COLUMBIA TIGER	KIER	2	AN	MER	SL	P	SL	C		TMS	1	14.0
CORANTIJN (NETHERLAND)	PZAZ	17	AN	MER	SL	P	SL	C		TMS	1	13.0
COSMOS MARINER	KQYP	2	AN	MER	S	P	S	C		TMS	1	20.0
CRISPIN (H) (U.K.)	GVGG	9	AN	MER	S	P	S	C		TMS	1	13.0
CUYAHOGA (NORWAY)	LAKP	13	AN	ALC	US			C		TMS	1	14.0
DELAWARE SUN (H)	KJDN	4	AN	MER	SL	P	SL	C		TMS	1	13.0
DERWENTFIELD (U.K.)	GWYA	20	AN	MER	SL	P	SL	C		TMS	1	17.0
DONA VIVIANA (U.K.)	VRFX	20	AN	ALC	S			C		MS	1	
EAGLE COURIER (H)	WIGF	4	AN	MER	SL	P	SL	C		TMS	1	15.0
EAGLE LEADER	KMLD	2	AN	MER	SL	P	SL	C		TMS	1	19.0
EASTERN STAR	WCVT	2	AN	MER	SL	P	SL	C	OS4	MS	1	13.0
EASTERN SUN (H)	KFBT	4	AN	MER	A	P	A	C		TMS	1	13.0
ECLIPSE	KJFA	18	AN	MER	S	P	S	C		TMS	1	16.0
EFFIE MAERSK (DENMARK)	CUNJ	12,20	AN	MER	SL	P	SL	C		TMS	1	15.0
EL CAFETERO (LIBERIA)	ELVV	13,17	AN	MER	SL	P	SL	C		MS	1	10.0
ELMER R.PETERSON (LIBERIA)	5MWS	20	AN	MER	SL	P	SL	C		TMS	1	19.0
EMS ORE (LIBERIA)	5MCO	13	AN	MER	SL	P	SL	C		MS	1	13.0
ESCHERSHEIM (GERMANY)	DEHT	13,17	AN	MER	SL	P	SL	C		TMS	1	18.0
ESSO BANGOR (H)	KEAH	4	AN	MER	A	P	A	C	A	TMS	1	13.0
ESSO BROOKLYN (PANAMA)	HPKK	9,16	AN	ALC	VS	P	VS	C		TMS	1	13.0
ESSO CHILE (H) (PANAMA)	HOYB	9	AN	MER	SL	P	SL	C		TMS	1	16.0
ESSO FLORENCE	KEAK	4	AN	MER	A	P	A	C	A	TMS	1	13.0
ESSO GLOUCESTER (H)	KEAI	4	AN	MER	A	P	A	C	A	TMS	1	13.0
ESSO KOBE (PANAMA)	HPHB	7,14	AN	ALC	VS	P	VS	C		TMS	1	15.0
ESSO LIMA (H)	KGFA	4	AN	MER	A	P	A	C	A	TMS	1	13.0
ESSO MIAMI (H)	KTSN	4	AN	MER	A	P	A	C	A	TMS	1	13.0
ESSO NEW YORK (H)	KPRF	4	AN	MER	SL	P	SL	C	A	TMS	1	13.0
ESSO PANAMA (H) (PANAMA)	HPMP	6	AN	MER	S	P	S	C		TMS	1	16.0
ESSO PUERTO RICO (H) (PANAMA)	HPMQ	10	AN	MER	S	P	S	C		TMS	1	16.0
ESSO SAN FRANCISCO	KAAC	4	AN	MER	SL	P	SL	C	A	TMS	1	20.0
ESSO SCRANTON (H)	WQQV	4	AN	MER	SL	P	SL	C	A	TMS	1	13.0

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ESSO SEATTLE	KNBL	12	AN	MER	SL	P	SL	C		TMS	1	15.0
ESSO URUGUAY (H) (PANAMA)	HPMF	9	AN	MER	SL	P	SL	C		TMS	1	16.0
EVAMO (NORWAY)	LCYN	20	AN	MER	SL	P	SL	C		TMS	1	18.0
EVANGER (NORWAY)	LJIB	21	AN	MER	SL	P	SL	C		TMS	1	4.0
EVER FAITH	BKEB	20	AN	ALC	S	P	S	C	A	TMS	1	13.0
FAIRWEATHER	WTEB	2	AN	MER	A	P	A	C	A	TMS	1	10.0
FANWOOD	KVSX	20	AN	MER	S	P	S	C		MS	1	14.0
FERNBANK (NORWAY)	LATJ	12,20	AN	MER	SL	P	SL	C		TMS	1	15.0
FERNBROOK (NORWAY)	JXLL	12,20	AN	MER	SL	P	SL	C		TMS	1	13.0
FERNCLIFF (NORWAY)	LATL	12,20	AN	MER	SL	P	SL	C		TMS	1	16.0
FERNGROVE (NORWAY)	LASE	23	AN	MER	SL	P	SL	C		TMS	1	19.0
FERNLAND (NORWAY)	LIZQ	12,20	AN	MER	SL	P	SL	C		TMS	1	14.0
FERNSTATE (NORWAY)	JWYQ	12,20	AN	MER	SL	P	SL	C		TMS	1	15.0
FLORIDA STATE (H)	KXNT	10	AN	MER	A	P	A	C	OS4	TMS	1	16.0
FLORIDIAN (H)	WKJW	4	AN	MER	SL	P	SL	C		TMS	1	14.0
FORTUNA	WOQO	18	AN	ALC	S			C		TMS	1	10.0
FOSSANGER (NORWAY)	LACH	2	AN	MER	SL	P	SL	C		TMS	1	19.0
FRANCESCO MOROSINI (ITALY)	IBWJ	14	AN	ALC	US	P	US	C		TMS	1	13.0
GAINES MILL	KUCL	19,25	AN	ALC	S	P	S	C		TMS	1	13.0
GENERAL A F CEBESoy	TCBB	7,14	AN	MER	SL	P	SL	C	HA	TMS	1	14.0
GEORGE A. DAVIDSON (LIBERIA)	5MBD	2	AN	ALC	S	P	S	C		TMS	1	19.0
GEORGE B KELEZ	WZ20	18	AN	MER	SL	P	SL	C		TMS	1	16.0
GEORGE L. PARKHURST	5MFB	2	AN	MER	SL	P	SL	C		MS	1	11.0
GERTRUDE TEN DOORNKAAT (GERMANY)	DNBT	20	AN	MER	SL	P	SL	C		MS	1	11.0
GERWI (NORWAY)	LALU	13,17	AN	MER	SL	P	SL	C		TMS	1	14.0
GIQUE (ITALY)	IBGY	14	AN	MER	SL	P	SL	C		TMS	1	29.0
GOLAR NOR (U.K.)	ZICP	2	AN	MER	SL	P	SL	C		TMS	1	29.0
GOLDEN GATE (SWEDEN)	SFCA	23	AN	MER	SL	P	SL	C		MS	1	12.0
GOLDSTONE (LIBERIA)	6ZOG	23	AN	MER	SL	P	SL	C		MS	1	14.0
GOONAWARRA (SPAIN)	SFVU	29	AN	MER	SL	P	SL	C		TMS	1	16.0
GOTAMA JAYANTI (INDIA)	VWSL	10,17	AN	MER	SL	P	SL	C		MS	1	15.0
GRAN RIO (NETHERLANDS)	PZAN	17	AN	MER	SL	P	SL	C		T	1	8.0

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GRANDE PRIDE (LIBERIA)	5MHB	20	AN	MER	SL	P	SL	C		TMS	1	17.0
GREEN FOREST	WMBK	6,13	AN	MER	SL	P	SL	C		TMS	1	16.0
GUFCREST	KIMH	4	AN	MER	SL	P	SL	C		TMS	1	13.0
GULFBEAVER (H)	KXFE	4	AN	MER	S	P	S	C		TMS	1	13.0
GULFDEER (H)	WPIR	4,27	AN	MER	S	P	S	C		TMS	1	13.0
GULFJAGUAR (H)	KKIC	16	AN	MER	S	P	S	C		TMS	1	13.0
GULFLUBE	KRQW	4	AN	MER	SL	P	SL	C		TMS	1	4.0
GULFPASS (H)	KKJU	4	AN	MER	SL	P	SL	C		TMS	1	13.0
GULFSEAL (H)	KKIX	4,27	AN	MER	S	P	SL	C		TMS	1	13.0
GUNNERS KNOT	WSZL	25	AN	MER	A	P	A	C		MS	1	12.0
HADA (NORWAY)	LAUI	13,16	AN	MER	SL	P	SL	C		TMS	1	14.0
HAI SHANG (CHINA)	BFHS	12,20	AN	MER	SL	P	SL	C	A	TMS	2	11.0
HAI TSUNG (CHINA)	BFHC	12,20	AN	MER	SL	P	SL	C		TMS	2	16.0
HALCYON TIGER	WFZV	4	AN	MER	SL	P	SL	C		TMS	1	13.0
HAMBURG (GERMANY)	DABC	6	AN	MER	VS	P	SL	C	SS	TMS	4	19.0
HAVFROST (NORWAY)	LIVB	13	AN	ALC	US			C		TMS	1	16.0
HEERING LOTTE (DENMARK)	CVJJ	13,20	AN	MER	SL	P	SL	C		TMS	1	13.0
HEINA (H) (NORWAY)	LADF	6	AN	MER	SL	P	SL	C		TMS	1	14.0
HELEN (LIBERIA)	6ZYJ	2	AN	MER	SL	P	SL	C		TMS	1	19.0
HENRIETTE MAERSK (DENMARK)	OWKL	1	AN	MER	A	P	A	C		TMS	1	18.0
HISPANIOLA (SPAIN)	SLNT	3,4,10	AN	ALC	US			C		TMS	1	11.0
HOEGH MIRANDA (NORWAY)	L~YE	2	AN	MER	SL	P	SL	C		TMS	1	19.0
HOMERIC (H) (PANAMA)	HPHY	6	AN	MER	SL	P	SL	C	SS		1	22.0
HONGKONG BEAUTY (LIBERIA)	ELFT	29	AN	ALC	S	P	S	C	SS	TMS	1	17.0
HORNCLIFF (GERMANY)	DIHD	13	AN	MER	SL	P	SL	C		TMS	1	11.0
HOSANGER (NORWAY)	JWZA	20,21	AN	MER	SL	P	SL	C		TMS	1	14.0
HOUSTON	KWWY	20	AN	MER	SL	P	SL	C		TMS	1	19.0
HOWARD G.VESPER (LIBERIA)	6ZCD	20	AN	MER	SL	P	SL	C		TMS	1	19.0
INDEPENDENCE	KPHI	7	AN	MER	A	P	A	C	OS4	TMS	6	20.0
ISIS (NETHERLAND)	PEXT	13,17	AN	MER	SL	P	SL	C		TMS	1	
JACAKA (NORWAY)	LKHJ	2	AN	MER	SL	P	SL	C		TMS	1	17.0
JAG ANJLI (INDIA)	ATCV	20	AN	MER	SL	P	SL	C		TMS	1	22.0
JANETTA (NORWAY)	JWWG	13	AN	MER	SL	P	SL	C		TMS	1	16.0

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JANICE L (LIBERIA)	ELRU	20	AN	MER	S	P S	C		TMS	1	19.0	
JAWAGA	LGVD	23	AN	MER	SL	P SL	C		TMS	1	16.0	
JAWAGA (NORWAY)	LCIF	4,6	AN	MER	US		C		TMS	1	14.0	
JEFFERSON CITY VICTORY	KKXF	12	AN	ALC	VS	P VS	C		MS	1	14.0	
JEPPESEN MAERSK (DENMARK)	OYDM	12,20	AN	MER	SL	P SL	C		TMS	1	15.0	
JESPER MAERSK (DENMARK)	OYQF	12,20	AN	MER	SL	P SL	C		TMS	1	15.0	
JOHAN U (NORWAY)	LISO	20	AN	MER	SL	P SL	C		TMS	1	16.0	
JOHANN SCHULTE (GERMANY)	DCPL	23	AN	MER	SL	P SL	C		TMS	1	16.0	
JOHANNES MAERSK (DENMARK)	OYSE	12,20	AN	MER	SL	P SL	C		TMS	1	15.0	
JOHANNES RUSS (GERMANY)	DIHS	12,20	AN	MER	SL	P SL	C		TMS	1	17.0	
JOHN F. SHEA	KBRH	6,14	AN	MER	SL	P SL	C			1	13.0	
JOHN N. COBB	WZ20	5	AN	MER	SL	P SL	C		T	3		1.0
JOLINDA	KRSX	5	AN	MER	SL	P SL	C		TS	1	6.0	
JOSEPH P.GRACE (H) (LIBERIA)	6ZCD	13,17	AN	MER	SL	P SL	C		TMS	1	14.0	
K.H.CRANDALL (LIBERIA)	6ZHS	20	AN	MER	S	P S	C		TMS	1	16.0	
KASELEHLIA	WSZR	25	AN	MER	SL	P SL	C		T	1		
KERSTEN MILES (GERMANY)	DAJX	19,23	AN	MER	SL	P SL	C		MS	1	16.0	
KEVA IDEAL	KMHM	4	AN	MER	SL	P SL	C		TMS	1	13.0	
KEYSTONER	KIGR	2	AN	MER	SL	P SL	C		TMS	1	14.0	
KINGSVILLE (NORWAY)	LAUS	12,20	AN	MER	SL	P SL	C		TMS	1	16.0	
KOLLFINN (NORWAY)	JXWA	2	AN	MER	SL	P SL	C		TMS	1	14.0	
KREON (NETHERLAND)	PFLT	13	AN	MER	SL	P SL	C	SS	TMS	1	12.0	
LAKE PALCURDE (LIBERIA)	5LZJ	20	AN	MER	SL	P SL	C		MS	1	20.0	
LAS VEGAS VICTORY	KSUU	20	AN	MER	SL	P SL	C		MS	1	14.0	
LAZZARO MCCENIGO (ITALY)	IBLY	14	AN	ALC	VS	P VS	C	SS	TMS	1	5.0	
LEANNA (GERMANY)	DNKO	2	AN	MER	SL	P SL	C		MS	1	14.0	
LEDA MAERSK (DENMARK)	OWEC	1	AN	MER	SL	P SL	C		TMS	1	15.0	
LEMPA (HONDURAS)	HRMV	2	AN	MER	SL	P SL	C		TMS	1	9.0	
LEON (HONDURAS)	HRZI	2	AN	MER	SL	P SL	C		TMS	1	9.0	
LEONARDO DA VINCI (ITALY)	ICLN	6	AN	MER	VS	P SL	C	SS	TMS	4	23.0	
LEXA MAERSK (DENMARK)	OWGW	12,20	AN	MER	SL	P SL	C		TMS	1	15.0	
LIONS EATE (SPAIN)	SFCN	23	AN	MER	SL	P SL	C		TMS	1	12.0	
LONGVIEW VICTORY	KOVH	2	AN	ALC	S	P S	C		MS	1	13.0	

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LORENZO MARCELLO	ICVL	14	AN	ALC	VS	P	VS	C		TMS	1	15.0
LOS ANGELOS (SWEDEN)	SFBN	23	AN	MER	SL	P	SL	C		TMS	1	14.0
LOUIS MAERSK (DENMARK)	OVRO	2	AN	MER	SL	P	SL	C		TMS	1	23.0
LOYOLA VICTORY	KCWQ	20	AN	MER	SL	P	SL	C		TMS	1	13.0
LUHESAND (GERMANY)	DKPK	2	AN	MER	SL	P	SL	C		TMS	1	11.0
M.P. GRACE (LIBERIA)	ELBG	13	AN	MER	SL	P	SL	C		TMS	1	16.0
MAJURO (PANAMA)	HPEX	25	AN	MER	A	P	A	C		MS	1	13.0
MANKATO VICTORY	KPBY	2	AN	MER	SL	P	SL	C		MS	1	13.0
MAR CANTABRICO (SPAIN)	EFAK	13	AN	ALC	VS	P	VS	C		TMS	1	16.0
MAREN MAERSK (DENMARK)	OYQQ	12,20	AN	MER	SL	P	SL	C		TMS	1	13.0
MARIA CARLA D'AMICO (ITALY)	IBCD	23	AN	MER	SL	P	SL	C		TMS	1	13.0
MARINE DOW CHEM (H)	KIGM	4	AN	MER	SL	P	SL	C		TMS	1	13.0
MARIT MAERSK (DENMARK)	OXUY	12,20	AN	MER	SL	P	SL	C		TMS	1	15.0
MARON (NETHERLAND)	PFUS	13,17	AN	MER	SL	P	SL	C		TMS	1	
MATHIESON (LIBERIA)	5MAZ	17	AN	MER	SL	P	SL	C	SS	TMS	1	15.0
MATOUBA (FRANCE)	FNHL	21	AN	MER	SL	P	SL	C		MS	1	13.0
MEADOWBROOK	KIHS	2,3	AN	MER	SL	P	SL	C		TMS	1	13.0
MEDEA (SWEDEN)	SHNW	1	AN	MER	SL	P	SL	C		TMS	1	16.0
MEDON (NETHERLANDS)	PFWR	13,17	AN	MER	SL	P	SL	C		TMS	1	
MERCURIUS (NETHERLANDS)	PFYJ	13,17	AN	MER	SL	P	SL	C		TMS	1	
MEREDITH VICTORY	KPMS	20	AN	ALC	S	P	S	C		TMS	1	13.0
MERIDA (VENEZUELA)	YVBR	17	AN	MER	SL	P	SL	C		TMS	1	13.0
MICHELANGELO (ITALY)	ICVI	6	AN	MER	VS	P	SL	C	SS	TMS	4	23.0
MILITOB	WSZJ	25	AN	MER	A	P	A	C		T	1	8.0
MISSOURI (DENMARK)	OXXJ	13,16	AN	MER	S	P	S	C		TMS	1	15.0
MOBIL AERO (H)	WLBY	3,4	AN	MER	S	P	S	C		TMS	1	13.0
MOBIL COMET (LIBERIA)	6ZAC	2	AN	MER	SL	P	SL	C		TMS	1	17.0
MOBIL JAPAN (H) (LIBERIA)	6ZJG	2	AN	MER	SL	P	SL	C		TMS	1	17.0
MOBIL LUBE (H)	WKIM	3,4	AN	MER	SL	P	SL	C		TMS	1	13.0
MOBIL MERIDIAN (H)	KGSM	3,4	AN	MER	SL	P	SL	C		TMS	1	13.0
MOBIL POWER (H)	KIEH	3,4	AN	MER	S	P	S	C		TMS	1	13.0
MOBILE VALIANT (H) (LIBERIA)	5MZU	2	AN	MER	SL	P	SL	C		TMS	1	19.0
MOBILFUEL (H)	WGEB	3,4	AN	MER	SL	P	SL	C		TMS	1	13.0

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MOBILGAS (H)	KGHD	3,4	AN	MER	A	P A	C		TMS	1	13.0
MOBILLOIL	WMTO	18	AN	MER	SL	P SL	C		TMS	1	13.0
MOLDANGER (NORWAY)	Lafa	23	AN	MER	SL	P SL	C		TMS	1	13.0
MONBALDO (ITALY)	ICMO	14	AN	MER	SL	P SL	C	SS	MS	1	13.0
MONDORO (ITALY)	IBMO	14	AN	MER	SL	P SL	C		MS	1	14.0
MONFIORE (ITALY)	ICNK	14	AN	MER	SL	P SL	C		TMS	1	14.0
MONMOUTH	KFLF	18,19	AN	MER	S	P S	C		TMS	1	13.0
MONREALE (ITALY)	IBCV	14	AN	ALC	VS	P VS	C	SS	TMS	1	14.0
MONTELLO (ITALY)	IBXG	14	AN	MER	S	P S	C		TMS	1	16.0
MOSBAY (NORWAY)	LJYA	4,13	AN	ALC	VS		C		TMS	1	15.0
MOSDALE (NORWAY)	JXNU	2,23	AN	MER	SL	P SL	C		TMS	1	22.0
MOSENGEN (NORWAY)	LKZI	20	AN	MER	SL	P SL	C	A	TMS	1	19.0
N.B.SCOFIELD	WE72	5	AN	MER	SL	P SL	C		T	1	5.0
NABO (PANAMA)	HCMT	17	AN	MER	SL	P SL	C		T	2	9.0
NADINE (LIBERIA)	ELSX	2	AN	MER	S	P S	C		TMS	1	20.0
NAESS JUPITER (NORWAY)	JXUS	17	AN	MER	SL	P SL	C		TMS	1	16.0
NAESS METEOR (NORWAY)	JXWC	01,02	AN	MER	SL	P SL	C		TMS	1	15.0
NENANA	KHVA	18	AN	MER	S	P S	C		TMS	1	13.0
NEW JERSEY SUN (H)	KEAL	4	AN	MER	SL	P SL	C		TMS	1	14.0
NEW YORKER	WIPL	17	AN	MER	SL	P SL	C		TMS	1	13.0
NICOLINE MAERSK (DENMARK)	OXZO	12,20	AN	MER	SL	P SL	C		TMS	1	13.0
NOPAL EXPRESS (NORWAY)	JXJU	16	AN	MER	SL	P SL	C		TMS	1	13.0
NOPAL PROGRESS (NORWAY)	LAVJ	16	AN	MER	SL	P SL	C		TMS	1	13.0
NOPAL STAR (H) (NORWAY)	JXCT	16	AN	MER	SL	P SL	C	SS	TMS	1	12.0
NOPAL TELLUS (NORWAY)	LLHB	16	AN	MER	SL	P SL	C		TMS	1	16.0
NOPAL TRACER (NORWAY)	LAWO	16	AN	MER	A	P A	C		TMS	1	13.0
NORBU (NORWAY)	LWCT	2	AN	MER	SL	P SL	C		TMS	1	18.0
NORDANGER (NORWAY)	LCBQ	21	AN	ALC	US		C		MS	1	13.0
NORMANDIA (GERMANY)	DIAN	23	AN	MER	SL	P SL	C		TMS	1	22.0
NORTH STAR III	KPXT	18	AN	ALC	US		C	A	TMS	1	13.0
NORWICH VICTORY	KIXM	20	AN	ALC	S	P S	C		TMS	1	13.0
OAKLAND	KPIV	3	AN	MER	SL	P SL	C		TMS	1	23.0
OCEANEER	WV96	2	AN	MER	SL	P SL	C		T	1	
OCEANIC (PANAMA)	HOOE	10	AN	MER	SL	P SL	C	A	TMS	3	20.0

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OKANAGAN VALLEY (SWEDEN)	SLJN	23	AN	MER	SL	P	SL	C		TMS	1	16.0
OLIN (LIBERIA)	5LYD	17	AN	MER	SL	P	SL	C	SS	TMS	1	15.0
ORE CHIEF (LIBERIA)	ELKM	10,17	AN	MER	SL	P	SL	C		TMS	1	17.0
ORE JUPITER (LIBERIA)	5LYZ	02,10,17	AN	MER	SL	P	SL	C		TMS	1	17.0
ORE MERCURY (LIBERIA)	5LYQ	10,17	AN	MER	SL	P	SL	C		TMS	1	17.0
ORE MERIDIAN (H) (LIBERIA)	5LZI	16,17,27	AN	MER	SL	P	SL	C		TMS	1	17.0
ORE METEOR (LIBERIA)	5LZX	02,10,17	AN	MER	SL	P	SL	C		TMS	1	17.0
ORE MONARCH (LIBERIA)	5LDW	02,10,17	AN	ALC	VS	P	VS	C		TMS	1	17.0
ORE NEPTUNE (LIBERIA)	5MCW	10,11,12	AN	MER	SL	P	SL	C		TMS	1	19.0
ORE SATURN (LIBERIA)	5MCX	10,17	AN	MER	SL	P	SL	C		TMS	1	17.0
ORE TRANSPORT (LIBERIA)	ELLS	17	AN	MER	SL	P	SL	C		TMS	1	20.0
ORIENTAL AMIGA	ELVF	1	AN	MER	SL	P	SL	C		TMS	1	18.0
ORIENTAL AMIGA (LIBERIA)	5MHO	16,17,27	AN	MER	US	P	S	C		TMS	1	17.0
ORIENTAL ARGOSY (LIBERIA)	5LHW	03,20	AN	MER	SL	P	SL	C		MS	1	16.0
OREINTAL ESMERALDA (LIBERIA)	ELWW	1	AN	MER	SL	P	SL	C	SS	TMS	2	19.0
ORIENTAL PEARL (LIBERIA)	6ZLR	20	AN	ALC	S	P	S	C		TMS	1	16.0
OSHKOSH VICTORY	KQKH	20	AN	MER	S	P	S	C		TMS	1	13.0
OTTO N.MILLER (LIBERIA)	5MMQ	20	AN	MER	SL	P	SL	C		TMS	1	
OVERSEAS AUDREY	WOVS	2	AN	MER	SL	P	SL	C		TMS	1	20.0
OVERSEAS DINNY	KYMW	20	AN	MER	A	P	A	C		MS	1	16.0
OVERSEAS REBECCA	KLFE	18	AN	MER	SL	P	SL	C		TMS	1	19.0
OVERSEAS VIVIAN	KAAZ	2	AN	MER	SL	P	SL	C		TMS	1	18.0
P. W. THIRTLE (H)	KASJ	4	AN	MER	A	P	A	C		TMS	1	13.0
PAN AMERICAN VICTORY	KQLR	20	AN	MER	A	P	A	C		TMS	1	13.0
PAOLO D'AMICO (ITALY)	IBCD	23	AN	MER	SL	P	SL	C		MS	1	14.0
PARAKOOLA (SWEDEN)	SHGM	29	AN	MER	SL	P	SL	C		TMS	1	20.0
PASADENA (DENMARK)	OYPW	23	AN	MER	SL	P	SL	C		MS	1	14.0
PATHFINDER	WTEO	5,18	AN	MER	A	P	A	C		TMS	1	9.0
PATRICIA FOSS	WJ88	18	AN	ALC	US			C		T	1	7.0
PAUL ENDACOTT (SWEDEN)	SKCJ	13	AN	ALC	VS	P	VS	C		TMS	1	16.0
PAUL PIGOTT (H) (LIBERIA)	ELCP	9,10,11	AN	MER	A	P	A	C		TMS	1	19.0
PENNSYLVANIA SUN (H)	WHSJ	4	AN	MER	SL	P	SL	C		TMS	1	13.0
PERRYVILLE	KUTN	4	AN	MER	SL	P	SL	C		TMS	1	13.0

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PHILIPS CALIFORNIA	KFBL	19	AN	MER	S	P S	C		TMS	1	11.0
PIERO FOSCARI (ITALY)	ICPB	07,13	AN	ALC	US		C		TMS	1	13.0
POINT SUR	KIXS	18	AN	MER	SL	P SL	C		TMS	1	16.0
POLARSTERN (GERMANY)	DNHM	10,22	AN	MER	SL	P SL	C	SS	TMS	1	13.0
PORSANGER (NORWAY)	JXAD	21	AN	ALC	US		C		TMS	1	13.0
PORTHOS (NORWAY)	LAXJ	20	AN	MER	SL	P SL	C		TMS	1	10.0
PRETORIA (DENMARK)	OYNM	23	AN	MER	A	P A	C		TMS	1	
PRIBILOF	WTDH	18	AN	MER	US		C	A	TS	1	7.0
PUEBLA (MEXICO)	XCPH	04	AN	MER	SL	P SL	C		TMS	1	14.0
QUEENSVILLE (NORWAY)	LCNU	12,20	AN	MER	SL	P SL	C		MS	1	
R.G. FOLLIS	6ZJE	2	AN	MER	SL	P SL	C	A	TMS	1	18.0
RAFFAELLO (ITALY)	IBLO	6	AN	MER	VS	P SL	C	SS	TMS	4	23.0
RALEIGH	KIYQ	2	AN	MER	SL	P SL	C		TMS	1	14.0
RALPH B. JOHNSON (LIBERIA)	6ZDJ	2	AN	MER	S	P S	C		TMS	1	17.0
RAN ANMIM	WSZG	25	AN	MER	A	P A	C		T	1	
RAVENSBURG (H) (GERMANY)	DIKN	9,10,11	AN	MER	SL	P SL	C		TMS	1	14.0
REVERE (LIBERIA)	5LZM	17	AN	MER	SL	P SL	C		TMS	1	15.0
RHEINSTAHL (GERMANY)	DCKU	02	AN	MER	SL	P SL	C		TMS	1	14.0
RIA (NETHERLANDS)	PHAR	17	AN	MER	SL	P SL	C		T	2	7.0
RICHWOOD	KNXW	20	AN	MER	SL	P SL	C		MS	1	10.0
RIDER VICTORY	KQTK	20	AN	MER	SL	P SL	C		TMS	1	13.0
RIC BARIMA (LIBERIA)	5LZY	11,12	AN	ALC	VS	P VS	C		TMS	1	13.0
RIC CARONI (LIBERIA)	5LCB	11,12	AN	ALC	US		C		TMS	1	16.0
RIO COBRE (U.K.)	GYXA	2	AN	MER	SL	P SL	C		TMS	1	13.0
RIO MACAREC (LIBERIA)	5LKR	13,16	AN	MER	SL	P SL	C		TMS	1	13.0
RIO MANAMO (LIBERIA)	5MBG	13,16	AN	MER	SL	P SL	C		TMS	1	14.0
RIO CRINOCO (LIBERIA)	5LJG	17	AN	MER	SL	P SL	C		TMS	1	13.0
RISANGER (NORWAY)	LAIB	23	AN	ALC	US		C		TMS	1	14.0
RITA MAERSK (DENMARK)	CUMW	3,20	AN	MER	SL	P SL	C		TMS	1	13.0
ROBT. WATT MILLER (H) (LIBERIA)	ELCY	10	AN	MER	S	P S	C		TMS	1	
ROLAND (SWEDEN)	SKAN	13	AN	MER	SL	P SL	C		TMS	1	17.0
ROMANDIE (SWITZERLAND)	HBDU	12,13	AN	MER	S	P S	BU		TMS	1	18.0
ROSE (LIBERIA)	6ZCJ	20	AN	MER	S	P S	C		TMS	1	20.0

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ROSSINI (ITALY)	ICDS	2	AN	ALC		P	C			TMS	1	
ROTTERDAM (NETHERLAND)	PHEG	6	AN	MER	VS	P	SL	C	SS	TMS	4	25.0
ROY G. LUCKS (LIBERIA)	6ZBZ	2	AN	MER	SL	P	SL	C		HA	TMS	1
RU YUNG (CHINA)	BMDL	12,20	AN	ALC	S			C		A	TMS	2
RUBEN	CNRU	6,8	AN	MER	VS	P	SL	C	SS		TMS	1
S 22	WF88	2	AN	MER	SL	P	SL	C		A	T	1
S 24	WB55		AN	MER	SL					A	T	2
SAGAMORE HILL	KYSU		AN	ALC	US	P	US	C			MS	1
SALLY MAERSK (DENMARK)	OYYB		AN	MER	US			C			TMS	1
SALVINA (U.K.)	GLJH		AN	MER	SL	P	SL	C			TMS	1
SAMOA (DENMARK)	OYRL		AN	MER	SL	P	SL	C			MS	1
SAN ANTONIO	KIQJ	3,	AN	ALC	VS	P	VS	C			TMS	1
SAN FELICE (ITALY)	ICJU	14	AN	ALC	S	P	S	C			TMS	1
SAN JOAQUIN VALLEY (SWIZERLAND)	SKXA	2	AN	MER	SL	P	SL	C			TMS	1
SAN JUAN MERCHANT (LIBERIA)	5LXK	20,21	AN	ALC	S			C			MS	1
SAN JUAN PATHFINDER (LIBERIA)	5MCE	20,21	AN	MER	SL	P	SL	C			TMS	1
SAN JUAN PROSPECTOR	5MKN	20,21,23	AN	MER	SL	P	SL	C			TMS	1
SAN JUAN TRAVELER	5LZE	20,21	AN	MER	S	P	S	C			TMS	1
SANDY LAKE	KGPM	2	AN	ALC	VS	P	VS	C			TMS	1
SANSINENA (LIBERIA)	5~WW	20	AN	MER	SL	P	SL	C			MS	1
SANTA ADELA	KHHT	21,22	AN	MER	SL	P	SL	C			MS	1
SANTA ALICIA	KSER	21	AN	MER	A	P	A	C			TMS	1
SANTA ANITA	KSES	21	AN	MER	SL	P	SL	C			MS	1
SANTA CLARA VICTORY	KQXQ	12,20	AN	MER	S	P	S	C			TMS	1
SANTA FE	KTIF	21,22	AN	ALC	S	P	S	C			MS	1
SANTA FLAVIA	KKHZ	21,22	AN	ALC	S	P	S	C		ST	MS	1
SANTA JUANA	KGGZ	21,22	AN	MER	US	P	US	C			MS	1
SANTA MARIA	WIAE	5,18,19	AN	MER	SL	P	SL	C			MS	1
SANTA VICTORIA	KWFQ	20,21	AN	MER	S	P	S	C			MS	1
SEA QUEST	WU84	5,27	AN	MER	SL	P	SL	C		A	T	2
SEATRAN OHIO	KUSV	20	AN	MER	SL	P	SL	C			TMS	1
SEATRAN SAVANNAH (H)	WKEC	10	AN	MER	S	P	S	C			TMS	1

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SEATRAN WASHINGTON	KXAW	2	AN	MER	S	P S	C		TMS	1	22.0
SENTINEL (LIBERIA)	6ZYY	17	AN	MER	A	P A	C		TMS	1	15.0
SIBONGA (DENMARK)	OYRN	23	AN	MER	S	P S	C		MS	1	13.0
SILVERSTONE	6ZPJ	23	AN	ALC	SL	P SL	C		TMS	1	15.0
SINCLAIR TEXAS (H)	WJDC	4,27	AN	MER	SL	P SL	C		TMS	1	13.0
SIRA (NORWAY)	JXFG	2	AN	ALC	S		C		TMS	1	
SIRIO (ITALY)	ICSI	14	AN	ALC	S	P S	C	SS	TMS	1	14.0
SITKIN	WU96	19	AN	MER	SL	P SL	C	A	T	2	5.0
SOCONY VACUUM	KIGL	27	AN	MER	S	P S	C		MS	1	13.0
SOLO (NETHERLANDS)	PHPO	6,13	AN	MER	SL	P SL	C		TMS	1	13.0
SOUGLETA	FNDD	21	AN	MER	SL	P SL	C		TMS	1	13.0
SOUTHERN PACIFIC	KMHW	21	AN	MER	SL	P S	C		TS	1	7.0
STAR BILLABONG (NORWAY)	JXMP	2	AN	MER	SL	P SL	C		TMS	1	18.0
STATENDAM (NETHERLAND)	PHSC	6	AN	MER	VS	P SL	C	SS	TMS	4	22.0
STOLT SACONA (NORWAY)	JWWM	11,12,20	AN	ALC	US		C		TMS	2	17.0
STOLT VESTFONN (NORWAY)	JWVA	13,23	AN	MER	SL	P SL	C		TMS	1	14.0
SUCRE (VENEZUELA)	YXAF	17	AN	MER	SL	P SL	C		TMS	1	12.0
SUNIMA (NORWAY)	LKAH	2	AN	ALC	US		C		TMS	1	14.0
SURINAME (H) (NETHERLANDS)	PZAS	16	AN	ALC	S	P S	C		T	1	8.0
SUSAN MAERSK (DENMARK)	OYXU	12,20	AN	MER	SL	P SL	C		TMS	1	15.0
SYLVIA CORD (DENMARK)	OWYR	20	AN	MER	SL	P SL	C		TMS	1	21.0
SYOSSET (H)	KSFP	4	AN	MER	S	P S	C		TMS	1	13.0
T.L. LENZEN (LIBERIA)	5MDG	20	AN	ALC	S	P S	C		TMS	1	
T.S.PETERSEN (LIBERIA)	5MKE	2,20	AN	MER	SL	P SL	C		TMS	1	
TAGAYTAY (NORWAY)	JWUE	12,20	AN	ALC	US		C		TMS	1	14.0
TAI PING (CHINA)	JWWX	12,20	AN	MER	SL	P SL	C		TMS	1	14.0
TAI SUN	BHFC	3,20	AN	MER	SL	P SL	C		TMS	1	19.0
TAIPEI VICTORY (CHINA)	BKBI	12,20	AN	MER	SL	P SL	C		MS	1	14.0
TALISAY (LIBERIA)	5MRO	12	AN	ALC	VS	P VS	C		TMS	1	
TARANTEL (NORWAY)	JXJW	12,20	AN	MER	SL	P SL	C		TMS	1	15.0
TARIQ (AL)	7TCD	14	AN	ALC	US	P US			TMS	1	13.0
TATALINA	KRHC	18	AN	MER	S	P S	C		TMS	1	11.0
TELDE (U.K.)	GHLD	2	AN	MER	SL	P SL	C	SS	TMS	1	13.0

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TERITU	WS65	19	AN	MER	SL	P	SL	C	A	T	1	5.0	1.0
TETI N (GR)	SWBB	2	AN	MER	SL	P	SL	C		TMS	1	22.0	
TEXACO ARIZONA (H) (PANAMA)	HOBE	9,10,11	AN	MER	A	P	A	C		TMS	1	19.0	
TEXACO CONNECTICUT (H)	KFGY	4	AN	MER	SL	P	SL	C		TMS	1	13.0	
TEXACO FLORIDA (H)	KEHS	4	AN	MER	S	P	S	C		TMS	1	13.0	
TEXACO GEORGIA (H)	WLDW	4	AN	MER	SL	P	SL	C		TMS	1	13.0	
TEXACO ILLINOIS (H)	KKTO	4	AN	MER	S	P	S	C		TMS	1	13.0	
TEXACO KANSAS (H)	KYNF	4	AN	MER	SL	P	SL	C		TMS	1		
TEXACO LOUISIANA (H)	KVXE	4	AN	MER	SL	P	SL	C		TMS	1	13.0	
TEXACO MARYLAND (H)	KADG	4	AN	MER	SL	P	SL	C		TMS	1	13.0	
TEXACO MASSACHUSETTS	KAAD	4	AN	MER	SL	P	SL	C		TMS	1	13.0	
TEXACO MINNESOTA (H)	KCDU	4	AN	MER	A	P	A	C		TMS	1	13.0	
TEXACO MISSISSIPPI	KWEQ	4	AN	MER	SL	P	SL	C		TMS	1	13.0	
TEXACO MONTANA (H)	KFYM	4	AN	MER	SL	P	SL	C		TMS	1	13.0	
TEXACO NEBRASKA (H)	KFLM	4	AN	MER	SL	P	SL	C		TMS	1	13.0	
TEXACO NEVADA (H)	KHTK	10	AN	MER	S	P	S	C		TMS	1	22.0	
TEXACO NEW MEXICO (H) (PANAMA)	HPSI	11	AN	MER	S	P	S	C		TMS	1	19.0	
TEXACO NEW YORK (H)	KGKV	4	AN	MER	SL	P	SL	C		TMS	1	13.0	
TEXACO NORTH CAROLINA (H)	KSXL	10	AN	MER	SL	P	SL	C		TMS	1	22.0	
TEXACO NORTH DAKOTA	KFDG	4	AN	MER	A	P	A	C		TMS	1	13.0	
TEXACO OHIO (H) (PANAMA)	HCQU	10	AN	MER	S	P	S	C		TMS	1	19.0	
TEXACO OKLAHOMA (H)	KAHM	4	AN	MER	SL	P	S	C		TMS	1	13.0	
TEXACO RHODE ISLAND (H)	WPDW	4	AN	MER	SL	P	SL	C		TMS	1	13.0	
TEXACO WISCONSIN (H)	WIGK	4	AN	MER	SL	P	SL	C		TMS	1	13.0	
TEXACO WYOMING (H)	KKPK	4	AN	MER	S	P	S	C		TMS	1	22.0	
TEXAS SUN (H)	WIED	4	AN	MER	SL	P	SL	C		TMS	1	14.0	
THEMIS (H) (NETHERLANDS)	PHYN	6,17	AN	ALC	S	P	S	C		TMS	1	13.0	
THOMAS MAERSK (DENMARK)	OXCX	12,20	AN	MER	SL	P	SL	C	ST	TMS	1	18.0	
TICONDEROGA (H)	KFRV	4	AN	MER	A	P	A	C		TMS	1	13.0	
TILAPA	GHRU	21	AN	MER	SL	P	SL	C		TMS	1	14.0	
TLAXCALALA (MEXICO)	XCTS	27	AN	MER	SL	P	SL	C		TMS	1	13.0	
TOBIAS MAERSK (DENMARK)	OUCD	12,20	AN	ELE	US	P	US	C		TMS	1	16.0	
TORBEN MAERSK (DENMARK)	OYNB	1	AN	MER	SL	P	SL	C		TMS	1	16.0	

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TOREADOR (NORWAY)	LIXE	12,20	AN	ALC	SL	P	SL	C		TMS	1	15.0
TRANSCHAMPLAIN	WPGI	19	AN	MER	SL	P	SL	C		TMS	1	19.0
TRANSONEIDA	KSKE	19	AN	MER	SL	P	SL	C		TMS	1	19.0
TRAUTENFELS (GERMANY)	DDSH	12,15	AN	MER	S	P	S	C		TMS	1	13.0
TRAVIATA (NORWAY)	JXGX	12,20	AN	MER	SL	P	SL	C		TMS	1	11.0
TREIN MAERSK (DENMARK)	OUYO	12,20	AN	MER	SL	P	SL	C		TMS	1	15.0
TROJAN (H)	KKXC	4	AN	MER	SL	P	SL	C		TMS	1	13.0
TROLLGAR (NORWAY)	JXPR	2	AN	MER	SL	P	SL	C		TMS	1	17.0
TROUBADOUR	LAQE	12,20	AN	ALC	US			C		TMS	1	14.0
TUCURINCA (U.K.)	GHMQ	2	AN	MER	SL	P	SL	C	SS	TMS	1	13.0
TURANDOT (NORWAY)	JWPB	12,20	AN	MER	SL	P	SL	C		TMS	1	14.0
UNION EAST (CHINA)	BKDC	12	AN	ALC	S	P	S	C	A	TMS	1	16.0
VAASA LEADEP (FINLAND)	CGFW	23	AN	MER	SL	P	SL	C		MS	1	17.0
VALIENTE (H) (U.K.)	GDHL	9,10,11	AN	MER	SL	P	SL	C		MS	1	11.0
VALLEY FORGE (H)	WRGL	4	AN	MER	SL	P	SL	C		TMS	1	16.0
VAMOS (H) (PANAMA)	HPTD	9,10,11	AN	MER	SL	P	SL	C		MS	1	11.0
VENADL (NORWAY)	JXQX	12	AN	MER	SL	P	SL	C		TMS	1	16.0
VESTLOLLIK (DENMARK)	OXCO	2	AN	MER	SL	P	SL	C		TMS	1	7.0
VIAJERO (PANAMA)	HPHH	9,10,11	AN	MER	SL	P	SL	C		MS	1	11.0
VICENTE GUERRE (MEXICO)	XCVA	27	AN	ALC	VS	P	VS	C		TMS	1	14.0
VICTORIA (H) (LIBERIA)	5LQK	10	AN	MER	SL	P	SL	C		TMS	2	19.0
VIGILANTE (H) (U.K.)	MWMX	9,10,11	AN	MER	SL	P	SL	C		MS	1	11.0
VILLANGER (NORWAY)	JWUZ	23	AN	MER	SL	P	SL	C		TMS	1	15.0
VINCITA	LFJT	16	AN	MER	SL	P	SL	C		TMS	1	15.0
VIRGINIA TRADER (H)	KVKE	4	AN	MER	SL	P	SL	C		TMS	1	13.0
VOLNAY (U.K.)	GZBS	2	AN	MER	SL	P	SL	C		TMS	1	20.0
WANDERER (LIBERIA)	5MGV	17	AN	ALC	SL	P	SL	C		TMS	1	11.0
WANDO RIVER	WJ66	2	AN	ALC	S	P	S	C		T	1	4.0
WAYFARER	5MGS	17	AN	MER	SL	P	SL	C		TMS	1	11.0
WESER ORE (LIBERIA)	5MBE	15,16	AN	MER	SL	P	SL	C		TMS	1	14.0
WESTERN SUN (H)	KEHJ	4	AN	MER	A	P	A	C	OS4	TMS	1	13.0
WIHURI (FINLAND)	OGPK	23	AN	MER	SL	P	SL	C		TMS	1	15.0
WIIMA (FINLAND)	OGVC	23	AN	MER	SL	P	SL	C		TMS	1	18.0
WIIRI (FINLAND)	OGDL	23	AN	MER	SL	P	SL	C		MS	1	13.0

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WILLIAM F. HUMPHREY (H)	KTKX	9	AN	MER	S	P S	C	TMS 1	16.0
WILLIAM M. ALLEN (LIBERIA)	5MSN	25	AN	MER	SL	P SL	C	TMS 1	
WIRTA (FINLAND)	OGVT	23	AN	MER	SL	P SL	C	TMS 1	17.0
WISA (FINLAND)	OGRE	23	AN	ALC	US		C	TMS 1	16.0
YAP ISLANDER	WSZH	25	AN	MER	A	P A	C	T	2 6.0
YARACUY (VENEZUELA)	YXAE	17	AN	MER	SL	P SL	C	TMS 1	11.0
YUKON	KLHA	18	AN	MER	SL	P SL	C	TMS 1	15.0

Auxiliary Ships

A.N.KEMP (LIBERIA)	ELCB	2	AN	ALC	S	P S	C	TMS 1	16.0
ADRIANA AUGUSTA (ITALY)	ICLA	14	AN	MER	VS	VS	C	TMS 1	17.0
AFOUNDRIA	KYFX	7	AN	MER	SL	P SL	C	TMS 1	16.0
AHRENSBURG (GERMANY)	DIDA	2	AN	MER	SL	P SL	C	TMS 1	13.0
ALEKSAND MAERSK (DENMARK)	CXWU	14	AN	MER	VS	VS	C	TMS 1	19.0
ALONDRA (GERMANY)	DKAQ	2	AN	MER	SL	P SL	C	TMS 1	9.0
AMERICAN ORIOLE	KF~Y	2	AN	MER	S	P S	C	TMS 1	16.0
AMERICAN TRADER	KVKV	2	AN	MER	US		C	TMS 1	16.0
ANCO SPRAY (NETHERLAND)	PVQN	2	AN	MER	SL	P SL	C	TMS 1	13.0
ANCO SPRING (SWEDEN)	SJGT	12	AN	MER	US		C	TMS 1	11.0
ANCO STAR (NORWAY)	JWTQ	2	AN	MER	SL	P SL	C	TMS 1	13.0
ANCO STRIPE (NORWAY)	JWST	12	AN	MER	SL	P SL	C	MS 1	17.0
ANCO SUN (NORWAY)	LARI	2	AN	MER	SL	P SL	C	TMS 1	13.0
ANDALIEN (H)	CBAR	11	AN	MER	VS	VS	C	TMS 1	14.0
ARGYLL (U.K.)	GHXR	2	AN	MER	SL	P SL	C	TMS 1	
ARIEN (SWEDEN)	SFBZ	10	AN	MER	VS	VS	C	1	14.0
ARNEB (NETHERLAND)	PCUG	7	AN	MER	VS	VS	C	T	1 13.0
ASCANIUS (U.K.)	GKNY	28	AN	MER	SL	P SL	C	TMS 1	16.0
ASHBURN (LIBERIA)	5LAW	2	AN	MER	SL	P SL	C	MS 1	13.0
ATHOLL MCBEAN (LIBERIA)	ELBS	4	AN	ALC	S	P S	C	TMS 1	16.0
ATLANTIC CAPETOWN (LIBERIA)	ELEL	9	AN	MER	VS	VS	C	TMS 1	16.0
ATLANTIC CHALLENGER (BERIA)	5MIR	10	AN	ALC	S	P S	C	TMS 1	16.0
ATLANTIC COMPETITOR	5MJO	10	AN	MER	VS	VS	C	TMS 1	16.0

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B W THORNTON	WPHA	2	AN	MER	P	C		TMS	1	
BANAGRANDE (LIBERIA)	ELVR	2	AN	MER	S	P S	C	A	TMS	13.0
BARON BELHAVEN (U.K.)	GCQH	28	AN	MER	SL	P SL	C		TMS	16.0
BAYLOR VICTORY	KCVS	12,20	AN	MER	SL	P SL	C		TMS	16.0
BELHUDSON (U.K.)	GYBC	23	AN	ALC	US		C		TMS	20.0
BELLAVA	5LBK	2	AN	MER	US		C		MS	16.0
BENTE BROVIG (NORWAY)	JXUI	10	AN	MER	VS	VS	C			14.0
BRITAIN VICTORY	KWGN	2	AN	MER	SL	P SL	C		TMS	16.0
BURG SPARRENBURG (GERMANY)	DHQP	9	AN	MER	SL	P SL	C		TMS	16.0
CABIMAS (LIBERIA)	ELNA	10	AN	MER	VS	VS	C		TMS	17.0
CABO DE SANTA MARTA (BRAZILIA)	PUBL	10	AN	MER	VS	P VS	C	SS	TMS	14.0
CACIQUE NAMUNCURA (ARGENTINA)	LQVN	9	AN	MER	SL	P SL	C		TMS	11.0
CALAMERES	PDHL	2	AN	MER	VS	VS	C		TMS	14.0
CAMPECHE (MEXICO)	XCCX	4,27	AN	MER	SL	P SL	C		TMS	13.0
CANTERBURY FALCON	KBVX	1	AN	ALC	S	P S	C		TMS	15.0
CAP ROCA (GERMANY)	DGOF	28	AN	MER	SL	P SL	C		TMS	13.0
CAP VILANO (GERMANY)	DIKV	28	AN	MER	SL	P SL	C	SS	TMS	16.0
CAPERO (ARGENTINA)	LQAO	9	AN	MER	VS	VS	C	SS	TMS	14.0
CARILLO (PANAMA)	HRYS	2	AN	MER	VS	VS	C		TMS	16.0
CARLA C (ITALY)	ICCO	22	AN	MER	S	P S	C	SS	TMS	19.0
CARLIN FASSIO (ITALY)	IBWE	7	AN	MER	SL	P SL	C	SS	TMS	16.0
CAROLYN E CONWAY (PANAMA)	HPZK	2	AN	MER	VS	VS	C		TMS	14.0
CARPELLA (GERMANY)	DAIZ	10	AN	MER	VS	VS	C		TMS	19.0
CASSARATE (SWEDEN)	HBDT	2	AN	ALC	VS	P VS	C		TMS	5.0
CESARE D'AMICO (ITALY)	ICDK	23	AN	MER	SL	P SL	C		TMS	1
CHANGUINOLA (U.K.)	MXMQ	10	AN	MER	VS	P SL	BU	SS	TMS	17.0
CHARIOT (LIBERIA)	5LIE	10	AN	MER	VS	VS	C		TMS	19.0
CHATEAUGAY (NORWAY)	LAQU	2	AN	MER	VS	P SL	C		TMS	13.0
CHILORE	KSKC	2	AN	ALC	VS	P VS	C		TMS	17.0
CHUSCAL	GHJS	10	AN	MER	VS	P SL	BU		TMS	19.0
CITIES SERVICE BALTIMORE	KEHO	4	AN	MER	SL	P SL	C		TMS	16.0
CITIES SERVICE NORFOLK	KNEC	7	AN	MER	SL	P SL	C		TMS	16.0
CITIES SERVICE MIAMI	WIJT	4	AN	MER	SL	P SL	C		TMS	16.0

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CITY OF ADELAIDE (U.K.)	GMNE	28	AN	ALC		P		C	TMS	1	
CITY OF ANOKLAND (U.K.)	GWDN	2	AN	MER	VS	P	SL	BU	TMS	1	19.0
CIUCAD DE BARQUSIMETO (VENEZUELA)	YVDA	10	AN	MER	VS		VS	C	TMS	1	17.0
CLEMENT (U.K.)	GCHR	9,10,11	AN	MER	SL	P	SL	C	TMS	1	13.0
COLUMBIA EAGLE	KQNU	20	AN	ALC	US			C	MS	1	13.0
COMMODORE CHAS H SMITH	6ZJD	15	AN	MER	SL	P	SL	C	TMS	1	17.0
CONCORBAI SUN (NORWAY)	LETP	6	AN	MER	VS		VS	C	TMS	1	19.0
CONCORDIA CARO (NORWAY)	LMGJ	6	AN	MER	VS		VS	C	TMS	1	19.0
CONCORDIA FARO (NORWAY)	JXZL	6	AN	MER	VS		VS	C	TMS	1	19.0
CONCORDIA FOSS (NORWAY)	LKAD	7	AN	MER	VS		VS	C	TMS	1	19.0
CONCORDIA STAR (NORWAY)	LHUK	6	AN	MER	VS		VS	C	TMS	1	17.0
CONCORDIA SUN	LDHR	6	AN	MER	VS		VS	C	TMS	1	17.0
CORNELIA MAERSK (DENMARK)	OVPU	1	AN	MER	SL	P	SL	C	TMS	1	16.0
CORNEVILLE (NORWAY)	LATO	12,20	AN	MER	SL	P	SL	C	TMS	1	16.0
CORTEZ	KSOE	2	AN	MER	SL	P	SL	C	TMS	1	14.0
COSTA RICA (NICARAGUA)	YNCA	4,27	AN	MER	SL	P	SL	C	TMS	1	13.0
COUNCIL GROVE	KFRS	4	AN	MER	SL	P	SL	C	TMS	1	16.0
CREIGHTON VICTORY	KFTH	20	AN	MER	US			C	TMS	1	13.0
CRYSTAL SEA (SWEDEN)	SMGD	28	AN	MER	SL	P	SL	C	TMS	1	
CUIDAD DE BOGOTA (COLOMBIA)	HJNH	11	AN	MER	SL	P	SL	C	SS	TMS	15.0
CURRENT TRADER (LIBERIA)	ELHI	2	AN	ALC	S	P	S	C	TMS	1	20.0
DAPHNE (SWEDEN)	SKPN	2	AN	MER	SL	P	SL	C	TMS	1	20.0
DIANA (BRAZIL)	PPBP	8	AN	MER	US			C	TMS	1	16.0
DONGA (U.K.)	GGHH	8	AN	MER	SL	P	SL	C	TMS	1	16.0
DOROTEA (SWEDEN)	SMCA	9	AN	MER	SL	P	SL	C	TMS	1	14.0
DOROTHY ANN (LIBERIA)	5MJP	2	AN	ALC	S	P	S	C	TMS	1	19.0
E YUNG (CHINA)	BMCE	1	AN	MER	VS		VS	C	TMS	1	16.0
E.J. MCCLANAHAN (SWEDEN)	SLCA	2	AN	ALC	VS	P	S	C	TMS	1	16.0
EASTERN BUILDER (LIBERIA)	6ZRY	2	AN	ALC	S			C	TMS	1	16.0
EASTERN FREEDOM (U.K.)	GXLH	2	AN	ALC	S			C	TMS	1	20.0
EDE SOTTORF (GR)	DGSD	6	AN	MER	SL	P	SL	C	TMS	1	17.0
EL MEXICANO (MEXICO)	XCEM	20,27	AN	MER	S	P	S	C	TMS	1	17.0
ELETTRA FASSIO (ITALY)	IBEY	7	AN	MER	SL	P	SL	C	TMS	1	16.0

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ELMIRA VICTORY	WQGW	1	AN	MER	SL	P	SL	C	TMS	1	16.0
ELPHINE (LIBERIA)	ELPL	2	AN	ALC	US	P	US	C	TMS	1	14.0
ELQUI (CHILI)	CBEL	11	AN	MER	VS		VS	C	TMS	1	16.0
EMILIA ROSELLO (PHILIPPINES)	DUGU	2	AN	ALC	VS	P	S	C	TMS	1	
EMMA BAKKE (NORWAY)	JXTX	20	AN	ALC	S			C	TMS	1	16.0
ENRICO CANDOLO (ITALY)	ICAE	06,13,14	AN	ALC	US			C	TMS	1	13.0
ERICSON	KPBN	2	AN	MER	S	P	S	C	TMS	1	14.0
ERNE (U.K.)	GHWQ	2	AN	MER	S	P	S	C	TMS	1	17.0
ESSO AALBORG (DENMARK)	OXNX	14	AN	MER	VS		VS	C	TMS	1	17.0
ESSO ARGENTINA (PANAMA)	HPDX	4	AN	MER	SL	P	SL	C	TMS	1	16.0
ESSO ARUBA (PANAMA)	HOXU	1	AN	MER	VS		VS	C	TMS	1	19.0
ESSO BOGOTA (PANAMA)	HORO	4	AN	MER	SL	P	SL	C	TMS	1	16.0
ESSO CHESTER	KEAG	2	AN	MER	SL	P	SL	C	TMS	1	13.0
ESSO ROMA (ITALY)	ICEO	1	AN	MER	VS		VS	C	TMS	1	19.0
ESSO SANTOS (PANAMA)	HCVQ	4	AN	MER	SL	P	SL	C	TMS	1	16.0
ESTRID (DENMARK)	OVIV	6	AN					C	TMS	1	17.0
FALKANGER (NORWAY)	LGCT	28	AN	MER	SL	P	SL	C	TMS	1	18.0
FERNCAPE (NORWAY)	JXWI	2	AN	ALC	US			C	MS	1	16.0
FERNGATE (NORWAY)	JXNV	12	AN	ALC	US			C	TMS	1	13.0
FERNGULF	LNSQ	23	AN	MER	SL	P	SL	C	TMS	1	20.0
FERNHILL (NORWAY)	LNNF	23	AN	MER	SL	P	SL	C	TMS	1	16.0
FERNLEAF (NORWAY)	LLRH	12	AN	ALC	VS	P	VS	C	TMS	1	14.0
FERNMOOR (NORWAY)	LATG	12	AN	MER	SL	P	SL	C	TMS	1	15.0
FERNWAVE (NORWAY)	JXBU	7	AN	MER	SL	P	SL	C	TMS	1	16.0
FERWOOD (NORWAY)	LAZF	6	AN	MER	VS		VS	C	TMS	1	16.0
FIEPKO TEN DOORNKAAT (GERMANY)	DNBD	2	AN	ALC	US			C	TMS	1	10.0
FINNAMORE VALLEY (U.K.)	GHNN	02	AN	ALC	US			C	TMS	1	14.0
FLORIA (SWEDEN)	SDXA	7	AN	MER	SL	P	SL	C	TMS	1	14.0
FOYLEBANK (U.K.)	GTNG	1	AN	MER	SL	P	SL	C	TMS	1	13.0
FREE STATE (NORWAY)	LAUT	2	AN	MER	SL	P	SL	C	TMS	1	14.0
GAGE LUND (LIBERIA)	ELER	1	AN	ALC	S	P	S	C	MS	1	
GARDEN CITY	KIEN	12	AN	ALC	VS	P	VS	C	MS	1	15.0
GEMSTONE (LIBERIA)	6ZCH	23	AN	MER	SL	P	SL	C	TMS	1	14.0

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GENERAL AGUINALOC (PHILIPPINES)	DUIK	12,20	AN	MER	SL	P	SL	C	TMS	1	19.0	
GIUANIN FASSIO (ITALY)	ICTV	7	AN	MER	SL	P	SL	C	TMS	1	16.0	
GJENDEFJELL (NORWAY)	LFDL	02	AN	MER	SL	P	SL	C	TMS	1	16.0	
GOLDEN SWAN	ELSD	2	AN	ALC	US			C	TMS	1	14.0	
GOLFO DI PALERMO (ITALY)	ICRG	7	AN	MER	SL	P	SL	C	TMS	1	16.0	
GRAZIELLA ZETA (ITALY)	ICJZ	29	AN	MER	S	P	S	C	T	1	10.0	
GREEN COVE	KHZN	2	AN	MER	SL	P	SL	C	TMS	1	14.0	
GREEN PORT	WCWF	2	AN	MER	S	P	S	C	TMS	1	22.0	
GREEN RIDGE	KKPR	2	AN	MER	SL	P	SL	C	TMS	1	15.0	
GREEN SPRINGS	KPCT	2	AN	MER	SL	P	SL	C	TMS	1	22.0	
GREEN WAVE	WBAO	2	AN	ALC	VS	P	VS	C	TMS	1	22.0	
GRENANGER (NORWAY)	JXZQ	2	AN	MER	SL	P	SL	C	TMS	1	13.0	
GRIMLAND (SWEDEN)	SIMF	2	AN	MER	SL	P	SL	C	TMS	1	19.0	
GRUNDSUNDA (SWEDEN)	SGBN	6	AN	MER	SL	P	SL	C	TMS	1	16.0	
GUARICC (VENEZUELA)	YVFX	10	AN	MER	SL	P	SL	C	TMS	1	16.0	
GUNDA BROVIG (NORWAY)	LNGJ	2	AN	MER	SL	P	SL	C	TMS	1	14.0	
HAI DAH (CHINA)	BFHG	2	AN	ALC	VS	P	S	C	TMS	1	14.0	
HALIFAX STAR (U.K.)	GMCM	28	AN	ALC	S	P	S	C	TMS	1		
HAMILTON VICTORY	WEDF	20	AN	MER	S	P	S	C	MS	1	14.0	
HANS ISBRANDTSEN	WENW	2	AN	MER	S	P	S	C	TMS	1	16.0	
HAR MERON (ISRAEL)	4XSP	7	AN	MER	SL	P	SL	C	TMS	1	16.0	
HARVARD VICTORY	KRJS	20	AN	MER	S	P	S	C	TMS	1	13.0	
HASTINGS	KYRI	12,20	AN	MER	SL	P	SL	C	TMS	1	16.0	
HAVJC (NORWAY)	LAWZ	6	AN	MER	SL	P	SL	C	TMS	1	16.0	
HAVLOM (NORWAY)	JXCV	6	AN	MER	SL	P	SL	C	TMS	1	16.0	
HAVSKAR (NORWAY)	JXLR	6	AN	MER	SL	P	SL	C	TMS	1	16.0	
HAVSUL (NORWAY)	JXPT	6	AN	MER	SL	P	SL	C	TMS	1	19.0	
HAVTJELD (NORWAY)	JXRZ	6	AN	MER	SL	P	SL	C	TMS	1	16.0	
HAVTROL (NORWAY)	LAVA	6	AN	MER	SL	P	SL	C	TMS	1	16.0	
HEERING SUSAN	OZTT	01	AN	MER	SL	P	SL	C	TMS	1	20.0	
HEERING SUSAN (DENMARK)	OZTT	1	AN	MER	SL	P	SL	C	TM	TMS	1	20.0
HILVERSUM (NETHERLANDS)	PERT	6,13	AN	MER	SL	P	SL	C	TMS	1	15.0	
HOEGH DENE (NORWAY)	JXFY	2	AN	ALC	S	P	S	C	TMS	1	13.0	
HOEGH MALLARD (NORWAY)	LECB	2	AN	ALC	VS	P	VS	C	TMS	1		

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HOEGH MERIT (NORWAY)	LHYI	2	AN	ALC	S		C		TMS	1	15.0
HOEGH MUSKETEER (NORWAY)	LJVT	2	AN	ALC	S		C		TMS	1	17.0
HOEGH OPAL (NORWAY)	LMGQ	12	AN	MER	SL	P SL	C		TMS	1	15.0
HOEGH ORCHID (NORWAY)	LNAW	02	AN	ALC	US		C		TMS	1	16.0
HOLLYBANK (U.K.)	GMHY	1	AN	MER	SL	P SL	C		TMS	1	13.0
HOLTFJELL (NORWAY)	JXZR	2	AN	MER	SL	P SL	C		TMS	1	16.0
HONG KONG GRACE	6ZFN	12	AN	ALC	VS	P VS	C		TMS	1	
HONG KONG SURETY (LIBERIA)	ELHZ	2	AN	MER	S	P S	C		TMS	1	16.0
HONGKONG AMBER (LIBERIA)	6ZFP	12	AN	ALC	VS	P VS	C		MS	1	14.0
HONGKONG DELEGATE (LIBERIA)	6ZEW	02	AN	ALC	US		C		TMS	1	
HONGKONG EXPORTER (U.K.)	ZFGB	12	AN	ALC	US	P US	C		TMS	1	14.0
HONGKONG MARINER (LIBERIA)	5MKB	12	AN	MER	SL	P SL	C	SS	MS	1	
HONGKONG TRUTH (LIBERIA)	ELIW	29	AN	MER	S	P S	C		TMS	1	14.0
HORDA (NORWAY)	L~VR	6	AN	MER	SL	P SL	C		TMS	1	14.0
I.G.NICHELSON (GERMANY)	DANH	1,2	AN	MER	SL	P SL	C		TMS	1	
INDIAN CITY (U.K.)	GVZE	6,8,13	AN	MER	US		C		TMS	1	16.0
INVERNESS (LIBERIA)	6ZLP	02	AN	MER	SL	P SL	C		TMS	1	14.0
IONIAN PIONEER (LIBERIA)	6ZWA	2	AN	ALC	S	P S	C		TMS	1	19.0
IRISH ELM	5LVA	2	AN	MER	SL	P SL	C		MS	1	16.0
IRISH ELM (IRELAND)	EIWT	2	AN	ALC	S	P S	C		TMS	1	16.0
ITALIA (ITALY)	IBIH	21	AN	MER	S	P S	C		TMS	1	15.0
ITALIAN REEFER (DENMARK)	OYJH	2	AN	MER	S	P S	C		TMS	1	18.0
J.E. DYER	WKJO	1	AN	MER	S	P VS	BU		TMS	1	16.0
J.E.GOSLINE (LIBERIA)	6ZRC	1	AN	ALC	S		C	A	TMS	1	19.0
JAG ANAND (INDIA)	ATCU	2	AN	MER	SL	P SL	C		TMS	1	19.0
JALANTA (NORWAY)	LDAY	2	AN	MER	SL	P SL	C		TMS	1	17.0
JANECKE MAERSK (DENMARK)	OZMS	1	AN	MER	SL	P SL	C		TMS	1	16.0
JARICHA (NORWAY)	JXSU	2	AN	MER	SL	P SL	C		MS	1	
JASMINE (NETHERLAND)	PJNA	2,10	AN	MER	SL	P SL			TMS	1	10.0
JASON (NETHERLANDS)	PFCC	10,17	AN	MER	SL	P SL	C	SS	TMS	1	13.0
JELA TOPIC (LIBERIA)	6ZWQ	2	AN	ALC	VS		C		TMS	1	17.0
JIN DUEK (REP. OF KOREA)	6KCV	2	AN	MER	S		C		TMS	1	15.0

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JUSTINIAN (NORWAY)	JWLI	2	AN	ALC	US					TMS	1	17.0
KINGS POINT	WDYU	2	AN	ALC	S					TMS	1	15.0
KLAUS SCHOKE (GERMANY)	DHNS	23	AN	MER	SL	P	SL	C		TMS	1	15.0
KOLBJORG (NORWAY)	JXEK	2	AN	MER	SL	P	SL	C		TMS	1	11.0
KOREAN FRONTIER (KOREA)	6LJA	2	AN	ALC	S	P	S	C		TMS	1	19.0
KOREAN PIONEER (KOREA)	6LIZ	12,20	AN	ALC	S	P	S	C	A	TMS	2	16.0
KORLE LAGOON (LIBERIA)	9GUJ	8	AN	MER	SL	P	SL	C	SS	TMS	1	16.0
KRISTIAN BIRKELAND (NORWAY)	JXVQ	1	AN	MER	SL	P	SL	C		TMS	1	16.0
KRISTIAN BROVIG (NORWAY)	LNWR	2	AN	MER	US	P	US	C		TMS	1	13.0
LADON (NETHERLANDS)	PFMO	10,17,19	AN	MER	SL	P	SL	C	SS	TMS	1	13.0
LAGO ALUMINE (ARGENTINA)	LQBP	16	AN	ALC	US	P	US	C		TMS	1	14.0
LAKE ONTARIO (SWEDEN)	SDGE	28	AN	ALC	VS	P	VS	C		TMS	1	
LANE VICTORY	KECW	20	AN	MER	S	P	S	C		TMS	1	13.0
LARCHBANK (U.K.)	GHDN	1	AN	ALC	US			C		TMS	1	13.0
LAUST MAERSK (DENMARK)	OYVY	12,20	AN	MER	SL	P	SL	C		TMS	1	13.0
LAWRENCE VICTORY	KWTL	2	AN	MER	S	P	S	C		TMS	1	13.0
LEISE MAERSK (DENMARK)	OVCF	1	AN	MER	SL	P	SL	C		TMS	1	16.0
LIBREVILLE (NORWAY)	LATW	7	AN	MER	SL	P	SL	C		TMS	1	14.0
LICA MAERSK (DENMARK)	OUIS	12,20	AN	MER	SL	P	SL	C		TMS	1	13.0
LINDENBANK (U.K.)	GHDP	1	AN	MER	SL	P	SL	C		TMS	1	13.0
LING YUNG (CHINA)	BMDQ	1	AN	ALC	S	P	S	C	A	TMS	2	19.0
LONG LINES	WATF	2	AN	MER	SL	P	SL	C		TMS	1	16.0
LUNA MAERSK (DENMARK)	OWAS	1	AN	MER	SL	P	SL	C		TMS	1	16.0
MAGLEBY MAERSK (DENMARK)	OWPQ	2	AN	MER	SL	P	SL	C		TMS	1	14.0
MALAYSIA FORTUNE (LIBERIA)	6ZGN	2	AN	MER	VS	P	VS	C		TMS	1	13.0
MARATHON (NETHERLANDS)	PFTC	10,17	AN	MER	SL	P	SL	C	SS	TMS	1	13.0
MARE ARTICO (ITALY)	ICHL	22	AN	MER	S	P	S	C	SS	TMS	1	13.0
MARGARETHE BOLTEN (GERMANY)	DNEN	2	AN	MER	S	P	S	C	SS	TMS	1	19.0
MARGIT BROVIG (NORWAY)	JXJT	28	AN	MER	SL	P	SL	C		TMS	1	15.0
MARIANO ESCOBEDO (MEXICO)	XCMC	2	AN	MER	SL	P	SL	C		TMS	1	13.0
MARINA L. (LIBERIA)	6ZHL	2	AN	ALC	S			C	A	TMS	1	
MATHILDE BOLTEN	DAJE	2	AN	MER	SL	P	SL	C		TMS	1	13.0

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MELVIN H.BAKER (LIBERIA)	5LBV	2	AN	MER	SL	P	SL	C		TMS	1	16.0
MEMNON (NETHERLANDS)	PFXQ	10,17	AN	MER	SL	P	SL	C	SS	TMS	1	13.0
MILL SPLENDOR (LIBERIA)	ELJY	2	AN	MER	S	P	S	C		TMS	1	19.0
MILORA (NORWAY)	JXRI	2	AN	ALC	US			C		TMS	1	17.0
MOBIL ASTRAL (U.K.)	GMCH	2	AN	MER	A	P	A	C		TMS	1	16.0
MOBIL BRILLIANT (LIBERIA)	6ZMO	2	AN	MER	S			C		TMS	1	
MOBIL VIGILANTE (LIBERIA)	5MWW	2	AN	MER	SL	P	SL	C		TMS	1	19.0
MONTPELIER VICTORY	WJCS	2	AN	MER	SL	P	SL	C		TMS	1	16.0
MOSHILL (NORWAY)	JXNT	2	AN	ALC	S			C		TMS	1	20.0
NAESS SEAFARER (LIBERIA)	6ZFA	21,23	AN	MER	SL	P	SL	C		TMS	1	16.0
NAESS THUNDER (LIBERIA)	5MAT	6	AN	MER	SL	P	SL	C		TMS	1	16.0
NAGANO (LIBERIA)	5MMC	11,12	AN	MER	SL	P	SL	C		TMS	1	
NANDO FASSIO (ITALY)	ICJN	7	AN	MER	SL	P	SL	C		TMS	1	16.0
NATIONAL SEAFARER	WGIS	2	AN	MER	SL	P	SL	C		TMS	1	16.0
NAVEM PIRATINI (BRAZIL)	PPBQ	16	AN	ALC	VS	P	VS	C		TMS	1	14.0
NEW YORK STAR (U.K.)	GQGH	8	AN	MER	SL	P	SL	C		S	1	16.0
OAKVILLE (NORWAY)	JWLS	12,20	AN	MER	SL	P	SL	C		TMS	1	14.0
OCALA VICTORY	KADJ	20	AN	MER	US	P	US	C		MS	1	13.0
OCEAN ANNA	KFGK	2	AN	MER	SL	P	SL	C		TMS	1	16.0
OCEAN EVELYN	KPZR	2	AN	MER	SL	P	SL	C		TMS	1	16.0
OCEAN PRIMA (LIBERIA)	6ZYB	20	AN	ALC	US			C		TMS	1	16.0
OCEANIC FIRST (LIBERIA)	6ZUX	2	AN	ALC	US			C		TMS	1	15.0
OKLAHOMA GETTY (LIBERIA)	5LQN	1	AN	MER	SL	P	SL	C		TMS	1	
OLEANDER (NETHERLANDS)	PGMI	2	AN	MER	SL	P	SL	C		TMS	1	10.0
OLGA MAERSK (DENMARK)	OUCR	2	AN	ALC	US			C		TMS	1	15.0
OREAD (LIBERIA)	5LBM	2	AN	ALC	S	P	S	C		TMS	1	19.0
ORIENTAL ENVOY (LIBERIA)	6ZIZ	2	AN	MER	S	P	S	C		TMS	1	19.0
ORIENTAL HERO (LIBERIA)	6ZYG	12	AN	MER	SL	P	SL	C		TMS	1	15.0
ORIENTAL JADE (LIBERIA)	6ZLS	20	AN	ALC	US			C		TMS	1	13.0
ORIENTAL LACY (LIBERIA)	6ZWX	12	AN	ALC	US	P	US	C		TMS	1	16.0
ORIENTAL MUSICIAN (LIBERIA)	6ZXO	12	AN	ALC	S	P	S	C		TMS	1	16.0
ORIENTAL QUEEN (CHINA)	BMAF	12,20	AN	ALC	US			C	A	TMS	1	17.0
ORIENTAL STAR (PANAMA)	HCOR	2	AN	ALC	US			C		MS	1	13.0

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OROTAVA (U.K.)	GYCA	6,12	AN	ALC	US		C			TMS	1	16.0
OSIRIS (NETHERLANDS)	PGPL	10,17	AN	MER	SL	P	SL	C	SS	TMS	1	13.0
OVERSEAS ROSE	WRDK	2	AN	MER	A	P	A	C		TMS	1	16.0
OVERSEAS ULLA	WHLC	2	AN	ALC	US	P	US	C		TMS	1	13.0
PACMERCHANT	HOLP	20	AN	ALC	US			C		TMS	1	23.0
PAOLA COSTA (ITALY)	ICWY	7	AN	MER	SL	P	SL	C	SS	TMS	1	16.0
PARTHENON (NETHERLANDS)	PGRC	10,17	AN	MER	SL	P	SL	C	SS	TMS	1	13.0
PECOS	KXWO	2	AN	MER	S	P	S	C		TMS	1	14.0
PENN EXPORTER	KPNT	2	AN	ALC	VS	P	VS	C		TMS	1	16.0
PHILIP S.NIARCHOS (LIBERIA)	5MPN	2	AN	MER	SL	P	SL	C		TMS	1	24.0
PHILLIPS TEXAS (LIBERIA)	5MHP	2	AN	ALC	S	P	S	C	SS	TMS	1	19.0
PHILLIPS WASHINGTON	KEMA	5	AN	MER	S	P	S	C		TMS	1	14.0
PIA COSTA (ITALY)	IBUP	7	AN	MER	SL	P	SL	C	SS	TMS	1	19.0
PONTOS (NORWAY)	LIAM	2	AN	ALC	US			C		TMS	1	17.0
PRIAMOS (GERMANY)	DALN	2	AN	ALC	VS	P	VS	C		TMS	1	13.0
PRINCETON VICTORY	KQRF	20	AN	ALC	US	P	US	C		TMS	1	13.0
PUNA (GERMANY)	DNFH	2	AN	MER	SL	P	SL	C		TMS	1	
PYTHIAS (NORWAY)	LMKL	12	AN	MER	SL	P	SL	C	SS	TMS	1	17.0
QUEENS VICTORY	KQSJ	20	AN	MER	US	P	US	C		TMS	1	13.0
RANDI BROVIG (NORWAY)	LIFL	2	AN	ALC	VS	P	VS	C		TMS	1	13.0
RELIANCE INTERGRITY (PANAMA)	HPJC	20	AN	MER	S	P	S	C		TMS	1	14.0
RHEIN (GERMANY)	DGIR	6,13	AN	ALC	VS	P	VS	C		TMS	1	
RHINE ORE (LIBERIA)	5MAL	2	AN	ALC	VS	P	VS	C		MS	1	13.0
ROCKHAMPTON STAR (U.K.)	GWTX	28	AN	MER	SL	P	SL	C		S	1	15.0
ROSEVILLE (NORWAY)	JXPY	12	AN	MER	SL	P	SL	C		TMS	1	
ROHR ORE (LIBERIA)	5MDV	2	AN	MER	SL	P	SL	C		TMS	1	15.0
SALTILLO (MEXICO)	XCSV	5	AN	MER	SL	P	SL	C		TMS	1	13.0
SAM RATULANGIE	PKUU	1	AN	ALC	VS	P	VS	C		TMS	1	15.0
SAN JUAN EXPORTER (LIBERIA)	ELEC	20	AN	MER	S	P	S	C		TMS	1	22.0
SAN JUAN PIONEER (LIBERIA)	5MJY	20	AN	MER	SL	P	SL	C		TMS	1	
SAN JUAN TRADER (LIBERIA)	6ZQB	20	AN	MER	S	P	S	C	HA	TMS	1	16.0
SANGSTAD (NORWAY)	LGSW	6	AN					C		TMS	1	17.0

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SANTOS (SWEDEN)	SKBN	2	AN	ALC	S		C		MS	1	
SARGODHA (DENMARK)	OYGB	23	AN	ALC	US		C		MS	1	13.0
SARPEDON (NETHERLANDS)	PHIT	10, 17	AN	MER	SL	P	SL	C	SS	TMS	13.0
SCANDIA CLIPPER (SWEDEN)	SCID	12	AN	ALC	US	P	US	C		TMS	14.0
SEA VIKING (NORWAY)	LAKL	10	AN	MER	SL	P	SL	C		TMS	16.0
SEATRAN CAROLINA	WSII	2	AN	MER	S	P	S	C		TMS	13.0
SEATRAN FLORIDA	WRCX	12	AN	MER	SL	P	SL	C		TMS	19.0
SEATRAN MAINE	KRLO	2	AN	MER	SL	P	SL	C		TMS	19.0
SEATRAN MARYLAND	KWCY	2	AN	ALC	S	P	S	C		TMS	19.0
SEATRAN PUERTO RICO	KNGA	2	AN	MER	SL	P	SL	C		TMS	23.0
SEFRA (NORWAY)	JXPV	2	AN	MER	SL	P	SL	C		TMS	15.0
SHEAF MOUNT (U.K.)	GPLH	2	AN	MER	S	P	S	C		TMS	18.0
SHENANDOAH	WIEN	2	AN	ALC	S	P	S	C		TMS	1
SIMOA (NORWAY)	JXFH	02	AN	MER	US	P	US	C		TMS	13.0
SINALOA (DENMARK)	OXVP	23	AN	MER	VS	H	VS	C		TMS	13.0
SINGAPORE TRIUMPH (LIBERIA)	5LGI	1	AN	MER	SL	P	SL	C		TMS	18.0
SINON (NETHERLANDS)	PHMZ	10, 17	AN	MER	SL	P	SL	C	SS	TMS	13.0
SKADI (NETHERLANDS)	PHNU	17	AN	MER	SL	P	SL	C		TMS	10.0
SOMERS ISLE (U.K.)	GBSE	2	AN	MER	SL	P	SL	C		TMS	1
SONETTE (SWEDEN)	SLIT	2	AN	MER	SL	P	SL	C		TMS	22.0
SOUTH BREEZE	JWNL	2	AN	ALC	S		C			TMS	13.0
SOUTHERN STAR	KQPE	12	AN	MER	SL	P	SL	C		TMS	14.0
SPILDRA (NORWAY)	JWNL	2	AN	ALC	S		C			TMS	13.0
SPIROS POLEMIS (GREECE)	SVOS	2	AN	ALC	S	P	S	C		TMS	16.0
ST.LAWRENCE MARU (JAPAN)	JIXE	12	AN	MER	SL	P	SL	C		TMS	17.0
STARSTONE (LIBERIA)	6ZOL	23	AN	MER	US		C			TMS	16.0
STEPHANIE (LIBERIA)	6ZRJ	2	AN	ALC	US	P	US	C		TMS	14.0
STOLT STEINSTAD (NORWAY)	LGKR	2	AN	MER	SL	P	SL	C		TMS	17.0
STORVIKEN (LIBERIA)	6ZRB	2	AN	ALC	S	P	S	C		TMS	16.0
SUBIN RIVER	96CV	8	AN				C		SS	TMS	14.0
SUNDORA (ITALY)	ICOU	6	AN	ALC	S	P	S	C		TMS	16.0
SUNMAPLE (NORWAY)	LJFJ	02	AN	MER	SL	P	SL	C		TMS	16.0
SUSONG (REPUBLIC OF KOREA)	6LAP	20	AN	MER	S	P	S	C		TMS	22.0

UNITED STATES OF AMERICA

TABASCO (MEXICO)	XCTA	5	AN	MER	SL	P	SL	C		MS	1	13.0
TACHEE (PANAMA)	HPZB	2	AN	ALC	S	P	S	C		TMS		
TAI NING (CHINA)	BHFB	12,20	AN	ALC	S	P	S	C		TMS	1	15.0
TAI SHOU (CHINA)	BHEX	1	AN	ALC	US			C		TMS	1	16.0
TASMANIC	SKYN	2	AN	ALC	S			C		TMS	1	16.0
TELAMON (U.K.)	GHGY	1	AN	MER	SL	P	SL	C	SS	TMS	1	13.0
TELEMACHUS (U.K.)	GHGT	11	AN	MER	SL	P	SL	C		TMS	1	14.0
TENNESSEE (NORWAY)	LJPN	7	AN	MER	SL	P	SL	C		TMS	1	16.0
TEXACO BRISBANE (U.K.)	GHDQ	2	AN	ALC	S	P	S	C	A	TMS	1	20.0
TEXACO PENNSYLVANIA (PANAMA)	HOON	7	AN	ALC	S	P	S	C		TMS	1	19.0
TEXAS TRADER	KYXB	2	AN	MER	SL	P	SL	C		TMS	1	22.0
THERON (NETHERLANDS)	PHYG	10,17	AN	MER	SL	P	SL	C	SS	TMS	1	13.0
THOMAS A	KATS	2	AN	ALC	US	P	US	C		TMS	1	14.0
THOMAS M.	KIHW	2	AN	ALC	US	P	US	C		TMS	1	13.0
THYRA TORM (DENMARK)	OZHI	7	AN	MER	SL	P	SL	C		TMS	1	14.0
TIHA (LIBERIA)	5MMS	2	AN	MER	SL	P	SL	C		TMS	1	16.0
TIMARU STAR (U.K.)	GVXH	28	AN	MER	SL	P	SL	C		TMS	1	13.0
TITANIA (NORWAY)	JXAQ	1	AN	MER	SL	P	SL	C		TMS	1	16.0
TRANSPACIFIC	KVMI	2	AN	MER	S	P	S	C		TMS	1	19.0
TRESFONN (NORWAY)	JXJZ	2	AN	ALC	US			C	OS	TMS	1	14.0
TROJALAND (SWEDEN)	SHCU	25,29	AN	MER	SL	P	SL	C		TMS	1	14.0
U.S. TOURIST	SHOU	2	AN	ALC	US	P	US	C		TMS	1	14.0
U.S.NAVIGATOR	KPHK	2	AN	MER	S	P	S	C		TMS	1	13.0
ULYSSES (U.K.)	GDWV	28	AN	MER	SL	P	SL	C		TMS	1	16.0
UNION ENTERPRISE (CHINA)	BKBO	20	AN	ALC	US			C	A	MS	1	13.0
UNION GLORY (LIBERIA)	5MEE	2	AN	ALC	S	P	S	C		TMS	1	16.0
UNIVERSE DEFIANCE (LIBERIA)	5LUV	2	AN	ALC	S			C		TMS	1	16.0
UNIVERSE IRELAND (LIBERIA)	ELQL	1	AN	MER	VS		VS	C		TMS	1	27.0
UNIVERSE JAPAN	ELXZ	1	AN	MER	VS		VS	C		TMS	1	27.0
UNIVERSE KUWAIT	ELON	1	AN	MER	VS		VS	C		TMS	1	27.0
UNIVERSE PORTUGAL	ELYA	1	AN	MER	VS		VS	C		TMS	1	27.0
UPPLAND (SWEDEN)	SKPM	2	AN	ALC	US	P	US	C		TMS	1	16.0
VERAS (U.K.)	GCBH	9,10,11	AN	MER	SL	P	SL	C		TMS	1	13.0

UNITED STATES OF AMERICA

VILYAMA (NORWAY)	LKBD	12,20	AN	ALC	US		C	TMS 1	18.0
VISHVA BHAKTI (INDIA)	VWXQ	1	AN	MER	SL	P SL	C	TMS 1	16.0
VISHVA SEVA (INDIA)	VWWS	1	AN	MER	SL	P SL	C	TMS 1	16.0
VISHVA SIDDHI (INDIA)	VWXR	2	AN	MER	S	P S	C	TMS 1	13.0
VISHVA TIRTH (INDIA)	VWWT	1	AN	MER	SL	P SL	C	TMS 1	16.0
WABASHA (PANAMA)	HPYU	2	AN	ALC	S	P S	C	TMS 1	16.0
WACOSTA	KWMY	4	AN	MER	SL	P SL	C	TMS 1	16.0
WANETA (PANAMA)	HPAY	2	AN	ALC	S	P S	C	TMS 1	16.0
WAPELLO (PANAMA)	HPEB	1	AN	ALC	S	P S	C	TMS 1	16.0
WASHINGTON TRADER	WITS	2	AN	MER	SL	P SL	C	TMS 1	13.0
WELSH MINSTREL (U.K.)	GYGD	12,20	AN	MER	SL	P SL	C	TMS	19.0
WENATACHI (PANAMA)	HPTG	1	AN	ALC	S	P S	C	TMS 1	16.0
WESER (GERMANY)	DGKW	2	AN	MER	SL	P SL	C	TMS 1	16.0
WEST BREEZE (U.K.)	ZEKS	2	AN	MER	US			TMS 1	14.0
WILKE (FINLAND)	DGDM	2	AN	MER	SL	P SL	C	TMS 1	14.0
WILLOWBANK (U.K.)	GFSH	1	AN	ALC	S		C	TMS 1	13.0
WINIMAC (PANAMA)	HPKN	2	AN	ALC	S	P S	C	TMS 1	16.0
WOODVILLE (NORWAY)	JWTM	2	AN	MER	SL	P SL	C	TMS 1	13.0

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YUGOSLAVIA

- 1 ADRIATIC
- 2 ADRIATIC - MEDITERRANEAN
- 3 ADRIATIC - BLACK SEA
- 4 ADRIATIC - NEAR EAST
- 5 ADRIATIC - MIDDLE EAST
- 6 ADRIATIC - FAR EAST
- 7 ADRIATIC - NORTHERN EUROPE
- 8 ADRIATIC - UNITED KINGDOM
- 9 ADRIATIC - UNITED STATES OF AMERICA
- 10 ADRIATIC - UNITED STATES OF AMERICA (GREAT LAKES)
- 11 ADRIATIC - UNITED STATES OF AMERICA (GULF LINE)
- 12 ADRIATIC - SOUTH AMERICA
- 13 ADRIATIC - AFRICA, EAST COAST
- 14 ADRIATIC - AFRICA, WEST COAST
- 15 ADRIATIC - AROUND THE WORLD
- 16 ADRIATIC - AUSTRALIA
- 17 ADRIATIC - VARIABLE, NO FIXED ROUTE

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Selected Ships

AGRUM	YTRZ	17	AN	MER	S	P S	C		TMS	1	
AUGUST CESAREC	YTQQ	5	AN	MER	S	P S	C		TMS	1	16.0
BASKA	YTGy	12	AN	MER	S	P S	C		TMS	1	14.0
BOONA	YTQB	14	AN	MER	S	P S	C		TMS	1	
BOHINJ	YTFH	14	AN	MER	S	P S	C	SS	TMS	1	15.0
BOVEC	YTFF	14	AN	MER	S	P S	C		TMS	1	15.0
GORAN KOVACIC	YTQW	9	AN	MER	S	P S	C		TMS	1	15.0
IDRIJA	YTJG	17	AN	MER	S	P S	C		TMS	1	
JORDAN NIKOLOV	YTXD	17	AN	MER	S	P S	C		TMS	1	
KASTAV	YTUI	9	AN	MER	S	P S	C		TMS	1	
KONAVLI	YTOK	13	AN	MER	S	P S	C		TMS	1	15.0
KOPER	YTMT	17	AN	MER	S	P S	C	SS	TMS	1	14.0
KOROTAN	YTGF	12	AN	MER	S	P S	C		TMS	1	
KOSOVO	YTEE	5	AN	MER	S	P S	C		TMS	1	18.0
KOSTRENA	YTJU	6	AN	MER	S	P S	C		TMS	1	16.0
KRPAN	YTMN	17	AN	MER	S	P S	C		TMS	1	
KRUSEVAC	YTLU	17	AN	MER	S	P S	C		TMS	1	18.0
KUMROVEC	YTQV	13	AN	MER	W	P W	C		TMS	1	
KVANER	YTKN	12	AN	MER	S	P S	C		TMS	1	14.0
LJUBLJANA	YTBp	12	AN	MER	S	P S	C		TMS	1	18.0
LJUTOMER	YTNL	12	AN	MER	S	P S	C		TMS	1	15.0
LOVCEN	YTEL	13	AN	MER	S	P S	C		TMS	1	13.0
MAKARSKA	YTVZ	10	AN	MER	S	P S	C		TMS	1	
MAKEDONTJA	YTAM	5	AN	MER	S	P S	C		TMS	1	20.0
NEHAJ	YTQP	5	AN	MER	S	P S	C		TMS	1	14.0
NIKOLA TESLA	YTAN	5	AN	MER	S	P S	C		TMS	1	15.0
NOVI VINODOLSKI	YTGx	5	AN	MER	A	P A	C		TMS	1	14.0
PLOD	YTMD	17	AN	MER	S	P S	C		TMS	1	7.0
POMORAVLJE	YTRB	2	AN	MER	A	P A	C		TMS	1	
PORTOROZ	YTCJ	12	AN	MER	S	P S	C		TMS	1	15.0
POSTOJNA	YTDI	12	AN	MER	S	P S	C		TMS	1	15.0

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YUGOSLAVIA

PRIMORJE	YTGM	13	AN	MER	S	P S	C	TMS 1	15.0
RIJEKA	YTAR	9	AN	MER	S	P S	C	TMS 1	
ROMANIJA	YTDR	11	AN	MER	S	P S	C	TMS 1	14.0
RUGJER BOSKOVIC	YTAY	17	AN	MER	S	P S	C	TMS 1	17.0
SARAJEVO	YTDS	2	AN	MER	S	P S	C	TMS 1	
SRBIJA	YTES	13	AN	MER	S	P S	C	TMS 1	
SUMADIJA	YTHX	17	AN	MER	S	P S	C	TMS 1	17.0
TRBOVLJE	YTBE	15	AN	MER	S	P S	C	TMS 1	16.0
TRECI MAJ	YBTB	5	AN	MER	S	P S	C	TMS 1	16.0
TRSAT	YTQO	6	AN	MER	S	P S	C	TMS 1	14.0
TUHOVIC	YTJT	9	AN	MER	S	P S	C	TMS 1	18.0
USKOK	YTJO	16	AN	MER	S	P S	C	TMS 1	16.0
VARES	YTEW	13	AN	MER	S	P S	C	TMS 1	13.0
ZADAR	YTBL	2	AN	MER	S	P S	C	TMS 1	
ZAGREB	YTCZ	4	AN	MER	S	P S	C	TMS 1	13.0
ZELENGORA	YTDZ	14	AN	MER	S	P S	C	TMS 1	
ZLEVOTO	YTJH	17	AN	MER	S	P S	C	TMS 1	19.0

Supplementary Ships

ADMIRSL ZMAJEVIC	YTLZ	5	AN	MER	US		C	TMS 1	
ALKA	YTCA	5	AN	MER	US		C	TMS 1	15.0
BLAD	YTFG	14	AN	MER	US		C	TMS 1	15.0
FRANJO SUPILO	YTGQ	9	AN	MER	US		C	TMS 1	
GRUZ	YTDG	17	AN	MER	US		C	TMS 1	
JESENICE	YTCH	5	AN	MER	US		C	TMS 1	
KORCULA	YTFM	17	AN	MER	US		C	TMS 1	
MARKO MARULIC	YTAX	5	AN	MER	US		C	TMS 1	15.0
PETKA	YTAF	17	AN	MER	US		C	TMS 1	
PRIMOSTEN	YTET	17	AN	MER	US		C	TMS 1	11.0
SOLIN	YTPS	9	AN	MER	US		C	TMS 1	
ZLARIN	YTPZ	17	AN	MER	US		C	TMS 1	

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YUGOSLAVIA

AVALA	YTAA	11	AN	MER	US	C	TMS	1	14.0
BANAT	YTMY	17	AN	MER	US	C	TMS	1	14.0
BOL	YTVB	13	AN	MER	US	C	TMS	1	10.0
BOR	YTEI	17	AN	MER	US	C	TMS	1	12.0
BOZAVA	YTFJ	17	AN	MER	US	C	TMS	1	11.0
BRATSTVO	YTDB	2	AN	MER	US	C	TMS	1	
DORCOL	YTEX	17	AN	MER	US	C	TMS	1	
DREZNICA	YTKU	12	AN	MER	US	C	TMS	1	
IVAN MAZURANIC	YTGW	7	AN	MER	US	C	TMS	1	13.0
JADRO	YTEJ	13	AN	MER	US	C	TMS	1	12.0
KAPETAN MARTINOVIC	YTPM	11	AN	MER	US	C	TMS	1	14.0
KORNAT	YTUX	17	AN	MER	US	C	TMS	1	
KOTOR	YTLN	17	AN	MER	US	C	TMS	1	
KRANJCEVIC	YTQN	9	AN	MER	US	C	TMS	1	15.0
KRK	YTKH	12	AN	MER	US	C	TMS	1	14.0
LJUBIJA	YTJI	17	AN	MER	US	C	TMS	1	
LUKA BOTIC	YTCX	13	AN	MER	US	C	TMS	1	15.0
MATKO LAGINJA	YTHJ	7	AN	MER	US	C	TMS	1	13.0
METOHIIJA	YTIE	17	AN	MER	US	C	TMS	1	14.0
MIHO PRACAT	YTAU	17	AN	MER	US	C	TMS	1	
OMIS	YTFO	10	AN	MER	US	C	TMS	1	13.0
PELJESAC	YTCX	13	AN	MER	US	C	TMS	1	
PLOCE	YTEY	17	AN	MER	US	C	TMS	1	
POBJEDA	YTEP	17	AN	MER	US	C	TMS	1	11.0
PROGRES	YTCF	17	AN	MER	US	C	TMS	1	
PULA	YTCI	11	AN	MER	US	C	TMS	1	12.0
RUDO	YTMR	17	AN	MER	US	C	TMS	1	16.0
SALI	YTFL	17	AN	MER	US	C	TMS	1	
SILBA	YTTS	17	AN	MER	US	C	TMS	1	17.0
SISAK	YTMQ	17	AN	MER	US	C	TMS	1	16.0
SLAVONIJA	YTBI	17	AN	MER	US	C	TMS	1	

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YUGOSLAVIA

SLOBODA	YTBO	17	AN	MER	US	C	TMS 1	11.0
SLOVENIJA	YTFA	6	AN	MER	US	C	TMS 1	14.0
SPLIT	YTLB	10	AN	MER	US	C	TMS 1	16.0
TREPICA	YTGT	5	AN	MER	US	C	TMS 1	16.0
TRIGLAV	YTDT	5	AN	MER	US	C	TMS 1	13.0
UCKA	YTCU	7	AN	MER	US	C	TMS 1	14.0
VELEBIT	YTDV	5	AN	MER	US	C	TMS 1	13.0
VISEVICA	YTMV	9	AN	MER	US	C	TMS 1	18.0
ZETA	YTAE	17	AN	MER	US	C	TMS 1	
ZVIR	YTNZ	9	AN	MER	US	C	TMS 1	14.0