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ARGENTINA

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- 1 BUENOS AIRES - PUERTOS DEL MAR MEDITERRANEO
- 2 BUENOS AIRES - PUERTOS DE EUROPA (MAR, DEL NORTE)
- 3 BUENOS AIRES - PUERTOS DEL GOLFO DE MEJICO Y DEL BRASIL
- 4 BUENOS AIRES - PUERTOS DEL ESTE DE AMERICA DEL NORTE
- 5 BUENOS AIRES - PUERTOS DEL BRASIL
- 6 BUENOS AIRES - PUERTOS PATAGONICOS ARGENTINOS
- 7 BUENOS AIRES - PUERTOS SUDAMERICANOS DEL PACIFICO Y ATLANTICO
- 8 BUENOS AIRES - PUERTOS DEL JAPON, VIA SUDAFRICA
- 9 BUENOS AIRES - PUERTOS VARIOS, NO TIENE RUTA FIJA
- 6 HONG KONG AND/OR JAPAN - GULF OF THAILAND

## ARGENTINA

## Selected Ships

ALMIRANTE STEWART	LQAT	4	AN	MER	W	P	W	C	SS	TMS 1	13.0
ANTARTICO	LQQA	5	AN	MER	S	P	S	C	SS	TMS 1	12.0
ARQUIMEDES	LQYA	9	AN	MER	S	P	S	C	SS	TMS 1	10.0
ASTRAPATAGONIA	LQYW	6	AN	MER	S	P	S	C	SS	TMS 1	16.0
ASTRASUR	LQUW	6	AN	MER	W	P	W	C	SS	TMS 1	13.0
BALLENITA	LQUE	7	AN	MER	W	P	W	C	SS	TMS 1	10.0
CACIQUE CATRIEL	LQUZ	5	AN	MER	W	P	W	C	SS	TMS 1	8.0
CIPOLLETTI	LQHC	5	AN	MER	W	P	W	C	SS	TMS 1	12.0
COMODORO RIVADAVIA	LRBP	6	MER	MER	S	P	S	C	SS	TMS 1	11.0
EARTH BANK	LQYE	5,6	AN	MER	W	P	W	C	SS	TMS 1	11.0
ESTRELLA PATAGONICA	LQYV	6	AN	MER	S	P	S	C	SS	TMS 1	15.0
FLETERO	LQAY	7	AN	MER	W	P	W	C	SS	TMS 1	13.0
FLORENTINO AMEGHINO	LRAF	6	AN	MER	W	P	W	C	SS	TMS 1	11.0
GENERAL LAS HERAS	LRCH	6	MER	MER	S	P	S	C	SS	TMS 1	12.0
GENERAL SAN MARTIN	LRBM	6	MER	MER	W	P	W	C	SS	TMS 1	12.0
HARVELLA	LQPH	6	AN	MER	W	P	W	C	SS	TMS 1	13.0
INGENIERO HERMITTE	LRAH	6	MER	MER	S	P	S	BU	SS	TMS 1	12.0
ISLAS GEORGAS	LRAG	6	MER	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 1	14.0
LAGO ARGENTINO	LQBN	2	AN	MER	S	P	S	C	SS	TMS 1	15.0
LAGO LACAR	LQGC	1	AN	MER	S	P	S	C	SS	TMS 1	15.0
LAGO NAHUEL HUAPI	LQGA	2,8	AN	MER	W	P	W	C	SS	TMS 1	16.0
LAGO TRAFUL	LQGB	2	AN	MER	W	P	W	C	SS	TMS 1	16.0
LIBERTAD	LPAC	2	AN	MER	S	P	S	C	SS	TMS 2	18.0
PECTEN	LQYP	6	AN	MER	W	P	W	C	SS	TMS 1	14.0
PERITO MORENO	LRAI	6	MER	MER	S	P	S	C	SS	TMS 1	15.0
PETROMAR CORDOBA	LQVC	6	AN	MER	W	P	W	C	SS	TMS 1	15.0
PROGRESO ARGENTINO	LQPA	2	AN	MER	S	P	S	C	SS	TMS 1	17.0
RIO BELGRANO	LRPW	3	AN	MER	W	P	W	C	SS	TMS 1	15.0
RIO CARCARANA	LRPC	2	AN	MER	W	P	W	C	SS	TMS 1	15.0

## ARGENTINA

RIO COLORADO	LRPD	1	AN	MER	W	P	W	C	SS	TMS	1	15.0
RIO CUARTO	LRQL	2	AN	MER	W	P	W	C	SS	TMS	1	14.0
RIO DE LA PLATA	LQRP	4	AN	MER	S	P	S	C	SS	TMS	1	15.0
RIO DULCE	LQGR	4	AN	MER	S	P	S	C	SS	TMS	1	14.0
RIO GALLEGOS	LRRB	2	AN	MER	W	P	W	C	SS	TMS	1	12.0
RIO MENDOZA	LRSH	3	AN	MER	W	P	W	C	SS	TMS	1	12.0
RIO PARANA	LQPR	2	AN	MER	W	P	W	C	SS	TMS	1	14.0
RIO QUEQUEN	LRSU	3	AN	MER	S	P	S	C	SS	TMS	1	13.0
RIO SAN JUAN	LRTA	3	AN	MER	W	P	W	C	SS	TMS	1	12.0
RIO SANTIAGO	LRTH	2	AN	MER	W	P	W	C	SS	TMS	1	12.0
RIO TERCERO	LRTK	2	AN	MER	S	P	S	C	SS	TMS	1	13.0
RIO TUNUYAN	LPQG	2	AN	MER	W	P	W	C	SS	TMS	2	16.0
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
SAN JULIAN	LRDA	6	MER	MER	S	P	S	C	SS	TMS	1	13.0

## Supplementary Ships

AREMAR	LQUQ	7	AN	MER	S	P	S	C		TMS	1	14.0
ASTRACHUBOT	LQXT	6	AN	MER	W	P	W	C	SS	MS	1	10.0
BAHIA BUEN SUCEO	LOPQ	5,6	AN	MER	W	P	W	C	SS	TMS	1	8.0
BLAS DAVENIA	LQYD	5	AN	MER	S	P	S	C		TMS	1	10.0
CABO SAN DIEGO	LQYS	5,6	AN	MER	S	P	S	C		MS	1	10.0
CABO SAN GONZALO	LOMY	6	AN	MER	W	P	W	C	SS	TMS	1	7.0
CABO SAN ISIDRO	LONA	6	AN	MER	W	P	W	C	SS	TMS	1	9.0
CABO SAN PIO	LONE	6	AN	MER	W	P	W	C	SS	TMS	1	10.0
CACIQUE NAMUNCURA	LQVN	4,9	AN	MER	S	P	S	C	SS	TMS	1	10.0
DESDEMONA	LQZD	5	AN	MER	S	P	S	C		TMS	1	10.0
ENTRE RIOS	LQER	2	AN	MER	W	P	W	C	SS	MS	1	13.0
ESTRELLA ARGENTINA	LQDY	6	AN	MER	S	P	S	C	SS	MS	1	15.0
GAUCHO CRUZ	LQGL	5	AN	MER	S	P	S	C		TMS	1	14.0
GAUCHO LAGUNA	LQGM	5	AN	MER	S	P	S	C	SS	TMS	1	14.0
GENERAL MARTIN GUEMES	LRMG	6	AN	MER	S	P	S	C	SS	TMS	1	15.0
GENERAL PUEYPREDON	LRBH	6	MER	MER	W	P	W	C	SS	TMS	1	14.0

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ARGENTINA

HORNERO	LQBC	4	AN	MER	W	P	W	C	SS	MS	1	13.0
INGENIERO RECA	LRCM	6	AN	MER	S	P	S	C	SS	TMS	1	12.0
ISLAS MALVINAS	LRBU	6	AN	MER	S	P	S	C	SS	TMS	1	13.0
LAGO ALUMINE	LQBP	1	AN	MER	S	P	S	C	SS	TMS	1	16.0
LAVOISIER	LQUL	6	AN	MER	S	P	S	C	SS	TMS	1	11.0
MARBRAVA	LQMB	2	AN	MER	S	P	S	C	SS	MS	1	12.0
MARDULCE	LQUM	2	AN	MER	W	P	W	C	SS	TMS	1	17.0
MARINERO	LQCG	3	AN	MER	W	P	W	C	SS	MS	1	15.0
NAVIERO	LQCY	3	AN	MER	W	P	W	C	SS	MS	1	12.0
PAMPA ARGENTINA	LQLP	8	MER	MER	W	P	W	C	SS	MS	1	19.0
PETREL	LQUO	1	AN	MER	W	P	W	C	SS	TMS	1	14.0
PETROMAR BAHIA BLANCA	LQVP	6	AN	MER	S	P	S	C	SS	TMS	1	16.0
PETROMAR CAMPANA	LQUC	6	AN	MER	W	P	W	C	SS	TMS	1	13.0
PETROMAR MENDOZA	LQPM	6	AN	MER	S	P	S	C	SS	TMS	1	15.0
PUNTA DELGADA	LOAK	6	AN	MER	W	P	W	C	SS	TMS	1	8.0
RIO ATUEL	LRPS	4	AN	MER	W	P	W	C	SS	MS	1	13.0
RIO BELEN	LRPV	3	AN	MER	S	P	S	C	SS	MS	1	13.0
RIO BERMEJO	LRPY	3	AN	MER	W	P	W	C	SS	MS	1	15.0
RIO CORRIENTES	LRPE	2	AN	MER	W	P	W	C	SS	TMS	1	16.0
RIO LUJAN	LRSC	2	AN	MER	S	P	S	C	SS	TMS	1	12.0
RIO PRIMERO	LRST	2	AN	MER	S	P	S	C	SS	TMS	1	13.0
RIO QUINTO	LRSW	1	AN	MER	S	P	S	C	SS	MS	1	13.0
RIO SALADO	LQGS	4	AN	MER	S	P	S	C	SS	TMS	1	16.0
RIO SEGUNDO	LRTI	7	AN	MER	W	P	W	C	SS	MS	1	12.0
SAN JORGE	LRCJ	6	MER	MER	W	P	W	C	SS	TMS	1	12.0
SAN LORENZO	LRBK	6	MER	MER	W	P	W	C	SS	TMS	1	14.0
SAN SEBASTIAN	LRDD	6	MER	MER	W	P	W	C	SS	MS	1	12.0
SANTA CRUZ	LRDZ	6	AN	MER	S	P	S	C	SS	TMS	1	13.0
SANTA FE	LQFE	2	AN	MER	W	P	W	C	SS	MS	1	13.0
SANTOS VEGA	LQVG	5	AN	MER	S	P	S	C	SS	TMS	1	14.0

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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
- 14 VARIOUS
- 6 HONG KONG AND/OR JAPAN - GULF OF THAILAND

## AUSTRALIA

## Selected Ships

Ship Name	VLKT	8	DA	MER	S	P	S	C	OS	HA	MS	1	14.0
ABEL TASMAN	VLKT	8	DA	MER	S	P	S	C	OS		MS	1	14.0
AL MAHROSA (KUWAIT)	9KCA	10	DA	MER	S	P	S	C	OS		MS	1	10.0
ANDROS (SWEDEN)	SIJM	4	DA	MER	S	P	S	C	OS		TMS	1	14.0
ARAFURA (U.K.)	GZSE	4	DA	MER	S	P	S	C	OS	HA	TMS	1	22.0
ARIAKE (U.K.)	JZSH	4	DA	MER	S	P	S	C	OS		TMS	1	25.0
AUSTRALASIA (SINGAPORE)	GHRB	5	DA	MER	S	P	S	C	OS		TMS	1	16.0
AUSTRALIAN ENDEAVOUR	VJAE	11	DA	MER	S	P	S	C	OS		TMS	1	20.0
BAROONA	GMHQ	1	DA	MER	S	P	S	C	OS		TMS	1	17.0
BOGONG	VJBA	1	DA	MER	S	P	S	C	OS		TMS	1	21.0
BP ENDEAVOUR	VJCT	1	MER	MER	S	P	S	C	OS		TMS	1	15.0
BP ENTERPRISE	VJNV	1	DA	MER	S	P	S	C	OS		TMS	1	15.0
CAPE CON	VLFO	1	DA	MER	S	P	S	C	OS	HA	TMS	1	9.0
CAPE PILLAR	VLFS	1	DA	MER	S	P	S				TMS	1	14.0
CARPENTARIA (U.K.)	GQLB	10	DA	MER	S	P	S	C	OS		MS	1	16.0
CATHAY (U.K.)	GHNW	4	DA	MER	S	P	S	C	OS		TMS	2	20.0
CENTAUR (U.K.)	GLRU	5	MER	MER	S	P	S	C	OS		TMS	1	16.0
CHAKDINA (U.K.)	GFSF	10	MER	MER	S	P	S	C	OS		TMS	1	16.0
CHAKRATA (U.K.)	GFSF	10	MER	MER	S	P	S	C	OS		MS	1	16.0
CHITRAL (U.K.)	GHNW	4	DA	MER	S	P	S	C	OS	MAX MIN	TMS	2	18.0
CLIEVEDEN	VM3527	1	MER	MER	S	P	S	C	OS		TM	1	6.0
CLUTHA OCEANIC	VLCO	1	DA	MER	S	P	S	C	OS		TMS	1	18.0
CORAL CHIEF (U.K.)	GXKF	7	DA	MER	S	P	S	C	OS	HA	TMS	1	14.0
DELAMERE	VNWL	1	DA	MER	S	P	S				MS	1	11.0
DONGARA	VMOS	1	DA	MER	S	P	S	C	OS		MS	1	11.0
EIGAMCIYA (NAURU)	C2EM	4,6	DA	MER	S	P	S	C	OS		TMS	1	15.0
EMPRESS OF AUSTRALIA	VLJY	1	DA	MER	S	P	S	C	OS	HA	TMS	1	18.0
ENNA G (NAURU)	C2GD	6	DA	MER	S	P	S	C	OS		TMS	1	14.0
GUAVACORE (ISRAEL)	DGUC	14	DA	MER	S	P	S	C	SS		TMS	1	14.0
HALIFAX STAR (U.K.)	GMOM	14	DA	MER	S	P	S	C	OS		MS	1	14.0
HOBART STAR (U.K.)	GJPN	11	DA	MER	S	P	S	C	OS		TMS	1	17.0

## AUSTRALIA

IRON CAVALIER	GHRU	1	DA	MER	S	P	S	C		TMS	1	20.0	
IRON CAMPLER	VJWZ	1	DA	MER	S	P	S	C	OS	TMS	1	18.0	
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	17.0	
IRON KIMBERLEY	VJRO	1	MER	MER	S	P	S	C	OS	TMS	1	17.0	
IRON YAMPI	VJKW	1	DA	MER	S	P	S	C	SS	TMS	1	17.0	
ISLAND CHIEF (U.K.)	GBHQ	7	DA	MER	S	P	S	C	OS	TMS	1	14.0	
KANGAROO	VJVO	1	MER	MER	S	P	S	C	OS	TMS	1	11.0	
KANIMBLA	VJPH	1	DA	MER	S	P	S	C	OS	TMS	1	21.0	
KOORINGA	VLKM	1	DA	MER	S	P	S	C	OS	TMS	1	11.0	
LEMNOS (SWEDEN)	SKQT	4	MER	MER	S	P	S	C	OS	TMS	1	14.0	
MALAYSIA (SINGAPORE)	GVRX	5	DA	MER	S	P	S	C	OS	MS	1	15.0	
MANOCRA	VJPH	1	DA	MER	S	P	S	C		TMS	1	19.0	
MANORA (U.K.)	GZKK	10	DA	MER	S	P	S	C	OS	MS	1	6.0	
MATTHEW FLINDERS	YMMW	4	DA	MER	S	P	S	C	OS	TMS	1	21.0	
MERKARA (U.K.)	GZKN	10	DA	MER	S	P	S	C	OS	MS	1	6.0	
MILOS (SWEDEN)	SDSN	4	DA	MER	S	P	S	C	OS	TMS	1	15.0	
MOANARAOI (U.K.)	ZGNC	9	DA	MER	S	P	S	C	OS	T	1	6.0	
MONTORO	GVKG	7	DA	MER	S	P	S	C	OS	MS	1	12.0	
MORVACA (U.K.)	GZKP	10	DA	MER	S	P	S	C	OS	TMS	1	23.0	
MUNDOCRA	VJMY	1	DA	MER	S	P	S	C	OS	HA	M	1	13.0
NANCHANG (U.K.)	GNUS	4	DA	MER	S	P	S	C	OS	TMS	1	17.0	
NEW GUINEA CHIEF (U.K.)	GGHW	7	DA	MER	S	P	S	C	OS	MS	1	14.0	
NIMOS (SWEDEN)	GYYS	7	DA	MER	S	P	S	C	OS	TMS	1	13.0	
ORE REGENT (U.K.)	GZJU	1	DA	MER	S	P	S	C		TMS	1	18.0	
PAPUAN CHIEF (U.K.)	GUFX	7	DA	MER	S	P	S	C	OS	HA	MS	1	12.0
PORT ALBANY (U.K.)	GNBP	14	DA	MER	S	P	S	C	OS	TMS	1	18.0	
PORT ALFRED (U.K.)	GHHH	11	DA	MER	S	P	S	C	OS	TMS	1	15.0	
PORT HUON (U.K.)	GNHQ	11	DA	MER	S	P	S	C	OS	TMS	1	19.0	
PORT MELBOURNE (U.K.)	GTFF	11	MER	MER	S	P	S	C	OS	MS	1	16.0	
PORT MONTREAL (U.K.)	GRKJ	11	DA	MER	S	P	S	C	OS	MS	1	14.0	
PORT NEW PLYMOUTH (U.K.)	GFXH	11	MER	MER	S	P	S	C	OS	MS	1	16.0	
PORT ST. LAWRENCE (U.K.)	GHQA	8,11	DA	MER	S	P	S	C	OS	TMS	1	15.0	
RHEXENOR (U.K.)	GKPO	12	MER	MER	S	P	S	C	OS	TMS	1	14.0	

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AUSTRALIA

RONA	VJKG	9	DA	MER	S	P	S	C	OS	HA	MS	1	14.0
ROSIE D (NAURU)	C2RO	6	DA	MER	S	P	S	C	OS		TS	1	17.0
SAFIA (U.K.)	VKSA	1	DA	MER	S	P	S	C	OS		TMS	1	14.0
SAMOS (SWEDEN)	SIDX	4	DA	MER	S	P	S	C	OS		TMS	1	16.0
SLETHOLM (U.K.)	VMSH	7,9	DA	MER	S	P	S	C	OS		MS	1	11.0
STENTOR (U.K.)	GMTC	5	MER	MER	S	P	S	C	OS		MS	1	15.0
TAIYUAN (U.K.)	MLLF	9	DA	MER	S	P	S	C	OS		TMS	1	14.0
TANDA (U.K.)	MSNM	10	MER	MER	S	P	S	C	OS		MS	1	14.0
TEESTA (U.K.)	GVFM	10	MER	MER	S	P	S	C	OS		TMS	1	17.0
TENOS (SWEDEN)	SMLN	7	DA	MER	S	P	S	C	OS		TMS	1	15.0
THORSORIENT (NORWAY)	LAGQ	5	DA	MER	S	P	S	C	OS		TMS	1	12.0
TRI ELLIS	VXSG	6,13	DA	MER	S	P	S	C	OS		MS	1	17.0
TRIADIC	GLNM	6	MER	MER	S	P	S	C	OS		MS	1	
TROUBRIDGE	VJXB	1	DA	MER	S	P	S	C	OS		T	1	14.0
TSINGTAO (U.K.)	GHWJ	7	DA	MER	S	P	S	C	OS	HA	MS	1	14.0
WANBIRI	GMHP	1	DA	MER	S	P	S	C	OS		TMS	1	17.0
WONGALA	VKVL	1,8	DA	MER	S	P	S	BU	OS		MS	1	8.0

Supplementary Ships

BASS TRACER	VJWY	1	AN	MER	S	P	S				TMS	1	14.0
LADY CHRISTINE	H06090	1	AN	MER	W	P	W	BU		A			
SAN PEDRO STRAIT	VJFP	1	DA	MER	S	P	S			A	T		9.0 17.0

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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 WORLD WIDE 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
- 15 ANTWERP - SOUTH AFRICA
- 16 VARIOUS
- 6 HONG KONG AND/OR JAPAN - GULF OF THAILAND

## BELGIUM

## 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
ATALANTE	OSAV	16	AN	MER	W	P	W	BU	OS	A	TMS		2.0
BELVAL	ONBE	4	AN	MER	W	P	W	BU	OS	A	TMS	1	20.0
BREUGHEL	ONBB	2	AN	MER	W	P	W	BU	OS	A	TMS	1	16.0
COT FOURCAULT	ORFL	6	AN	MER	W	P	W	BU	OS	A	TM		7.0
CHARLEROI	ONCC	7	AN	MER	W	P	W	BU	OS	A	TMS	1	18.0
CHERTAL	ONCD	4	AN	MER	W	P	W	BU	OS	A	TMS	1	20.0
DART EUROPE	ONDA	3	AN	MER	W	P	W	BU	OS	A	TMS	1	23.0
E.R. ANTWERPIA	ONAB	7	AN	MER	W	P	W	BU	OS	A	TMS	1	22.0
E.R. BRABANTIA	ONBT	7	AN	MER	W	P	W	BU	OS	A	TMS	1	22.0
E.R. SCALIOIA	ONSC	7	AN	MER	W	P	W	BU	OS	A	TMS	1	21.0
EEKLC	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	5	AN	MER	W	P	W	BU	OS	HA	TMS	1	13.0
J.OKITO (D.R. CONGO)	9OJO	12	AN	MER	W	P	W	BU	OS	HA	TMS	1	14.0
JORDAENS	ONJO	2	AN	MER	W	P	W	BU	OS	HA	TMS	1	16.0
LOVERVAL	UNLN	7	AN	MER	W	P	W	BU	OS	HA	TMS	1	16.0
LUKUGA	ONLR	12	AN	MER	W	P	W	BU	OS	HA	TMS	1	14.0
LULUA	ONLY	12	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

## BELGIUM

M. M'POLO (D.R. CONGO)	9CMM	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	
MEMLING	ONRU	5	AN	MER	W	P	W	BU	OS	A	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	
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	ONMK	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	
MOKAMBU	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	
MONARCH	ONMQ	2	AN	MER	W	P	W	BU	OS	HA	TMS	1	20.0	
MONTAIGLE	ONMJ	15	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	15	AN	MER	W	P	W	BU	OS	A	TMS	1	16.0	
MONTFORT	ONMG	15	AN	MER	W	P	W	BU	OS	A	TMS	1	16.0	
MONTHOUET	ONMX	1	AN	MER	W	P	W	BU	OS	HA	TMS	1	17.0	
P.E. LUMUMBA (D.R. CONGO)	9GPL	1	AN	MER	W	P	W	BU	OS	HA	TMS	3	13.0	
PATIGNIES (PANAMA)	5LTC	7	AN	MER	W	P	W	BU	OS	A	TMS	1	19.0	
POMONA	UNPQ	7	AN	MER	W	P	W	BU	OS	A	TMS	1	13.0	
PONTOS	ONPQ	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	HA	TMS	1	20.0	
STOLT BOEL (Tanker)	ONST	7	AN	MER	W	P	W	BU	OS	A	TMS	1	19.0	
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	ONTE	8	AN	MER	W	P	W	BU	OS	A	TMS	1	16.0	

\* TWO THERMISTORS INSTALLED IN CONDENSER-INTAKE  
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BELGIUM

TIELRODE	ONTA	7	AN	MER	W	P	W	BU	OS	HA	TMS	1	16.0
TITUS	ONTI	7	AN	MER	W	P	W	BU	OS	A	TMS	1	19.0
TURANDOT	ONTU	7	AN	MER	W	P	W	BU	OS	A	TMS	1	19.0
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	OS	A	TMS	1	20.0

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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
- 6 HONG KONG AND/OR JAPAN - GULF OF THAILAND

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2

BRAZIL

Selected Ships

-----  
ALMIRANTE SALDANHA PXSA 8 AN MER MER ELE H P VS HC OS MAX MIN RT TSD BAT TMS 10.0 15.0

Auxiliary Ships

-----  
ALEGRETE PUAJ 6 AN MER VS C TMS 1  
BARAC DE MAUA PUAX 6 AN MER VS C TMS 1  
BARAO DE RIO BRANCO PUBD 6 AN MER VS C TMS 1  
BUARQUE PUCZ 3 AN MER VS C TMS 2  
CABO DE SANTA MARTA PUBL 4 AN MER VS C TMS 2  
CABO FRIO PUBF 4 AN MER VS C TMS 1  
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 BRASIL PUDG 8 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  
PARANA PUVA 1 AN MER VS C TMS 1  
PARANAGUA PUAE 8 AN MER VS C TMS 1  
PEREIRA CARNEIRO PUCB 2 AN MER VS C TMS 2

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3

BRAZIL

Selected Ships

PRESIDENTE EPITACIO	PUQI	6	AN	MER	VS	P	C	TMS 2
PRESIDENTE GETULIO	PUWG	1	AN	MER	VS		C	TMS 2
PRESIDENTE WENCESLAU		6	AN	MER	VS	P	C	TMS 2
RIO DCCE	PUBK	6	AN	MER	VS		C	TMS 1
ROSA DE FONSECA	PULP	6	AN	MER	VS	P	C	TMS 3
SIDERURGICA TRES	PUXU	1	AN	MER	VS		C	TMS 1
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

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1

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 WEST COAST PORTS - SOUTH PACIFIC
- 20 WEST COAST PORTS - INDIA
- 6 HONG KONG AND/OR JAPAN - GULF OF THAILAND

## CANADA

## Selected Ships

A.T. CAMERON	CGBD	6	AN	MER	SL	P	SL	C	OS3	A	TMS	1		
ALERT		6	AN	MER	SL	P	SL	BU	OS3	A	TMS	1	29.0	
ARCADIA (U.K.)	GRFP	9	AN	MER	SL	P	SL	C	OS3	HA	TMS	3	29.0	
BAFFIN	CGCL	5,1	AN	MER	SL	P	SL	BU	OS3	A	TMS	2		
BARON FORBES (U.K.)	GXQH	12	AN	MER	SL	P	SL	C	OS3		TMS	1		
BINSNES (U.K.)	GOPZ	12	AN	MER	SL	P	SL	C	OS3		TMS	1	17.0	
BLUENOSE	VDND	6	AN	MER	SL	P	SL	C		A	TMS	1	14.0	24.0
BRIDGEPOOL (U.K.)	CHYQ	10	AN	MER	SL	P	SL	C	OS3	A	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
CHEBUCTO	CGDM	6	AN	MER	SL	P	SL	BU	OS3	A			8.0	
CORNISH CITY (U.K.)	GYWV	12	AN	MER	SL	P	SL	C	OS3		TMS	1	18.0	
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	
G.B. REED	CGBQ	13	AN	MER	SL	P	SL	BU	OS3	A	T		13.0	
GOSFORTH (U.K.)	GHXA	2	AN	MER	SL	P	SL	C	OS3			1	15.0	
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	BU	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 CITAWA (BAHAMAS)	ZCVZ	12	AN	MER	SL	P	SL	C	OS3	A	TMS	1		
IMPERIAL QUEBEC	VOYS	6	AN	MER	SL	P	SL	C	OS3		TMS			
IMPERIAL ST. LAWRENCE (BERMUDA)	ZCDC	1	AN	MER	SL	P	SL	C	OS3		TMS	1	14.0	
IRVING GLEN (BERMUDA)	ZFNW	1	AN	MER	SL	P	SL	BU	OS3		TMS	1		

## CANADA

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.E. BERNIER	CGBT	5	AN	MER	SL	P	SL	BU	OS3	A		2	19.0	33.0
J.V CLYNE	ZCVY	17	AN	MER	SL	P	SL	C	OS3			1	20.0	
JAVARA (NORWAY)	JXQI	11	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	CCDJ	5,6	AN	MER	SL	P	SL	BU	OS3	A	TMS	2	4.0	
KAPUSKASING	CGCK	6	AN	MER	SL	P	SL	BU	OS3	A	TM	1	11.0	18.0
LABRADOR	CGGM	5,6	AN	MER	SL	P	SL	BU	OS3	A	TMS	3		
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	A			8.0	23.0
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	
NEGO ANNE (NORWAY)	JXPQ	10	AN	MER	SL	P	SL	BU	OS3		TMS	1	14.0	
NORMAN MCLEOD ROGERS		6	AN	MER	SL	P	SL	BU	OS3	A		1	14.0	26.0
NORTH BREEZE (HONG KONG)	VRAW	15	AN	MER	SL	P	SL	BU	OS3	A		1	17.0	
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	
PACIFIC LOGGER (BERMUDA)	ZCDB	11	AN	MER	SL	P	SL	C	OS3			1	22.0	
PORTE DAUPHINE	CGYL	7	AN	MER	SL	P	SL	BU	OS3	A	TM		6.0	10.0
PRINCESS OF ACADIA	VGFF	6	AN	MER	SL	P	SL	BU	OS3	A		1	19.0	
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	
SALAMBRIA (U.K.)	GMOS	12	AN	MER	SL	P	SL	BU	OS3			1	14.0	
SILVERCAPE (U.K.)	GWBA	17	AN	MER	SL	P	SL	BU	OS3			1	17.0	
SILVERCOVE (U.K.)	GUFY	10	AN	MER	SL	P	SL	BU	OS3	HA	TMS	1	17.0	
SIR HUMPHREY GILBERT	CGGN	5,6	AN	MER	SL	P	SL	BU	OS3	A	TMS	2		
TEXACA (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	8	AN	MER	SL	P	SL	BU	OS3	HA	TMS	1	15.0	
THORSHOPE (NORWAY)	JWXO	8	AN	MER	SL	P	SL	C	OS3	HA	TMS	1	11.0	
THORSISLE (NORWAY)	LAOG	19	AN	MER	SL	P	SL	C	OS3			1	20.0	

## CANADA

THORSRIVER (NORWAY)	JXBT	3	AN	MER	SL	P	SL	C	OS3	HA	TMS	1	16.0
THORSWAVE (NORWAY)	LMVA	3	AN	MER	SL	P	SL	BU	OS3		TMS	1	15.0
W.C. VAN HORNE (U.K.)	VRJH	10	AN	MER	SL	P	SL	BU	OS3	A	TMS	1	20.0
WHEAT KING	VDJS	2,7	AN	MER	SL	P	SL	BU	OS3	A	T	1	
WORCESTERSHIRE (U.K.)	GQSA	11	AN	MER	SL	P	SL	C	OS3			1	18.0

## Supplementary Ships

ANNA BAKKE (NORWAY)	LHMK	10	AN	MER	SL						TMS	1	12.0
EMERILLON (BERMUDA)	ZFDV	1	AN	MER	SL						TMS	1	
KANANGOORA (SWEDEN)	SIHY	10	AN	MER	SL						TMS	1	15.0
MAXWELL	CG2200	6	AN	MER	SL			BU		A	TM		6.0 12.0

## Auxiliary Ships

AGAWA CANYON	VORC	7	AN	MER	SL			BU		A			22.0 32.0
ALASKA (LIBERIA)	5MAG	10	AN	MER	SL					A	TMS	1	17.0
ALEXANDER HENRY	CGBF	7	AN	MER	SL			BU	OS3	A	TMS		12.0 12.0
ALGOCEN	VGKM	7	AN	MER	SL			BU		A			14.0 18.0
ALGORAIL	VYNG	7	AN	MER	SL			BU		A			14.0 14.0
AMBROSE SHEA	VGDD	6	AN	MER	SL			BU		A		1	19.0
ANGUS SHERWOOD		8	AN	MER	SL								
ARTIC TRADER	VXMM	7,8	AN	MER	SL			BU		A			9.0 14.0
ASTRIC BAKKE (NORWAY)	LJDZ	10	AN	MER	SL							1	18.0
BAIE ST. PAUL	CYJW	7	AN	MER	SL			BU		A	TMS		14.0
BANARIO (LIBERIA)	6ZTE	10	AN	MER	SL					A	TMS	1	
BELBLUE (NORWAY)	JXDH	10	AN	MER	SL							1	
BELCARGO (NORWAY)	LHVV	10	AN	MER	SL							1	15.0
BLACK BAY	CYCP	7	AN	MER	SL			BU		A	TMS		12.0
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		A	TMS		8.0
CAROL LAKE	VYSZ	7	AN	MER	SL			BU		A	TMS		12.0
CHEMICAL TRANSPORT		7	AN	MER	SL			BU		A			12.0 20.0

## CANADA

COBEQUID BAY	CG2321	6	AN	MER	SL						2.0
CYGNUS	CGDC	6	AN	MER	SL		A	TMS			
DARING		6	AN	MER	SL						
E.E. PRINCE	CDGK	6	AN	MER	SL		A				
ELLEN BAKKE (NORWAY)	LCAA	10	AN	MER	SL			TMS	1	18.0	
EMMA BAKKE (NORWAY)	JXTK	10	AN	MER	SL				1	14.0	
ENDEAVOUR	CYWK	13	AN	MER	SL		A		1	11.0	
ENGLISH RIVER	CYLX	7	AN	MER	SL	BU	A	TMS		11.0	14.0
FORSVIK (SWEDEN)	SCHA	10	AN	MER	SL				1	24.0	
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			11.0	
FRENCH RIVER	VYYY	7	AN	MER	SL	BU	A	TMS		11.0	12.0
FRONTENAC	VGNB	7	AN	MER	SL	BU	A	TMS		14.0	20.0
GORDON C. LEITCH	CYCT	7	AN	MER	SL	BU	A	TMS		14.0	
GRIFFON	CGDS	7	AN	MER	SL	BU	A	TMS			
GUDRUN BAKKE (NORWAY)	JXBC	10	AN	MER	SL			TMS	1	15.0	
GYP SUM COUNTESS (U.K.)	GHZK	18	AN	MER	SL	C	A	TMS	1	12.0	
GYP SUM EMPRESS (U.K.)	GHZF	18	AN	MER	SL	C		TMS	1	14.0	
GYP SUM PRINCE (U.K.)	GJYX	18	AN	MER	SL	C		TMS	1	12.0	
GYP SUM QUEEN (U.K.)	GPYY	18	AN	MER	SL	C		TMS	1	14.0	
HARENGUS	CGGZ	6	AN	MER	SL	BU	A				
HILDA MARJANNE	VGGR	7	AN	MER	SL	BU	A	TMS		14.0	17.0
HONG KONG HONOUR (LIBERIA)	6ZDR	10	AN	MER	SL		A	TMS	1	15.0	
INDUSTRIAL TRANSPORT		7	AN	MER	SL	BU	A			12.0	27.0
JAMES NORRIS	VDLC	7	AN	MER	SL	BU	A	TMS		14.0	17.0
KELLY HALL	VC6749	8	AN	MER	SL		HA			8.0	
KRISTIN BAKKE (NORWAY)	LATI	10	AN	MER	SL		HA	TMS	1	14.0	
LAC ERIE	VC3402	7	AN	MER	SL		HA			5.0	
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	
LLOYD BAKKE (NORWAY)	JXDP	10	AN	MER	SL			TMS	1	14.0	

## CANADA

MANITOULIN	VGQS	7	AN	MER	SL	BU	A	TMS	14.0	24.0
MARIAL L. (GREECE)	SVOV		AN	MER	SL			1		
MARITIME PIONEER (PANAMA)	HOQI	1	AN	MER	SL			1	17.0	
MARTHA BAKKE (NORWAY)	JXKK	10	AN	MER	SL			TMS 1	14.0	
MAXIM (LIBERIA)	6ZKZ	10	AN	MER	SL			TMS 1	17.0	
MENIHEK LAKE	VYTH	7	AN	MER	SL	BU	A	TMS	14.0	
MONITOR III		7	AN	MER	SL	BU			5.0	
MURRAY BAY	VCFW	7	AN	MER	SL	BU	A	TMS	14.0	
NEGO VICTORIA	JXXZ	10	AN	MER	SL			1	17.0	
NEWFOUNDLAND COAST (U.K.)	GWQX	6	AN	MER	SL					
NONIA	VGVV	6	AN	MER	SL		HA		8.0	
NORTHERN VENTURE	VGGP	7	AN	MER	SL	BU	A	TMS	14.0	18.0
ONTARIO POWER	VGXW	18	AN	MER	SL	BU	A	TMS	14.0	18.0
OTTERCLIFFE HALL	VCPT	7	AN	MER	SL	BU	A	TMS	14.0	18.0
PARIZEAU	CGBS	8	AN	MER	SL		A	1	9.0	21.0
PINNEBOG (U.S.A.)	NPDL	8	AN	MER	SL		HA		12.0	
PROCYON (GREECE)	SWBT	12	AN	MER	SL			1	15.0	
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	
RAGNA BAKKE (NORWAY)	JXPL	10	AN	MER	SL			TMS 1	14.0	
RALLY	CGCF	6	AN	MER	SL		HA			
RED WING	VYFL	7	AN	MER	SL	BU	A	TMS	14.0	18.0
RICHELIEU	VGJC	7	AN	MER	SL	BU	A	TMS	14.0	21.0
RIMOUSKI	VGPK	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	
SEAWAY QUEEN	VDDL	7	AN	MER	SL	BU	A	TMS	12.0	18.0
SEDCO H	VBGZ	6	AN	MER	SL	BU	A			
SEDNETH NO. 1	PHKG	6	AN	MER	SL					
SIMANCOU (GUINEA)	3XGA	10	AN	MER	SL	BU		TMS 1	18.0	
SIMCOE	VDDP	7	AN	MER	SL	BU	A	TMS	15.0	18.0
SIMCOE	CGSQ	7	AN	MER	SL	BU	A	TMS	7.0	
SIR DENYS LOWSON	VCQJ	7	AN	MER	SL	BU	A	TMS	12.0	23.0

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CANADA

SIR JAMES DUNN	VDMV	7	AN	MER	SL	BU		A	TMS	12.0	
SPINDRIFT	CG2260	7	AN	MER	SL	BU		A		2.0	10.0
SPRAY	CG2948	7	AN	MER	SL	BU		A		3.0	10.0
SPUME	CG2240	7	AN	MER	SL	BU		A		6.0	13.0
STADACONA	CYDT	7	AN	MER	SL	BU		A	TMS	14.0	
STAR COLUMBIA (NORWAY)	JWKA	15	AN	MER	SL				1	24.0	
STOVE CALEDONIA (NORWAY)	LIMC	15	AN	MER	SL				1	22.0	
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	
TROPICAL VENEER (LIBERIA)	6ZWD		AN	MER	SL				1		
VECTOR	CGBW	13	AN	MER	SL	BU	OS3	A		8.0	
VENNACHAR (U.K.)	GQCH	10	AN	MER	SL				1		
WILLIAM CARSON	VOLW	6	AN	MER	SL			A	1		
YANKCANUCK	CYJT	7	AN	MER	SL	BU		A	TMS	11.0	
ATLANTIC HAWK (LIBERIA)	5LJE	11	AN	MER	US				1	18.0	
ATLANTIC HOPE (LIBERIA)	6ZHF	12	AN	MER	US				1		
ATLANTIC SKOU (DENMARK)	QUTC	2	AN	MER	US				1	35.0	
BRIS (NORWAY)	LMTW	10	AN	MER	US				1		
BULK PIONEER (NORWAY)	LMPZ	10	AN	MER	US				1	22.0	
BULK TRADER (NORWAY)	JXCO	10	AN	MER	US				1		
CAPO MISENO (ITALY)	ICUF	2	AN	MER	US				1		
CAPO NOLI (ITALY)	IBIQ	2	AN	MER	US				1		
CAPO SAN MARCO (ITALY)	ICIF	2	AN	MER	US				1		
CHRISTIAN RUSS (GERMANY)	DGER	11	AN	MER	US				1	18.0	
DIMITRIOS (GREECE)	SVAF	11	AN	MER	US				1	20.0	
EASTERN MARINER (LIBERIA)	6ZOM	12	AN	MER	US				1	24.0	
FJELLANGER (NORWAY)	LCXX	9	AN	MER	US				1		
FRESNO CITY (U.K.)	GUND	12	AN	MER	US				1	23.0	
GAUSDAL (NORWAY)	LCQF	2	AN	MER	US				1		
GINA (GREECE)	SWXY	12	AN	MER	US				1		

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CANADA

HAFNIA (NORWAY)	JXVJ	12	AN	MER	US	1	20.0
IRENE S. LEMOS (GREECE)	SYPI	10	AN	MER	US	1	18.0
ISABEL ERICA (BERMUDA)	ZCDI	12	AN	MER	US	1	24.0
ISLAND ENGINEER (LIBERIA)	5LVA	10	AN	MER	US	1	
JAG ASHA (INDIA)	ATBQ	11	AN	MER	US	1	
JAG DARSHAN (INDIA)	ATEI	11	AN	MER	US	1	24.0
KRIVAN (CZECHOSLOVAKIA)	OLGE	2	AN	MER	US	1	
LONDON ADVOCATE (U.K.)	GLVH	10	AN	MER	US	1	
LUTETIAN (U.K.)	GXFU	11	AN	MER	US	1	
LYSLAND (NORWAY)	LIVT	11	AN	MER	US	1	19.0
MAKEFJELL (NORWAY)	TXOW	2	AN	MER	US	1	20.0
MARE TRANQUILLO (ITALY)	IOMC	12	AN	MER	US	1	24.0
MARITIME RELIANCE (PANAMA)	3EBG	11	AN	MER	US	1	
MARYLISA (GREECE)	SYPY	11	AN	MER	US	1	24.0
MINERVA (BRAZIL)	PPOZ	12	AN	MER	US	1	
NECHES (U.S.A.)		6	AN	MER	US		
NECO HARMONY (LIBERIA)	5MIH	12	AN	MER	US	1	19.0
NOTOS (NORWAY)	LACK	2	AN	MER	US	1	16.0
OGDEN EXPORTER (LIBERIA)	6ZSN	11	AN	MER	US	1	21.0
PACIFIC DEFENDER (LIBERIA)	ELLZ	11	AN	MER	US	1	23.0
PAUL LORENZ RUSS (GERMANY)	DINH	2	AN	MER	US	1	
PINA (MALTA)	9HBX	10	AN	MER	US	1	
RACHEL (LIBERIA)	ELRX	12	AN	MER	US	1	22.0
SCOTSTOUN (U.K.)	MHHB	10	AN	MER	US	1	20.0
SHEAF MOUNT (U.K.)	GPLH	11	AN	MER	US	1	24.0
STAR TARO (NORWAY)	LAEA	10	AN	MER	US	1	
STOVE SCOTIA (NORWAY)	JWON	10	AN	MER	US	1	22.0
TIGRIS (SWEDEN)	SIGF	12	AN	MER	US	1	
TYPHOON (U.S.A.)	KDCG	6	AN	MER	US	1	12.0
URANUS (GERMANY)	DJDC	4	AN	MER	US	1	
WHITE LILY (HONG KONG)	VPJP	10	AN	MER	US	1	18.0

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1

CHILE

- 1 VALPARAISO - NEW YORK, THE WEST COASTS OF NORTH ATLANTIC AND THE COASTS OF EUROPE
- 2 VALPARAISO AND THE CHILEAN COAST
- 3 VALPARAISO TO THE COASTS OF BRAZIL, ARGENTINA AND PERU. ALSO NO FIXED ROUTES
- 4 VALPARAISO, THE COAST OF CHILE AND NO FIXED ROUTES
- 5 CHILEAN AND PACIFIC COASTS AS FAR AS MEXICO
- 6 HONG KONG AND/OR JAPAN - GULF OF THAILAND

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2

CHILE

Selected Ships

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ACONCAGUA	CBBA	1	AN	MER	VS	P	VS	C	TMS	1
ALLIPEN	CBAL	3	AN	MER	VS	P	VS	C	TMS	1
ANTARTICO	CBAN	3	AN	MER	VS	P	VS	C	TMS	1
CABO DE HORNOS	CBCH	2	AN	MER	VS	P	VS	C	TMS	1
CABO TAMAR	CBTM	2	AN	MER	VS	P	VS	C	TMS	1
COPERNICO	CBCO	3	AN	MER	VS	P	VS	C	TMS	1
COPIAPO	CBCI	1	AN	MER	VS	P	VS	C	TMS	1
LEBU	CBLU	1	AN	MER	VS	P	VS	C	TMS	1
LIMARI	CBLI	1	AN	MER	VS	P	VS	C	TMS	1
MAGALLANES	CBMG	2	AN	MER	VS	P	VS	C	TMS	1
MAIPO	CBMP	1	AN	MER	VS	P	VS	C	TMS	1
NAVARINO	CBNV	2	AN	MER	VS	P	VS	C	TMS	1

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1

DENMARK

- 1 COPENHAGEN - FAROES
- 2 COPENHAGEN - GREENLAND
- 3 COPENHAGEN - FAROES, ICELAND
- 4 NORTH SEA
- 5 NORTH SEA - SOUTH AMERICA
- 6 NORTH SEA - NORTH ATLANTIC OCEAN
- 7 NORTH SEA - GREENLAND AND ANTARTIC
- 8 GREENLAND WATERS
- 9 NORTH SEA - FAR EAST
- 10 NORTH SEA - AUSTRALIA, NEW ZEALAND
- 11 MEDITERRANIAN - GULF OF MEXICO
- 12 AROUND THE WORLD
- 6 HONG KONG AND/OR JAPAN - GULF OF THAILAND

## DENMARK

## Selected Ships

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ALAMEDA	OZTV	10	AN	MER	SL	P	SL	BU	SS	TMS 1	20.0
ANDORRA	OZJY	12	AN	MER	SL	P	SL	BU	SS	TMS 1	20.0
ANNA JOHANNE	OUP0	2	AN	MER	SL	P	SL	BU	SS	TMS 1	11.0
ARANYA	OXMD	9	AN	MER	SL	P	SL	BU	SS	TMS 1	20.0
ARGO	OVZW	2	AN	MER	SL	P	SL	BU	SS	TMS 1	9.0
ATREVIDA	OVRZ	10	AN	MER	SL	P	SL	BU	SS	TMS 1	20.0
AZUMA	OZPP	12	AN	MER	SL	P	SL	BU	SS	TMS 1	20.0
BELLONA	OYIH	4	AN	MER	SL	P	SL	BU	SS	TMS 1	10.0
BOMA	OWUE	12	AN	MER	SL	P	SL	BU	SS	TMS 1	16.0
DANA	OYTJ	2	AN	MER	SL	P	SL	BU	SS	TMS 1	4.0
DANMARK	OXDK	6	AN	MER	SL	P	SL	BU	SS	TMS 1	6.0
DISKO	OVQW	8	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
ERIKA DAN	OXDY	2	AN	MER	SL	P	SL	BU	SS	TMS 1	12.0
FRIDA 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
HELGA DAN	OWLB	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	OUNU	8	AN	MER	SL	P	SL	BU	SS	TMS 1	11.0
LABRADOR	OVJO	5	AN	MER	SL	P	SL	BU	SS	TMS 1	20.0
MAGDALA	OXSJ	10	AN	MER	SL	P	SL	BU	SS	TMS 1	17.0
MAYUMBE	OUKA	2	AN	MER	SL	P	SL	BU	SS	TMS 1	13.0
MISSOURI	OXXJ	11	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
NELLA DAN	UZKC	7	AN	MER	SL	P	SL	BU	SS	TMS 1	12.0
NORTHERN	OWUK	6	AN	MER	SL	P	SL	BU	SS	TMS 1	10.0
PASADENA	OYPW	12	AN	MER	SL	P	SL	BU	SS	TMS 1	20.0
RITVA DAN	OZBM	2	AN	MER	SL	P	SL	BU	SS	TMS 1	11.0
SOMERSET	OZSK	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
SURREY	OVTY	4	AN	MER	SL	P	SL	BU	SS	TMS 1	16.0

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3

DENMARK

THALA DAN                    CWRX    7            AN      MER      SL    P    SL    BU            SS                            TMS 1    12.0

Supplementary Ships

-----  
BLIKUR                    XPXB    1            AN      MER      SL                    BU                            T    1    7.0  
BRITANNIA                OYIL    2            AN      MER      SL                    BU                            T    1    8.0  
GERDA RARBERG            OZRG    6            AN      MER      SL                    BU                            T    1    6.0  
IRLAND                    OYPA    9            AN      MER      SL                    BU                            T    1    6.0  
LOMUR                     XPPX    1            AN      MER      SL                    BU                            T    1    7.0  
LOTTE NIELSON            OVUN    2            AN      MER      SL                    BU                            T    1    8.0  
MOGENS S                 OYPX    2            AN      MER      SL                    BU                            T    1    8.0  
NORDVIKINGUR            XPPT    1            AN      MER      SL                    BU                            T    1    6.0  
SUFFOLK                  OZRB    4            AN      MER      SL                    BU                            T    1    12.0  
SUSSEX                    OYKH    4            AN      MER      SL                    BU                            T    1    12.0  
SVENDBORG                OWPE    2            AN      MER      SL                    BU                            T    1    10.0

Auxiliary Ships

-----  
ASTRID RARBERG            OUVG    9            AN      MER      US                    BU                            T    1    6.0  
NARSSAK                  OYUA    2            AN      MER      US                    BU                            T    1    3.0

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FINLAND

- 1 BALTIC SEA
- 2 EUROPE - U.S.A.
- 3 EUROPE - SOUTH AMERICA
- 6 HONG KONG AND/OR JAPAN - GULF OF THAILAND

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2

FINLAND

Selected Ships

MS ACTINIA	OFYK	3	AN	MER	W	P	W	BU	TMS 1	16.0
MS FINLANDIA	OCTA	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
- 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 - C.O.A.
- 26 MEDITERRANEE - U.S.A.
- 6 HONG KONG AND/OR JAPAN - GULF OF THAILAND

## FRANCE

## Selected Ships

ALAIN LD	FNYG	11	AN	MER	W	P	W	C	SS	HA	TMS	1	20.0	21.0
AMBOISE	FNHE	18	AN	MER	W	P	W	C	OS	HA	TMS	1	17.0	18.0
ANDROMEDE	TKGS	22	AN	MER	W	P	W	C	OS	HA	T		9.0	10.0
ANGE SCHIAFFINO	FNWM	3	AN	MER	W	P	W	C	OS	HA	TMS	1		
ANJOU	FNVM	16	AN	MER	W	P	W	C	SS	HA	TMS	1	18.0	19.0
AQUILON	FNYL	16	AN	MER	W	P	W	C	SS	HA	TMS	1		
ARMAGNAC	FNFM	6	AN	MER	W	P	W	C	SS	HA	TMS	1	20.0	21.0
ARZON	FOFZ	13	AN	MER	W	P	W	C	OS	HA	TMS	1	15.0	16.0
ATLANTIC CHAMPAGNE	FNZF	10	AN	MER	W	P	W	C	SS	HA	TMS	1	28.0	29.0
ATLANTIC COGNAC	FNZE	10	AN	MER	W	P	W	C	SS	HA	TMS	1	28.0	29.0
AUNIS	FNEA	10	AN	MER	W	P	W	C	SS	HA	TMS	1	16.0	17.0
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	OS	HA	TMS	2	12.0	13.0
AZAY LE RIDEAU	FNMV	6	AN	MER	W	P	W	C	OS	HA	TMS	1	17.0	18.0
BAMENDA	FNCN	11	AN	MER	W	P	W	C	SS	HA	TMS	1	14.0	15.0
BEARN	FNFN	6	AN	MER	W	P	W	C	SS	HA	TMS	1	17.0	18.0
BELOUGA	FNYM	23	AN	MER	W	P	W	C	SS	HA	TMS	1		
BERENICE	FNVW	23	AN	MER	W	P	W	C	OS	HA	TMS	1	14.0	15.0
BIAFRA	FNOE	23	AN	MER	W	P	W	C	SS	HA	TMS	1	12.0	13.0
BLIDA	THJL	4	AN	MER	W	P	W	C	OS	HA	T		12.0	13.0
BLOIS	FNBV	18	AN	MER	W	P	W	C	SS	HA	TMS	1	26.0	27.0
CAPRICORNE	FNBG	22	AN	MER	W	P	W	C	SS	HA	TMS	1		
CATHERINE SCHIAFFINO	FNUC	4	AN	MER	W	P	W	C	SS	HA	TMS	1		
CETRA COLUMBA	FNTB	23	AN	MER	S	P	W	C	OS	AHA	TMS	1	24.0	36.0
CETRA LYRA	FNTE	23	AN	MER	W	P	W	C	OS	HA	TMS	1		
CHAMPS ELYSEES	FNFH	18	AN	MER	W	P	W	C	SS	HA	TMS	1		
CHEVERNY	FOTL	6	AN	MER	W	P	W	C	OS	HA	TMS	1	16.0	17.0
CHICAGO	FNCT	11	AN	MER	W	P	W	C	OS	HA	TMS	1	15.0	16.0
CLEVELAND	FNCU	15	AN	MER	W	P	W	C	OS	HA	TMS	1	15.0	16.0
COMPIEGNE	FNAX	1	AN	MER	W	P	W	C	SS	HA	TMS	2	14.0	15.0
COMTE DE NICE	FNRU	4,5	AN	MER	W	P	W	C	OS	HA	TM	2	15.0	16.0

## FRANCE

CORSE	FNRT	4,5	AN	MER	W	P	W	C	OS	HA	TM	2	15.0	16.0
DALILA	FOKN	23	AN	MER	W	P	W	C	OS	HA	TMS	1	18.0	19.0
DALUA	FPYX	7	AN	MER	W	P	W	C	SS	HA	TMS	1	15.0	16.0
DAUPHINE	FNTC	18	AN	MER	W	P	W	C	SS	HA	TMS	1		
DE BAIF	FOHF	6	AN	MER	W	P	W	C	SS	HA	TMS	1	17.0	18.0
DE GRASSE	FNGS	11	AN	MER	W	P	W	C	SS	HA	TMS	4	22.0	23.0
DESCARTES	FNCI	26	AN	MER	W	P	W	C	SS	HA	TMS	1	24.0	25.0
DESIRADE	FPYM	11	AN	MER	W	P	W	C	OS	HA	TMS	1	15.0	16.0
DJUNGO	FOUQ	7	AN	MER	W	P	W	C	SS	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	FOSB	18	AN	MER	W	P	W	C	SS	HA	TMS	1	16.0	17.0
ESSO ALSACE	FNGW	18	AN	MER	W	P	W	C	SS	HA	TMS	1	16.0	17.0
ESTEREL	FTQS	5	AN	MER	W	P	W	BU	OS	HA	T		14.0	15.0
EUPHRATE	FOKO	20	AN	MER	W	P	W	C	SS	HA	TMS	1	14.0	15.0
FABIOLA	FNEF	6	AN	MER	W	P	W	C	SS	HA	TMS	1	17.0	18.0
FAUSTA	FNIO	6	AN	MER	W	P	W	C	SS	HA	TMS	1	17.0	18.0
FINA ANGOLA	FNEB	6	AN	MER	W	P	W	C	SS	HA	TMS	1	14.0	15.0
FINA BELGIQUE	FNSC	6	AN	MER	W	P	W	C	SS	HA	TMS	1		
FINA FRANCE	FOYQ	6	AN	MER	W	P	W	C	SS	HA	TMS	1	14.0	15.0
FINA SCANDINAVIE	FNOD	18	AN	MER	W	P	W	C	SS	HA	TMS	1		
FORT CREVECOEUR	FNHY	11	AN	MER	W	P	W	C	SS	HA	TMS	1	14.0	15.0
FORT D'ORLEANS	FNHW	11	AN	MER	W	P	W	C	SS	HA	TMS	1	12.0	13.0
FORT DE FRANCE	FNHV	11	AN	MER	W	P	W	C	SS	HA	TMS	1	12.0	13.0
FORT FLEUR D'EPEE	FNHU	11	AN	MER	W	P	W	C	SS	HA	TMS	1	14.0	15.0
FORT FRONTENAC	FOXF	11	AN	MER	W	P	W	C	SS	HA	TMS	1	12.0	13.0
FORT JOSEPHINE	FNMG	11	AN	MER	W	P	W	C	OS	HA	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	HA	TMS	1	12.0	13.0
FORT PONCHARTRAIN	FNXU	11	AN	MER	W	P	W	C	OS	HA	MS	1	17.0	18.0
FORT STE MARIE	FNZY	11	AN	MER	W	P	W	C	SS	HA	TMS	1	20.0	21.0
FORT TRINITE	FNMH	11	AN	MER	W	P	W	C	OS	HA	TMS	1	14.0	15.0
FRANCE	FNRR	10	AN	MER	W	P	W	C	SS	AHA	TMS	7	25.0	52.0
FRED SCAMARONI	FNOC	5	AN	MER	W	P	W	C	OS	HA	TM	1	15.0	16.0
FRUCTIDOR	FNVA	18	AN	MER	W	P	W	C	SS	HA	TMS	1	23.0	24.0

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## FRANCE

GALLIENI	FCHW	21	AN	MER	W	P	W	C	OS	AHA	TMS	1	12.0	13.0				
GANCE	FCHN	17	AN	MER	W	P	W	C	OS	HA	TMS	1	14.0	15.0				
GERMINAL	FNMP	18	AN	MER	W	P	W	C	OS	HA	TMS	1						
GILDA	FNZZ	18	AN	MER	W	P	W	C	SS	HA	TMS	1	20.0	21.0				
GODAVERY	FCMG	20	AN	MER	W	P	W	C	SS	HA	TMS	1	12.0	13.0				
GUADELOUPE	FPYL	11	AN	MER	W	P	W	C	OS	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	OS	HA	TMS	1	17.0	18.0				
HAMMAMET (TUNISIE)	3VAG	4	AN	MER	W	P	W	C	OS	HA	T		9.0	10.0				
HELENE DELMAS	FNWP	7	AN	MER	W	P	W	C	OS	HA	T	1	19.0	20.0				
HERMICNE	FNBY	18	AN	MER	W	P	W	C	SS	HA	T	1	23.0	24.0				
ILE DE LA REUNION	FNLV	17	AN	MER	W	P	W	C	OS	HA	T	1	16.0	17.0				
INDUS	FNJN	17	AN	MER	W	P	W	C	OS	HA	MS	1	14.0	15.0				
IRMA DELMAS	FNXM	7	AN	MER	W	P	W	C	OS	HA	TMS	1	15.0	16.0				
ISANDA	FOJS	18	AN	MER	W	P	W	C	OS	HA	TMS	1	14.0	15.0				
ISIDORA	FOJY	18	AN	MER	W	P	W	C	OS	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	OS	HA	TMS	1	13.0	14.0				
JACQUES CARTIER	FNSZ	23	AN	MER	W	P	W	C	OS	HA	TMS	1	25.0	26.0				
JEAN CHARCOT	FNOY	22	AN	MER	W	P	W	C	OS	AHA	MAX	MIN	RG	ST	TMS	1	14.0	15.0
JULES BERTHIERE	THOO	2	AN	MER	W	P	W	C	SS	HA	T		6.0	7.0				
JULES VERNE	FNNC	3	AN	MER	W	P	W	C	SS	HA	TMS	1	20.0	21.0				
KAIROUAN	FNSV	4	AN	MER	W	P	W	C	OS	HA	TM	2	17.0	18.0				
KANGOUROU	FNBH	16	AN	MER	W	P	W	C	SS	HA	TMS	1						
KARUKERA	FNMI	11	AN	MER	W	P	W	C	OS	HA	TMS	1	14.0	15.0				
KOUANG SI	FOWA	17	AN	MER	W	P	W	C	OS	HA	MS	1	15.0	16.0				
LA COUBRE	FOFG	11	AN	MER	W	P	W	C	OS	HA	TMS	1	14.0	15.0				
LADY CHRISTINE EX HAMME (PANAMA)	HO6090	22	AN	MER	W	P	W	C	OS	HA	T		6.0	7.0				
LADY DIANA PAYS BAS	PMFG	22	AN	MER	W	P	W	C	OS	HA	T		5.0	6.0				
LADY ISABELLE EX. WEMME (PANAMA)	HO6043	22	AN	MER	W	P	W	C	OS	HA	T		6.0	7.0				
LAURENT SCHIAFFINO	FCTQ	3	AN	MER	W	P	W	C	SS	HA	T	1						

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## FRANCE

LEOPARD	FNWY	1	AN	MER	W	P	W	C	SS	HA	TMS	2	12.0	13.0
LEOPOLD LO	FNAW	20	AN	MER	W	P	W	C	SS	HA	TMS	1		
LOIRE	FNGQ	18	AN	MER	W	P	W	C	OS	HA	TMS	1	18.0	19.0
LOUDIMA	FOIJ	7	AN	MER	W	P	W	C	SS	HA	TMS	1	17.0	18.0
LOUIS CHARLES SCHIAFFINO	FOBS	3	AN	MER	W	P	W	C	SS	HA	TMS	1		
LOUIS DELMAS	FOZJ	7	AN	MER	W	P	W	C	SS	HA	TMS	1	16.0	17.0
LOULEA	FNTR	7	AN	MER	W	P	W	C	OS	HA	TMS	1	14.0	15.0
LUCHON	FNTK	14	AN	MER	W	P	W	C	OS	HA	TMS	1	16.0	17.0
LUCIE DELMAS	FNUT	7	AN	MER	W	P	W	C	OS	HA	TMS	1	15.0	16.0
MAGDALA	FNVH	18	AN	MER	W	P	W	C	OS	HA	TMS	1	30.0	31.0
MAGELLAN	FNAH	15	AN	MER	W	P	W	C	SS	HA	TMS	1	15.0	16.0
MALAIS	FNOG	16	AN	MER	W	P	W	C	OS	HA	TMS	1	15.0	16.0
MANOKA	FNCR	13	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
MARIE DELMAS	FNXX	7	AN	MER	W	P	W	C	SS	HA	TMS	1	15.0	16.0
MARIE LOUISE SCHIAFFINO	FOAM	3	AN	MER	W	P	W	C	SS	HA	TMS	1		
MARIOTTE	FNYE	16	AN	MER	W	P	W	C	SS	AHA	TMS	1	16.0	21.0
MARQUISIEN	FNDI	16	AN	MER	W	P	W	C	OS	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	OS	HA	TMS	1	14.0	15.0
MAURICIEN	FNDJ	16	AN	MER	W	P	W	C	SS	HA	TMS	1	16.0	17.0
MESSIOUR	FNYD	18	AN	MER	W	P	W	C	SS	HA	TMS	1	20.0	21.0
MICHIGAN	FNAJ	15	AN	MER	W	P	W	C	SS	HA	TMS	1	15.0	16.0
MIRALDA	FNYR	18	AN	MER	W	P	W	C	OS	AHA	TMS	1	32.0	33.0
MISSISSIPI	FNAK	15	AN	MER	W	P	W	C	SS	HA	TMS	1	15.0	16.0
MONIQUE SCHIAFFINO	FNWW	3	AN	MER	W	P	W	C	SS	HA	TMS	1		
MONT AIGOUAL	FNLY	12	AN	MER	W	P	W	C	OS	HA	TMS	1	14.0	15.0
MONT CENIS	FNLA	12	AN	MER	W	P	W	C	OS	HA	TMS	1	16.0	17.0
MONTMOREAU	FNVI	18	AN	MER	W	P	W	C	SS	HA	TMS	1		
MUNGO	FNGI	11	AN	MER	W	P	W	C	SS	HA	TMS	1	15.0	16.0
MYRTEA	FNYS	18	AN	MER	W	P	W	C	SS	HA	TMS	1	29.0	30.0
NAPOLEON	FNCZ	5	AN	MER	W	P	W	C	OS	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

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## FRANCE

NOTRE DAME D'AFRIQUE	FNHO	4	AN	MER	W	P	W	C	SS	HA	TMS	1		
OPPELIA DELMAS	FNGY	7	AN	MER	W	P	W	C	SS	HA	TMS	1	16.0	17.0
ORION ARTIC EX. LOFFOTRAL (BAHAMAS)	V102015	22	AN	MER	W	P	W	C	SS	HA	T		5.0	6.0
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	OS	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	OS	HA	TMS	1	16.0	17.0
PIERRE POULAIN	FNUZ	18	AN	MER	W	P	W	C	SS	HA	TMS	1	20.0	21.0
POINTE ALLEGRE	FNZB	11	AN	MER	W	P	W	C	SS	HA	TMS	1	24.0	25.0
POINTE DES COLIBRIS	FNZC	11	AN	MER	W	P	W	C	SS	HA	TMS	1	22.0	23.0
POINTE MARIN	FNZD	11	AN	MER	W	P	W	C	SS	HA	TMS	1	22.0	23.0
PRESIDENT ANDRE BLANCHARD	FNNM	2	AN	MER	W	P	W	C	SS	HA	TMS	1	12.0	13.0
PYTHAGORE	TQVZ	1	AN	MER	W	P	W	C	OS	HA	MS		7.0	8.0
RELIZANE	TKEH	4	AN	MER	W	P	W	C	OS	HA	T		12.0	13.0
RENAISSANCE	FNPF	10	AN	MER	W	P	W	C	OS	HA	TMS	3	16.0	17.0
ROBERT LD	FNYH	11	AN	MER	W	P	W	C	OS	HA	TMS	1		
ROCHAMBEAU	FNTM	10	AN	MER	W	P	W	C	SS	HA	TMS	1	21.0	22.0
ROSE SCHIAFFINO	FOTA	3	AN	MER	W	P	W	C	OS	HA	TMS	1		
ROUSSILLON	FNEM	4	AN	MER	W	P	W	C	OS	HA	T	1		
SAINTONGE	FNYK	18	AN	MER	W	P	W	C	SS	HA	TMS	1		
SALON	FNVQ	14	AN	MER	W	P	W	C	OS	HA	TMS	1	16.0	17.0
SAUZON	FOOD	13	AN	MER	W	P	W	C	OS	HA	TMS	1	14.0	15.0
SI KIANG	FOWS	9	AN	MER	W	P	W	C	OS	HA	MS	1	16.0	17.0
SITALA	FNTZ	18	AN	MER	W	P	W	C	OS	HA	TMS	1	22.0	23.0
SOUSSE (TUNISIE)	BVCZ	4	AN	MER	W	P	W	C	OS	HA	T		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	OS	HA	TMS	1	15.0	16.0
TALASSA	FNBE	7	AN	MER	W	P	W	C	OS	HA	TMS	1	16.0	17.0
TAMBA	FOKY	9	AN	MER	W	P	W	C	SS	HA	TMS	1	15.0	16.0
TANAGRA	FNBC	20	AN	MER	W	P	W	C	OS	HA	TMS	1	16.0	17.0
TARPON	FNGE	8	AN	MER	W	P	W	C	OS	HA	TMS	1	12.0	13.0
TATIANA	FNVT	20	AN	MER	W	P	W	C	OS	HA	TMS	1	16.0	17.0

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## FRANCE

THALASSA	FNIB	22	AN	MER	W	P	W	C	SS	AHA ST	TMS	1	8.0	9.0
THALES	FTZC	1	AN	MER	W	P	W	C	SS	HA	TMS	1		
TIDRA	FNBF	20	AN	MER	W	P	W	C	OS	HA	TMS	1	15.0	16.0
TOURAINÉ	FNKN	25	AN	MER	W	P	W	C	SS	HA	TMS	1	21.0	22.0
VACCARES	FOEZ	6	AN	MER	W	P	W	C	OS	HA	TMS	1	14.0	15.0
VALENCAY	FNON	1	AN	MER	W	P	W	C	OS	HA	TMS	1	11.0	12.0
VANOISE	FNFX	19	AN	MER	W	P	W	C	OS	HA	TMS	1	17.0	18.0
VAR	FNML	20	AN	MER	W	P	W	C	OS	HA	TMS	1	19.0	20.0
VELAY	FNFY	16	AN	MER	W	P	W	C	OS	HA	TMS	1	17.0	18.0
VENTOUX	FNFZ	16	AN	MER	W	P	W	C	OS	HA	TMS	1	12.0	13.0
VIENNE	FNMN	16	AN	MER	W	P	W	C	OS	HA	TMS	1		
VILLANDRY	FNNN	1	AN	MER	W	P	W	C	OS	HA	TMS	1	14.0	15.0
VILLE DE BREST	FNQD	17	AN	MER	W	P	W	C	OS	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 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 DU HAVRE	FNQB	17	AN	MER	W	P	W	C	SS	HA	TMS	1	16.0	17.0
VIVARAIS	FNGD	19	AN	MER	W	P	W	C	OS	HA	TMS	1	16.0	17.0
VOSGES	FNGA	19	AN	MER	W	P	W	C	OS	HA	TMS	1	15.0	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	FOWW	9	AN	MER	W	P	W	C	SS	HA	TMS	1	16.0	17.0
ZAMBEZE	FNDU	16	AN	MER	W	P	W	C	SS	HA	TMS	1	23.0	24.0
ZEEBRUGGE	FNOX	16	AN	MER	W	P	W	C	SS	HA	TMS	1	23.0	24.0

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GERMAN DEMOCRATIC REPUBLIC

- 1 BALTIC SEA - SOUTH AMERICA
- 2 BALTIC SEA - INDIA
- 3 BALTIC SEA - CHINA - JAPAN
- 4 BALTIC SEA - SOUTH-EAST ASIA
- 5 BALTIC SEA - CUBA
- 6 BALTIC SEA - EAST AFRICA
- 7 BALTIC SEA - WEST AFRICA
- 8 BALTIC SEA - MEDITERRANEAN SEA
- 9 BALTIC SEA - ARABIAN SEA
- 10 BALTIC SEA - NORWAY - BARENTS SEA
- 11 VARIOUS - FISHERY GROUNDS NORTH ATLANTIC
- 6 HONG KONG AND/OR JAPAN - GULF OF THAILAND

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GERMAN DEMOCRATIC REPUBLIC

Selected Ships

Merchant

ALBIN KOBIS	DEVK	6	AN	MER	A	P	A	C	OS	TMS	1	12.0
ALTENBURG	DDXH	1	AN	MER	A	P	A	C	OS	TMS	1	12.0
ANTON SAEFKOW	DEVF	6	AN	MER	A	P	A	C	OS	TMS	1	12.0
BERLIN	DAVL	3	AN	MER	A	P	A	C	OS	TMS	1	12.0
BERNBURG	DDXL	2	AN	MER	A	P	A	C	OS	TMS	1	12.0
BERNHARD BASTLEIN	DEVH	9	AN	MER	A	P	A	C	OS	TMS	1	12.0
BLANKENBURG	DDXJ	3	AN	MER	A	P	A	C	OS	TMS	1	12.0
BOIZENBURG	DDXG	4	AN	MER	A	P	A	C	OS	TMS	1	12.0
EDGAR ANDRE	DEVA	6	AN	MER	A	P	A	C	OS	TMS	1	12.0
EILENBURG	DDXK	2	AN	MER	A	P	A	C	OS	TMS	1	12.0
ERFURT	DAYC	4	AN	MER	A	P	A	C	OS	TMS	1	12.0
ERNST SCHNELLER	DEVB	9	AN	MER	A	P	A	C	OS	TMS	1	12.0
F. FREILIGRATH	DHZX	5	AN	MER	A	P	A	C	OS	TMS	1	12.0
FREUNDSCHAFT	DHZW	9	AN	MER	A	P	A	C	OS	TMS	1	12.0
FREYBURG	DDXR	3	AN	MER	A	P	A	C	OS	TMS	1	12.0
FRIEDEN	DHWT	4	AN	MER	A	P	A	C	OS	TMS	1	12.0
GEORG BUCHNER	DOVR	5	AN	MER	A	P	A	C	OS	TMS	1	12.0
GEORG SCHUMANN	DEVN	6	AN	MER	A	P	A	C	OS	TMS	1	12.0
GERA	DAYI	5	AN	MER	A	P	A	C	OS	TMS	1	12.0
HALBERSTADT	DAYJ	4	AN	MER	A	P	A	C	OS	TMS	1	12.0
HALLE	DAYF	5	AN	MER	A	P	A	C	OS	TMS	1	12.0
HEINZ KAPELLE	DEVJ	4	AN	MER	A	P	A	C	OS	TMS	1	12.0
J.G. FICHTE	DCZK	5	AN	MER	A	P	A	C	OS	TMS	1	12.0
JOHN SCHEER	DEVM	9	AN	MER	A	P	A	C	OS	TMS	1	12.0
KARL MARX STADT	DAYH	9	AN	MER	A	P	A	C	OS	TMS	1	12.0
LEIPZIG	DAYE	4	AN	MER	A	P	A	C	OS	TMS	1	12.0
LISELOTTE HERRMANN	DEVI	4	AN	MER	A	P	A	C	OS	TMS	1	12.0
MAGDEBURG	DDXS	3	AN	MER	A	P	A	C	OS	TMS	1	12.0
MATHIAS THESEN	DEVV	9	AN	MER	A	P	A	C	OS	TMS	1	12.0
MAX REICHPUESTSCH	DEVL	4	AN	MER	A	P	A	C	OS	TMS	1	12.0
MEYENBURG	DDXP	4	AN	MER	A	P	A	C	OS	TMS	1	12.0

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NAUMBURG	DDXI	3	AN	MER	A	P	A	C	OS	TMS	1	12.0
NIENBURG	DDXQ	3	AN	MER	A	P	A	C	OS	TMS	1	12.0
ORANIENBURG	DDXN	4	AN	MER	A	P	A	C	OS	TMS	1	12.0
QUEDLINBURG	DDXF	4	AN	MER	A	P	A	C	OS	TMS	1	12.0
RONNEBURG	DDXO	1	AN	MER	A	P	A	C	OS	TMS	1	12.0
ROSTOCK	DDXE	2	AN	MER	A	P	A	C	OS	TMS	1	12.0
RUDOLF BREITSCHEID	DEVG	4	AN	MER	A	P	A	C	OS	TMS	1	12.0
SCHWARZBURG	DDXM	2	AN	MER	A	P	A	C	OS	TMS	1	12.0
SCHWERIN	DAYG	4	AN	MER	A	P	A	C	OS	TMS	1	12.0
VOLKERFREUNDSCHAFT	DAYP	5	AN	MER	A	P	A	C	OS	TMS	1	12.0
WERNER SEELENBINDER	DEVC	9	AN	MER	A	P	A	C	OS	TMS	1	12.0
WILHELM FLORIN	DEVD	4	AN	MER	A	P	A	C	OS	TMS	1	12.0

Trawlers

BERNHARD KELLERMANN	DAZL	11	AN	MER	A	P	A	C	OS	TMS	1	9.0
BERTOLT BRECHT	DAZA	11	AN	MER	A	P	A	C	OS	TMS	1	9.0
BODO UHSE	DAZO	11	AN	MER	A	P	A	C	OS	TMS	1	9.0
BREITLING	DEXN	11	AN	MER	A	P	A	C	OS	TMS	1	10.0
ERICH WEINERT	DAZE	11	AN	MER	A	P	A	C	OS	TMS	1	9.0
EVERSHAGEN	DEXP	11	AN	MER	A	P	A	C	OS	TMS	1	10.0
F.C. WEISKOPE	DAZG	11	AN	MER	A	P	A	C	OS	TMS	1	9.0
FRIEDRICH WOLF	DAZD	11	AN	MER	A	P	A	C	OS	TMS	1	9.0
JOHANNES R. BECHER	DAZC	11	AN	MER	A	P	A	C	OS	TMS	1	9.0
JUNGE GARDE	DEXM	11	AN	MER	A	P	A	C	OS	TMS	1	12.0
JUNGE WELT	DEXL	11	AN	MER	A	P	A	C	OS	TMS	1	12.0
LOUIS FURNBERG	DAZF	11	AN	MER	A	P	A	C	OS	TMS	1	9.0
LUTTEN KLEIN	DEXO	11	AN	MER	A	P	A	C	OS	TMS	1	10.0
MARTIN ANDERSEN NEXO	DAZB	11	AN	MER	A	P	A	C	OS	TMS	1	9.0
PETER KAST	DAZM	11	AN	MER	A	P	A	C	OS	TMS	1	9.0
PETER NELL	DAZH	11	AN	MER	A	P	A	C	OS	TMS	1	9.0
RUDOLF LEONHARD	DAZN	11	AN	MER	A	P	A	C	OS	TMS	1	9.0
WALTER DEHMEL	DAZI	11	AN	MER	A	P	A	C	OS	TMS	1	9.0
WILLI BREDEL	DAZP	11	AN	MER	A	P	A	C	OS	TMS	1	9.0

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## GERMAN DEMOCRATIC REPUBLIC

## Supplementary Ships

ALTMARK	DCZD	8	AN	MER	A	P	A	C	OS	TMS	1	9.0
BITTERFELD	DCZS	9	AN	MER	A	P	A	C	OS	TMS	1	9.0
DARSS	DCZP	7	AN	MER	A	P	A	C	OS	TMS	1	9.0
ELSTER	DDVB	8	AN	MER	A	P	A	C	OS	TMS	1	9.0
ESPENHAIN	DHWR	10	AN	MER	A	P	A	C	OS	TMS	1	9.0
HAVEL	DCZY	8	AN	MER	A	P	A	C	OS	TMS	1	9.0
HIDDENSEE	DCZN	7	AN	MER	A	P	A	C	OS	TMS	1	9.0
JOLIOT CURIE	DDWT	7	AN	MER	A	P	A	C	OS	TMS	1	9.0
LUBBENAU	DHWL	10	AN	MER	A	P	A	C	OS	TMS	1	9.0
MANSFELD	DHWQ	10	AN	MER	A	P	A	C	OS	TMS	1	9.0
PRIGNITZ	DDXY	6	AN	MER	A	P	A	C	OS	TMS	1	9.0
RECKNITZ	DDVL	8	AN	MER	A	P	A	C	OS	TMS	1	9.0
RIESA	DDVH	1	AN	MER	A	P	A	C	OS	TMS	1	9.0
RUGEN	DCZR	7	AN	MER	A	P	A	C	OS	TMS	1	9.0
SCHWARZA	DDVS	8	AN	MER	A	P	A	C	OS	TMS	1	9.0
SCHWEDT	DCZE	9	AN	MER	A	P	A	C	OS	TMS	1	9.0
SENFTEMBERG	DHWU	10	AN	MER	A	P	A	C	OS	TMS	1	9.0
SPERBER	DCZF	8	AN	MER	A	P	A	C	OS	TMS	1	9.0
SPREE	DCZQ	8	AN	MER	A	P	A	C	OS	TMS	1	9.0
SPREEWALD	DDVN	6	AN	MER	A	P	A	C	OS	TMS	1	9.0
STRALSUND	DCZM	6	AN	MER	A	P	A	C	OS	TMS	1	9.0
TRATTENDORF	DHWW	10	AN	MER	A	P	A	C	OS	TMS	1	9.0
UCKERMARK	DDVD	8	AN	MER	A	P	A	C	OS	TMS	1	9.0
UNSTRUT	DDVE	8	AN	MER	A	P	A	C	OS	TMS	1	9.0
VOCKERODE	DHWV	10	AN	MER	A	P	A	C	OS	TMS	1	9.0
VOGTLAND	DDVQ	6	AN	MER	A	P	A	C	OS	TMS	1	9.0
WARNOW	DCZI	8	AN	MER	A	P	A	C	OS	TMS	1	9.0
WEIDA	DDVT	8	AN	MER	A	P	A	C	OS	TMS	1	9.0
WEISSERITZ	DDVM	8	AN	MER	A	P	A	C	OS	TMS	1	9.0
WERRA	DCZZ	8	AN	MER	A	P	A	C	OS	TMS	1	9.0
WITTENBERG	DDWS	7	AN	MER	A	P	A	C	OS	TMS	1	9.0

## GERMAN DEMOCRATIC REPUBLIC

## Trawlers

										OS		
ZWICKAU	DAYU	9	AN	MER	A	P	A	C		TMS	1	9.0
ARTHUR BECKER	DAZQ	11	AN	MER	SL	P	SL	C		TMS	1	7.0
BITTERFELD	DHXW	11	AN	MER	SL	P	SL	C		TMS	1	7.0
BRUNO TESCH	DEXA	11	AN	MER	SL	P	SL	C		TMS	1	7.0
CARLO SCHONHAAR	DAZW	11	AN	MER	SL	P	SL	C		TMS	1	7.0
COTTBOS	DHXZ	11	AN	MER	SL	P	SL	C		TMS	1	7.0
EISLEBEN	DHXO	11	AN	MER	SL	P	SL	C		TMS	1	7.0
ELVIRA EISENSCHNEIDER	DAZT	11	AN	MER	SL	P	SL	C		TMS	1	7.0
ERICH STEINFURTH	DEXG	11	AN	MER	SL	P	SL	C		TMS	1	7.0
EUGIN SCHONHAAR	DEXF	11	AN	MER	SL	P	SL	C		TMS	1	7.0
GRETE WALTER	DEXB	11	AN	MER	SL	P	SL	C		TMS	1	7.0
HANNO GUNTHER	DAZS	11	AN	MER	SL	P	SL	C		TMS	1	7.0
HEINZ KAPELLE	DAZY	11	AN	MER	SL	P	SL	C		TMS	1	7.0
HEINZ PRIES	DEXE	11	AN	MER	SL	P	SL	C		TMS	1	7.0
HENNIGSDORF	DHXJ	11	AN	MER	SL	P	SL	C		TMS	1	7.0
HERBERT BAUM	DAZX	11	AN	MER	SL	P	SL	C		TMS	1	7.0
HERBERT TSCHAPE	DAZV	11	AN	MER	SL	P	SL	C		TMS	1	7.0
HERTA LINDNER	DAZU	11	AN	MER	SL	P	SL	C		TMS	1	7.0
KARL WOLFF	DEXC	11	AN	MER	SL	P	SL	C		TMS	1	7.0
LEIPZIG	DHXA	11	AN	MER	SL	P	SL	C		TMS	1	7.0
LEUNA	DHXX	11	AN	MER	SL	P	SL	C		TMS	1	7.0
MAGNUS POSER	DEXJ	11	AN	MER	SL	P	SL	C		TMS	1	7.0
MANSFELD	DHXI	11	AN	MER	SL	P	SL	C		TMS	1	7.0
MEISSEN	DHXP	11	AN	MER	SL	P	SL	C		TMS	1	7.0
PETER GORING	DEXK	11	AN	MER	SL	P	SL	C		TMS	1	7.0
PHILIPP MULLER	DEXI	11	AN	MER	SL	P	SL	C		TMS	1	7.0
RUDI ARNDT	DAZZ	11	AN	MER	SL	P	SL	C		TMS	1	7.0
RUDOLF SCHWARZ	DEXH	11	AN	MER	SL	P	SL	C		TMS	1	7.0
SCHWERIN	DHXQ	11	AN	MER	SL	P	SL	C		TMS	1	7.0
WALTER BARTH	DEXD	11	AN	MER	SL	P	SL	C		TMS	1	7.0
WERNER KOBE	DAZR	11	AN	MER	SL	P	SL	C		TMS	1	7.0

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GERMAN DEMOCRATIC REPUBLIC

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GERMANY, FEDERAL REPUBLIC OF

- 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
- 6 HONG KONG AND/OR JAPAN - GULF OF THAILAND

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Selected Ships

Special

ANTON DOHRN	DBFO	19,20	AN	MER	SL	P	SL	ELE BU*	SS	A	TMS	2	8.0	21.0		
FRITHJOF	DBFJ	19,20	AN	MER	SL	P	SL	ELE BU,C*	SS	A	TMS	2	7.0	23.0		
GAUSS	DBFB	22	AN	ELE	S	P	SL	C,BU	SS	A	TMS	1	6.0	17.0		
MEERKATZE	DBFM	19,20	AN	MER	SL	P	SL	ELE BU*	SS	A	TMS	2	7.0	21.0		
METEOR	DBBH	18	AN	MER	ELE	SL	S P	SL	ELE BU,C*	SS	A	RW	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
ANITA	DHOY	5	AN	MER	SL	P	SL	BU	SS	TMS	1	10.0
ANSGARITOR	DDOC	22	AN	MER	SL	P	SL	BU	SS	TMS	1	12.0
ASCONA (SCHWEIZ)	HBLC	18	AN	MER	SL	P	SL	BU	SS	MS	1	16.0
ATLANTIC (PANAMA)	BEOJ	11	AN	MER	SL	P	SL	BU	SS	MS	1	12.0
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
BAYERNSTEIN	DEKG	16	AN	MER	SL	P	SL	BU	SS	MS	1	16.0

\* IN A SMALL SEA-WATER TANK ABOUT 2 M BELOW THE WATER LINE  
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BERINGCORE	DAGU	18	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	DLBV	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
BOCKENHEIM	DDNQ	18	AN	MER	SL	P	SL	BU	SS	MS	1	14.0
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
BOSTONSAND	DLHI	2	AN	MER	SL	P	SL	BU	SS	MS	1	12.0
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
BREMERHAVEN	DLAZ	4	AN	MER	SL	P	SL	C	SS	TMS	1	12.0
BUDAPEST	DABT	18	AN	MER	SL	P	SL	BU	SS	TMS	1	20.0
BUNTENSTEIN	DDTL	8	AN	MER	SL	P	SL	BU	SS	MS	1	14.0
BUNTENTOR	DEKF	5	AN	MER	SL	P	SL	BU	SS	TMS	1	18.0
BURGENSTEIN	DDQE	8	AN	MER	SL	P	SL	BU	SS	MS	1	14.0
CAP SAN DIEGO	DNAI	7	AN	MER	SL	P	SL	BU	SS	TMS	1	14.0
CAP SAN LORENZO	DGHT	7	AN	MER	SL	P	SL	BU	SS	MS	1	14.0
CAP SAN NICOLAS	DAEI	7	AN	MER	SL	P	SL	BU	SS	TMS	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
CHRISTEL VINNEN	DHAL	4	AN	MER	SL	P	SL	BU	SS	TMS	1	14.0
CROSTAFELS	DEIU	2, 14	AN	MER	SL	P	SL	BU	SS	MS	1	16.0
DALBEK	DGVV	9	AN	MER	SL	P	SL	BU	SS	MS	1	10.0
EBERHART ESSBERGER	DNEO	18	AN	MER	SL	P	SL	BU	SS	TMS	1	18.0
ECKERT OLDENDORFF	DKDB	18	AN	MER	SL	P	SL	BU	SS	TMS	1	21.0
EHRENFELS	DECL	14	AN	MER	SL	P	SL	BU	SS	MS	1	14.0
ELBE EXPRESS	DHEE	2	AN	MER	SL	P	SL	BU	SS	TMS	1	16.0
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
ERIKA SCHULTE	DEGQ	18	AN	MER	SL	P	SL	BU	SS	MS	1	14.0

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ESCHERSHEIM	DEHI	18	AN	MER	SL	P	SL	BU	SS	MS	1	16.0	
ETHA	DAGY	18	AN	MER	SL	P	SL	BU	SS	MS	1	18.0	
EUROPA	DDQH	2	AN	MER	SL	P	SL	BU	SS	TMS	3	18.0	
EVELIN BOLTEN	DNFE	18	AN	MER	SL	P	SL	BU	SS	MS	1	16.0	
FINN LEONHARDT	DGWL	2	AN	MER	SL	P	SL	BU	SS	TMS	1	16.0	
FISCHBEK	DHDC	5	AN	MER	SL	P	SL	BU	SS	MS	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	
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	DABC	18	AN	MER	SL	P	SL	BU	SS	TMS	3	20.0	30.0
HAMBURG	DHHV	16	AN	MER	SL	P	SL	BU	SS	TMS	2	14.0	
HAMMONIA	DNJA	16	AN	MER	SL	P	SL	BU	SS	TMS	1	14.0	
HANAU	DHNN	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	BU	SS	TMS	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	
HOLSATIA	DGBG	16	AN	MER	SL	P	SL	BU	SS	TMS	1	16.0	
HOLSTEINSTEIN	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	
INO A.	DJPF	2	AN	MER	SL	P	SL	BU	SS	MS	1	10.0	
ISARSTEIN	DEEX	17	AN	MER	SL	P	SL	BU	SS	TMS	1	12.0	
ISERLOHN	DAKF	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	
KANDELFELS	DEER	14	AN	MER	SL	P	SL	BU	SS	TMS	1	12.0	
KARIBA	DNKD	12	AN	MER	SL	P	SL	C	SS	TMS	1	12.0	
KARONGA	DNKM	12	AN	MER	SL	P	SL	BU	SS	TMS	1	14.0	
KELKHEIM	DEDU	18	AN	MER	SL	P	SL	BU	SS	MS	1	16.0	

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KYBFELS	DEJM	14	AN	MER	SL	P	SL	BU	SS	TMS	1	16.0
LAWANTI	DGRM	2	AN	MER	SL	P	SL	BU	SS	TMS	1	12.0
LECHSTEIN	DDQK	9	AN	MER	SL	P	SL	BU	SS	TMS	1	12.0
LINDENFELS	DLBD	14	AN	MER	SL	P	SL	BU	SS	TMS	1	12.0
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
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
MARITA LEONHARDT	DNDM	18	AN	MER	SL	P	SL	BU	SS	MS	1	16.0
MINDEN	DEBK	4	AN	MER	SL	P	SL	C	SS	TMS	1	12.0
MINERVA	DEBJ	18	AN	MER	SL	P	SL	BU	SS	MS	1	17.0
MONIKA WIARDS	DDMY	18	AN	MER	SL	P	SL	BU	SS	MS	1	14.0
MORILLO	DEMX	18	AN	MER	SL	P	SL	BU	SS	MS	1	14.0
MOSEL EXPRESS	DDNG	2	AN	MER	SL	P	SL	BU	SS	TMS	1	18.0
MOSELSTEIN	DEDR	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
NABSTEIN	DDTJ	6	AN	MER	SL	P	SL	BU	SS	MS	1	12.0
NAJADE	DDR8	11	AN	MER	SL	P	SL	BU	SS	TMS	1	12.0
NAVELINACORE	DADC	18	AN	MER	SL	P	SL	BU	SS	MS	1	12.0
NECKARSTEIN	DEDG	2	AN	MER	SL	P	SL	BU	SS	MS	1	12.0
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
NORDKAP	DKBT	18	AN	MER	SL	P	SL	BU	SS	MS	1	10.0
NORDSTERN	DGZL	2	AN	MER	SL	P	SL	BU	SS	MS	1	16.0
NORMANNIA	DIAN	18	AN	MER	SL	P	SL	BU	SS	MS	1	18.0
OCKENFELS	DLCD	14	AN	MER	SL	P	SL	BU	SS	TMS	1	14.0
ODIN	DNJU	18	AN	MER	SL	P	SL	BU	SS	MS	1	18.0
ORANGELAND	DGWD	12	AN	MER	SL	P	SL	BU	SS	TMS	1	17.0
OTTO HAHN	DAOH	18	AN	MER	SL	P	SL	BU	SS	TMS	2	16.0
PAUL RICKMERS	DTIQ	16	AN	MER	SL	P	SL	BU	SS	TMS	1	13.0
PAZIFIK (PANAMA)	3FUN	11	AN	MER	SL	P	SL	BU	SS	TMS	1	14.0

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PEBANE	DGCZ	8	AN	MER	SL	P	SL	BU	SS	MS	1	14.0
PETER BORNHOFEN	DHKP	18	AN	MER	SL	P	SL	BU	SS	MS	1	16.0
PETER RICKMERS	DNAJ	16	AN	MER	SL	P	SL	BU	SS	TMS	1	13.0
POLAR ARGENTINA	DGEA	8	AN	MER	SL	P	SL	BU	SS	MS	1	14.0
PRAG	DHGP	18	AN	MER	SL	P	SL	BU	SS	TMS	1	18.0
RABENFELS	DLCR	14	AN	MER	SL	P	SL	BU	SS	MS	1	16.0
REGENSTEIN	DEED	17	AN	MER	SL	P	SL	BU	SS	MS	1	13.0
RENDSBURG	DNIC	5	AN	MER	SL	P	SL	BU	SS	MS	1	12.0
RHEIN EXPRESS	DAHL	2	AN	MER	SL	P	SL	BU	SS	TMS	1	16.0
RHEINLAND	DAQH	8	AN	MER	SL	P	SL	BU	SS	MS	1	12.0
RHIEDERSTEIN	DEEG	17	AN	MER	SL	P	SL	BU	SS	MS	1	14.0
ROBERT BORNHOFEN	DNJR	18	AN	MER	SL	P	SL	BU	SS	MS	1	14.0
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
SCHWABENSTEIN	DEKB	16	AN	MER	SL	P	SL	BU	SS	TMS	1	14.0
SLOMAN ALSTERPARK	DHAP	18	AN	MER	SL	P	SL	BU	SS	MS	1	14.0
SOPHIE RICKMERS	DIBG	16	AN	MER	SL	P	SL	BU	SS	MS	1	14.0
SPEYER	DNAF	4	AN	MER	SL	P	SL	BU	SS	MS	1	14.0
STEINFELS	DEBP	18	AN	MER	SL	P	SL	BU	SS	MS	1	16.0
STEPHANITOR	DDOO	4	AN	MER	SL	P	SL	BU	SS	TMS	1	18.0
STERNENFELS	DEXC	18	AN	MER	SL	P	SL	BU	SS	MS	1	16.0
STRASSBURG	DNDK	18	AN	MER	SL	P	SL	BU	SS	MS	1	16.0
SUNFRANCIS	DKKW	18	AN	MER	SL	P	SL	BU	SS	MS	1	16.0
SUNLINA	DGLQ	18	AN	MER	SL	P	SL	BU	SS	MS	1	16.0
SUSANNE FRITZEN	DDQO	1	AN	MER	SL	P	SL	BU	SS	MS	1	14.0
SWELLENDAMM (SOUTH AFRICA)	ZTDE	12	AN	MER	SL	P	SL	BU	SS	MS	1	16.0
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
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
TRANSATLANTIK	DIEY	1	AN	MER	SL	P	SL	BU	SS	TMS	1	16.0

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TRANSCANADA	DARF	1	AN	MER	SL	P	SL	BU	SS	TMS	1	16.0
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
TRAVESTEIN	DLAJ	3	AN	MER	SL	P	SL	BU	SS	MS	1	12.0
TREUENFELS	DDTW	14	AN	MER	SL	P	SL	BU	SS	TMS	1	14.0
TRIER	DHAT	3	AN	MER	SL	P	SL	BU	SS	MS	1	16.0
URSULA SCHULTE	DCUJ	7	AN	MER	SL	P	SL	BU	SS	MS	1	16.0
VEGESACK	DDRV	4	AN	MER	SL	P	SL	BU	SS	MS	1	12.0
VISURGIS	DLIG	2	AN	MER	SL	P	SL	BU	SS	MS	1	20.0
VOGTLAND	DAPE	3	AN	MER	SL	P	SL	BU	SS	MS	1	14.0
VOLTA VISION	DIME	17	AN	MER	SL	P	SL	BU	SS	TMS	1	12.0
WACHTFELS	DEBY	14	AN	MER	SL	P	SL	BU	SS	TMS	1	14.0
WALLENFELS	DEDL	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	MS	1	10.0
WASSERFELS	DDPP	14	AN	MER	SL	P	SL	BU	SS	TMS	1	14.0
WEIMAR	DIPF	8	AN	MER	SL	P	SL	BU	SS	MS	1	12.0
WERDENFELS	DDUR	14	AN	MER	SL	P	SL	C	SS	TMS	1	14.0
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
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
WIEN	DICQ	8	AN	MER	SL	P	SL	BU	SS	MS	1	12.0
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
WOERMANN NYANGA	DGWN	18	AN	MER	SL	P	SL	BU	SS	MS	1	14.0
WORMS	DANE	8	AN	MER	SL	P	SL	BU	SS	MS	1	12.0
Trawlers												
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ALTONA	DNJL	20	AN	MER	SL			ELE*	SS	MS	1	8.0

\* IN A SMALL SEA-WATER TANK ABOUT 2 M BELOW THE WATER LINE  
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BREMERHAVEN	DERY	20	AN	MER	SL			ELE*	SS	TS	1	8.0
COXHAVEN	DFNV	19	AN	MER	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	TMS	1	8.0
HAGEN	DFNP	20	AN	MER	SL	P	SL	ELE*	SS	TMS	1	8.0
HEIDELBERG	DFOG	20	AN	MER	SL	P	SL	BU	SS	TMS	1	8.0
MARBURG	DFOR	20	AN	MER	SL	P	SL	ELE*	SS	TMS	1	8.0
MELLUM	DNDU	20	AN	MER	SL			ELE*	SS	TMS	1	6.0
MINDEN	DFNR	20	AN	MER	SL			BU	SS	TMS	1	8.0
MUNCHEN	DFPB	20	AN	MER	SL			BU	SS	TS	1	8.0
NORDENHAM	DEQV	20	AN	MER	SL			ELE BU*	SS	TMS	1	8.0
OTHMARSCHEN	DNJO	20	AN	MER	SL			ELE*	SS	MS	1	8.0
ROTERSAND	DEQE	20	AN	MER	SL			ELE*	SS	TMS	1	8.0
SAGEFISCH	DEPC	19	AN	MER	SL			ELE*	SS	MS	1	8.0
SAGITTA MARIS	DFBT	12	AN	MER	SL			ELE*	SS	TMS	1	10.0
SAXONIA	DFOP	19	AN	MER	SL	P	SL	ELE*	SS	TMS	1	10.0
SEEFAHRT	DFCA	19	AN	MER	SL			ELE*	SS	TS	1	6.0
SONNE	DFCG	20	AN	MER	SL	P	SL	ELE*	SS	TMS	1	6.0
TICO I	DFBZ	19	AN	MER	SL	P	SL	ELE*	SS	MS	1	8.0
TUBINGEN	DFOJ	20,12	AN	MER	SL	P	SL	ELE*	SS	TMS	1	8.0
WESER	DFBQ	20,12	AN	MER	SL			C	SS	TMS	1	8.0
WIEN	DFBE	19	AN	MER	SL			C	SS	TS	1	6.0

Supplementary Ships

ADOLF LEONHARDT	DNFB	18	AN	MER	SL	P	SL	BU		MS	1	16.0
ADRIAN	DGOV	18	AN	MER	SL	P	SL	BU		MS	1	16.0
AEGIR	DALF	18	AN	MER	SL	P	SL	BU		MS	1	18.0
ALCOR	DLDP	10	AN	MER	SL	P	SL	BU		MS	1	10.0
ALCYCNE	DLCW	10	AN	MER	SL	P	SL	BU		MS	1	8.0

\* IN A SMALL SEA-WATER TANK ABOUT 2 M BELOW THE WATER LINE  
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Merchant										
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ALFRED REHDER	DARZ	18	AN	MER	SL	P	SL	BU	MS	12.0
ALGOR	DEAD	10	AN	MER	SL	P	SL	BU	MS	12.0
ALPHARD	DONS	10	AN	MER	SL	P	SL	BU	MS	10.0
AQUILA	DDRT	10	AN	MER	SL	P	SL	BU	MS	8.0
ARGENFELS	DDRO	14	AN	MER	SL	P	SL	BU	MS	14.0
AXENFELS	DDRX	14	AN	MER	SL	P	SL	BU	MS	16.0
BALKAN	DGEW	18	AN	MER	SL	P	SL	BU	TMS	16.0
BAMBURI (PANAMA)	HPLQ	21	AN	MER	SL	P	SL	BU	TMS	10.0
BRAGE	DHNB	16	AN	MER	SL	P	SL	BU	TMS	22.0
BUCHENSTEIN	DDQQ	8	AN	MER	SL	P	SL	BU	MS	14.0
CALOR	DOTB	5	AN	MER	SL	P	SL	BU	TMS	10.0
CAP ANAMUR	DGIC	7	AN	MER	SL	P	SL	BU	TMS	13.0
CAP MATAPAN	DICN	7	AN	MER	SL	P	SL	BU	MS	14.0
CAP SAN ANTONIO	DNAG	7	AN	MER	SL	P	SL	BU	TMS	14.0
CAP SAN AUGUSTIN	DGHI	7	AN	MER	SL	P	SL	BU	TMS	14.0
CAP SAN MARCO	DAEW	7	AN	MER	SL	P	SL	BU	TMS	14.0
CEMENTIA (PANAMA)	HOLH	21	AN	MER	SL	P	SL	BU	TMS	12.0
CHRISTINA VINNEN	DIAJ	11	AN	MER	SL	P	SL	BU	MS	12.0
CLARITA SCHRODER	DAON	18	AN	MER	SL	P	SL	BU	MS	14.0
CLEMENTINA	DEVC	5	AN	MER	SL	P	SL	BU	MS	18.0
COLUMBUS AUSTRALIA	DAFC	7	AN	MER	SL	P	SL	BU	TMS	20.0
COLUMBUS NEW ZEALAND	DGNZ	7	AN	MER	SL	P	SL	BU	TMS	20.0
DALIA (PANAMA)	HOSB	21	AN	MER	SL	P	SL	BU	MS	14.0
DRACHENFELS	DECU	18	AN	MER	SL	P	SL	BU	MS	16.0
ERLANGEN	DIHE	18	AN	MER	SL	P	SL	BU	MS	16.0
ESSEN	DGNV	15	AN	MER	SL	P	SL	BU	MS	12.0
FALKENFELS	DEJA	18	AN	MER	SL	P	SL	BU	MS	16.0
FIERY CROSS ISLE	DLIA	18	AN	MER	SL	P	SL	BU	MS	18.0
FRANKFURT	DHHZ	16	AN	MER	SL	P	SL	BU	MS	14.0
FREIBURG	DIPO	8	AN	MER	SL	P	SL	BU	MS	12.0
FRIESENSTEIN	DEJL	16	AN	MER	SL	P	SL	BU	MS	14.0
FRIGOANTARTICO	DAQD	4	AN	MER	SL	P	SL	BU	MS	12.0
GOLDENFELS	DDTY	18	AN	MER	SL	P	SL	BU	MS	16.0
GREIFENFELS	DDTF	14	AN	MER	SL	P	SL	BU	MS	16.0

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GRETE REITH	DJSD	18	AN	MER	SL	P	SL	BU	MS	1	16.0
HAGEN	DHHD	4	AN	MER	SL	P	SL	BU	TMS	1	14.0
HAMBURGER DOM	DKOL	18	AN	MER	SL	P	SL	BU	MS	1	12.0
HATTINGEN	DHHI	4	AN	MER	SL	P	SL	BU	TMS	1	14.0
HEDI WIARDS	DDUY	18	AN	MER	SL	P	SL	BU	TMS	1	16.0
HEIDE LEONHARDT	DIHL	18	AN	MER	SL	P	SL	BU	MS	1	18.0
HERMANN SCHULTE	DLBL	3	AN	MER	SL	P	SL	BU	MS	1	20.0
HOECHST	DHHL	18	AN	MER	SL	P	SL	BU	MS	1	12.0
HOHENFELS	DEJJ	18	AN	MER	SL	P	SL	BU	MS	1	16.0
HORNBELT	DAKI	5	AN	MER	SL	P	SL	BU	MS	1	14.0
HORNGOLF	DHGK	5	AN	MER	SL	P	SL	BU	MS	1	14.0
HORNNEER	DIFH	5	AN	MER	SL	P	SL	BU	MS	1	14.0
HORNSEE	DAND	5	AN	MER	SL	P	SL	BU	MS	1	14.0
HORNWIND	DIAW	5	AN	MER	SL	P	SL	BU	MS	1	14.0
ICELAND	DHFI	5	AN	MER	SL	P	SL	BU	MS	1	16.0
INO F.	DJQU	2	AN	MER	SL	P	SL	BU	MS	1	10.0
IRMGARD JACOB	DJAJ	18	AN	MER	SL	P	SL	BU	TMS	1	16.0
JASON	DLAG	15	AN	MER	SL	P	SL	BU	MS	1	10.0
JOHN AUGUSTUS ESSBERGER	DHGJ	18	AN	MER	SL	P	SL	BU	TMS	1	20.0
JOHN M. REHDER	DAMR	18	AN	MER	SL	P	SL	BU	MS	1	12.0
JUDITH SCHULTE	DGKJ	18	AN	MER	SL	P	SL	BU	MS	1	14.0
KATJANA	DGAI	18	AN	MER	SL	P	SL	BU	MS	1	14.0
KLAUS LEONHARDT	DGDK	18	AN	MER	SL	P	SL	BU	MS	1	16.0
KONSUL SCHULTE	DGNZ	18	AN	MER	SL	P	SL	BU	TMS	1	16.0
KRUGERLAND	DNBZ	12	AN	MER	SL	P	SL	BU	TMS	1	14.0
KUNENELAND (SOUTH AFRICA)	ZTFS	12	AN	MER	SL	P	SL	BU	MS	1	6.0
LEVERKUSEN	DGLW	9	AN	MER	SL	P	SL	BU	MS	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
LORD OF ISLE	DLIB	2	AN	MER	SL	P	SL	BU	MS	1	21.0
LOTTE REITH	DKQZ	18	AN	MER	SL	P	SL	BU	MS	1	16.0
LUISE LEONHARDT	DNHL	18	AN	MER	SL	P	SL	BU	MS	1	13.0
MAI RICKMERS	DHAK	16	AN	MER	SL	P	SL	BU	MS	1	13.0
MARIA OLDENDORE	DKCS	18	AN	MER	SL	P	SL	BU	MS	1	18.0

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MARIENFELS	DLBH	14	AN	MER	SL	P	SL	BU	MS	1	16.0
MATHIAS REHDER	DGDR	18	AN	MER	SL	P	SL	BU	MS	1	10.0
MELBOURNE EXPRESS	DEBQ	17	AN	MER	SL	P	SL	BU	TMS	1	23.0
MUNSTERLAND	DAOK	17	AN	MER	SL	P	SL	BU	MS	1	14.0
NEREUS	DDUP	11	AN	MER	SL	P	SL	BU	MS	1	10.0
NEUENFELS	DLCA	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	DHOU	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
PARMA	DHOC	18	AN	MER	SL	P	SL	BU	MS	1	17.0
PASSAT	DIFP	18	AN	MER	SL	P	SL	BU	MS	1	14.0
PAUL SCHRODER	DHPS	18	AN	MER	SL	P	SL	BU	MS	1	12.0
PAULA HOWALDT	DALP	18	AN	MER	SL	P	SL	BU	MS	1	16.0
PECAN	DHPP	18	AN	MER	SL	P	SL	BU	MS	1	14.0
PEKARI	DIFK	5	AN	MER	SL	P	SL	BU	MS	1	14.0
PELINDABA	DIPB	12	AN	MER	SL	P	SL	BU	MS	1	16.0
PERSIMMON	DHPL	5	AN	MER	SL	P	SL	BU	TMS	1	13.0
PETER SCHRODER	DEPI	18	AN	MER	SL	P	SL	BU	MS	1	12.0
PICA	DILP	5	AN	MER	SL	P	SL	BU	MS	1	14.0
PIROL	DIIR	5	AN	MER	SL	P	SL	BU	MS	1	12.0
POLANA	DGRZ	13	AN	MER	SL	P	SL	BU	MS	1	14.0
POLAR BRAZIL	DGBZ	7	AN	MER	SL	P	SL	BU	MS	1	15.0
POLAR COLOMBIA	DHPC	18	AN	MER	SL	P	SL	BU	MS	1	16.0
POLAR ECUADOR	DIES	7	AN	MER	SL	P	SL	BU	MS	1	16.0
POLAR PARAGUAY	DGPP	7	AN	MER	SL	P	SL	BU	MS	1	15.0
POLLUX	DEDO	15	AN	MER	SL	P	SL	BU	MS	1	10.0
PONGOLA	DGEG	12	AN	MER	SL	P	SL	BU	MS	1	14.0
PROSPEKTA	DEBL	15	AN	MER	SL	P	SL	BU	MS	1	10.0
REINBEK	DACM	6	AN	MER	SL	P	SL	BU	MS	1	10.0
REINHARD LORENZ RUSS	DHRO	18	AN	MER	SL	P	SL	BU	TMS	1	20.0
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
SANTA ROSA	DIGW	7	AN	MER	SL	P	SL	BU	MS	1	14.0

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SCHONFELS	DEIV	15	AN	MER	SL	P	SL	BU	MS	1	16.0
SEETEUFEL	DDNP	18	AN	MER	SL	P	SL	BU	MS	1	10.0
SPINDRIFT ISLE	DILC	18	AN	MER	SL	P	SL	BU	MS	1	18.0
ST. JACOBI	DAJA	18	AN	MER	SL	P	SL	BU	MS	1	18.0
STADT WOLFSBURG	DCWE	18	AN	MER	SL	P	SL	BU	MS	1	14.0
STAR RAVENNA	DJXF	18	AN	MER	SL	P	SL	BU	TMS	1	22.0
STOCKENFELS	DEGB	18	AN	MER	SL	P	SL	BU	MS	1	16.0
STOLLHAMMERSAND	DDFQ	2	AN	MER	SL	P	SL	BU	MS	1	12.0
SUNBADEN	DKPN	18	AN	MER	SL	P	SL	BU	MS	1	12.0
SUNCAPRI	DGEC	18	AN	MER	SL	P	SL	BU	MS	1	16.0
SUSANNE SCHULTE	DEAC	18	AN	MER	SL	P	SL	BU	MS	1	20.0
SYDNEY EXPRESS	DIDS	17	AN	MER	SL	P	SL	BU	TMS	1	28.0
TABORA	DNJW	12	AN	MER	SL	P	SL	BU	TMS	1	14.0
TAIFUN	DICT	18	AN	MER	SL	P	SL	BU	MS	1	14.0
TANGA	DDPS	13	AN	MER	SL	P	SL	BU	TMS	1	14.0
TRANSAMERIKA	DHPT	1	AN	MER	SL	P	SL	BU	MS	1	16.0
TUGELALAND	DGRS	12	AN	MER	SL	P	SL	BU	TMS	1	14.0
UHENFELS	DOSM	18	AN	MER	SL	P	SL	BU	MS	1	16.0
USAMBARA	DAPA	12	AN	MER	SL	P	SL	BU	TMS	1	12.0
WESERMUNDE	DDSZ	4	AN	MER	SL	P	SL	BU	MS	1	12.0
WOERMANN UBANGI	DAGW	18	AN	MER	SL	P	SL	BU	MS	1	14.0

Trawlers

AUGSBURG	DFNO	19	AN	MER	SL			C	TM	1	6.0
BERLIN	DEQR	20	AN	MER	SL			ELE*	TS	1	8.0
BONN	DFBK	20	AN	MER	SL			ELE BU*	TMS	1	8.0
CARL KAMPF	DESS	19	AN	MER	SL			ELE*	TMS	1	6.0
DORTMUND	DNKL	19	AN	MER	SL	P		ELE*	MS	1	8.0
ERICH OLLENHAUER	DFBJ	20	AN	MER	SL	P*	SL	ELE*	TMS	1	8.0

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ERLANGEN	DFBS	20	AN	MER	SL		ELE*	TS	1	8.0	
FEHMARN	DJOD	19	AN	MER	SL		BU	TMS	1	8.0	
FRANKFURT	DFBX	19	AN	MER	SL		C	TMS	1	8.0	
HANS BOCKLER	DERE	20	AN	MER	SL		ELE*	MS	1	8.0	
HANSEAT	DEQB	20	AN	MER	SL		ELE*	TMS	1	6.0	
HEINRICH KERN	DEQY	20	AN	MER	SL		ELE*	TMS	1	8.0	
HESSEN	DFNU	20	AN	MER	SL		C	TMS	1	8.0	
JOCHEN HOMANN	DFBW	19	AN	MER	SL		ELE*	TMS	1	6.0	
JULIUS FOCK	DIEG	19	AN	MER	SL		ELE*	MS	1	10.0	
KASSEL	DFCD	20	AN	MER	SL		ELE*	TMS	1	8.0	
KATFISCH	DEPX	20	AN	MER	SL	P	SL	ELE*	TS	1	8.0
KOBLENZ	DFBH	20	AN	MER	SL		ELE*	MS	1	8.0	
KORMORAN	DEOQ	19	AN	MER	SL	P	SL	ELE*	TMS	1	8.0
NORDSTERN	DERP	20	AN	MER	SL		ELE*	TMS	1	8.0	
OSTERREICH	DFCE	20	AN	MER	SL		C	MS	1	8.0	
SHELLFISCH	DEOT	20	AN	MER	SL			MS	1	8.0	
SEYDISFJORD	DFBY	20	AN	MER	SL		ELE*	TMS	1	8.0	
TEUTONIA	DFOK	20	AN	MER	SL		ELE*	TMS	1	8.0	
THUNFISCH	DEOA	20	AN	MER	SL		ELE*	TMS	1	8.0	
URANUS	DEUD	20	AN	MER	SL		ELE*	TMS	1	8.0	
WURZBURG	DFNT	20	AN	MER	SL		BU	TS	1	8.0	

Auxiliary Ships

ATHENE	DKAR	2	AN	MER	SL		BU	MS	1	12.0
BEKUMERSANO	DLHJ	2	AN	MER	SL		C	MS	1	12.0
FAHRMANN SAND	DHFL	18	AN	MER	SL		C	TMS	1	12.0
HARTFORD EXPRESS	DAPW	18	AN	MER	SL		C	MS	1	12.0
LIANE	DDNO	10	AN	MER	SL		BU	MS	1	8.0
MAROC SAND (Trawlers)	DLHV	18	AN	MER	SL		C	MS	1	10.0
NECTARINE CORE (Trawlers)	DHNC	18	AN	MER	SL		C	MS	1	12.0

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

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18

AN

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GREECE

- 1 PIRAEUS - AEGEAN SEA
- 2 PIRAEUS - CRETAN SEA
- 3 PIRAEUS - SAMOS AND KARPATION SEA
- 4 PIRAEUS - KYTHIRA SEA
- 5 PIRAEUS - IONIAN SEA
- 6 IONIAN SEA - ADRIATIC
- 7 AEGEAN SEA - BLACK SEA
- 8 AEGEAN SEA - KYTHIRA SEA - CENTRAL AND WEST MEDITERRANEAN
- 9 AEGEAN SEA - CRETAN SEA - KARPATION SEA - EAST MEDITERRANEAN
- 10 AEGEAN SEA - MEDITERRANEAN - WEST AND NORTH EUROPE
- 6 HONG KONG AND/OR JAPAN - GULF OF THAILAND

## GREECE

## Supplementary Ships

Ship Name	Code	Count	Category	Port	Service	Remarks	MS	Count
ACHILLEFS	SWFY	5,6	AN		C		MS	2
ADONIS	SZLY	1	AN		C	OS	MS	2
AGLIA	SVIX	10	AN		C		MS	1
ARKADI	SZUX	1,3,9	AN		C		MS	2
DILOS	SVOL	8,9	AN		C		MS	2
ELLI	SZWA	1	AN	P	C		MS	1
EOLIS	SYOC	1	AN	P	C		MS	2
ESPEROS	SYDD	1,3	AN		C		MS	2
EVAGELISTRIA	SWFJ	1,3	AN	P	C		MS	1
FESTOS	SWZM	2	AN		C		MS	2
GEORGIOS	SZGB	6	AN	P	C		MS	2
IA	SYUB	1	AN	P	C		MS	1
IRAKLION	SWKW	5,7,9,10	AN		C		MS	1
KALYMNOS	SXAX	1,3	AN	P	C	A	MS	1
KARAIKAKIS	SWFZ	3	AN		C	OS	MS	2
KYDON	SXUU	2	AN	P	C		MS	2
KYPROS	SWLH	10	AN		C		MS	1
MARIANA	SZLY	6	AN		C		MS	2
MARILENA	SZTN	1,3	AN		C		MS	2
MIMIKA L	SYZP	3	AN	P	C		MS	2
MINOS	SYND	2	AN	P	C		MS	2
MYRTIDIOTISA	SYLT	1,4	AN		C		MS	1
NAIAS	SWVD	1	AN		C		MS	1
RODOPI	SWBL	10	AN		C		MS	1
SOFIA	SZPN	2	AN		C		MS	2

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HONG KONG

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- 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 AND/OR JAPAN TO EUROPEAN PORTS
- 9 SHIPS PLYING IN UNSPECIFIED AREAS

HONG KONG

Selected Ships

Ship Name	Code	Days	Agency	Origin	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15	Day 16	Day 17	Day 18	Day 19	Day 20		
ASKA (U.K.)	GZCY	2,7	AN*	MER	W	P	W	BU																	TMS 1	
CAPE ST. MARY (U.K.)	VRAA	4	AN*	MER	W	P	W	C																		TMS 1
CARDROSS (U.K.)	VRFL	3	AN*	MER	W	P	W	BU																		MS 1
CHENG TU (U.K.)	MTWN	5	AN*	MER	W	P	W	BU																		MS 1
CORAL PRINCESS (U.K.)	GOSX	5	AN*	MER	W	P	W	BU																		TMS 2
CREE (U.K.)	GZYE	2	AN*	MER	W	P	W	BU																		TMS 1
EASTERN CAPE (U.K.)	VPIJ	9	MER	MER	W	P	W	BU																		TMS 1
EASTERN CLIFF (U.K.)	VPII	9	MER	MER	W	P	W	BU																		TMS 1
EASTERN RANGER (U.K.)	VRDX	1	MER	MER	W	P	W	BU																		TMS 1
EASTERN ROVER (U.K.)	VRDJ	1	AN*	MER	W	P	W	BU																		TMS 1
EASTERN TRADER (U.K.)	ZELS	9	MER	MER	W	P	W	C																		TMS 1
FOH KIM (U.K.)	VRAZ	5	MER	MER	W	P	W	BU																		MS 1
HALLBORG (NORWAY)	LHVU	6	MER	MER	W	P	W	BU																		TMS 1
HALLVARD (NORWAY)	LGND	6	MER	MER	W	P	W	C																		TMS 1
HOI KUNG (NORWAY)	LKOX	9	MER	MER	W	P	W	BU																		TMS 1
HOI WONG (NORWAY)	LNQL	9	MER	MER	W	P	W	C																		TMS 1
HUPEH (U.K.)	GHPH	1	AN*	MER	W	P	W	BU																		TMS 1
HYRIA (U.K.)	GSOP	2	MER	MER	W	P	W	BU																		MS 1
KIM SENG (U.K.)	GTCN	3	MER	MER	W	P	W	BU																		MS 1
KWEICHOW (U.K.)	GFCH	1,2	MER	MER	W	P	W	BU																		MS 1
NUDDEA (U.K.)	GNCP	2,7	AN*	MER	W	P	W	BU																		TMS 1
NYANZA (U.K.)	GPTK	2,7	AN*	MER	W	P	W	BU																		TMS 1
PANDO GULF (U.K.)	GRJG	8	MER	MER	W	P	W	C																		TMS 1
SHANSI (U.K.)	GZBJ	1	AN*	MER	W	P	W	BU																		TMS 1
SINKIANG (U.K.)	GPEW	1	AN*	MER	W	P	W	BU																		TMS 1
SOOCHOW (U.K.)	GORP	1	AN*	MER	W	P	W	BU																		TMS 1
TAI LUNG SHAN (U.K.)	ZCKH	6	MER	MER	W	P	W	BU																		MS 1
TAI POO SEK (U.K.)	VRFR	7	AN*	MER	W	P	W	BU																		TMS 1

\* NEW TYPE PRECISION ANEROID BAROMETER  
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HONG KONG

TAI PCO SHAN (U.K.)	MACE	2	MER	MER	W	P	W	BU		TMS	2
TAI WAH SHAN (U.K.)	VRCV	6	MER	MER	W	P	W	BU		MS	1
WENCHOW (U.K.)	GFML	5	MER	MER	W	P	W	BU	SS	TMS	1

Supplementary Ships

CARL OFFERSEN (DENMARK)	OZSL	9	MER	MER	W	P	W	BU	SS	TMS	1
EREDINE (U.K.)	GYDH	9	MER	MER	W	P	W	BU		TMS	1
ERISKAY (U.K.)	GZLG	9	MER	MER	W	P	W	BU		TMS	1
HAI HING (NORWAY)	LKFD	5	AN	MER	W	P	W	C		MS	1
HALLDOR (NORWAY)	JWLR	6	AN	MER	W	P	W	C		TMS	1

Auxiliary Ships

JACOB JEBSEN (Special) (DENMARK)	OYJO	3	AN	MER	W	P	W	BU	SS	HA	MS	1
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Supplementary Ships

KWANGTUNG (U.K.)	GOVE	1,2	MER	MER	W	P	W	BU		MS	1
KWEILIN (U.K.)	GHZW	1,2	MER	MER	W	P	W	BU		MS	1
MANOLOEVERETT (LIBERIA)	6ZJR	2	AN	MER	W	P	W	BU		TMS	1
PABLOEVERETT (LIBERIA)	ELPY	5	AN	MER	W	P	W	C		TMS	1
PAMPA ARGENTINA (ARGENTINA)	LQLP	9	MER	MER	W	P	W	C		TMS	1
STAR ALDEBARAN (PANAMA)	HOSN	2	AN	MER	W	P	W	BU		TMS	1

Auxiliary Ships

STAR ALTAIR (Special) (SWEDEN)	SIVN	2	AN	MER	W	P	W	BU		TMS	1
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Supplementary Ships

STAR ANTARES (PANAMA)	HOYL	2	AN	MER	W	P	W	BU		TMS	1
THOMASEVERETT (LIBERIA)	6ZPS	2	AN	MER	W	P	W	BU		TMS	1

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ICELAND

1

- 6 HONG KONG AND/OR JAPAN - GULF OF THAILAND
- 1 ICELAND - EUROPE
- 2 ICELAND - U.S.A.
- 3 NORTH ATLANTIC
- 4 ICELANDIC COASTAL WATERS

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ICELAND

Supplementary Ships

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ARNARFELL	TFVB	1	AN	MER	SL			TMS	1	8.0
ARNI FRIDRIKSSON	TFJA	4	AN	MER	SL	HT	XBT RT	TMS	1	4.0
BAKKAFOSS	TFBA	1	AN	MER	SL			TM	1	7.0
BJARNI SAEMUNDSSON	TFEA	4	AN	MER	SL	HT	XBT A RT	TMS	1	6.0
BRUARFOSS	TFUA	2	AN	MER	SL			TMS	1	12.0
DETTIFOSS	TFDA	1	AN	MER	SL			TMS	1	11.0
DISARFELL	TFXB	1	AN	MER	SL			TMS	1	9.0
FJALLFOSS	TFCB	1	AN	MER	SL			TMS	1	8.0
GODAFOSS	TFMA	2	AN	MER	SL			TMS	1	10.0
GODINN	TFLF	4	AN	MER	SL			T		3.0
GULLFOSS	TFGA	1	AN	MER	SL			TMS	1	10.0
HAFTHOR	TFPW	4	AN	MER	SL	HT	RT	TMS		3.0
HAMRANES	TFAC	4	AN	MER	SL			TMS	1	4.0
HARDBAKUR	TFDG	4	AN	MER	SL			TMS	1	4.0
HELGAFELL	TFZB	1	AN	MER	SL			TMS	1	6.0
HOFSJOKULL	TFBU	2	AN	MER	SL			TMS	1	8.0
HVASSAFELL	TFUB	1	AN	MER	SL			TMS	1	9.0
JOKULFELL	TFWB	2	AN	MER	SL			TMS	1	6.0
LAGARFOSS	TFLA	1	AN	MER	SL			TMS	1	10.0
LAXFOSS	TFDB	1	AN	MER	SL			TMS	1	7.0
LJOSAFOSS	TFMF	1	AN	MER	SL			TMS	1	10.0
MAELIFELL	TFOB	1	AN	MER	SL			TMS	1	8.0
MAI	TFKZ	4	AN	MER	SL			TMS	1	6.0
REYKJAFOSS	TFNA	1	AN	MER	SL			TMS	1	7.0
SELFOSS	TFEB	2	AN	MER	SL			TMS	1	10.0
SKAFTAFELL	TFHB	2	AN	MER	SL			TMS	1	7.0
SKOGAFOSS	TFGC	1	AN	MER	SL			TMS	1	8.0
TUNGUFOSS	TFHA	1	AN	MER	SL			TMS	1	8.0

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INDIA

- 6 HONG KONG AND/OR JAPAN - GULF OF THAILAND
- 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
- 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

## Selected Ships

ANDRANS	VWDG	2	MER	MER	W	P	W	BU	OS		MS	2	14.0
DUMRA	GMLM	11	MER	MER	W	P	W	BU	OS		MS	2	13.0
DWARKA	CGKS	12	MER	MER	W	P	W	BU	OS		TMS	2	4.0
INDIAN EXPORTER	VVWV	20	MER	MER	W	P	W	BU	OS		MS	1	13.0
INDIAN MERCHANT	VWVR	20	MER	MER	W	P	W	BU	OS	RG	MS	1	14.0
INDIAN RELIANCE	VWCJ	14	MER	MER	W	P	W	BU	OS		TMS	1	16.0
INDIAN RENOWN	VWCF	14	MER	MER	W	P	W	BU	OS		MS	1	14.0
INDIAN SECURITY	VWJW	20	MER	MER	W	P	W	BU	OS		MS	1	14.0
INDIAN SUCCESS	VWKQ	9	MER	MER	W	P	W	BU	OS		MS	1	11.0
JAG KISAN	ATAE	19	MER	MER	W	P	W	BU	OS		MS	1	20.0
JALADHANYA	VWVF	15	MER	MER	W	P	W	BU	OS		M	1	15.0
JALADHARMA	VWFX	15	MER	MER	W	P	W	BU	OS		MS	1	17.0
JALADHRUV	VWFT	15	MER	MER	W	P	W	BU	OS		MS	1	14.0
JALADUHITA	VWMV	15	MER	MER	W	P	W	BU	OS		MS	1	12.0
JALAGANGA	VWBJ	20	MER	MER	W	P	W	BU	OS		MS	1	13.0
JALAGOURI	VWFY	20	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	14.0
JALAPALAK	VWWM	15	MER	MER	W	P	W	BU	OS		MS	1	13.0
JALAVIKRAM	VWBT	14	MER	MER	W	P	W	BU	OS		MS	1	13.0
JALAZAD	VWDF	15	MER	MER	W	P	W	BU	OS		MS	1	16.0
KARANJA	MACS	10	MER	MER	W	P	W	BU	SS		MS	2	18.0
LOK SEVAK	VWZN	12	MER	MER	W	P	W	BU	OS		MS	1	14.0
MAHARAJA	VWZW	12	MER	MER	W	P	W	BU	OS		MS	1	14.0
MAHAVIKRAM	VWDC	12	MER	MER	W	P	W	BU	OS		MS	1	15.0
MOHEMMEDI	VWPV	12	MER	MER	W	P	W	BU	OS		MS	2	18.0
MOZAFFARI	VWPT	12	MER	MER	W	P	W	BU	OS		MS	2	5.0
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	17.0
SAUDI	VWPS	12	MER	MER	W	P	W	BU	OS		TMS	2	15.0
SIRDHANA	GCLD	12	MER	MER	W	P	W	BU	OS		MS	2	16.0

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INDIA

STATE OF ASSAM	VWNV	11	MER	MER	W	P	W	BU	OS		M	1	16.0
STATE OF BIHAR	VWPO	11	MER	MER	W	P	W	BU	OS		TMS	1	15.0
STATE OF BOMBAY	VRWP	2	MER	MER	W	P	W	BU	OS	RG	MS	2	15.0
STATE OF GUJARAT	VWQD	20	MER	AN MER	W	P	W	BU	OS		MS	1	14.0
STATE OF HARYANA	ATBG	10	MER	MER	W	P	W	BU	OS		MS	2	17.0
STATE OF KUTCH	VWBY	3,12	MER	MER	W	P	W	BU	OS		MS	1	12.0
STATE OF MADRAS	VWWN	11	MER	MER	W	P	W	BU	OS	RG	MS	2	16.0
STATE OF MAHARASHTRA	VWQF	11	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 TR. COCHIN	VWBX	11,16	MER	MER	W	P	W	BU	OS		TMS	1	15.0
STATE OF UTTAR PRADESH	VWPQ	9,14	MER	AN MER	W	P	W	BU	OS		MS	1	15.0
VISHVA PRABHA	VWLJ	20	MER	MER	W	P	W	BU	OS		MS	1	13.0
VISHVA SUDHA	VWRV	20	MER	AN MER	W	P	W	BU	OS		TMS	1	14.0

Supplementary Ships

AKBAR	ATGH	7	AN	MER	W						MS	1	
APJ AKASH	VWPX	19	MER	MER	W						MS	1	15.0
APJ AMBIKA	ATAG	19	MER	MER	W						MS	1	14.0
APJ SUSHMA	VWPY	19	MER	MER	W						MS	1	16.0
BAILADILA	ATOU	19	AN	MER	W						MS	1	9.0
BANDE NAWAZ	VWDB	12	AN	MER	W						MS	1	8.0
BELLARY	ATDV	19	MER	MER	W						MS	1	
CHANAKYA JAYANTI	VWJN	19	MER	MER	W						MS	1	16.0
COSMOS PIONEER	AIGE	1	MER	MER	W						MS	1	
DAMODAR MANDUVI	VWYW	12	AN	MER	W						MS	1	9.0
DAMODAR ZCARI	VWRP	12	MER	MER	W						MS	1	12.0
DESH BANDHU	VWBK	19	MER	MER	W						MS	1	19.0
DESH SEVAK	ATBP	1	AN	MER	W						MS	1	
GANDHI JAYANTI	VWSJ	19	MER	AN MER	W						MS	1	15.0
INDIAN INDUSTRY	VWLG	12	MER	MER	W						MS	1	15.0

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INDIA

INDIAN RESOLVE	VWDN	20	MER	MER	W	TMS	1	15.0
INDIAN RESOURCE	VWDK	14	MER	MER	W	TMS	1	15.0
INDIAN SPLENDOUR	VWFP	14	MER	MER	W	MS	1	17.0
INDIAN STRENGTH	VWKP	20	MER	MER	W	MS	1	14.0
INDIAN TRADITION	VWLM	20	MER	MER	W	MS	1	14.0
INDIAN TRIBUNE	ATEZ	14	MER	MER	W	MS	1	14.0
INDIAN TRIUMPH	VWNW	14	MER	MER	W	MS	1	14.0
INDIAN TRUST	VWLN	14	MER	MER	W	MS	1	15.0
INDIAN VALOUR	ATHK	16	MER	MER	W	MS	1	
JAG ANANC	ATCU	19	AN	MER	W	MS	1	
JAG JWALA	VVWK	1	AN	MER	W	MS	1	16.0
JAG LAXMI	VWFS	19	AN	MER	W	MS	1	14.0
JAG MANEK	VVVK	19	MER AN	MER	W	MS	1	17.0
JAG RATNA	VWTM	19	MER	MER	W	MS	1	15.0
JAG RAVI	ATGW	18	AN	MER	W	MS	1	15.0
JAG SHANTI	VWRC	19	MER	MER	W	MS	1	14.0
JAG VIJAY	VWRB	19	AN	MER	W	M	1	13.0
JAGANJALI	ATCV	18	AN	MER	W	MS	1	16.0
JAGAT NETA	ATAD	18	AN	MER	W	MS	1	
JALADHARTI	VWGX	18	MER	MER	W	M	1	15.0
JALADHIR	VWGY	18	MER	MER	W	TMS	1	15.0
JALADURGA	VWLT	14	MER	MER	W	TMS	1	14.0
JALADUTA	VWMM	15	MER	MER	W	MS	1	15.0
JALAGIRIJA	ATDM	18	MER	MER	W	MS	1	14.0
JALAGOMATI	VWBC	9	MER	MER	W	MS	1	14.0
JALAGOPAL	VWNX	15	AN	MER	W	M	1	16.0
JALAJYOTI	ATAY	15	AN	MER	W	MS	1	
JALAKALA	VVRX	18	MER	MER	W	MS	1	14.0
JALAKANTA	VWVP	18	AN	MER	W	M	1	15.0
JALAKENDRA	VWBB	14	MER	MER	W	MS	1	12.0
JALAKIRTI	VWQB	20	AN	MER	W	MS	1	13.0
JALAMANGALA	ATFW	17	AN	MER	W	MS	1	17.0
JALAMANI	ATFC	12	MER	MER	W	MS	1	14.0

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## INDIA

JALAMATSYA	ATDF	15	MER	MER	W	MS	1	17.0	
JALAMAYUR	ATFB	19	MER	MER	W	MS	1	13.0	
JALAPANKHI	VWVL	20	MER	MER	W	M	1	14.0	
JALARAJAN	ATAJ	14	AN	MER	MER	W	M	1	14.0
JALAKASHMI	ATAS	15	AN	MER	MER	W	M	1	14.0
JALARATHA	ATBA	15	MER	MER	W	M	1	14.0	
JALATARANG	ATET	20	AN	MER	W	M	1	16.0	
JALAVEERA	VWCC	14	MER	MER	W	M	1	14.0	
JALAVIJAY	VWBR	20	AN	MER	MER	W	MS	1	14.0
JALAVISHNU	VWBS	12	MER	MER	W	M	1	17.0	
JAWAHARLAL NEHRU	ATEA	19	MER	MER	W	M	1		
KRISHNA JAYANTI	VWSF	19	MER	MER	W	MS	1	18.0	
MAHABHARAT	ATHW		MER	MER	W	MS	1	15.0	
RAMA JAYANTI	VWVG	19	MER	MER	W	MS	1	14.0	
RATNA CHANDRA LEKHA	VWTP	9, 14	AN	MER	W	MS	1		
RATNA USHA	VWQS	20	AN	MER	W	MS	1	13.0	
RATNAMANJUSHREE	VWTX	20	MER	AN	MER	W	MS	1	12.0
SAGAR SUDHA	VWHN	12	AN	MER	W	MS	1		
SHOMPEN	ATCH	2	MER	MER	W	MS	1	11.0	
STATE OF ANDHRA	VWBD	11	MER	MER	W	MS	1	15.0	
STATE OF KERALA	VWRO	14, 9	AN	MER	W	MS	1	16.0	
STATE OF MACHYA PRADESH	VWCK	15	MER	MER	W	MS	1	15.0	
STATE OF MYSORE	VWCP	15	MER	MER	W	MS	1		
STATE OF PUNJAB	VWPR	18	MER	MER	W	M	1	14.0	
STATE OF RAJASTHAN	VWPP	9, 14	MER	MER	W	M	1	16.0	
STATE OF WEST BENGAL	VWCG	15	MER	MER	W	MS	1	14.0	
VARUNA KANCHAN	ATFA	19	MER	MER	W	MS	1	16.0	
VISHVA BFAKTI	VWXQ	17	MER	MER	W	MS	1	14.0	
VISHVA BINDU	ATEM	8	MER	MER	W	MS	1	15.0	
VISHVA CHEIANG	ATEL	17	AN	MER	W	MS	1	17.0	
VISHVA DHARMA	VWKL		AN	MER	W	MS	1	15.0	
VISHVA JYOTI	VWLS	15	AN	MER	MER	W	MS	1	11.0

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INDIA

VISHVA KALYAN	VWXY	8	MER	MER	W	MS	1	
VISHVA KANTI	VWWB	20	MER	MER	W	MS	1	15.0
VISHVA KAUSHAL	VWXC	20	AN	MER	W	M	1	16.0
VISHVA KIRTI	VWLR	18	AN	MER	W	MS	1	14.0
VISHVA KOSUM	ATCP	1,12	MER	MER	W	MS	1	13.0
VISHVA MAHIMA	VWXW	8	AN	MER	W	MS	1	15.0
VISHVA MANGAL	VWQQ	18	AN	MER	W	MS	1	14.0
VISHVA MARG	ATCS	10	AN	MER	W	MS	1	16.0
VISHVA MAYA	VWQM	15	AN	MER	W	TMS	1	13.0
VISHVA NIDHI	VWPM	9,14	AN	MER	W	MS	1	14.0
VISHVA PRATAP	VWVX	9,14	AN	MER	W	MS	1	15.0
VISHVA PREM	VWQL	15	AN	MER	W	MS	1	14.0
VISHVA RAKSHA	VWYQ	17	AN	MER	W	MS	1	14.0
VISHVA SANDESH	ATDY	15	MER	MER	W	MS	1	13.0
VISHVA SEVA	VWVS	15	AN	MER	W	MS	1	14.0
VISHVA SHOBHA	VWXP	18	AN	MER	W	MS	1	16.0
VISHVA SIDDHI	VWXR	18	AN	MER	W	MS	1	14.0
VISHVA TEJ	VWXT	15	MER	MER	W	MS	1	14.0
VISHVA TILAK	VWXD	12	AN	MER	W	MS	1	16.0
VISHVA TIRTH	VWWT	18	AN	MER	W	MS	1	
VISHVA USHA	VWLX	9,14	AN	MER	W	MS	1	17.0
VISHVA VANDANA	ATDO	12	AN	MER	W	MS	1	17.0
VISHVA VIBHUTI	VWYJ	8	AN	MER	W	MS	1	
VISHVA VIJAY	VWXB	12	AN	MER	W	MS	1	17.0
VISHVA VIKAS	ATDJ	8	MER	MER	W	MS	1	
VISHVA VINAY	ATCR	12	AN	MER	W	MS	1	10.0
VISHVA VIR	VWVQ	9,14	AN	MER	W	MS	1	15.0

Auxiliary Ships

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BHARAT JAYANTI                      VWRT      19                      AN MER                      MS      1                      19.0

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INDIA

JAGAT MCHINI	ATEF	19	AN		MS	1
KALYANI V	VWCS	1	AN		MS	1
LEELAVATHI JAYANTI	VWWF	1,12	AN	MER	MS	1
RUKMATATI	VWWJ	18	AN		M	1
SAGAR RANI	VWDQ	1	AN		MS	1 14.0
VISHVA ANAND	ATDE	11	AN		MS	1
VISHVA VIKRAM	VWKX	1	AN		MS	1

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IRELAND

- 6 HONG KONG AND/OR JAPAN - GULF OF THAILAND
- 1 DUBLIN - LIVERPOOL - SOUTH AMERICAN PORTS
- 2 DUBLIN - CORK - CASABLANCA
- 3 DUBLIN - LIVERPOOL
- 4 CORK - SWANSEA

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IRELAND

Selected Ships

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INNISFALLEN	EIXT	4	AN	MER	W	P	W	C	OS	T	1
IRISH PLANE	EITY	2	AN*	MER	W	P	W	BU	OS	MS	1
IRISH POPLAR	EISK	1	AN*	MER	W	P	W	BU	OS	MS	1
LEINSTER	EIXY	3	AN	MER	W	P	W	C	OS	T	1
MUNSTER	EIXC	3	AN	MER	W	P	W	C	OS	T	1

\* NEW TYPE PRECISION ANEROID BAROMETER  
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ISRAEL

- 6 HONG KONG AND/OR JAPAN - GULF OF THAILAND
- 1 ISRAEL - EUROPE
- 2 ISRAEL - EUROPE - NORTH AMERICA
- 3 ISRAEL - MEDITERRANEAN
- 4 ISRAEL - GULF OF MEXICO
- 5 ISRAEL - WEST AFRICA
- 6 WEST AFRICA - JAPAN
- 7 EILAT - EAST AFRICA - JAPAN
- 8 NORTH AMERICA - JAPAN
- 9 WORLD-WIDE VOYAGES, NO FIXED ROUTE

## ISRAEL

## Selected Ships

Ship Name	Code	Count	Origin	Port	Service	Category	Notes	Destination				
ALON	4XXF	5	AN	MER	S	P	S	C	SS	TMS	1	
AMPAL	4XVK	8	AN	MER	S	P	S	C	SS	TMS	1	
ARAD	4XSO	4	AN	MER	S	P	S	C	SS	HA	TMS	1
ASHOOD	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	9	AN	MER	S	P	S	C	SS	TMS	1	
BANANACORE	4XNN	9	AN	MER	S	P	S	C	SS	TMS	1	
BEER SHEVA	4XXL	8	AN	MER	S	P	S	C	SS	HA	TMS	1
DAHLIA	4XNL	7	AN	MER	S	P	S	C	SS	TMS	1	
DAN	4XNO	3	AN	MER	S	P	S	C	SS	TMS	2	
DEGANYA	4XXC	8	AN	MER	S	P	S	C	SS	TMS	1	
DEROR	4XND	1	AN	MER	S	P	S	C	SS	HA	TMS	1
DEVORA	4XMM	1	AN	MER	S	P	S	C	SS	TMS	1	
EIN GEDI	4XMA	4	AN	MER	S	P	S	C	SS	HA	TMS	1
ELAT	4XXH	4	AN	MER	S	P	S	C	SS	TMS	1	
ESHEL	4XXI	5	AN	MER	S	P	S	C	SS	HA	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	4XMU	1	AN	MER	S	P	S	C	SS	TMS	1	
GEDERA	4XXD	7	AN	MER	S	P	S	C	SS	TMS	1	
GEFFEN	4XQF	1	AN	MER	S	P	S	C	SS	TMS	1	
HADAR	4XMI	2	AN	MER	S	P	S	C	SS	TMS	1	
HADAS	4XVC	1	AN	MER	S	P	S	C	SS	TMS	1	
HAIFA	4XVH	9	AN	MER	S	P	S	C	SS	HA	TMS	1
HANNA	4XMN	1	AN	MER	S	P	S	C	SS	TMS	1	
HAR ADDIR	4XSU	9	AN	MER	S	P	S	C	SS	TMS	1	
HAR BASHAN	4XST	9	AN	MER	S	P	S	C	SS	TMS	1	
HAR BOKER	4XSK	9	AN	MER	S	P	S	C	SS	TMS	1	
HAR CANAAN	4XSH	9	AN	MER	S	P	S	C	SS	TMS	1	
HAR CARMEL	4XSF	9	AN	MER	S	P	S	C	SS	TMS	1	

## ISRAEL

HAR CASTEL	4XSQ	9	AN	MER	S	P	S	C	SS		TMS	1
HAR GILBOA	4XSG	9	AN	MER	S	P	S	C	SS		TMS	1
HAR MERON	4XSP	9	AN	MER	S	P	S	C	SS		TMS	1
HAR SINAI	4XSK	4	AN	MER	S	P	S	C	SS		TMS	1
HAR TABOR	4XSI	9	AN	MER	S	P	S	C	SS		TMS	1
HAVIVA	4XMU	1	AN	MER	S	P	S	C	SS		TMS	1
HEHALUTZ	4XNE	1	AN	MER	S	P	S	C	SS		TMS	1
IDDAN	4XNO	1	AN	MER	S	P	S	C	SS		TMS	1
KESHET	4XXV	2	AN	MER	S	P	S	C	SS	HA	TMS	1
LEA	4XMG	1	AN	MER	S	P	S	C	SS		TMS	1
LEMONCORE	4XNG	9	AN	MER	S	P	S	C	SS	HA	TMS	1
MANDARINECORE	4XQJ	9	AN	MER	S	P	S	C	SS		TMS	1
MANGOCORE	4XNJ	9	AN	MER	S	P	S	C	SS		TMS	1
MAZAL	4XMB	2	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
NAHARYA	4XXB	7	AN	MER	S	P	S	C	SS		TMS	1
NEGBA	4XVV	8	AN	MER	S	P	S	C	SS		TMS	1
NETANYA	4XXA	7	AN	MER	S	P	S	C	SS		TMS	1
NILI	4XNQ	3	AN	MER	S	P	S	C	SS		TMS	2
NOGA	4XXW	6	AN	MER	S	P	S	C	SS		TMS	1
NURITH	4XNM	7	AN	MER	S	P	S	C	SS		TMS	1
PAL YAM	4XQG	1	AN	MER	S	P	S	C	SS		TMS	1
PALMACH	4XWI	1	AN	MER	S	P	S	C	SS		TMS	1
PERSIMMONCORE	4XQK	9	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
SABRACORE	4XQH	9	AN	MER	S	P	S	C	SS		TMS	1
SAHAR	4XXU	6	AN	MER	S	P	S	C	SS		TMS	1
SARA	4XMF	1	AN	MER	S	P	S	C	SS		TMS	1
SHIQMA	4XXJ	5	AN	MER	S	P	S	C	SS		TMS	1
SHOMRON	4XWQ	9	AN	MER	S	P	S	C	SS		TMS	1
TANGERINECORE	4XQL	9	AN	MER	S	P	S	C	SS		TMS	1
TEL AVIV	4XSJ	4	AN	MER	S	P	S	C	SS	HA	TMS	1

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ISRAEL

TEVERYA	4XXG	7	AN	MER	S	P	S	C	SS		TMS 1
TIMNA	4XXO	4	AN	MER	S	P	S	C	SS	HA	TMS 1
TSEDEK	4XXY	9	AN	MER	S	P	S	C	SS		TMS 1
YAFO	4XML	2	AN	MER	S	P	S	C	SS	HA	TMS 1
YARDEN	4XYD	1	AN	MER	S	P	S	C	SS		TMS 1

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ITALY

- 6 HONG KONG AND/OR JAPAN - GULF OF THAILAND
- 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 CALIDONIA - EASTERN AUSTRALIA

ITALY

## Selected Ships

Ship Name	ICAI	Days	AN	MER	S	P	S	C	OS	ST	TMS	1	2	3	4	5
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	23.0		
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			
CARIBIA	ICOF	12	AN	MER	S	H	S	C	SS	MAX MIN	MS	2	20.0	23.0		
CITTA DI ALESSANDRIA	ICQA	5	AN	MER	S	P	S	BU	SS		M	1	9.0			
CRISTOFORD COLOMBO	ICCA	21		MER	S	P	S	C	SS	MAX MIN	TMS	4	23.0	24.0		
DONIZETTI	ICBI	16	AN	MER	S	P	S	C	SS		TMS	3	16.0	18.0		
ENOTRIA	IBBS	8	AN	MER	VS	P	VS	C	OS		TMS	2	12.0			
ESPERIA	IBOC	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	BAT	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	26.0	
GIULIO CESARE	ICAV	12,32	AN	MER	S	P	S	C	OS	MAX MIN	TMS	4	21.0	23.0		
GUGLIELMO MARCONI	IBBG	3	AN	MER	MER	S	P	S	C	OS	A AG	TMS	3	19.0	26.0	
IRPINIA	ICIR	13	AN	MER	S	H	S	C	SS		TMS	3	16.0	18.0		
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	24.0		
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	28.0		
RAFFAELLO	IBLO	21	AN	MER	S	P	S	C	OS	MAX MIN	TMS	5	24.0	28.0		

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ITALY

ROMA	ICRB	3	AN	MER	MER	VS	P	VS	C	OS		TMS	3	16.0	
ROSSINI	ICDS	16	AN		MER	S	P	S	C	OS		TMS	3	16.0	18.0
SARDEGNA	IBIV	5	AN		MER	S	P	S		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	18.0
VICTORIA	IBLV	23	AN		MER	S	P	S	C	OS	MAX MIN	TMS	3	16.0	

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JAPAN

- 6 HONG KONG AND/OR JAPAN - GULF OF THAILAND
- 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
- 31 U.S.S.R. EAST COAST

## JAPAN

## Selected Ships

ADRIA MARU	JGXM	2	AN	MER	ALC	S	P	S	BU	A	TMS	2	28.0	34.0
AIKO MARU	JBAD	6	AN	MER	ALC	S	P	S	C	MAX MIN A	TMS	2	18.0	30.0
AIZU MARU	JDBB	22,27	AN	MER		S	P	S	BU	MAX MIN A	MS	2	16.0	28.0
AKAGISAN MARU	JRYF	7,27	AN	ALC		S	P	S	BU	MAX MIN A	TMS	2	13.0	19.0
AKASHISAN MARU	JFFQ	2	AN	MER		S	P	S	C	MAX MIN A	TMS	2	15.0	20.0
AKI MARU	JDRF	5,8,22	AN	ALC		S	P	S	C	MAX MIN A	TMS	2	14.0	25.0
AKIBASAN MARU	JAEG	7,30	AN	ALC		S	P	S	BU	A	TMS	2	14.0	19.0
AMARYLLIS MARU	JGNL	28	AN	ALC	VS	P	VS	C		A	TMS	2	10.0	21.0
AMERICA MARU	JNXV	30	AN	ALC		S	P	S	C	A	TMS	2	22.0	35.0
ANDES MARU	JCBO	3,11,23	AN	MER	SL	P	SL	BU	SS	MAX MIN HA A	MS	2	15.0	27.0
ARGENTINA MARU	JJJS	7	AN	ALC		S	P	S	BU	A	TMS	3	15.0	17.0
ARIMA MARU	JGSL	5	AN	ALC		S	P	S	BU	A	TMS	2	15.0	24.0
ARIZONA MARU	JNIA	29	AN	ALC		S	P	S	BU	A	TMS	2	14.0	21.0
ASHIBY MARU	JFGD	30	AN	ALC		S	P	S	BU	A	TMS	2	16.0	20.0
ASIA GOLD	ELKP	6	AN	ALC		S	P	S	C	MAX MIN HA	TMS	1	15.0	
ASIA MARU	JEMM	30	AN	ALC		S	P	S	BU	A	MS	2	22.0	24.0
ASIA MARU	JHMW	18	AN	ALC		S	P	S	C	A	MS	2	15.0	24.0
ASIA MARU NO.2	JRLX	18	AN	ALC		S	P	S	C	A	MS	2	22.0	27.0
ASIA MARU NO.3	JPIZ	18	AN	ALC		S	P	S	C	MAX MIN HA A	TMS	2	22.0	26.0
ASO MARU	JQVV	27	AN	ALC		S	P	S	BU	A	TMS	2	14.0	23.0
ASUKAGAWA MARU	JGZT	18	AN	ALC		S	P	S	C	A	TMS	2	27.0	32.0

## JAPAN

ATAGO MARU	JQYV	28	AN	ALC	S	P	S	C		MAX MIN A	MS	2	14.0	33.0
ATAMI MARU	JJVN	28	AN	ALC	S	P	S	BU C	SS	A	MS	2	15.0	27.0
ATLANTIC MARU	JGYT	8,18	AN	ALC	S	P	S	C		A	TMS	2	25.0	35.0
AUSTRALIA MARU	JAIAK	3	AN	MER	S	P	S	C		A	TMS	2	22.0	36.0
AWATA MARU	JAFE	7,27	AN	ALC	S	P	S	BU		MAX MIN A	MS	2	14.0	20.0
BAHAMA MARU	JJPQ	7	AN	MER	S	P	S	BU		MAX MIN HA	MS	2	8.0	14.0
BARCELONA MARU	JLBB	2	AN	ALC	S	P	S	BU		MAX MIN A	TMS	2	16.0	24.0
BEISCHU MARU	JDBD	30	AN	MER	S	P	S	C		HA A	TMS	2	23.0	30.0
BERGEN MARU	JKYB	2	AN	ALC	S	P	S	BU		MAX MIN A	TMS	2	16.0	24.0
BRAZIL MARU	JDHB	23	AN	MER	S	P	S	BU		A	TMS	3	17.0	24.0
BREMEN MARU	JKKU	8	AN	ALC	S	P	S	C		A	TMS	2	17.0	25.0
BRIDGESTONE MARU NO. 2	JMRP	3,18	AN	ALC	S	P	S	C		A	MS	2	20.0	34.0
BRIDGESTONE MARU NO. 3	JILR	18	AN	ALC	S	P	S	C		A	MS	2	21.0	33.0
BRISTOL MARU	JKGO	2	AN	ALC	S	P	S	C		A	TMS	2	17.0	25.0
BROOKLYN MARU	JKAX	14	AN	ALC	S	P	S	C		A	MS	2	20.0	29.0
BUENOS AIRES MARU	JNGO	29	AN	MER	S	P	S	BU		A	TMS	2	12.0	20.0
BUNKO MARU	JJXH	6	AN	ELE	VS	P	VS	C		A	TMS	2	17.0	28.0
CANBERRA MARU	JCIV	10,11	AN	MER	S	P	S	BU		HA	TMS	2	12.0	
CARACAS MARU	JPIY	7,14,27	AN	ALC	S	P	S	BU		A	TMS	2	18.0	33.0
CHIAKI MARU	JDEC	3,16	AN	MER	S	P	S	C		A	TMS	2	25.0	40.0
CHICAGO MARU	JGHW	14,27	AN	ALC	S	P	S	C		MAX MIN A	TMS	2	13.0	23.0
CHIEKAWA MARU	JPSF	28	AN	ALC	S	P	S	C		A	TMS	2	23.0	27.0
CHIKUMASAN MARU	JEZO	3,23	AN	ALC	S	P	S	BU		MAX MIN A	TMS	2	27.0	38.0
CHITA MARU	JCCS	3	AN	MER	S	P	S	BU		HA	TMS	2	22.0	32.0
CHOKAI MARU	JQKV	30	AN	ALC	S	P	S	C		A	MS	2	12.0	16.0
CHOKO MARU	JBXC	30	AN	MER ALC	S	P	S	C		A	TMS	2		

## JAPAN

COLORADO MARU	JFAC	11,30	AN	ALC	S	P	S	C	A	TMS	2	23.0	36.0	
CORINTO MARU	JBAA	8	AN	MER	S	P	S	C	A	TMS	2	18.0	31.0	
COSMOS	JFOJ	11	AN	ALC	VS	P	VS	C	A	TMS	2	11.0	20.0	
COSMOS NO 2	JDMP	11	AN	ALC	VS	P	VS	C	A	TMS	2	15.0	30.0	
CRISTOBAL MARU	JPKU	14	AN	ALC	S	P	S	BU	A	TMS	2	18.0	33.0	
CURACAO MARU	JAXO	14	AN	MER	S	P	S	C	A	TMS	2	18.0	31.0	
DAIEI MARU	JGFL	18	AN	ALC	S	P	S	C	A	MS	2	19.0	26.0	
DAIWA MARU	JCNK	8	AN	ALC	S	P	S	C	A	MS	2	14.0	25.0	
DAMPIER MARU	JLHO	3,23	AN	MER	S	P	S	C	A	TMS	2	24.0	38.0	
DONAU MARU	JQCV	28	AN	MER	ALC	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	6,30	AN	ALC	S	P	S	C	A	MS	2	14.0	23.0	
DURBAN MARU	JNIC	18	AN	MER	S	P	S	BU	HA	MS	2	7.0		
EIGO MARU	JNSH	3	AN	ALC	S	P	S	C	A	MS	2	19.0	26.0	
EIKO MARU	JGCK	28	AN	ALC	S	P	S	C	A	TMS	2	27.0	41.0	
EISHIN MARU	JDQF	23	AN	ALC	S	P	S	BU	HA	MS	2	14.0		
EISHO MARU	JCER	3	AN	ALC	S	P	S	C	SS	MAX MIN A	TMS	2	26.0	38.0
EUPHRATES MARU	JLII	18	AN	ALC	S	P	S	C	A	TMS	2	15.0	24.0	
EVERETT MARU	JFFU	6	AN	MER	S	P	S	BU	A HA	TMS	2	8.0	25.0	
FLORIDA MARU	JLXX	29	AN	ALC	S	P	S	C	MAX MIN A	TMS	2	14.0	25.0	
FRANCE MARU	JRZR	14	AN	ALC	S	P	S	C	MAX MIN A	TMS	2	16.0	29.0	
FUJISAN MARU	JHQV	18	AN	ALC	S	P	S	C	SS	A	TMS	2	8.0	26.0
FUJISAN MARU	JKEF	23	AN	ALC	S	P	S	C	A	TMS	2	21.0	32.0	
FUKUKAWA MARU	JFUT	3	AN	ALC	S	P	S	C	A	TMS	2	24.0	36.0	
FUMIKAWA MARU	JPCF	28	AN	ALC	S	P	S	C	A	TMS	2	23.0	28.0	
FUOHSAN MARU	JPKI	18,23	AN	ALC	S	P	S	BU	A	TMS	2	21.0	35.0	
FUSHIMI MARU	JBVK	14	AN	MER	S	P	S	C	A	TMS	2	19.0	31.0	
FUSHU MARU	JPHV	28	AN	ALC	S	P	S	C	A	TMS	2	21.0	27.0	
FUSO MARU	JBXT	14	AN	ALC	S	P	S	C BU	A	TMS	2	20.0	29.0	

## JAPAN

FUUKI MARU	JKQP	23	AN	ALC	S	P	S	C	SS	A	TMS 2	20.0	33.0
GEIKO MARU	JJRL	30	AN	MER ALC	S	P	S	C		A	TMS 2		
GEKKO MARU	JIPV	18	AN	MER	S	P	S	C		MAX MIN A	TMS 2	24.0	30.0
GENEI MARU	JMNN	28	AN	ALC	S	P	S	BU C	SS	A	MS 2	16.0	28.0
GENKAI MARU	JBOL	28	AN	ALC	S	P	S	C		MAX MIN A	TMS 2	21.0	32.0
GENYO MARU	JGYF	28	AN	MER ALC	S	P	S	BU		HA	MS 2	12.0	
GOHO MARU	JMJG	11	AN	ALC	S	P	S	C	SS	A	TMS 2	9.0	27.0
GOHRYUSAN MARU	JEJP	18	AN	ALC	S	P	S	BU		A	TMS 2	24.0	38.0
GOLDEN ARROW	JCFU	30	AN	ALC	S	P	S	C		A	TMS 2	22.0	32.0
GOLDEN GATE BRIDGE	JPZD	30	AN	MER	S	P	S	C		MAX MIN A	TMS 2	18.0	27.0
GUATEMARA MARU	JPAD	27	AN	MER	S	P	S	C		MAX MIN A	TMS 2	15.0	26.0
GYOKUEI MARU	JDVM	9	AN	MER ELE	S	P	S	C	SS	ST A	TMS 4	18.0	30.0
HAGOROMO MARU	JMDD	27	AN	ALC	S	P	S	BU		MAX MIN A	TMS 2	17.0	29.0
HAGURCSAN MARU	JHGW	14	AN	MER	S	P	S	BU		A	TMS 2	10.0	27.0
HAGURCSAN MARU	JJFV	8,29	AN	ALC	S	P	S	BU		A	TMS 2	15.0	22.0
HAKKAI MARU	JJQO	30	AN	MER MER	S	P	S	C		HA	TMS 2	20.0	
HAKKO MARU	JCAR	30	AN	MER ALC	S	P	S	C		A	TMS 2		
HAKONE MARU	JKIC	30	AN	ALC	S	P	S	C		MAX MIN A	TMS 2	22.0	35.0
HAKONESAN MARU	JENF	14	AN	ALC	S	P	S	BU		MAX MIN A	TMS 2	15.0	20.0
HAKOZAKI MARU	JGMD	3	AN	ALC	S	P	S	C		MAX A	TMS 2	23.0	36.0
HAKUYO MARU	JHVQ	30	AN	ALC	S	P	S	C	SS	MAX MIN A	TMS 2	20.0	32.0
HAMPTON MARU	JDDJ	8,18	AN	ALC	S	P	S	C		A	TMS 2	27.0	50.0

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HARUNA MARU	JJKQ	30	AN	MER	ALC	S	P	S	C	SS	MAX	MIN	A	TMS	2	21.0	34.0
HARUNASAN MARU	JDQJ	29	AN	MER		S	P	S	BU		MAX	MIN	A	TMS	2	14.0	20.0
HAVANA MARU	JEGR	8	AN	ALC		S	P	S	BU		MAX	MIN	A	TMS	2	15.0	26.0
HAWAII MARU	JKJW	3	AN	ALC		S	P	S	BU		A			TMS	2	15.0	25.0
HEMLOCK	JEHT	28	AN	ALC		VS	P	VS	C		A			TMS	2	15.0	22.0
HIJIRI MARU	JFWJ	3	AN	MER		S	P	S	C		A			TMS	2	18.0	28.0
HIKO MARU	JKTV	30	AN	MER	ALC	S	P	S	C		A			TMS	3	16.0	28.0
HIKONE MARU	JDMY	22	AN	ALC		S	P	S	BU		A			MS	2	16.0	19.0
HIRATSUKA MARU	JBVE	8, 30	AN	ALC		S	P	S	C		A			TMS	2	20.0	27.0
HIRO MARU	JRLC	30	AN	ALC		S	P	S	BU		HA			MS	2	17.0	
HISASHIMA MARU	JMJU	30	AN	MER		S	P	S	C	SS	MAX	MIN	HA	TMS	2	13.0	
HODAKASAN MARU	JJGP	23	AN	MER		S	P	S	BU		MAX	MIN	A	TMS	2	14.0	20.0
HOEI MARU	JHXY	18	AN	ALC		S	P	S	C		A			MS	2	15.0	19.0
HOEISAN MARU	JEJS	22	AN	ALC		S	P	S	C		MAX	MIN	A	TMS	2	14.0	22.0
HONMOKU MARU	JNIV	30	AN	MER		S	P	S	C		MAX	MIN	A	TMS	2	15.0	30.0
HONOLULU MARU	JKNP	14	AN	ALC		S	P	S	BU		MAX	MIN	A	TMS	2	14.0	24.0
HORAI MARU	JMOU	22	AN	MER		S	P	S	BU		MAX	MIN	HA	MS	2	14.0	
HOUSTON MARU	JAHF	14, 29	AN	ALC		S	P	S	BU		MAX	MIN	A	TMS	2	13.0	23.0
HOWA MARU	JBWB	14	AN	ALC		S	P	S	C		A			MS	2	14.0	25.0
HOZAN MARU	JMOQ	13, 30	AN	ALC		S	P	S	C	SS	A			TMS	2	11.0	22.0
HOZUI MARU	JDJX	22	AN	MER		VS	P	VS	BU		HA			MS	2	12.0	
HUDSON MARU	JEHF	14	AN	ALC		S	P	S	BU		MAX	MIN	A	TMS	2	15.0	26.0

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HUMBURG MARU	JKMY	14	AN	ALC	S	P	S	BU		MAX MIN A	TMS	2	15.0	24.0
IBARAKI MARU	JHEP	27	AN	ALC	S	P	S	BU	SS	A	TMS	2	14.0	21.0
IGAHARU MARU	JFFX	30	AN	ALC	VS	P	VS	C		HA	MS	2	21.0	
INDAS MARU	JPIH	30	AN	ALC	S	P	S	C		HA A	TM	2	16.0	29.0
ISE MARU	JRZA	18	AN	ALC	S	P	S	BU		A	TMS	2	20.0	28.0
IWAKI MARU	JMVV	8	AN	ALC	S	P	S	BU		A	TMS	2	18.0	24.0
IWASHIRO MARU	JGXD	8	AN	ALC	S	P	S	BU		A	TMS	2	19.0	26.0
IYO MARU	JPIB	8	AN	MER	S	P	S	BU		A	TMS	2	17.0	24.0
IZUMI MARU	JFSW	8	AN	ALC	S	P	S	BU		MAX MIN A	TMS	2	18.0	25.0
IZUMISAN MARU	JBDV	18	AN	MER	S	P	S	C		A	TMS	2	25.0	37.0
IZUMO MARU	JGSS	8	AN	ALC	VS	P	VS	BU		MAX MIN A	MS	2	17.0	25.0
IZUMO MARU	JQBU	18	AN	ALC	S	P	S	C		A	TMS	2	13.0	25.0
JAPAN ACE	JKFS	30	AN	ALC	S	P	S	C		A	TMS	2	20.0	30.0
JAPAN ALDER	JJSN	3,6	AN	ALC	S	P	S	C		A	TMS	2	16.0	30.0
JAPAN AMBASSADOR	JDTT	14	AN	ALC	S	P	S	C		A	TMS	2	18.0	26.0
JAPAN AZALEA	JEHV	30	AN	ALC	S	P	S	C		A	TMS	2	17.0	27.0
JAPAN CAMELLIA	JFSS	8,18	AN	ALC	S	P	S	C		A	TMS	2	22.0	34.0
JAPAN CANNA	JLKJ	8	AN	ALC	S	P	S	C		A	TMS	2	35.0	53.0
JAPAN CEDAR	JDWJ	3	AN	ALC	S	P	S	C		HA A	MS	2	21.0	30.0
JAPAN CHERRY	JKAB	18	AN	ALC	S	P	S	C		A	MS	2	24.0	34.0
JAPAN ELM	JQJB	30	AN	ALC	S	P	S	C		A	MS	2	22.0	27.0
JAPAN ERICA	JDCO	3,30	AN	ALC	S	P	S	BU C		A	TMS	2	17.0	29.0
JAPAN GALANTHUS	JCPC	18	AN	ALC	S	P	S	C		A	TMS	2	38.0	50.0
JAPAN GRAN	JMXQ	30	AN	ALC	S	P	S	C		A	MS	2	17.0	26.0
JAPAN HOLLY	JGSK	30	AN	MER	S	P	S	C		A	TMS	2	15.0	33.0
JAPAN HYACINTH	JMYP	18	AN	MER	S	P	S	C		A	MS	2	30.0	42.0
JAPAN JASMIN	JFZD	18	AN	ALC	S	P	S	C		A	MS	2	32.0	46.0
JAPAN JUNIPER	JKIL	30	AN	ALC	S	P	S	C		A	MS	2	22.0	32.0
JAPAN KAURI	JNJV	3	AN	ALC	S	P	S	C		A	TMS	2	14.0	26.0

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JAPAN LILAC	JJNI	18	AN	ALC	S	P	S	C	A	MS	2	30.0	42.0	
JAPAN LILY	JPNS	18	AN	ALC	S	P	S	C	A	MS	2	21.0	32.0	
JAPAN LINDEN	JHOX	2	AN	MER	S	P	S	C	A	MS	2	21.0	34.0	
JAPAN MAGNOLIA	JGBP	22	AN	ALC	S	P	S	C	A	MS	2	27.0	40.0	
JAPAN MAPLE	JFMC	28	AN	ALC	S	P	S	C	A	TMS	2	21.0	36.0	
JAPAN MARGUERITE	JEFD	18	AN	ALC	S	P	S	C	A	TMS	2	38.0	50.0	
JAPAN OAK	JNNB	8	AN	ALC	S	P	S	C	A	MS	2	23.0	35.0	
JAPAN OLIVE	JCQT	23	AN	ALC	S	P	S	C	A	TMS	2	27.0		
JAPAN PINE	JPFR	30	AN	ALC	S	P	S	C	A	MS	2	24.0	34.0	
JAPAN POPLAR	JCDK	28	AN	ALC	S	P	S	C	A	TMS	2	24.0	41.0	
JAPAN RIMU	JFKW	3	AN	ALC	S	P	S	C	A	MS	2	22.0	32.0	
JAPAN ROBLE	JDAY	7	AN	ALC	S	P	S	C	A	TMS	2	16.0	31.0	
JAPAN ROSE	JPEW	8	AN	ALC	S	P	S	C	A	MS	2	25.0	35.0	
JAPAN TOTARA	JHJN	3	AN	ALC	S	P	S	C	A	MS	2	22.0	32.0	
JAPAN WISTERIA	JPOJ	8	AN	ALC	S	P	S	C	A	MS	2	23.0	34.0	
JINKO MARU	JPWO	30	AN	ALC	S	P	S	C	A	TMS	3	23.0	35.0	
JOYAMA MARU	JPXI	18	AN	ALC	S	P	S	C	SS	MAX MIN A	MS	2	22.0	34.0
JUKO MARU	JJLG	30	AN	MER	ALC	S	P	S	C	A	TMS	2		
JUNEAU MARU	JGAD	6	AN	MER	S	P	S	C	HA	MS	2	20.0		
JUZAN MARU	JMHN	30	AN	ALC	S	P	S	C	HA	MS	2	15.0		
K.D.D. MARU	JGOC	28	AN	ALC	S	P	S	BU	OS SS	MAX MIN A	TMS	3	13.0	22.0
KAGA MARU	JFJK	8	AN	ALC	S	P	S	BU	MAX MIN A	TMS	2	17.0	25.0	
KAI MARU	JNBM	8	AN	ALC	S	P	S	C	A	TMS	2	30.0	29.0	
KAIEI MARU	JNOU	24	AN	MER	S	P	S	C	A	TMS	2	19.0	34.0	
KAIEN MARU	JARI	18	AN	MER	S	P	S	C	A	TMS	2	31.0	44.0	
KAIKO MARU	JJCL	28	AN	MER	ALC	S	P	S	C	A	TMS	2	24.0	34.0
KAIMON MARU	JEUI	18	AN	MER	S	P	S	C	MAX MIN A	TMS	2	32.0	45.0	
KAKO MARU	JFSN	30	AN	ALC	S	P	S	C	A	TMS	2	19.0	31.0	
KAKUHE MARU	JHRF	18	AN	ALC	S	P	S	C	SS	A	TMS	2	10.0	26.0

## JAPAN

KAKUSEI MARU	JPZZ	11	AN	ALC	S	P	S	BU		HA	TMS	1	14.0	16.0
KAMAKURA MARU	JKQN	8	AN	MER	VS	P	VS	C		MAX A	TMS	2	20.0	38.0
KAMO MARU	JCHJ	28	AN	ALC	S	P	S	C		MAX MIN HA A	TMS	2	15.0	33.0
KAMOHARU MARU	JNCY	14	AN	ALC	S	P	S	C		MAX MIN HA	TMS	2	14.0	
KANAGAWA MARU	JAZI	30	AN	MER	S	P	S	C		A	TMS	2	18.0	29.0
KANAYAMA MARU	JCMT	18	AN	ALC	S	P	S	BU C	SS	A	TMS	2	23.0	33.0
KASAGISAN MARU	JBMQ	3,23	AN	MER	S	P	S	C		A	TMS	2	26.0	41.0
KASEI MARU	JMES	11	AN	MER	ALC	S	P	S	C	A	TMS	1	14.0	26.0
KASHIMA MARU	JDWE	30	AN	ALC	S	P	S	C		A	TMS	2	19.0	46.0
KASHU MARU	JJLL	30	AN	MER	S	P	S	C		MAX MIN A	TMS	2	19.0	25.0
KASUGA MARU	JNGX	18	AN	ALC	S	P	S	C		MAX MIN A	TMS	2	25.0	35.0
KASUGA MARU	JETB	18	AN	ALC	S	P	S	C		A	TMS	2	13.0	22.0
KASUGAI MARU	JCVS	30	AN	ALC	S	P	S	BU C	SS	A	MS	2	23.0	33.0
KASUGASAN MARU	JKKV	14	AN	ALC	S	P	S	C		A	TMS	2	13.0	21.0
KATSURA MARU	JGRE	28	AN	ALC	VS	P	VS	C		A	MS	2	14.0	21.0
KAWACHI MARU	JGDN	8	AN	ALC	S	P	S	C		A	TMS	2	15.0	26.0
KENAN MARU	JGAP	3	AN	ALC	S	P	S	BU		A	MS	2	15.0	25.0
KIBI MARU	JHVD	18	AN	MER	S	P	S	C		A	MS	2	16.0	30.0
KIEFU MARU	JQNL	5,18	AN	ALC	S	P	S	C		A	TMS	2	25.0	35.0
KIHO MARU	JEIO	18	AN	ALC	S	P	S	C	SS	A	TMS	2	14.0	42.0
KII MARU	JMZH	8	AN	ALC	S	P	S	BU		A	TMS	2	16.0	24.0
KIKUKO MARU	JQYT	30	AN	ALC	S	P	S	C		A	MS	2	16.0	25.0
KIMI MARU	JPLN	20	AN	MER	S	P	S	C		A	TMS	2	21.0	33.0
KIMITSUSAN MARU	JPAN	18,23	AN	ALC	S	P	S	C		A	TMS	2	23.0	35.0
KINKASAN MARU	JQPD	6	AN	ALC	S	P	S	C		A	TMS	2	13.0	21.0
KINKO MARU	JJNY	30	AN	MER	ALC	S	P	S	C	A	TMS	2		
KINSEY MARU	JEYF	11	AN	MER	ALC	S	P	S	C	A	TMS	1	13.0	25.0

## JAPAN

KINYO MARU	JMXT	30	AN	ALC	S	P	S	C	SS	A	TMS	2	15.0	30.0
KIRISHIMA MARU	JMZG	18	AN	MER	S	P	S	C		A	TMS	3	23.0	35.0
KISHU MARU	JKEV	2	AN	ALC	S	P	S	C		A	TMS	2	20.0	25.0
KISOGAWA MARU	JQAW	18	AN	ALC	S	P	S	C	SS	A	TMS	2	26.0	40.0
KOBU MARU	JGVR	6	AN	ALC	S	P	S	C		A	MS	2	15.0	25.0
KOCHU MARU	JHQK	8	AN	ALC	S	P	S	C		A	MS	2	15.0	25.0
KOEI MARU	JAFI	18	AN	ALC	S	P	S	C		A	MS	2	18.0	29.0
KOGAKU MARU	JMPG	30	AN	ALC	S	P	S	C		A	MS	2	11.0	22.0
KOHFUKUSAN MARU	JLGJ	8,18	AN	ALC	S	P	S	BU		A	TMS	2	22.0	37.0
KOHO MARU	JDTD	18	AN	ALC	S	P	S	C	SS	A	TMS	2	14.0	41.0
KOHO MARU	JJUQ	3,30	AN	ALC	S	P	S	C		A	TMS	2	15.0	25.0
KOHOH MARU	JGJY	14	AN	ALC	S	P	S	C		A	MS	2	15.0	25.0
KOKUSAI MARU NO.2	JQSC	30	AN	ALC	S	P	S	C BU		A	MS	2	16.0	27.0
KORAI MARU	JBDK	28	AN	ALC	S	P	S	C		HA A	TMS	2	15.0	20.0
KOSEI MARU	JMLL	8	AN	ALC	S	P	S	C		A	MS	2	15.0	25.0
KOSHO MARU	JJFD	3	AN	MER	S	P	S	C		A	MS	2	16.0	21.0
KOSOH MARU	JNIH	8	AN	ALC	S	P	S	C		A	MS	2	15.0	25.0
KOTEI MARU	JJHN	7	AN	ALC	S	P	S	C		A	MS	2	15.0	26.0
KOYO MARU	JFCP	13	AN	MER	S	P	S	C		HA	MS	2	16.0	
KUMANO MARU	JFQG	18	AN	ALC	S	P	S	C		MAX MIN A	TMS	2	16.0	35.0
KUNIMISAN MARU	JGXU	3,23	AN	ALC	S	P	S	BU		MAX MIN A	TMS	2	25.0	36.0
KURE MARU	JRAL	30	AN	ALC	S	P	S	C		A	MS	2	16.0	30.0
KUSUNCKI MARU	JEAP	28	AN	ALC	VS	P	VS	C		A	TMS	2	19.0	31.0
KYOEI MARU	JBZI	18	AN	ALC	S	P	S	C	SS	ST A	TMS	2	29.0	43.0
KYOKKO MARU	JBVP	28	AN	MER	ELE	A	P	A BU C	SS	ST A	MS	3		
KYOKUSEI MARU	JCQB	28	AN	MER	A	P	A	BU C	SS	ST A	TMS	5		
KYOKUYO MARU NO. 3	JQXZ	28	AN	MER	A	P	A	BU C	SS	ST A	MS	5		
KYOKUYO MARU NO.2	JDAR	28	AN	MER	SL	P	SL	BU	OS	ST A	MS	2		

## JAPAN

KYOMEI MARU	JQYH	27	AN	ALC	S	P	S	BU		A	TMS	2	14.0	20.0
KYUSEI MARU	JPJR	11	AN	MER	ALC	S	P	S	C	A	TMS	2	15.0	28.0
KYUSHU MARU	JGMA	13	AN	MER		S	P	S	C	A	TMS	2	17.0	30.0
LAPLATA MARU	JJVC	29	AN	MER		S	P	S	BU	A	TMS	2	13.0	20.0
LIVERPOOL MARU	JCTG	11, 12	AN	ALC		S	P	S	BU	HA	MS	2	18.0	
LONDON MARU	JDEE	3	AN	ALC		S	P	S	C	SS HA	MS	2		
MALAY MARU	JIIO	22	AN	ALC		S	P	S	BU	A	MS	2	12.0	18.0
MANHATTAN MARU	JLWX	14	AN	ALC		S	P	S	C	A	TMS	2	13.0	20.0
MANILA MARU	JEDM	22	AN	ALC		S	P	S	BU	A	TMS	2	16.0	24.0
MANJUSAN MARU	JDBS	2	AN	ALC		S	P	S	BU	A	TMS	2	14.0	22.0
MARUSUMI MARU	JIVA	30	AN	ALC		S	P	S	BU	HA A	MS	2	19.0	31.0
MATSOCOSAN MARU	JHPI	8	AN	ALC		S	P	S	BU	A	TMS	2	14.0	23.0
MAYASAN MARU	JEFV	2	AN	MER	ALC	S	P	S	BU	MAX MIN A	TMS	2	14.0	23.0
MEGURCSAN MARU	JKBN	8	AN	MER	ALC	S	P	S	BU	MAX MIN A	TMS	2	14.0	23.0
MEIJI MARU	JENH	28	AN	MER	ALC	S	P	S	C	MAX MIN HA A	TMS	2	16.0	32.0
MEISHUN MARU	JDHT	30	AN	ALC		S	P	S	C	MAX MIN A	TMS	2	16.0	25.0
MEXICO MARU	JARE	23	AN	ALC		S	P	S	BU	A	TMS	2	15.0	25.0
MIFUNESAN MARU	JEHU	2	AN	ALC		S	P	S	BU	A	TMS	2	24.0	37.0
MIKAGESAN MARU	JQYE	6, 14	AN	ALC		S	P	S	BU	A	TMS	2	14.0	22.0
MIKISHIMA MARU	JAGD	6	AN	MER		S	P	S	C	SS MAX MIN A	TMS	2	15.0	20.0
MIKUNI MARU	JNKB	11	AN	MER		S	P	S	BU	SS ST A	MS	2	12.0	15.0
MINETAMA MARU	JINJ	6, 30	AN	MER		S	P	S	BU	MAX MIN A	MS	2	20.0	27.0
MISSISSIPPI MARU	JHQH	29	AN	ALC		S	P	S	C	MAX MIN A	TMS	2	14.0	24.0
MITSUMINESAN MARU	JDZO	18	AN	MER		S	P	S	C	A	TMS	2	33.0	46.0
MIYAGI MARU	JFZM	30	AN	ALC		S	P	S	BU	MAX MIN HA	MS	2	17.0	

## JAPAN

MOGAMISAN MARU	JNUR	7	AN	ALC	S	P	S	BU		A	TMS	2	14.0	22.0		
MOKUSEI MARU	JQKA	3	AN	ALC	S	P	S	C		HA	MS	2	10.0			
MOMIJISAN MARU	JEWI	8	AN	MER	S	P	S	C		MAX MIN A	TMS	2	15.0	19.0		
MONT BLANC MARU	JJZX	11	AN	ALC	S	P	S	C	SS	A	TMS	2	15.0	27.0		
MONTEVIDEO MARU	JRDU	14	AN	ALC	S	P	S	BU		MAX MIN A	TMS	2	14.0	20.0		
MONTREAL MARU	JJDX	6,8,27	AN	ALC	S	P	S	C		A	MS	2	16.0	28.0		
MUSASHISAN MARU	JMNR	8	AN	ALC	S	P	S	BU		MAX MIN A	TMS	2	14.0	21.0		
MUTSU MARU	JGGP	28	AN	ALC	S	P	S	C		A	TMS	2	20.0	33.0		
MYOKO MARU	JBCY	18	AN	ALC	S	P	S	C		A	TMS	2	15.0	23.0		
NAGARA MARU	JKCM	3	AN	ALC	S	P	S	BU		A	MS	2	17.0	26.0		
NAGATO MARU	JBQS	17,18	AN	ALC	S	P	S	BU		A	TMS	2	15.0	23.0		
NANSEI MARU	JDIA	11	AN	MER	ALC	S	P	S	C	A	TMS	2	14.0	26.0		
NICHIGO MARU	JHDQ	3	AN	ALC	S	P	S	C		A	MS	2	17.0	26.0		
NICHIRIN MARU	JCGH	28	AN	ALC	S	P	S	BU		A	TMS	2	18.0	34.0		
NIIHAPA MARU	JCAD	3	AN	ALC	S	P	S	C	OS	A	TMS	2	17.0	21.0		
NIIZURU MARU	JCZU	28	AN	ALC	S	P	S	C		MAX MIN A	TMS	2	26.0	39.0		
NIKKEI MARU NO. 3	JIXF	3	AN	ALC	VS	P	VS	BU		A	MS	2	15.0	23.0		
NIKKO MARU	JGKV	18	AN	ALC	S	P	S	BU		A	MS	2	29.0	34.0		
NILE MARU	JBKQ	22	AN	MER	S	P	S	C		A	TMS	2	17.0	33.0		
NIPPO MARU	JCFH	13	AN	MER	S	P	S	BU		A	MS	2	17.0	28.0		
NIPPON MARU	JNCT	18	AN	ALC	ELE	S	SL	P	S	C	SS	A	TMS	2	23.0	30.0
NITTA MARU	JBPU	11	AN	ALC	S	P	S	C		A	TMS	2	20.0	35.0		
NODA WOOD MARU NO. 2	JNQE	11,19	AN	MER	S	P	S	C		HA	TMS	1	14.0			
NORFOLK MARU	JIFR	14	AN	ALC	S	P	S	BU	C	MAX MIN A	TMS	2	14.0	23.0		
NOTO MARU	JFNB	22	AN	ALC	S	P	S	BU		MAX MIN A	TMS	2	17.0	29.0		
OCEANIA MARU	JKCG	18	AN	MER	VS	P	VS	BU		A	TMS	2	16.0	20.0		
ODESSA MARU	JQGS	8,18	AN	MER	S	P	S	C		A	TMS	2	24.0	33.0		

## JAPAN

OIGAWA MARU	JDRS	18	AN	ALC	S	P	S	BU		MAX MIN A	TMS	2	24.0	30.0
OKADA MARU	JFGI	3	AN	ALC	S	P	S	BU		A	TMS	2	22.0	36.0
OKINOSHIMA MARU	JCOW	18	AN	ALC	S	P	S	C	SS	A	TMS	2	27.0	41.0
ONOE MARU	JGFB	23	AN	ALC	S	P	S	C		A	TMS	2	22.0	27.0
ONOMICHI MARU	JPWB	28	AN	ALC	S	P	S	C		A	TMS	2	14.0	30.0
OPPAMA MARU	JJVE	30	AN	ALC	S	P	S	C		A	TMS	2	17.0	23.0
OREGON MARU	JFBG	30	AN	ALC	S	P	S	C		A	TMS	2	23.0	36.0
ORION MARU	JFPH	18	AN	MER	S	P	S	BU		MAX MIN A	TMS	2	14.0	27.0
OSHIMA MARU	JGMR	27	AN	ALC	S	P	S	C	SS	MAX MIN A	TMS	2	15.0	20.0
OSUMI MARU	JHQE	28	AN	MER	S	P	S	C		A	TMS	2	22.0	35.0
PERU MARU	JMYF	22	AN	ALC	S	P	S	C		A	TMS	2	10.0	28.0
PHILIPPINE MARU	JJTI	27	AN	ALC	S	P	S	BU		MAX MIN A	TMS	2	15.0	24.0
PORT LATTA MARU	JEEV	3,22,23	AN	ALC	S	P	S	C		A	TMS	2	22.0	34.0
RECIFE MARU	JMCI	3	AN	MER	S	P	S	C		A	TMS	2	15.0	27.0
RICHIMOND MARU	JRNT	14	AN	ALC	S	P	S	C		A	TMS	2	15.0	25.0
RINSEI MARU	JJID	3	AN	ALC	S	P	S	C		MAX MIN HA	TMS	3	13.0	
RIO DE JANEIRO MARU	JJDQ	3	AN	MER	S	P	S	C		A	TMS	2	15.0	26.0
RIO GRANDE MARU	JLXV	23	AN	MER	S	P	S	C		MAX MIN A	TMS	2	15.0	23.0
RITSUEI MARU	JEWK	18	AN	ALC	S	P	S	BU C	SS	A	MS	2	23.0	33.0
RIYADH MARU	JKEN	18	AN	ALC	S	P	S	C		A	TMS	2	14.0	25.0
RIYO MARU	JQKP	18	AN	MER	S	P	S	C	SS	A	MS	2	14.0	16.0
ROCKY MARU	JPVY	30	AN	ALC	S	P	S	C		A	MS	2	16.0	28.0
ROSARIO MARU	JJAN	23	AN	MER	S	P	S	C		A	TMS	2	15.0	26.0
RYOKKO MARU	JFQA	30	AN	MER ALC	S	P	S	C		A	TMS	2		
RYUEI MARU	JBTE	18	AN	ALC	S	P	S	C		A	MS	2	15.0	25.0
RYUYO MARU	JMCY	13	AN	MER	S	P	S	C		A	TMS	2	18.0	27.0
RYUYO MARU	JBCE	30	AN	ALC	S	P	S	C		HA	MS	2	15.0	

## JAPAN

SACHIKAZE MARU	JKSY	9	AN	ALC	S	P	S	C	SS	A	TMS	1	11.0	22.0
SACRAMENTO MARU	JMCG	14	AN	ALC	S	P	S	C		A	TMS	2	17.0	27.0
SADO MARU	JQEU	22	AN	ALC	S	P	S	BU		A	MS	2	10.0	15.0
SADOHARU MARU	JAHI	14,27	AN	ALC	S	P	S	C		MAX MIN A	TMS	2	13.0	26.0
SAGA MARU	JFRG	8	AN	ALC	S	P	S	BU		A	TMS	2	15.0	22.0
SAGAMI MARU	JJGF	28	AN	ALC	S	P	S	BU		MAX MIN A	TMS	2	15.0	20.0
SAGANCSEKI MARU	JKST	13	AN	ALC	S	P	S	BU	SS	A	TMS	2	23.0	29.0
SAIKYO MARU	JFJR	29	AN	ALC	S	P	S	BU		A	TMS	2	15.0	25.0
SAISEI MARU	JDFJ	11	AN	MER	ALC	S	P	S	C	A	MS	2	14.0	26.0
SAITAMA MARU	JFWG	14	AN	ALC	S	P	S	BU		MAX MIN A	MS	2	16.0	20.0
SAN FRANCISCO MARU	JMAR	14	AN	ELE	ALC	S	P	S	C	ST A	TMS	2	16.0	20.0
SAN MARTIN MARU	JQHF	28	AN	ALC	VS	P	VS	C		A	TMS	2	16.0	23.0
SANSEI MARU	JLTS	11	AN	MER	ALC	S	P	S	C	A	MS	1	14.0	26.0
SANTIAGO MARU	JEXY	3	AN	ALC	S	P	S	BU		A	TMS	2	19.0	23.0
SANUKI MARU	JJFI	14	AN	ALC	S	P	S	BU		A	TMS	2	16.0	24.0
SAPPORO MARU	JJPL	23	AN	MER	ALC	S	P	S	BU	MAX MIN ST A	TMS	2	16.0	24.0
SATSUMA MARU	JQDM	14	AN	ALC	S	P	S	BU		MAX MIN A	TMS	2	15.0	23.0
SAVANNAH MARU	JMCX	14	AN	ALC	S	P	S	C		A	TMS	2	19.0	28.0
SEATTLE MARU	JCHX	7	AN	ALC	S	P	S	BU		MAX MIN A	TMS	2	13.0	23.0
SEIHO MARU	JPBC	18	AN	ALC	S	P	S	C	SS	A	TMS	2	12.0	39.0
SEIHO MARU	JENU	30	AN	ALC	S	P	S	BU		A	TMS	2	14.0	19.0
SEIKAI MARU	JGEK	22	AN	ALC	S	P	S	C	SS	A	MS	2	14.0	24.0
SEIKO MARU	JJVK	18	AN	MER	ALC	S	P	S	C	A	TMS	2	24.0	36.0
SEIRYU MARU	JJST	3	AN	ALC	S	P	S	C		HA A	MS	2	17.0	30.0
SEMATHAN MARU	JGPP	3,11	AN	ALC	S	P	S	BU		HA	TMS	2	14.0	

## JAPAN

SETTSU MARU	JHVU	2	AN	ALC	S	P	S	BU		MAX MIN A	TMS 2	15.0	24.0
SHIGA MARU	JEAN	8	AN	ALC	S	P	S	BU		A	TMS 2	16.0	24.0
SHIGAHARU MARU	JFHF	14	AN	ALC	S	P	S	C		HA	TMS 2	13.0	
SHIKISHIMA MARU	JQRU	9	AN	MER	S	P	S	C	SS	A	TMS 4	15.0	27.0
SHIMANE MARU	JMLN	29	AN	ALC	S	P	S	BU		A	TMS 2	15.0	20.0
SHIN OSAKA MARU	JRTK	18	AN	MER	S	P	S	C		MAX MIN A	TMS 2	28.0	40.0
SHINHO MARU	JLQA	18	AN	ALC	S	P	S	C	SS	A	TMS 2	20.0	31.0
SHINJITSU MARU NO. 3	JDQV	11	AN	ALC	VS	P	VS	C		A	TMS 2	13.0	27.0
SHINJITSU MARU NO. 5	JDUW	11	AN	ALC	VS	P	VS	C		A	TMS 2	13.0	27.0
SHINKO MARU	JQVJ	30	AN	ALC	S	P	S	C		MAX MIN A	TMS 2	16.0	28.0
SHINKYOKU MARU	JNRI	3	AN	ALC	S	P	S	C		A	TMS 2	20.0	40.0
SHINRYU MARU	JCCW	29	AN	ALC	S	P	S	C	SS	MAX MIN A	TMS 2	30.0	40.0
SHINWA MARU	JMRS	22	AN	ALC	S	P	S	C	SS	A	TMS 2	20.0	28.0
SHINYO MARU	JETR	30	AN	ALC	S	P	S	C		A	MS 2	20.0	35.0
SHINZAN MARU	JHBA	3,22	AN	MER ALC	S	P	S	C		A	TMS 2	17.0	20.0
SHIZUCKA MARU	JKEG	8	AN	MER	S	P	S	BU		MAX MIN A	TMS 2	11.0	14.0
SHOKYU MARU	JNJY	30	AN	MER	S	P	S	C	SS	A	TMS 2	16.0	28.0
SHORYU MARU	JEAE	30	AN	MER	S	P	S	C		A	TMS 2	15.0	20.0
SHOSEI MARU	BJZR	11	AN	MER ALC	S	P	S	C		A	TMS 1	14.0	26.0
SHOZUI MARU	JDWV	3,6	AN	ALC	S	P	S	C	SS	A	MS 2	23.0	35.0
SHUKO MARU	JBRC	30	AN	MER ALC	S	P	S	C		A	TMS 2		
SHUNSEI MARU	JBZO	11	AN	MER ALC	S	P	S	C		A	TMS 2	14.0	26.0
SHUSEI MARU	JDUT	11	AN	MER ALC	S	P	S	C		A	TMS 2	14.0	26.0
SINGAPORE MARU	JJIV	21	AN	ALC	S	P	S	C		A	MS 2	17.0	27.0
SPAIN MARU	JIYP	14	AN	ALC	S	P	S	C		MAX MIN A	TMS 2	16.0	29.0

## JAPAN

SPRUCE	JEHR	28	AN	ALC	S	P	S	C		A	TMS	2	15.0	27.0
ST. LAWRENCE MARU	JIXE	30	AN	MER ALC	S	P	S	C		A	TMS	2	16.0	26.0
ST. LOUIS MARU	JLBE	14	AN	MER	S	P	S	BU		A	TMS	2	24.0	30.0
SUEZ MARU	JDGC	3	AN	ALC	S	P	S	BU		A	TMS	2	15.0	20.0
SUISEI MARU	JLSA	16, 19	AN	ALC	S	P	S	C		HA	TMS	2	10.0	
SUMAURA MARU	JEIB	3, 22	AN	ALC	S	P	S	C	SS	MAX MIN A	MS	2	22.0	35.0
SUMIDA MARU	JHWX	8	AN	ALC	S	P	S	BU		A	TMS	2	14.0	24.0
SURUGA MARU	JHWJ	14	AN	ALC	S	P	S	BU		A	TMS	2	14.0	18.0
SUZUKAWA MARU	JJCD	30	AN	MER	S	P	S	C		A	TMS	2	25.0	35.0
SWEDEN MARU	JPDE	3	AN	MER	S	P	S	BU		A	TMS	2	13.0	22.0
TACOMA MARU	JDMI	14	AN	ALC	S	P	S	C		MAX MIN A	TMS	2	15.0	23.0
TAGAHARU MARU	JMNU	14	AN	MER	S	P	S	C		MAX MIN HA	TMS	2	14.0	
TAIHO MARU	JQDO	18	AN	ALC	S	P	S	C	SS	A	TMS	2	10.0	26.0
TAIKOHSAN MARU	JACS	18	AN	ALC	S	P	S	C		A	TMS	2	19.0	31.0
TAIO MARU	JATN	30	AN	ALC	S	P	S	C		A	TMS	2	16.0	25.0
TAIZAN MARU	JHTM	30	AN	ALC	S	P	S	C	SS	MAX MIN A	MS	2	16.0	28.0
TAJIMA MARU	JJLC	30	AN	ALC	S	P	S	C		HA A	TMS	2	15.0	31.0
TAKACHINO MARU	JJII	18	AN	ALC	VS	P	VS	C		MAX MIN A	TMS	2	31.0	46.0
TAKAMATSU MARU	JQFN	18	AN	ALC	S	P	S	C		A	MS	2	23.0	33.0
TAKAMINE MARU	JFNP	28	AN	ALC	S	P	S	C		A HA	TMS	2	30.0	38.0
TAKAOKA MARU	JBYL	18	AN	ALC	S	P	S	C		A	TMS	2	30.0	38.0
TAKAOSAN MARU	JKXC	18	AN	ALC	S	P	S	BU		A	TMS	2	19.0	31.0
TAKUYO MARU	JNDK	28	AN	MER	S	P	S	C		MAX MIN A	TMS	2	16.0	24.0
TAMA MARU	JGXY	30	AN	MER ALC	S	P	S	BU		A	TMS	2	20.0	30.0
TANEA MARU	JQFJ	30	AN	ALC	S	P	S	C		A RG	TMS	3	16.0	23.0

## JAPAN

TANGO MARU	JRPN	18	AN	MER	S	P	S	C		A	TMS	2	15.0	28.0
TASHIMA MARU	JMTM	18	AN	ALC	S	P	S	BU		A	TMS	2	27.0	33.0
TASMAN MARU	JLKK	3,18	AN	ALC	S	P	S	BU		A	TMS	2	23.0	34.0
TATSUNO MARU	JGUS	18	AN	MER	S	P	S	C	SS	A	TMS	2	19.0	29.0
TATSUTASAN MARU	JGOB	18	AN	ALC	S	P	S	BU		A	TMS	2	19.0	31.0
TEGURASAN MARU	JPLY	18	AN	ALC	S	P	S	C		A	TMS	2	30.0	43.0
TENKAI MARU	JBSM	30	AN	MER	S	P	S	C		A	TMS	2	13.0	
TENKO MARU	JRWY	18	AN	MER ALC	S	P	S	C		A	TMS	2	28.0	42.0
TENRYUSAN MARU	JGJL	18	AN	ALC	S	P	S	BU		A	TMS	2	19.0	30.0
TERUKUNI MARU	JCEL	18	AN	ALC	S	P	S	C		A	TMS	2	29.0	46.0
TETSUHO MARU	JLSI	11,30	AN	MER	S	P	S	C	SS	MAX MIN A	TMS	2	15.0	32.0
TETSUKUNI MARU	JJPE	28	AN	ALC	VS	P	VS	C	SS	A	TMS	2	12.0	23.0
TETSUZAN MARU	JFRO	11	AN	MER	S	P	S	C	SS	MAX MIN HA	TMS	2	16.0	
TETSUZUI MARU	JCYK	3,6	AN	ALC	S	P	S	C	SS	MAX MIN A	TMS	2	21.0	28.0
THAMES MARU	JHJV	28	AN	ALC	S	P	S	C		A	TMS	2	18.0	36.0
TIGRIS MARU	JMHI	18	AN	MER	S	P	S	C		MAX MIN A	TMS	2	16.0	21.0
TOBA MARU	JMML	18	AN	ALC	S	P	S	BU		A	TMS	2	26.0	41.0
TOBATA MARU	JMWL	11	AN	ALC	S	P	S	C		HA	TMS	2	15.0	
TOCHIGI MARU	JECN	30	AN	ALC	S	P	S	BU		A	TMS	2	19.0	26.0
TOHGO MARU	JCBN	3	AN	ALC	S	P	S	C		A	TMS	2	22.0	32.0
TOHKOHSAN MARU	JLFW	18	AN	ALC	S	P	S	C		MAX MIN A	TMS	2	28.0	41.0
TOHO MARU	JCOF	18	AN	MER	S	P	S	C	OS	A	TMS	2	35.0	42.0
TOHOKU MARU	JGRB	30	AN	MER	S	P	S	C		MAX MIN A	TMS	2	26.0	29.0
TOKIWASAN MARU	JJOP	18	AN	ALC	S	P	S	C		A	TMS	2	19.0	31.0
TOKO MARU	JJYU	8,18	AN	ALC	S	P	S	C		A	TMS	2	24.0	36.0
TOKUSHIMA MARU	JPUU	18	MER	ALC	S	P	S	BU		A	TMS	2	28.0	38.0
TOMIURA MARU	JDLX	11	AN	MER	S	P	S	BU		A	MS	2	16.0	22.0

## JAPAN

TONAMI MARU	JEEL	28	AN	ALC	S	P	S	C		HA	TMS	2	26.0	
TOSA MARU	JQJL	11	AN	ALC	S	P	S	BU		A	TMS	2	23.0	27.0
TOSEI MARU	JNNC	11	AN	MER	ALC	S	P	S	C	A	TMS	1	15.0	28.0
TOYAMA MARU	JDVW	18	AN	ALC	S	P	S	C		A	TMS	2	26.0	40.0
TOYUSU MARU	JFWP	18	AN	ALC	S	P	S	C	SS	A	TMS	2	18.0	28.0
TOYOTA MARU NO. 12	JBBO	30	AN	ALC	S	P	S	BU		A	TMS	2	18.0	28.0
TOYOTA MARU NO. 15	JGJB	30	AN	MER	S	P	S	C		A	TMS	2	21.0	34.0
TOYOTA MARU NO. 5	JEBF	30	AN	ALC	VS	P	VS	BU		A	MS	2	17.0	26.0
TOYOTA MARU NO.6	JFZR	30	AN	ALC	VS	P	VS	BU		A	MS	2	17.0	26.0
TOZUI MARU	JBUY	28	AN	ALC	S	P	S	C	SS	A	TMS	2	20.0	30.0
TSUBAME MARU	JQNJ	18	AN	ALC	S	P	S	C		HA A	TMS	2	15.0	21.0
TSUBAME MARU NO. 2	JQSV	18	AN	ALC	S	P	S	C	SS	A	MS	2	15.0	18.0
TSUGARU MARU	JECR	28	AN	MER	S	P	S	C	SS	A	MS	2	23.0	38.0
TSUKUSHI MARU	JGPT	8,18,23	AN	ALC	S	P	S	BU C	SS	A	MS	2	23.0	33.0
TSURUGA MARU	JCTO	8,18	AN	ALC	VS	P	VS	C	SS	A	TMS	2	25.0	36.0
TUBARAO MARU	JKLW	18,23	AN	ALC	S	P	S	BU		A	TMS	2	18.0	30.0
UDO MARU	JHOH	11	AN	MER	S	P	S	BU		HA	MS	2	13.0	
VICTORIA MARU	JDPF	5	AN	ALC	S	P	S	BU		MAX MIN A	S	2	14.0	20.0
VOLGA MARU	JQCB	8,18	AN	MER	S	P	S	C		MAX MIN A	TMS	2	22.0	33.0
WAKAHATA MARU	JNRD	3,23	AN	ALC	S	P	S	C		MAX MIN A	TMS	2	24.0	34.0
WAKAKUSA MARU	JKGS	21	AN	ALC	S	P	S	C		A	TMS	2	15.0	36.0
WAKAMATSU MARU	JHDS	11	AN	ALC	S	P	S	BU		A	TMS	2	13.0	22.0
WAKAOSAN MARU	JJHV	30	AN	MER	VS	P	VS	BU C	SS	A	MS	2	15.0	18.0
WAKASLGISAN MARU	JAGU	30	AN	ALC	S	P	S	C		A	TMS	2	15.0	28.0
WAKATO MARU	JHZM	11	AN	ALC	S	P	S	BU		A	TMS	2	14.0	20.0
WAKATOSAN MARU	JJSP	6,30	AN	ALC	S	P	S	BU		A	TMS	2	16.0	25.0
WAKAUME MARU	JBJA	27	AN	ALC	S	P	S	C		MAX MIN A	TMS	2	16.0	31.0
WAKAURA MARU	JMBE	3	AN	ALC	S	P	S	BU		MAX MIN A	TMS	2	18.0	32.0

## JAPAN

WAKAYAMA MARU	JQAN	3	AN	MER	S	P	S	C		A	MS	2	20.0	25.0
WALES MARU	JFUF	8	AN	MER	S	P	S	C		MAX MIN A	TMS	2	20.0	33.0
WOKO MARU	JJLW	30	AN	MER	S	P	S	C		MAX MIN A	TMS	2	15.0	27.0
WRANGELL MARU	JGYN	6	AN	MER	S	P	S	C		MAX MIN HA	TMS	2	19.0	
YACHIYOSAN MARU	JBAL	3,23	AN	MER	S	P	S	C		A	TMS	2	26.0	39.0
YAKUMCKAWA MARU	JJAK	28	AN	ALC	S	P	S	C		A	TMS	2	23.0	29.0
YAKUMOSAN MARU	JKBV	3,30	AN	ALC	S	P	S	C		A	TMS	2	19.0	34.0
YAMAASA MARU	JMIS	11	AN	ALC	S	P	S	BU C		HA	MS	2	6.0	
YAMAGATA MARU	JIDT	8	AN	ALC	S	P	S	BU		A	TMS	2	17.0	24.0
YAMAGUCHI MARU	JHJI	8	AN	MER	S	P	S	BU		A MIN	TMS	2	17.0	25.0
YAMAJU MARU	JIHO	18	AN	ALC	S	P	S	C		A	TMS	2	30.0	40.0
YAMAKIMI MARU	JKEB	14	AN	ALC	S	P	S	C		HA	MS	2	13.0	
YAMAMIYA MARU	JLCR	28	AN	ALC	S	P	S	C		HA	MS	2	5.0	
YAMANASHI MARU	JRXA	8	AN	ALC	S	P	S	C		A	TMS	2	17.0	26.0
YAMASHIRO MARU	JGDL	8	AN	ALC	S	P	S	BU		A	MS	2	17.0	25.0
YAMATO MARU	JHCU	28	AN	ALC	S	P	S	C		A	TMS	2	17.0	28.0
YAMATOGAWA MARU	JGRG	18	AN	ALC	S	P	S	C	SS	MAX MIN A	TMS	2	20.0	35.0
YAMAWAKA MARU	JDKS	14,27	AN	ALC	S	P	S	C		MAX MIN HA	TMS	2	14.0	
YANAGI MARU	JEOK	3,11	AN	ALC	S	P	S	C		A	TMS	2	14.0	20.0
YASHIMASAN MARU	JLTO	3,30	AN	ALC	S	P	S	C		A	TMS	2	21.0	35.0
YAWATA MARU	JMUB	28	AN	ALC	VS	P	VS	C	SS	A	TMS	2	20.0	25.0
YAWATASAN MARU	JEED	11	AN	MER	S	P	S	C		A HA	MS	2	19.0	29.0
YOHO MARU	JPIO	18	AN	ALC	S	P	S	C	SS	A	TMS	2	12.0	36.0
YOKO MARU	JOHH	3,11	AN	ALC	S	P	S	C		HA	MS	2	16.0	
YOSEI MARU	JPMU	11	AN	MER	A	P	A	C		HA	TMS	1	15.0	
YOSHIDA MARU	JLIK	28	AN	ALC	S	P	S	C		A	TMS	2	23.0	38.0
YUYO MARU	JGPU	18	AN	MER	S	P	S	BU	SS	A	TMS	2	15.0	25.0

## JAPAN

ZAMA MARU	JPWR	30	AN	ALC	S	P	S	C		A	TMS 2	15.0	19.0
ZENKO MARU	JFSI	30	AN	MER	ALC	S	P	S	C	A	TMS 2		
ZENKOREN MARU NO.5	JCRS	27	AN	ALC	S	P	S	C	SS	A	TMS 2	20.0	39.0
ZUIKC MARU	JGAE	28	AN	MER	ALC	S	P	S	C	A	TMS 2		
ZUIYC MARU	JORA	30	AN	ALC	S	P	S	C	SS	A	TMS 2	17.0	30.0

## Supplementary Ships

AKAGI MARU	JCJC	14	AN	ALC	S	P	S	BU		A	TMS 2	14.0	20.0	
AKITA MARU	JAUI	22	AN	ALC	S	P	S	BU		A	S 2	14.0	21.0	
ALASKA MARU	JGFH	30	AN	ALC	S	P	S	C		A	TMS 2	18.0	30.0	
ASIA CULTURE	ELKN	8,18	AN	ALC	S	P	S	C		A	MS 1	23.0	38.0	
ASIA MARU	JGNY	28	AN	ALC	S	P	S	BU		HA	MS 2	15.0	23.0	
ASTORIA MARU	JATR	28	AN	ALC	S	P	S	BU		MAX MIN HA A	TMS 2	16.0	23.0	
AWAJISAN MARU	JGNK	8	AN	ALC	S	P	S	C		A	TMS 2	13.0	19.0	
BENGAL MARU	JNAU	21	AN	ALC	S	P	S	C		A	MS 2	14.0	20.0	
BISCAY MARU	JLIW	8,18,23 30	AN	ALC	S	P	S	C		A	TMS 2	32.0	36.0	
CANADA MARU	JDWM	30	AN	ALC	S	P	S	BU		MAX MIN A	TMS 2	15.0	22.0	
CHICHIBU MARU	JIVP	9	AN	ALC	MER	S	P	S	BU	SS	A	TMS 3	24.0	32.0
CHIKUZEN MARU	JPHG	3	AN	MER	S	P	S	BU		A	MS 2	22.0	32.0	
CHITOSE MARU	JNHF	3	AN	ALC	S	P	S	C		A	TMS 2	20.0	40.0	
CHIYODA MARU	JKMD	28	AN	MER	ELE	S	P	S	C BU	SS	ST A	MS 1		
CHIYODA MARU NO. 2	JJTA	28	AN	MER	S	P	S	BU C		SS	ST A	MS 1		
CHIYODA MARU NO. 3	JCHW	28	AN	MER	S	P	S	BU		SS	ST A	MS 1		
CHIYODA MARU NO. 7	JPGR	28	AN	MER	S			BU C		SS	ST A	TMS 1		
DAIGO MARU	JFNW	3	AN	MER	S	P	S	BU		A	TMS 2	22.0	34.0	
DAIHO MARU	JEUQ	28	AN	MER	S			BU		SS	ST A	MS 1		

## JAPAN

DAISHIN MARU NO. 12	BLYN	28	AN	MER	S			BU C	SS	ST A	MS	1		
DAISHIN MARU NO. 22	JMGO	28	AN	MER	S			BU	SS	ST A	MS	1		
DAISHOWA MARU	JELO	30	AN	ALC	S	P	S	C		MAX MIN A	TMS	2	18.0	24.0
EHIME MARU	JBKR	30	AN	ALC	S	P	S	C		A	MS	2	23.0	35.0
FUEI MARU	JPLH	3	AN	ALC	S	P	S	C	SS	A	TMS	2	23.0	34.0
FUGO MARU	JMUW	28	AN	ALC	S	P	S	C	OS	MAX MIN A	MS	2	18.0	25.0
FURYU MARU	JFAS	28	AN	ALC	S	P	S	C	SS	A	MS	2	22.0	34.0
GANGES MARU	JECV	21	AN	ALC	S	P	S	C		A	MS	2	12.0	30.0
GINKO MARU	JAGH	18	AN	MER	S	P	S	C		HA	TMS	2	18.0	
GYOKURYU MARU	JMIJ	13	AN	ALC	S	P	S	C		HA A	TMS	2	14.0	19.0
HAKUYO MARU	JBXX	13	AN	MER ALC	S	P	S	C		MAX MIN A	TMS	2	18.0	28.0
HAMPTON MARU	JIRQ	14	AN	ALC	S	P	S	BU		MAX MIN A	TMS	2	17.0	23.0
HARUKAZE MARU	JPEU	28	AN	ALC	S	P	S	C	SS	A	S	1	8.0	21.0
HEIWA MARU	JQEJ	28	AN	ALC	S	P	S	C		MAX MIN A	MS	2	21.0	26.0
HIDE MARU	JENN	22	AN	ALC	S	P	S	BU		A	MS	2	14.0	16.0
HIMEJI MARU	JBUI	22	AN	ALC	S	P	S	BU		MAX MIN A	TMS	2	16.0	22.0
HOEI MARU	JEZM	22	AN	ALC	S	P	S	C		ST A	MS	2	17.0	21.0
HOSOSHIMA MARU	JBTR	13	AN	ALC	S	P	S	C		A	TMS	2	14.0	19.0
JAPAN KOWFAI	JKIB	3	AN	MER	S	P	S	C		A	MS	2	14.0	26.0
JAPAN WALNUT	JNAA	30	AN	MER	VS	P	VS	C		A	MS	2	14.0	22.0
KAIRYU MARU	JDDD	3	AN	ALC	S	P	S	C		A	S	2	18.0	33.0
KASHIMA MARU	JBHJ	3, 30	AN	ALC	S	P	S	C		A	TMS	2	28.0	40.0
KATORI MARU	JNNX	11	AN	ALC	S	P	S	C		ST A	TMS	2	16.0	26.0
KAZUTAMA MARU	JNDR	18	AN	ALC	S	P	S	C		MAX MIN A	TMS	2	22.0	28.0

## JAPAN

KEIGO MARU	JGJH	3	AN	ALC	S	P	S	C		A	TMS	2	22.0	28.0	
KENRYU MARU	JHDD	30	AN	ALC	S	P	S	C		MAX MIN A	MS	2	16.0	35.0	
KIKUWA MARU	JFXU	18	AN	MER	ALC	S	P	S	C	A	TMS	2	25.0	30.0	
KIMIHATA MARU	JETT	3	AN	ALC	S	P	S	C		MAX MIN A	TMS	2	20.0	26.0	
KIYO MARU	JKQB	30	AN	ALC	S	P	S	BU		A	MS	2	14.0	26.0	
KOKURA MARU	JKEC	3	AN	ALC	S	P	S	C		A	S	2	18.0	31.0	
KORYU MARU	JFKI	13	AN	ALC	S	P	S	C		HA	TMS	2	14.0		
KOWA MARU	JFSO	11, 17	AN	ALC	S	P	S	BU		HA	TMS	2	14.0		
KOZAN MARU	JLUW	30	AN	ALC	S	P	S	C	SS	A	TMS	2	22.0	30.0	
MATSUGBARA MARU	JJWU	30	AN	ALC	S	P	S	BU		A	TMS	2	17.0	24.0	
MIYATSURU MARU	JKZC	28	AN	ALC	S	P	S	BU		A	MS	2	13.0	21.0	
MIYAZAKI MARU	JKSF	13	AN	ALC	S	P	S	BU C		A	S	2	20.0	36.0	
NACHI MARU	JGKS	28	AN	ALC	MER	S	P	S	C	SS	A	TMS	2	16.0	34.0
NANPO MARU	JIPQ	19	AN	ALC	S	P	S	C		HA	MS	1	13.0		
NOUMEA MARU	JPJC	28	AN	ALC	S	P	S	BU		A	TMS	2	23.0	37.0	
OJI MARU	JDYB	30	AN	ALC	S	P	S	C		HA	TMS	2	24.0		
OLYMPUS	JAGZ	18	AN	MER	S	P	S	C	SS	MAX MIN A	MS	2	20.0	43.0	
PENANG MARU	JJDC	28	AN	ALC	S	P	S	C		A	MS	2	14.0	25.0	
REIHO MARU	JJJT	30	AN	ALC	S	P	S	BU		A	MS	2	19.0	30.0	
ROSE	6ZCJ	30	AN	ALC	S	P	S	C	SS	HA	S	1	20.0		
RYUKO MARU	JDQX	18	AN	ALC	S	P	S	BU C		A	MS	2	14.0	20.0	
SANYO MARU	JDBJ	28	AN	ALC	S	P	S	C		A	TMS	2	19.0	34.0	
SEIWA MARU	JOGI	11, 19	AN	ALC	S	P	S	BU		MAX MIN A	TMS	2	15.0	29.0	
SHINNICHI MARU	JFMF	28	AN	ALC	S	P	S	C		HA A	MS	2	19.0	23.0	
SHOHUKO MARU	JFGP	3, 30	AN	ALC	S	P	S	C		A	TMS	2	18.0	28.0	
SHOKYO MARU	JLJM	3	AN	ALC	S	P	S	C	SS	MAX MIN A	MS	2	20.0	30.0	

## JAPAN

SITKA MARU	JPIX	30	AN	ALC	S	P	S	C		A	TMS	2	19.0	
SOYO MARU	JCRD	28	AN	ALC	S	P	S	C		A	TMS	2	20.0	34.0
TAIKYU MARU	JJRX	7,27	AN	ALC	S	P	S	BU	SS	MAX MIN A	MS	2	12.0	15.0
TAIWA MARU	JMQP	11,17	AN	ALC	S	P	S	C		MAX MIN A	TMS	2	16.0	31.0
TAKASE MARU	JBPP	18	AN	MER	ALC	S	P	S	C	MAX MIN A	TMS	2	27.0	32.0
TENKO MARU	JFWE	7,27	AN	MER	ALC	S	P	S	BU	A	TMS	2	12.0	14.0
TENRIN MARU	JFLX	3	AN	MER	ALC	S	P	S	BU	A	MS	2	9.0	12.0
TENSHO MARU	JKTO	11	AN	MER	ALC	S	P	S	BU	A	TMS	2	12.0	15.0
TENYU MARU	JDKT	8	AN	MER	ALC	S	P	S	BU	A	TMS	2	11.0	14.0
TENZAN MARU	JDPC	13	AN	MER	S	P	S	C		A	MS	2	16.0	18.0
TETSUYO MARU	JNOW	11	AN	ALC	S	P	S	C	SS	A	S	2	18.0	42.0
TOWADA MARU	JBFM	18	AN	MER	ALC	S	P	S	C	MAX MIN A	TMS	2	27.0	32.0
TOYOTA MARU NO. 18	JKLT	26	AN	ALC	S	P	S	BU		A	TMS	2	20.0	33.0
TSUKUBA MARU	JJZK	28	AN	ALC	S	P	S	C	SS	A	TMS	2	25.0	40.0
WAKAGISAN MARU	JGEA	3	AN	ALC	S	P	S	C		A	TMS	2	21.0	34.0
WAKO MARU	JEPF	27	AN	MER	S	P	S	C		A	TMS	2	18.0	20.0
WEIPA MARU	JKXH	3,11	AN	ALC	S	P	S	BU		A	TMS	2	18.0	32.0
YAMAKUNI MARU	JDTI	18,21	AN	ALC	S	P	S	C		MAX MIN HA	TMS	2	13.0	
YAMATADA MARU	JNWS	30	AN	ALC	S	P	S	C		HA	TMS	3	14.0	
YASHIWOSAN MARU	JCON	11	AN	ALC	S	P	S	BU		A	TMS	2	15.0	26.0
YOWA MARU	JFBV	17	AN	MER	ALC	S	P	S	C	MAX MIN A	TMS	2	31.0	50.0
YOZAN MARU	JLHS	30	AN	MER	S	P	S	C	SS	MAX MIN A	MS	2	19.0	34.0
YUGOH MARU	JFTI	3	AN	ALC	S	P	S	BU		A	TMS	2	18.0	21.0

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JAPAN

Auxiliary Ships

JAPAN LAUREL	JKHH	30	AN	ALC	S	P	S	C	A	MS	2	17.0	26.0
KIBI MARU	JPOB	18	AN	ALC	S	P	S	BU	A	MS	2	15.0	19.0
MARGARET MARU	JNZU	3	AN	MER	S	P	S	C	A	TMS	2	18.0	23.0
NODA WOOD MARU	JNDT	19	AN	MER	S	P	S	C	HA	TMS	1	10.0	
TOEI MARU	JNNJ	16	AN	ALC	S	P	S	C	A	MS	1	12.0	18.0
YAMAAKI MARU	JNST	14,27	AN	ALC	S	P	S	C	HA	TMS	2	14.0	

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KENYA, UGANDA, UNITED REPUBLIC OF TANZANIA

- 6 HONG KONG AND/OR JAPAN - GULF OF THAILAND
- 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
- 6 VARIOUS

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KENYA, UGANDA, UNITED REPUBLIC OF TANZANIA

Selected Ships

Ship Name	Code	Count	Agency	Service	Port	Ship Type	Company	OS	Remarks	TMS	Value	Total	
HARAMBEE	5ZUH	1	AN*	MER	S	P	S	BU		OS	TMS 1	12.0	
LINDBLAD EXPLORER	LKFU	2	AN	MER	S	P	S	BU			TMS 1	8.0	
MANIHINE	5ZUE	2	AN*	MER	S	P	S	BU		OS	T	4.0	9.0
MULUNGUSHI	9JZA	4	AN*	MER	S	P	S	BU		OS	TMS 1	12.0	
UGANDA	5XSG	4	AN*	MER	S	P	S	BU		OS	TMS 1	12.0	
UJAMAA	51SN	4	AN*	MER	S	P	S	BU		OS	TMS 1	12.0	

Supplementary Ships

SOUTHERN BAGBAB	5ZTK	2	AN	MER	S	P	S	BU			T	9.0	
SOUTHERN CROSS	5ZUT	2	AN	MER	S	P	S	BU			T	8.0	
SOUTHERN TRADER	5ZUV	2	AN	MER	S	P	S	BU			T	8.0	

Auxiliary Ships

ASHBANK	MYCC	4	AN	MER	US						TMS 1	12.0	
CARRONBANK	MXFF	4	AN	MER	US						TMS 1	12.0	
CITY OF RIPPON	GTJV	6	AN	MER	US						TMS 1	14.0	
CRESTBANK	GVLR	4	AN	MER	US						TMS 1	12.0	
DIPLOMAT	MPTJ	6	AN	MER	US						TMS 1	14.0	
EDGAR ANDRE	DEVA	6	AN	MER	US						TMS 1	11.0	
EICHSFIELD	DDXX	6	AN	MER	US						TMS 1	11.0	
FLAEMING	DOXZ	6	AN	MER	US						TMS 1	11.0	
GARRYBANK	GWQS	4	AN	MER	US						TMS 1	12.0	
GIANCARLOEMME	IODI	6	AN	MER	US						TMS 1	14.0	
HAZELBANK	GMHV	4	AN	MER	US						TMS 1	12.0	
LAUREL BANK	GKKA	4	AN	MER	US						MS 1	12.0	

\* NEW TYPE PRECISION ANEROID BAROMETER  
 + GUNN BELLANI RADIOMETER  
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KENYA, UGANDA, UNITED REPUBLIC OF TANZANIA

LAUSITZ	UDVP	6	AN	MER	US	TMS	1	11.0
LEANDROS	SYDL	6	AN	MER	US	TMS	1	11.0
LEVENBANK	GHKP	4	AN	MER	US	TMS	1	12.0
NORDVAER	ZCQK	3	AN	MER	US	TMS	1	12.0
OAKBANK	GHJK	4	AN	MER	US	TMS	1	12.0
OLIVEBANK	GHRL	4	AN	MER	US	TMS	1	12.0
PINEBANK	GBLU	4	AN	MER	US	TMS	1	12.0
PRIGNITZ	DDXY	6	AN	MER	US	TMS	1	11.0
RIVERBANK	GVMG	4	AN	MER	US	TMS	1	12.0
ROSSELAEMME	ICRL	6	AN	MER	US	TMS	1	14.0
SISSY	SWVB	6	AN	MER	US	TMS	1	10.0
STRALSUND	DCZM	6	AN	MER	US	TMS	1	11.0
STREAMBANK	MYCD	4	AN	MER	US	TMS	1	12.0
TAYBANK	GLQU	4	AN	MER	US	TMS	1	12.0
TEALSBANK	GXLS	4	AN	MER	US	TMS	1	12.0
TESTBANK	GHKQ	4	AN	MER	US	TMS	1	12.0
USEDOM	DCZG	6	AN	MER	US	TMS	1	11.0
WILHELM FLOIM	DEVN	6	AN	MER	US	TMS	1	11.0

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KOREA

- 6 HONG KONG AND/OR JAPAN - GULF OF THAILAND
- 1 AROUND THE WORLD
- 2 SOUTH-EAST ASIA
- 3 COASTAL SERVICE

## KOREA

## Supplementary Ships

ALTAIR	6LBN	2	AN	MER	VS	P	VS	C		A	MS	2		
ANGEL PARK	6LBW	1	AN	MER	VS	P	VS	C			TMS	2	9.0	
ATLAS PIONEER	6LAM	2	AN	MER	VS	P	VS	BU			MS	2	12.0	
ATLAS PROMOTER	6LAN	1	AN	MER	VS	P	VS	C			MS	2	15.0	
BACKDLUSAN	6KHY	3	AN	MER	US			BU		A	TMS	2	3.0	5.0
BAEKKYUNG	6KCW	1	AN	MER	VS	P	A	C	SS	BAT BT	M	1	4.0	6.0
BANDO	6KOK	1	AN	MER	VS	P	VS	BU	SS		MS	1		
BORISU	6KPL	2	MER	MER	US	P	US	C, BU	OS	A	TMS	2	5.0	6.0
BUMHAN	6LUE	3	AN	MER	VS	P	VS	C			TMS	2	6.0	
BUMWOO	6LZH	3	AN	MER	VS	P	VS	C			TMS	2	6.0	
CHANGFANG	HNBV	2	AN	MER	VS			C			MS	2		
CHEANMASAN	6KYC	2	AN	MER	VS	P	VS	BU			TS	1	10.0	15.0
CHEJU	HMBU	2	AN	MER	VS			C			MS	2		
CHIRISAN	6KYE	3	AN	MER	US					A BT	TMS	1	10.0	15.0
DAEPORI	HMBO	2	AN	MER	VS			C			MS	2		
DONGBANG	6LHT	2	AN	MER	VS	P	VS	C			TMS	2	13.0	
DONGKWANG	6LHU	2	AN	MER	VS	P	VS	C			TM	2	13.0	
DONGMYUNG	6KCS	1	AN	MER	VS	P	VS	C		A	MS	2		
DONGYANG	6KAD	2	MER	MER	US	P	US	BU C	SS	A	MS	2	5.0	6.0
DRAGON PARK	6LBV	1	AN	MER	VS	P	VS	C			TMS	2	9.0	
GOLDEN PARK	6KVA	1	AN	MER	VS	P	VS	C			TMS	2	9.0	
HAIAN	HLPI	2	AN	MER	VS	H	VS	BU			MS	1	5.0	
HAIRYONG	6KPM	2	AN	MER	VS	H	VS	BU			MS	2	7.0	
HAIYUNG	6KPV	2	AN	MER	VS	H	VS	BU			MS	1	5.0	
HANRASAN	6KYB	3	AN	MER	A	P	A	BU	OS	A BT	MS	1	2.0	5.0
HANYANG	6LAI	1	AN	MER	VS	P	VS	C	SS		TMS	2	17.0	
HWASONG	6LAR	1	AN	MER	VS	P	VS	C	SS		TMS	2	14.0	
INCHON	HMBS	2	AN	MER	VS			C			MS	2		
JINBUEK	6KCV	1	AN	MER	VS	P	VS	C		A	MS	2		

KOREA

KOREA	HLDV	1	AN	MER	VS	P	VS	C			MS	2	10.0	
KOREA PACIFIC	6LUM	1	AN	MER	VS	P	VS	BU			TMS	2		
KOREA RAIBOW	6L0D	1	AN	MER	VS	P	VS	C			MS	2		
KOREAN EXPORTER	6LRH	1	AN	MER	VS	P	VS	C		A	MS	2		
KOREAN FRONTIER	6LZA	1	AN	MER	VS	P	VS	C		A	MS	2		
KOREAN PIONEER	6LIZ	1	AN	MER	VS	P	VS	C		A	MS	2		
KOREAN TRADER	6LRG	1	AN	MER	VS	P	VS	C		A	MS	2		
KUMSONG	6LAQ	1	AN	MER	VS	P	VS	C	SS		TMS	2	14.0	
KYUNG JU	6LAH	1	AN	MER	VS	P	VS	C	SS		TMS	2	17.0	
MANO NO. 1	6KSZ	3	MER	MER	US	P	US	C	OS	MAX MIN A	MS	2	5.0	5.0
MANO NO. 3	6LSN	3	MER	MER	US	P	US	C	OS	MAX MIN A	MS	2	6.0	10.0
MASAN	HLHK	2	AN	MER	VS			C			MS	2		
MOKPO	HMBK	2	AN	MER	VS			C			MS	2		
MOKSONG	6LAS	1	AN	MER	VS	P	VS	C	SS		TMS	2	14.0	
MUKHO	HMBT	2	AN	MER	VS			C			MS	2		
NAMHAE	HLHX	1	AN	MER	VS			C			MS	2	2.0	
NEW ORION	HPGV	2	MER	MER	US	P	US	C	SS	A	MS	2	5.0	6.0
NEW STAR	6LAV	1	AN	MER	US			C		AG	TMS	2		
OHDAE	6KJZ	1	AN	MER	S	P	S	C		A	TMS	2	15.0	
PAGODA	6KPP	2	MER	MER	SL	P	US	C	OS	AG	MS	2	6.0	7.0
POHANG	HHBW	2	AN	MER	VS			C			MS	2		
SAEJONG	6KCU	1	AN	MER	VS	P	VS	C		A	MS	2		
SAMMI NO. 1	6LOQ	1	AN	MER	VS	P	VS	C	SS	A AG	M	2	15.0	14.0
SEA STAR	6LAX	1	AN	MER	US			C		AG	TMS	2		
SHINYANG	6KAC	2	AN	MER	US	P	US	BU C	SS	A	MS	2	15.0	
SILLA	HLPF	1	AN	MER	VS	H	VS	BU			MS	2	10.0	
SILVER PARK	6KVB	1	AN	MER	VS	P	VS	C			TMS	2	9.0	
SUNDUEK	6KCT	1	AN	MER	VS	P	VS	C		A	MS	2		
SURO NO. 3	6LQG	3	AN	MER	VS	P		BU	SS	A BAT	M	1	8.0	13.0

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KOREA

SUSONG	6LAP	1	AN	MER	VS	P	VS	C	SS		TMS	2	14.0	
TAEBAEKSAN	6KYD	3	AN	MER	US			BU		A BT	TMS	2	3.0	6.0
TOSONG	6LAT	1	AN	MER	VS	P	VS	C	SS		TMS	2	14.0	
VEGA	6LBP	2	AN	MER	VS	P	VS	C		A	MS	2		
YOSU	HMBC	2	AN	MER	VS			C			MS	2		
YOUNGDUCK	6KPO	2	AN	MER	VS	H	VS	BU			TMS	2	8.0	
YUKONG	6LRP	3	AN	MER	VS	P	VS	C			TMS	2	7.0	

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## NETHERLANDS

6 HONG KONG AND/OR JAPAN - GULF OF THAILAND  
1 NO FIXED ROUTES - WORLD-WIDE VOYAGES  
2 EUROPE - FAR EAST (VIA CAPETOWN)  
3 N.W. EUROPE - MEDITERRANEAN - SOUTH AFRICA - EAST AFRICA  
4 EUROPE - INDIA  
5 N.W. EUROPE - EAST COAST SOUTH AMERICA  
6 MEDITERRANEAN - FAR EAST (VIA CAPETOWN)  
7 FAR EAST - WEST COAST SOUTH AMERICA - CARIBBEAN  
8 N.W. EUROPE - FAR EAST (VIA PANAMA)  
9 N.W. EUROPE - WEST CENTRAL AMERICA  
10 WEST COAST NORTH AMERICA - PANAMA - CAPETOWN - EAST AFRICA - FAR EAST - WEST COAST NORTH AMERICA  
11 EAST ASIA - NEW ZEALAND  
12 N.W. EUROPE - PANAMA - NEW ZEALAND  
13 N.W. EUROPE - WEST COAST NORTH AMERICA  
14 N.W. EUROPE - LEVANT  
15 EUROPE - CAPETOWN - PAKISTAN - PERSIAN GULF  
16 EUROPE - CAPETOWN - AUSTRALIA  
17 N.W. EUROPE - WEST AFRICA  
18 N.W. EUROPE - MEDITERRANEAN - CARIBBEAN  
19 NORTH SEA - NORTH ATLANTIC OCEAN  
20 EAST COAST NORTH AMERICA - CAPETOWN - PERSIAN GULF - FAR EAST - PANAMA - GULF PORTS - EAST COAST NORTH AMERICA  
21 NORTH SEA  
22 N.W. EUROPE - CARIBBEAN SEA  
23 N.W. EUROPE - EAST COAST CENTRAL AMERICA  
24 N.W. EUROPE - WEST COAST SOUTH AMERICA  
25 EAST AND SOUTH AFRICA - AUSTRALIA  
26 AFRICA - NEW ZEALAND  
27 AUSTRALIA - JAPAN - HONG KONG - AUSTRALIA  
28 AUSTRALIA - INDIA  
29 AUSTRALIA - BANGKOK  
30 FAR EAST - AFRICA - EAST COAST SOUTH AMERICA  
31 FAR EAST - AFRICA  
32 PERSIAN GULF - EAST AND SOUTH AFRICA  
33 N.W. EUROPE - EAST COAST NORTH AMERICA  
34 N.W. EUROPE - GULF OF MEXICO  
35 CRUISES  
36 N.W. EUROPE - EAST COAST NORTH AMERICA - GULF OF MEXICO  
37 VARIABLE  
38 NORTH SEA - FAR EAST  
39 NORTH SEA - INDONESIA  
40 NORTH SEA - AUSTRALIA  
41 EUROPE - EAST ASIA  
42 NORTH SEA - BURMA  
43 NORTH SEA - PORTUGAL  
44 NORTH ATLANTIC OCEAN  
45 NORTH SEA - ETHIOPIA  
46 NORTH SEA - ARGENTINA

47 NETHERLANDS - FISHING GROUNDS IN THE NORTH SEA AND IRISH SEA  
48 AFRICA - FAR EAST - N.W. AMERICA  
49 NORTH SEA - PERSIAN GULF

## NETHERLANDS

## Selected Ships

ABBEKERK	PCBJ	2	AN	MER	W	P	W	BU	SS	MS	1	15.0
ABEL TASMAN	PCBN	16	AN	MER	W	P	W	HT	SS	TMS	1	28.0
ABIDA (Tanker)	PCBP	1	AN	MER	W	P	W	BU	SS	TMS	1	12.0
ACHILLES	PCCF	23	AN	MER	W	P	W	BU	SS	TMS	1	12.0
ACILA (Tanker)	PCCM	1	AN	MER	W	P	W	BU	SS	TMS	1	14.0
ACMAEA (Tanker)	PCCS	1	AN	MER	W	P	W	BU	SS	TMS	1	15.0
ACTEON (Tanker)	PCCV	1	AN	MER	W	P	W	BU	SS	TMS	1	14.0
ADRASTUS	PCDK	2	AN	MER	W	P	W	BU	SS	MS	1	15.0
ALCOR	PCIR	5	AN	MER	W	P	W	BU	SS	TMS	1	15.0
ALGOL	PCLD	5	AN	MER	W	P	W	BU	SS	TMS	1	15.0
ALGORAB	PCLF	5	AN	MER	W	P	W	BU	SS	TMS	1	17.0
ALKES	PCMK	5	AN	MER	W	P	W	BU	SS	TMS	1	14.0
AMERSKERK	PCOU	2	AN	MER	W	P	W	BU	SS	MS	1	16.0
AMMON	PCPA	22	AN	MER	W	P	W	BU	SS	TMS	1	15.0
AMPENAN	PCPE	3	AN	MER	W	P	W	BU	SS	MS	1	19.0
AMSTELDIEP	PCPH	1	AN	MER	W	P	W	BU	SS	TMS	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	TMS	1	19.0
AMSTELLAAN	PJOB	1	AN	MER	W	P	W	BU	SS	TMS	1	20.0
AMSTELLAND	PCPS	1	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	PCPU	1	AN	MER	W	P	W	BU	SS	TMS	1	20.0
AMSTELSLUIS	PCPV	1	AN	MER	W	P	W	BU	SS	MS	1	20.0
AMSTELSTAO	PCPU	1	AN	MER	W	P	W	BU	SS	MS	1	20.0
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	14.0
ARCA (Tanker)	PCSS	1	AN	MER	W	P	W	BU	SS	TMS	1	14.0
ARCHIMEDES	PCSU	23	AN	MER	W	P	W	BU	SS	TMS	1	12.0
ARES	PCTM	23	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
ASMIDISKE	PCUW	33	AN	MER	W	P	W	BU	SS	TMS	1	18.0

## NETHERLANDS

ASTEROPE	PCUY	3	AN	MER	W	P	W	BU	SS	TMS	1	16.0
ATLANTIC CROWN	PCVH	33	AN	MER	W	P	W	HT	SS	TMS	1	30.0
ATLANTIC STAR	PCVK	33	AN	MER	W	P	W	HT	SS	TMS	1	25.0
ATYS (Tanker)	PCWA	1	AN	MER	W	P	W	BU		TMS	1	14.0
AVEDRECHT (Tanker)	PCWM	1	AN	MER	W	P	W	BU	SS	TMS	1	20.0
BALONE	PCXQ	2	AN	MER	W	P	W	BU	SS	TMS	1	17.0
BANDA	PCYB	17	AN	MER	W	P	W	BU	SS	TMS	1	19.0
BANGGAI	PCYE	16	AN	MER	W	P	W	BU	SS	MS	1	18.0
BARENDRECHT (Tanker)	PCYP	1	AN	MER	W	P	W	BU	SS	TMS	1	19.0
BATJAN	PCYU	2	AN	MER	W	P	W	BU	SS	MS	1	19.0
BATU	PCZG	17	AN	MER	W	P	W	BU	SS	TMS	1	18.0
BAWEAN	PCZK	4	AN	MER	W	P	W	BU	SS	MS	1	17.0
BENGALEN	PDAD	2	AN	MER	W	P	W	BU	SS	MS	1	15.0
BENGKALIS	PDAF	4	AN	MER	W	P	W	BU	SS	MS	1	18.0
BILLITON	PDCV	2	AN	MER	W	P	W	BU	SS	MS	1	15.0
BOVENKERK	PDFY	37	AN	MER	W	P	W	BU	SS	TMS	1	17.0
BRITSUM	PJKV	1	AN	MER	W	P	W	BU	SS	TMS	1	18.0
CALAMARES	PDHZ	23	AN	MER	W	P	W	BU	SS	MS	1	15.0
CAMITIA (Tanker)	PDIV	1	AN	MER	W	P	W	BU	SS	MS	1	13.0
CAPILUNA (Tanker)	5MEW	1	AN	MER	W	P	W	BU		MS	1	17.0
CAPISTERIA (Tanker)	5MDE	1	AN	MER	W	P	W	BU		TMS	1	17.0
CAPULONIX (Tanker)	5MBH	1	AN	MER	W	P	W	BU		TMS	1	17.0
CARTAGO	PDJV	23	AN	MER	W	P	W	BU	SS	TMS	1	14.0
CASTILLA	PDJH	23	AN	MER	W	P	W	BU	SS	MS	1	15.0
CERES	PDKA	24	AN	MER	W	P	W	BU	SS	TMS	1	12.0
CHEVRON AMSTERDAM (Tanker)	PDHY	1	AN	MER	W	P	W	BU	SS	TMS	1	15.0
CHEVRON ARNHEM (Tanker)	PDIA	1	AN	MER	W	P	W	BU	SS	TMS	1	14.0
CHEVRON EINDHUVEN (Tanker)	PDIB	1	AN	MER	W	P	W	BU	SS	TMS	1	16.0
CHEVRON KENTUCKY (Tanker)	PIZW	1	AN	MER	W	P	W	BU	SS	TMS	1	30.0
CHEVRON LEIDEN (Tanker)	PDIR	1	AN	MER	W	P	W	BU	SS	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	SS	TMS	1	14.0

## NETHERLANDS

CHEVRON THE HAGUE (Tanker)	PDIT	1	AN	MER	W	P	W	BU	SS	TMS	1	13.0
CHIRICUI	PDKC	34	AN	MER	W	P	W	BU	SS	MS	1	12.0
CHIRON	PDIK	22	AN	MER	W	P	W	BU	SS	TMS	1	15.0
CHOLUTECA	PDKO	1	AN	MER	W	P	W	BU	SS	MS	1	12.0
CINULIA (Tanker)	PDKK	1	AN	MER	W	P	W	BU	SS	TMS	1	13.0
COPAN	PDMB	1	AN	MER	W	P	W	BU	SS	MS	1	12.0
COPPENAME	POMD	1	AN	MER	W	P	W	BU	SS	MS	1	12.0
CRANIA (Tanker)	POMS	1	AN	MER	W	P	W	BU	SS	TMS	1	15.0
DALLIA (Tanker)	PJKR	1	AN	MER	W	P	W	BU	SS	TMS	1	20.0
DAPHNE (Tanker)	PJKJ	1	AN	MER	W	P	W	BU	SS	TMS	1	20.0
DE HOOP (Hospital Church)	PHKS	21	AN	MER	W	P	W	BU	SS	TMS	1	10.0
DELTADRECHT	PDOG	1	AN	MER	W	P	W	BU	SS	TMS	1	18.0
DIADEMA (Tanker)	PJKE	1	AN	MER	W	P	W	BU	SS	TMS	1	20.0
DILOMA (Tanker)	PJKA	1	AN	MER	W	P	W	BU	SS	TMS	1	20.0
DIOGENES	PDQJ	24	AN	MER	W	P	W	BU	SS	TMS	1	12.0
DIONE (Tanker)	PJKP	1	AN	MER	W	P	W	BU	SS	TMS	1	20.0
DORORECHT (Tanker)	PDRW	1	AN	MER	W	P	W	BU	SS	TMS	1	20.0
DOSINA	PJKK	1	AN	MER	W	P	W	BU	SS	TMS	1	18.0
DUIVENDRECHT	PDTQ	1	AN	MER	W	P	W	C	SS	TMS	1	19.0
EEMLAND	PDVI	5	AN	MER	W	P	W	BU	SS	TMS	1	14.0
ESSO DEN HAAG (Tanker)	PDZK	1	AN	MER	W	P	W	BU	SS	TMS	1	22.0
ESSO EUROPOORT (Tanker)	PJPJ	1	AN	MER	W	P	W	BU	SS	TMS	1	22.0
ESSO NEDERLAND (Tanker)	PJOM	1	AN	MER	W	P	W	C	SS	TMS	1	22.0
FARMSUM	PJKS	1	AN	MER	W	P	W	BU	SS	TMS	1	18.0
FOREST HILL (Tanker)	PDEH	1	AN	MER	W	P	W	BU	SS	TMS	1	16.0
FRIESLAND (Tug/Tugboat)	PEEQ	1	AN	MER	W	P	W	BU	SS	TMS	1	8.0
GAASTERDYK	PEFE	13	AN	MER	W	P	W	BU	SS	TMS	1	17.0
GAASTERLANC	PEFJ	5	AN	MER	W	P	W	BU	SS	TMS	1	11.0
GANYMEDES	PEFR	23	AN	MER	W	P	W	BU	SS	TMS	1	12.0
GIESSENKERK	PCIY	3	AN	MER	W	P	W	BU	SS	MS	1	17.0
GOOLAND	PEJS	5	AN	MER	W	P	W	BU	SS	TMS	1	18.0
GORREDYK	PEJR	34	AN	MER	W	P	W	BU	SS	TMS	1	14.0
GRAVELAND	PEKB	5	AN	MER	W	P	W	BU	SS	MS	1	12.0
GREBBEDYK	PEKF	36	AN	MER	W	P	W	BU	SS	TMS	1	18.0

## NETHERLANDS

GROTEDYK	PELF	13	AN	MER	W	P	W	C	SS	TMS	1	17.0
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	C	SS	TMS	1	16.0
GULF ITALIAN (Tanker)	PELR	1	AN	MER	W	P	W	BU	SS	MS	1	16.0
GULF SWEDE (Tanker)	PELS	1	AN	MER	W	P	W	BU	SS	TMS	1	16.0
HEELSUM	PEPH	34	AN	MER	W	P	W	BU	SS	TMS	1	18.0
HERCULES	PERC	22	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	34	AN	MER	W	P	W	BU	SS	TMS	1	15.0
HOLENDRECHT	PESI	1	AN	MER	W	P	W	BU	SS	TMS	1	17.0
HOLLANDS DREEF	PESW	1	AN	MER	W	P	W	BU	SS	MS	1	14.0
HOLLANDS DUIN	PESS	1	AN	MER	W	P	W	BU	SS	MS	1	14.0
HOUTMAN	PEUC	32	MER	MER	W	P	W	BU	SS	TMS	1	13.0
ITTERSUM	PEXG	34	AN	MER	W	P	W	BU	SS	TMS	1	15.0
JACOB VAN HEEMSKERCK (Tanker)	PEYR	1	AN	MER	W	P	W	BU	SS	TMS	1	7.0
JASON	PFCC	23	AN	MER	W	P	W	BU	SS	TMS	1	14.0
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
KAMPERDYK	PFGW	13	AN	MER	W	P	W	BU	SS	TMS	1	14.0
KARA (Tanker)	PFGT	2	AN	MER	W	P	W	BU		MS	1	14.0
KARACHI	PFGX	10	AN	MER	W	P	W	BU	SS	MS	1	17.0
KARAKCRUM	PFGY	10	AN	MER	W	P	W	BU	SS	MS	1	17.0
KARIMATA	PFHE	3	AN	MER	W	P	W	BU	SS	MS	1	19.0
KARIMUN	PFHF	15	AN	MER	W	P	W	BU	SS	MS	1	17.0
KATELYSIA (Tanker)	PFHO	1	AN	MER	W	P	W	BU		MS	1	14.0
KATENDRECHT	PFHQ	1	AN	MER	W	P	W	BU	SS	TMS	1	15.0
KATSEDYK	PFHR	13	AN	MER	W	P	W	BU	SS	TMS	1	14.0
KATWYK	PFHW	31	AN	MER	W	P	W	BU	SS	TMS	1	15.0
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	13.0
KENNEMERLAND	PFIW	5	AN	MER	W	P	W	BU	SS	MS	1	14.0
KERMIA (Tanker)	PFIY	1	AN	MER	W	P	W	BU		TMS	1	13.0
KHASTELLA (Tanker)	PFJH	1	AN	MER	W	P	W	C	SS	TMS	1	15.0

## NETHERLANDS

KOPIONELLA (Tanker)	PFLF	1	AN	MER	W	P	W	BU	SS	TMS	1	13.0
KORATIA (Tanker)	PFLH	1	AN	MER	W	P	W	BU		TMS	1	14.0
KORENDYK	PFLK	13	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)	PFLO	1	AN	MER	W	P	W	BU		TMS	1	12.0
KOSSMATELLA (Tanker)	PFLQ	1	AN	MER	W	P	W	BU		TMS	1	14.0
KREBSIA (Tanker)	PFLV	1	AN	MER	W	P	W	BU		TMS	1	15.0
KREON	PFLT	22	AN	MER	W	P	W	BU	SS	TMS	1	15.0
KRYPTOS (Tanker)	PFLX	1	AN	MER	W	P	W	BU	SS	TMS	1	15.0
KYLIX (Tanker)	PFLY	1	AN	MER	W	P	W	BU		TMS	1	15.0
LAARDERKERK	PFMZ	4	AN	MER	W	P	W	BU	SS	TMS	1	16.0
LADON	PFMD	9	AN	MER	W	P	W	BU	SS	TMS	1	15.0
LEIDERKERK	PFNO	6	AN	MER	W	P	W	BU	SS	TMS	1	18.0
LELYKERK	PFOA	3	AN	MER	W	P	W	BU	SS	TMS	1	18.0
LEUVE LLOYD	PFDR	12	AN	MER	W	P	W	BU	SS	TMS	1	20.0
LOIRE LLOYD	PFPL	12	AN	MER	W	P	W	BU	SS	TMS	1	18.0
LOPPERSUM	PFQI	34	AN	MER	W	P	W	BU	SS	TMS	1	17.0
LOVELLIA (Tanker)	5MBK	1	AN	MER	W	P	W	BU		TMS	1	15.0
MAAS LLOYD	PFRM	10	AN	MER	W	P	W	BU	SS	TMS	1	15.0
MACOMA (Tanker)	PJLB	1	AN	MER	W	P	W	C	SS	TMS	1	30.0
MADISON LLOYD	PFSG	2	AN	MER	W	P	W	BU	SS	TMS	1	15.0
MAIN LLOYD	PFSU	34	AN	MER	W	P	W	BU	SS	TMS	1	15.0
MARATHON	PFTC	22	AN	MER	W	P	W	BU	SS	TMS	1	15.0
MARNE LLOYD	PFVT	10	AN	MER	W	P	W	BU	SS	TMS	1	15.0
MARON	PFUS	14	AN	MER	W	P	W	BU	SS	TMS	1	15.0
MEDON	PFWR	22	AN	MER	W	P	W	BU	SS	TMS	1	15.0
MEERDRECHT	PFWU	1	AN	MER	W	P	W	BU	SS	TMS	1	16.0
MEMNON	PFXQ	22	AN	MER	W	P	W	C	SS	TMS	1	15.0
MERCURIUS	PFYJ	22	AN	MER	W	P	W	BU	SS	TMS	1	16.0
MERSEY LLOYD	PFYT	20	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	SS	TMS	1	30.0
MISSISSIPPI LLOYD	PGAF	20	AN	MER	W	P	W	BU	SS	TMS	1	16.0

## NETHERLANDS

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	1	AN	MER	W	P	W	BU	SS	TMS	1	14.0
MUSI LLOYD	PGBU	10	MER	MER	W	P	W	BU	SS	TMS	1	15.0
MYDRECHI (Tanker)	PGBW	1	AN	MER	W	P	W	BU	SS	TMS	1	14.0
NEDER EBRO	PGDH	20	AN	MER	W	P	W	BU	SS	TMS	1	16.0
NEDER EEMS	PGDI	20	AN	MER	W	P	W	BU	SS	TMS	1	15.0
NEDER ELBE	PGDJ	20	AN	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	3	AN	MER	W	P	W	BU	SS	TMS	1	16.0
NEDER RYN	PGDP	12	AN	MER	W	P	W	BU	SS	TMS	1	14.0
NEDER WAAL	PGDK	10	AN	MER	W	P	W	BU	SS	MS	1	14.0
NEDER WESER	PGDU	10	AN	MER	W	P	W	BU	SS	MS	1	20.0
NEDLLOYD KENBLA	PGOF	3	AN	MER	W	P	W	BU	SS	MS	1	19.0
NEDLLOYD KIMBERLEY	PGDU	3	AN	MER	W	P	W	BU	SS	MS	1	19.0
NEDLLOYD KINGSTON	PGDG	3	AN	MER	W	P	W	BU	SS	MS	1	19.0
NEDLLOYD KYOTO	PGDS	3	AN	MER	W	P	W	BU	SS	MS	1	19.0
NEPTUNUS	PGEU	22	AN	MER	W	P	W	BU	SS	TMS	1	16.0
NIEUW AMSTERDAM	PGGF	35	AN	MER	W	P	W	BU	SS	TMS	6	24.0
NIEUW HOLLAND	PGGI	27	AN	MER	W	P	W	BU	SS	TMS	1	17.0
NISO (Tanker)	PJKL	1	AN	MER	W	P	W	BU	SS	TMS	1	20.0
NOORD HOLLAND (Tug/Tugboat)	PGHX	1	AN	MER	W	P	W	BU	SS	TMS	1	8.0
NYKERK	PGKR	4	AN	MER	W	P	W	BU	SS	TMS	1	14.0
OLDEKERK	PGMH	15	AN	MER	W	P	W	BU	SS	MS	1	15.0
OMMENKERK	PGMR	4	AN	MER	W	P	W	BU	SS	MS	1	15.0
ONDINA (Tanker)	PGNB	1	AN	MER	W	P	W	BU	SS	TMS	1	18.0
ONIBA (Tanker)	PGNL	1	AN	MER	W	P	W	BU	SS	TMS	1	20.0
OOSTKERK	PGND	17	AN	MER	W	P	W	BU	SS	MS	1	15.0
ORANJE NASSAU	PGOJ	22	AN	MER	W	P	W	BU	SS	TMS	2	16.0
OSSENDRECHT	PGPM	1	AN	MER	W	P	W	BU	SS	TMS	1	17.0
OUWERKERK	PGPR	15	AN	MER	W	P	W	BU	SS	MS	1	15.0
PALAMEDES	PGQT	22	AN	MER	W	P	W	BU	SS	TMS	1	12.0
PARTHENON	PGRC	23	AN	MER	W	P	W	BU	SS	TMS	A	15.0

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## NETHERLANDS

PATRO (Tanker)	5LYP	1	AN	MER	W	P	W	BU		TMS	1	17.0
PERICLES	PGRZ	24	AN	MER	W	P	W	BU	SS	TMS	1	13.0
PHILIDORA (Tanker)	5MAP	1	AN	MER	W	P	W	BU		TMS	1	17.0
PHILINE (Tanker)	5LYJ	1	AN	MER	W	P	W	BU	SS	TMS	1	17.0
PHILIPPIA (Tanker)	5LXP	1	AN	MER	W	P	W	BU	SS	TMS	1	17.0
POELOYK	PGTV	36	AN	MER	W	P	W	BU	SS	TMS	1	15.0
PRINS DER NEDERLANDEN	PGVR	22	AN	MER	W	P	W	BU	SS	TMS	2	16.0
PRINSES MARGRIET (Training)	PGVO	21	AN	MER	W	P	W	BU	SS	TMS	1	11.0
PUTTEN	PGXF	1	AN	MER	W	P	W	BU	SS	TMS	1	15.0
ROTTE	PHEL	1	AN	MER	W	P	W	BU	SS	TMS	1	15.0
ROTTERDAM	PHEG	35	AN	MER	W	P	W	BU	SS	TMS	6	28.0
RYN	PHFN	1	AN	MER	W	P	W	BU	SS	TMS	1	17.0
SAFOCEAN ADELAIDE	PJNI	25	AN	MER	W	P	W	BU	SS	TMS	1	20.0
SAFUCEAN ALBANY	ZTEN	25	AN	MER	W	P	W	BU	SS	TMS	1	20.0
SAFOCEAN AMSTERDAM	PJNJ	25	AN	MER	W	P	W	BU	SS	TMS	1	20.0
SAFOCEAN AUCKLAND	ZTEM	25	AN	MER	W	P	W	BU	SS	TMS	1	20.0
SCHELDE LLOYD	PHJC	2	AN	MER	W	P	W	BU	SS	TMS	1	16.0
SCHHELPWYK (Tanker)	PHJD	1	AN	MER	W	P	W	BU	SS	TMS	1	15.0
SCHIE LLOYD	PHJU	6	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	6	AN	MER	W	P	W	BU	SS	TMS	1	16.0
SEPIA (Tanker)	PHKW	1	AN	MER	W	P	W	BU		TMS	1	16.0
SEROOSKERK	PHLP	3	AN	MER	W	P	W	BU	SS	TMS	1	18.0
SERVAASKERK	PHLR	8	AN	MER	W	P	W	BU	SS	TMS	1	18.0
SIMONSKERK	PHMU	3	AN	MER	W	P	W	BU	SS	TMS	1	17.0
SINON	PHMZ	23	AN	MER	W	P	W	C	SS	TMS	1	15.0
SINOUTSKERK	PHNB	8	AN	MER	W	P	W	BU	SS	TMS	1	19.0
SLIEDRECHT	PHOF	1	AN	MER	W	P	W	BU	SS	TMS	1	17.0
SLOTERKERK	PHOP	2	AN	MER	W	P	W	BU	SS	TMS	1	16.0
SOCRATES	PHOK	23	AN	MER	W	P	W	BU	SS	TMS	1	12.0
SOLON	PHPO	14	AN	MER	W	P	W	BU	SS	TMS	1	15.0
SPAARNEKERK	PHPZ	2	AN	MER	W	P	W	BU	SS	TMS	1	18.0
STATENDAM	PHSC	35	AN	MER	W	P	W	BU	SS	TMS	5	18.0

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## NETHERLANDS

STEENKERK	PHSG	8	AN	MER	W	P	W	BU	SS	TMS	1	18.0
STOLT MUNTORREN (Tanker)	PHRY	1	AN	MER	W	P	W	BU	SS	TMS	1	13.0
STOLT WESTERTOREN (Tanker)	PHRZ	1	AN	MER	W	P	W	BU	SS	TMS	1	13.0
STRAAT ALGON	PHVE	30	AN	MER	W	P	W	BU	SS	TMS	1	21.0
STRAAT ALGULHAS	PHVD	30	AN	MER	W	P	W	BU	SS	TMS	1	18.0
STRAAT BALI	PHTJ	31	MER	MER	W	P	W	BU	SS	TMS	1	15.0
STRAAT CHATHAM	PHUB	11	MER	MER	W	P	W	BU	SS	TMS	1	13.0
STRAAT CLARENCE	PHTM	11	AN	MER	W	P	W	BU	SS	MS	1	13.0
STRAAT CLEMENT	PHTX	30	MER	MER	W	P	W	BU	SS	MS	1	13.0
STRAAT COLOMBO	PHUD	11	AN	MER	W	P	W	BU	SS	TMS	1	15.0
STRAAT COOK	PHTI	28	MER	MER	W	P	W	BU	SS	MS	1	13.0
STRAAT CUMBERLAND	PHTZ	11	AN	MER	W	P	W	BU	SS	MS	1	13.0
STRAAT FIJI	PHUO	31	MER	MER	W	P	W	BU	SS	TMS	1	13.0
STRAAT FLORIDA	PHUP	31	MER	MER	W	P	W	BU	SS	TMS	1	13.0
STRAAT FRANKLIN	PHUI	31	MER	MER	W	P	W	BU	SS	TMS	1	14.0
STRAAT FRAZER	PHUK	31	MER	MER	W	P	W	BU	SS	TMS	1	15.0
STRAAT FREETOWN	PHUH	31	MER	MER	W	P	W	BU	SS	TMS	1	15.0
STRAAT FREMANTLE	PHUF	31	MER	MER	W	P	W	BU	SS	TMS	1	14.0
STRAAT FUSHIMI	PHUM	30	MER	MER	W	P	W	BU	SS	TMS	1	14.0
STRAAT FUTAMI	PHUN	30	MER	MER	W	P	W	BU	SS	TMS	1	15.0
STRAAT HOBART	PHUX	30	AN	MER	W	P	W	BU	SS	TMS	1	13.0
STRAAT HOLLAND	PHUQ	30	MER	MER	W	P	W	BU	SS	TMS	1	15.0
STRAAT HONGKONG	PHUW	30	AN	MER	W	P	W	BU	SS	TMS	1	15.0
STRAAT HONSHU	PHUY	30	AN	MER	W	P	W	BU	SS	TMS	1	13.0
STRAAT JOHORE	PHTS	28	MER	MER	W	P	W	BU	SS	MS	1	13.0
STRAAT KOBE	PHSM	31	AN	MER	W	P	W	BU	SS	TMS	1	17.0
STRAAT KOREA	PHTO	31	AN	MER	W	P	W	BU	SS	TMS	1	17.0
STRAAT LAGOS	PHUT	25	MER	MER	W	P	W	BU	SS	TMS	1	11.0
STRAAT LE MAIRE	PHUR	26	MER	MER	W	P	W	BU	SS	TMS	1	14.0
STRAAT LOMBOK	PHTR	31	MER	MER	W	P	W	BU	SS	MS	1	14.0
STRAAT LUANDA	PHUS	25	AN	MER	W	P	W	BU	SS	TMS	1	15.0
STRAAT LUZON	PHUV	26	MER	MER	W	P	W	BU	SS	TMS	1	12.0
STRAAT MADURA	PHTQ	26	MER	MER	W	P	W	BU	SS	TMS	1	13.0
STRAAT MAGELHAEN	PHTW	31	MER	MER	W	P	W	BU	SS	TMS	1	14.0

## NETHERLANDS

STRAAT MOZAMBIQUE	PHTP	31	MER	MER	W	P	W	BU	SS	TMS	1	15.0
STRAAT NOGOSAKI	PHVA	31	AN	MER	W	P	W	HT	SS	TMS	1	20.0
STRAAT NOGOYA	PHVB	30	AN	MER	W	P	W	HT	SS	TMS	1	20.0
STRAAT RIO	PHUC	31	AN	MER	W	P	W	BU	SS	MS	1	15.0
STRAAT SINGAPORE	PHTV	28	AN	MER	W	P	W	BU	SS	MS	1	13.0
STRAAT TALBOT	PHUA	29	MER	MER	W	P	W	BU	SS	TMS	1	15.0
STRAAT TANGA	PHTN	31	MER	MER	W	P	W	BU	SS	TMS	1	13.0
STRAAT TAURANGA	PHUL	29	MER	MER	W	P	W	BU	SS	TMS	1	15.0
STRAAT TORRES	PHTU	32	AN	MER	W	P	W	BU	SS	MS	1	13.0
STRAAT TOWA	PHUE	31	MER	MER	W	P	W	BU	SS	TMS	1	15.0
STRAAT VAN DIEMEN	PHTY	31	MER	MER	W	P	W	BU	SS	TMS	1	14.0
STREEFKERK	PHUG	8	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
TALAMANCA	PHWS	1	AN	MER	W	P	W	BU	SS	TMS	1	12.0
TAMARA (Tanker)	PHWJ	1	AN	MER	W	P	W	BU	SS	TMS	1	16.0
TANAMO	PHWU	1	AN	MER	W	P	W	BU	SS	T		12.0
THERON	PHYG	14	AN	MER	W	P	W	BU	SS	TMS	1	15.0
THUREDRECHT	PHYP	1	AN	MER	W	P	W	BU	SS	TMS	1	16.0
TINTO	PHZI	1	AN	MER	W	P	W	BU	SS	MS	1	12.0
TJIBANTJET	PHZF	31	MER	MER	W	P	W	BU	SS	MS	1	14.0
TJILIWONG	PHYT	31	MER	MER	W	P	W	BU	SS	TMS	1	12.0
TJILUWAH	PHZE	27	AN	MER	W	P	W	BU	SS	TMS	1	17.0
TJIMANUK	PHYS	31	MER	MER	W	P	W	BU	SS	TMS	1	11.0
TJITARUM	PHYZ	31	MER	MER	W	P	W	BU	SS	TMS	1	11.0
TJIWANGI	PIAM	27	MER	MER	W	P	W	BU	SS	MS	1	18.0
TOLOA	PIAB	1	AN	MER	W	P	W	BU	SS	TMS	1	12.0
TOLTEC	PIAF	1	AN	MER	W	P	W	BU	SS	T		12.0
TRIDENS	PBVG	19	AN	MER	W	P	W	BU	SS	TMS	1	10.0
TRIDENT AMSTERDAM	PJOY	18	AN	MER	W	P	W	C	SS	TMS	1	16.0
TRIDENT ROTTERDAM	PJPY	18	AN	MER	W	P	W	C	SS	TMS	1	17.0
ULYSSES	PICJ	22	AN	MER	W	P	W	BU	SS	TMS	1	12.0
VASUM (Tanker)	PIEK	1	AN	MER	W	P	W	BU		TMS	1	16.0
VIANA (Tanker)	PIGS	1	AN	MER	W	P	W	BU	SS	TMS	1	15.0
VITREA (Tanker)	PIGU	1	AN	MER	W	P	W	BU	SS	TMS	1	16.0

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NETHERLANDS

VIVIPARA (Tanker)	PIGQ	1	AN	MER	W	P	W	BU		TMS	1	14.0
VLIST	PIHR	1	AN	MER	W	P	W	BU	SS	TMS	1	15.0
WAALEKERK	PILG	8	AN	MER	W	P	W	BU	SS	TMS	1	18.0
WAARDRECHT	PILJ	1	AN	MER	W	P	W	BU	SS	TMS	1	15.0
WALCHEREN	PILW	1	AN	MER	W	P	W	BU	SS	TMS	1	15.0
WATERLAND	PIMV	5	AN	MER	W	P	W	BU	SS	MS	1	16.0
WESTERKERK	PIUA	8	AN	MER	W	P	W	BU	SS	TMS	1	18.0
WIELDRECHT	PIOU	1	AN	MER	W	P	W	BU	SS	TMS	1	13.0
WILLEMSKERK	PIQR	8	AN	MER	W	P	W	BU	SS	TMS	1	17.0
WISSEKERK	PIRA	8	AN	MER	W	P	W	BU	SS	TMS	1	18.0
WITMARSUM	PIRE	33	AN	MER	W	P	W	BU	SS	TMS	1	15.0
WOENSRECHT	PIRX	1	AN	MER	W	P	W	BU	SS	TMS	1	17.0
WOLTERSUM	PIRL	1	AN	MER	W	P	W	BU	SS	TMS	1	15.0
WONOGIRI	PIRO	7	MER	MER	W	P	W	BU	SS	MS	1	14.0
WONORATO	PIRN	7	AN	MER	W	P	W	BU	SS	MS	1	15.0
WONOSARI	PIRP	7	MER	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	4	AN	MER	W	P	W	BU	SS	MS	1	17.0
ZAANLANO	PIWD	5	AN	MER	W	P	W	BU	SS	MS	1	16.0
ZAFRA (Tanker)	PIWA	1	AN	MER	W	P	W	BU	SS	TMS	1	16.0
ZARIA (Tanker)	PIWB	1	AN	MER	W	P	W	BU	SS	TMS	1	15.0
ZONNEKERK	PIYJ	3	AN	MER	W	P	W	BU	SS	TMS	1	15.0
ZUIDERKERK	PIYR	3	AN	MER	W	P	W	BU	SS	TMS	1	18.0

Trawlers

-----												
ADRIAANTJE	PCDR	47										
ANKIE BOUWIEN	PCQX	47										
CAROLINE	PDJA	47										
ELISABET CHRISTINA	PDWV	47										
ESTER JACOBA	PDZR	47										
GEERTRUIDA	PEGM	47										
JAAP	PEXX	47										
JANNIE MARIE	PFAF	47										

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NETHERLANDS

MAAIKE ROELOF	PFQR	47
MAARTEN CORNELIA	PFQX	47
MARJA	PFUO	47
ONDERNEMING III	PGMV	47
PIETERTUE ELISABETH	PGIG	47
RIEKELT JACOBA	PHBC	47
SIMON	PHMX	47
TUEERO JACOBA	PHZQ	47
URSA MAJOR	PICN	47
VERTROUWEN	PIFM	47
WILLEM BEUKELSZ	PBVO	47
WILLY	PIQX	47
YVONNE YOLANDA	PIUW	47

Auxiliary Ships

AHOY	PCFN	21
AMELAND (Tanker)	PCOQ	37
ANTE TOPIC	6ZBK	38
ANTILLA CAPE	PJLP	37
ARTEAGA	5LQM	39
ATLANTIC KING	5LKC	37
AUSTRALIS	HOOJ	40
BALTICBORG	PCXO	21
BASILEA	HBFK	41
BASSEIN	XYMN	42
BEAUVAL	LMPY	37
BEREND N	PDAR	43
BLITAR	5LQJ	39
BOTHNIABORG	PDFV	21
BRITTENBURGH	PDGW	21
CASTAGNOLA	HBDZ	41
CHARLOTTE MAERSK	OYIU	38

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NETHERLANDS

CORIA	PDLE	21
DANIELLA	PJMV	37
DOMBURGH	PDRO	21
EASTERN GIANT	5LYK	37
EEMSTROOM	PDVY	44
ELLINIS	SWXX	40
GEESTOUIN	PEGZ	21
GEESTSLUIS	PEHA	21
GOEREE	PEJC	37
HERMAN BODEWES	PERG	43
HOEGH RAINBOW	LLDO	37
HOLLANDS BURCHT	PESX	37
JACOB TEEKMAN	PEYN	21
KAAP HOORN (Tanker)	PFGB	37
LANGKOEAS	ELOO	38
LION OF JUDAH	ETBB	45
MARALUNGA	ICVC	37
MARDULCE	LUQM	46
MISSISSIPPI	PGAC	37
MOSLI	JXYL	37
NAESS TEXAS	GMQE	44
NATA	5LIT	37
NOORDZEE (Tug/Tugboat)	PGJO	37
NOREAPE	OKJR	21
NORWAVE	GRYM	21
NORWIND	PGKO	21
OCEANUS	ERLW	44
ORE PRINCE	ELZK	21
PACIFIC	6ZNP	37
POOLZEE (Tug/Tugboat)	PGVE	37
PRINCESS IRENE	SYWR	48
QUEEN OF SHEEBA	ETBC	45
RODE ZEE (Tug/Tugboat)	PHCQ	37
SCHOUWEN	PHKE	37

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NETHERLANDS

SEALION	SXNO	37
SELJE	JXWP	37
SIRARA	5MAX	44
SPAARNESTROOM	PHQD	21
STOLT ARTEMIS	LATR	37
SUMBAWA	OYTR	38
TASMAN ZEE (Tug/Tugboat)	PHWT	37
TEXACO DENMARK	GNUB	49
THAMES	PHYO	37
THORSHAMMER	LJYC	37
TINA BRITANNIA	GOUU	49
TRINIDAD	LAMS	38
TYRIFJORO	LCQX	37
VENI	LIOB	37
VESTHAV	JXXP	37
VIRZAPAR	YTFV	38
VLIELAND	PIHD	37
VOORNE	PIIK	38
WITTE ZEE (Tug/Tugboat)	PIRD	37
YEH YUNG	BMDS	38

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NEW CALEDONIA

1

- 6 HONG KONG AND/OR JAPAN - GULF OF THAILAND
- 1 AUSTRALIA - NEW HEBRIDES
- 2 NEW CALEDONIA AND DEPENDENCIES (COASTAL SERVICE)
- 3 OCEANOGRAPHY

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NEW CALEDONIA

Selected Ships

CAPTAIN WALLIS	TPAQ	1	AN	MER	W	P	W	C	SS	HA	T	12.0	13.0
CORIOLIS	FMMZ	3	AN	MER	S	P	S	C	SS	A ST *	TMS 1	5.0	7.0
NICKEL I	FNRZ	2	AN	MER	S	P	S	C	SS	HA	TMS 1	14.0	16.0
NICKEL II	FNSA	2	AN	MER	S	P	VS	C	SS	HA	TMS 1	14.0	16.0
POLYNESIE	FOJG	1	AN	MER	W	P	W	C	SS	A +	TMS 1	13.0	20.0
PORT DE FRANCE	FSGP	1	AN	MER	W	P	W	BU	SS	HA	T	12.0	14.0

\* BAT: UTILISE PAR OCEANOGRAPHES, MAIS NON TRANSMIS

+ HA: EN RESERVE

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NEW ZEALAND

- 6 HONG KONG AND/OR JAPAN - GULF OF THAILAND
- 1 N.Z. - AUSTRALIA
- 2 N.Z. - CHATHAM ISLANDS
- 3 N.Z. COASTAL WATERS
- 4 N.Z. - EAST COAST NORTH AMERICA
- 5 N.Z. - EUROPE
- 6 N.Z. - PACIFIC ISLANDS
- 7 N.Z. - WEST COAST OF NORTH AMERICA
- 8 N.Z. - NORTH WEST PACIFIC
- 9 N.Z. - SOUTH AMERICA

## NEW ZEALAND

## Selected Ships

Ship Name	Code	Count	AN*	MER	S	P	S	C	OS	ST	TMS	Value
ACT 3 (U.K.)	GZKA	4	AN*	MER	S	P	S	C	OS		TMS	1 23.0
ACT 4 (U.K.)	GOVL	4	AN*	MER	S	P	S	C	OS		TMS	1 23.0
HOLMBURN	ZMFV	6	AN*	MER	S	P	S	C	OS		T	9.0
HOLMLEA	ZMGG	3	AN*	MER	S	P	S	C	SS		T	10.0
JAMES COOK	ZMJK	3,2	AN*	MER	S	P	S	C	OS	ST	T	8.0
KAIMIRD	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	ZMTZ	1	MER	MER	S	P	S	C	OS		TMS	1 10.0
KAITUNA	ZMHR	1	MER	MER	S	P	S	C	OS		TMS	1 13.0
KARAMU	ZMQ1	1	AN*	MER	S	P	S	C	OS		TMS	1 10.0
KAREPC	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	ZMKQ	1	AN*	MER	S	P	S	C	OS		TMS	1 12.0
KAWARGA	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
KORAKI	ZMDY	1	AN*	MER	S	P	S	C	OS		TMS	1 11.0
KORANUI	ZMBG	1	AN*	MER	S	P	S	C	OS		TMS	1 14.0
KOWHAI	ZMQU	1	AN*	MER	S	P	S	C	OS		TMS	1 12.0
KURUTAI	ZMQH	1	MER	MER	S	P	S	C	OS		TMS	1 12.0
LUHESAND (GERMANY)	DKPK	6,9	AN*	MER	S	P	S	C	OS		TMS	1 9.0
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
MOANA ROA	ZMF1	6	AN*	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
NGAPARA	ZMJT	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

NGATOHO	ZMRI	1	AN*	MER	S	P	S	C	OS	TMS	1	16.0
TARAWERA	ZMHF	1,6	AN*	MER	S	P	S	C	OS	TMS	1	14.0
TAVEUNI	ZMLR	6	AN*	MER	S	P	S	C	OS	TMS	1	14.0
TOFUA	ZMLI	6	AN*	MER	S	P	S	C	OS	TMS	1	14.0
VALETTA (NORWAY)	JXTJ	8	MER	MER	S	P	S	C	OS	TMS	1	18.0
WAIKARE	ZMCT	1	AN*	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	AN*	MER	S	P	S	C	OS	TMS	1	13.0

Supplementary Ships

AOTEAROA	ZMAC	8	AN	MER	S	P	S	C	OS	TMS	1	13.0		
ARAMOANA	ZMRD	3	AN	MER	S			C	OS	A	TMS	1	14.0	26.0
ARANUI	ZMUR	3	AN	MER	S			C	OS	A	TMS	1	14.0	26.0
HAWEA	ZMOM	3	MER	MER	S			C			TMS	1	13.0	
JEAN PHILIPPE	ZGWF	6,8	AN	MER	S	P	S	C	OS	T	+		9.0	

Auxiliary Ships

ATHEL VISCOUNT	GHKY	3
AUSTRAL PATRIOT (US)	KNKY	4
AUSTRAL PILOT (US)	KNKZ	4
CAP FINISTERRE (GERMANY)	DILH	7
CITY OF SYDNEY (UK)	GHCK	4
EA (LIBERIA)	SLUU	9
ERNE	GHWQ	3
HAMILTON	GGFE	3
HOLMDALE	ZMRA	3,2
KAINAI	ZMAB	3
LIGAR BAY	ZMFB	3
PARERA	ZMCF	3,6

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

THALLO (FIJI ISLANDS)		6
TIBER (NORWAY)	LAQN	5
TROJA (NORWAY)	JXUQ	6
WANAKA	ZMTJ	3

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PAKISTAN

- 6 HONG KONG AND/OR JAPAN - GULF OF THAILAND
- 1 KARACHI - AFRICA
- 2 KARACHI - BOMBAY - COLOMBO - CHITTAGONG (SUSPENDED)
- 3 KARACHI - CHITTAGONG (SUSPENDED)
- 4 KARACHI - CHITTAGONG - KARACHI (SUSPENDED)
- 5 KARACHI - COLOMBO - CHITTAGONG (SUSPENDED)
- 6 KARACHI - DUBAI
- 7 KARACHI - EUROPE
- 8 KARACHI - EUROPE - U.S.A.
- 9 KARACHI - GUADER
- 10 KARACHI - JEDDAH
- 11 KARACHI - U.S.A.
- 12 OCCASIONAL SAILING TO AMERICAN COAST
- 13 OCCASIONAL SAILING TO EUROPE AND EAST AFRICA
- 14 OCCASIONAL SAILING TO EUROPE AND U.S.A.
- 15 OCCASIONAL SAILING TO PERSIAN GULF

## PAKISTAN

## Selected Ships

MV ABASIN	AQVO	5,12	MER	MER	W	P	W	BU	OS		1
MV BAGH E KARACHI	AGVM	8	MER	MER	US	P	W	BU			1
MV KARIM	AQVE	2,9	MER	MER	S			BU	OS	M	1
MV SAFINA E ARAB	AQVA	5,10	MER	MER	W	P	W	BU			2
MV SHAMS	AGLN	5	MER	MER	A	P	A	C	SS		2
SS AL HUSAINI	AQAH	5,14	MER	MER	S			BU	OS	M	1
SS AL SAYYADA	AQAS	5	MER	MER	S			BU	OS	M	1
SS ANWARBAKSH	AQAM	5,13	MER	MER	W	P	W	BU	OS		1
SS FATEHABAD	AQEM	5	MER	MER	S						1
SS MUSTALI	AQLY	5	MER	MER	US	P	W	BU	OS		1
SS OCEAN ENDURANCE	AQBW	5	MER	MER	S			BU	OS		1
SS SAFINA E HUJAJ	AQLW	10,1	MER	MER	S	P	S	BU	OS		2
SS SAFINA E NUSRAT	AQLM	8	MER	MER	VS	P	VS	C	SS		2

## Supplementary Ships

MV KARNAPHULI	AQVP	11	MER	MER	W	P	W				1
MV OCEAN ENERGY	AQVB	3	MER	MER	US						2
MV WARSAK	AQMW	3,7	AN	MER	US						1
SS DACCA CITY	AQEO	3	MER	MER	US						1
SS IQBALBAKSH	AQLE	3	MER	MER			P	W			1
SS JEHANGIRABAD	AQEN	3	MER	MER							1
SS MOHENJODORO	AQNC	11	MER	MER							1
SS SADAQAT	AQVK	3	MER	MER	US						1
SS SURMA	AQGL	7	MER	MER	US						1

## Auxiliary Ships

MV AL MURTAZA	AQLZ	7	AN	MER	US					T	1
MV AL ABBAS	AQMH	4	AN	MER	US					T	1
MV BAGHE DACCA	AQVX	11	AN	MER	US					T	1

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PAKISTAN

MV MANSOOR	AQLA	7	AN	MER	US	T	1
MV MUSTANSIR	AQLJ	7	AN	MER	US	T	1
MV OHRMAZD	AQMX	3,15	AN	MER	US	T	2
MV RANGAMATI	AQNA	11	AN	MER	US	T	1
MV RUSTAM	AQEV	3	AN	MER	US	T	1
MV SIPSA	AQMB	7	AN	MER	US	T	1
SS AL AHMADI	AQLB	3	AN	MER	US	T	1
SS ANISBAKSH	AQLV	3	AN	MER	US	T	1
SS CHITTAGONG CITY	AQEL	3	AN	MER	US	T	1
SS ELYAS BAKSH	AQLX	3	AN	MER	US	T	1
SS FERUNOA	AQLF	3	AN	MER	US	T	1
SS IMTIAZBUX	AQLK	3	AN	MER	US	T	1
SS KADAR BAKSH	AQVV	11	AN	MER	US	T	1
SS KARATUA	AQMR	11	AN	MER	US	T	1
SS MAQBOOL BUX	ACLQ	3,15	AN	MER	US	T	1
SS MEHDI	AQLR	3	AN	MER	US	T	1
SS MOHD ABBAS	MAR4	6	AN	MER	US	T	1
SS OCEAN ENSIGN	AQBZ	3	AN	MER	US	T	1
SS OCEAN ENTERPRISE	AQLO	11	AN	MER	US	T	1
SS OCEAN ENVOY	AQBT	5	AN	MER	US	T	1
SS SAFINA E BARKAT	AQLI	8	AN	MER	US	T	1
SS SAFINA E ISMAIL	AQGJ	8	AN	MER	US	T	1
SS SUJAAT	AQVL	3	AN	MER	US	T	1

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PHILIPPINES

- 6 HONG KONG AND/OR JAPAN - GULF OF THAILAND
- 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)

## PHILIPPINES

## Selected Ships

Ship Name	Code	Count	Origin	Port	Service	Class	Remarks	MS	Value
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	ALC	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	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	MS	1
PHIL. ANTONIO LUNA	DZRT	5	AN	ALC	S	P	C	MS	1
PHIL. BATAAN	DZRO	5	AN	MER	S	P	C	MS	1
PHIL. CORREGIDOR	DZRS	5	AN	MER	S	P	C	MS	1
PHIL. PRES. MAGSAYSAY	DZRJ	5	AN	MER	S	P	C	MS	1
PHIL. PRESIDENT GARCIA	DZRZ	5	AN	ALC	S	P	C	MS	1
PHIL. PRESIDENT OSMENA	DZRW	5	AN	ALC	S	P	C	MS	1
PHIL. PRESIDENT QUEZUN	DZRE	5	AN	MER	S	P	C	MS	1
PHIL. PRESIDENT QUIRINO	DZRK	5	AN	MER	S	P	C	MS	1
PHIL. PRESIDENT RUXAS	DZRX	5	AN	MER	S	P	C	MS	1
PHILIPPINES	DZRG	5	AN	ALC	S	P	C	MS	1
PHILIPPINES RIZAL	DZRF	5	AN	MER	S	P	C	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

ALEXANDRIA BOTELHO	DVOQ	1	AN	ALC	S	P	C		A	MS	1	26.0
DON ANTONIO (LIBERIA)	5MZH	5	AN	ALC	S	P	C		A	MS	1	24.0
DON JACINTO II	DVEL	1	AN	ALC	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	
M/S BACOLOD (LIBERIA)	5MND	3	AN	MER	S	P	SL			MS	1	19.0
M/S DON HERMAN II	DVEK	4	AN				C		MIN ST A	MS	1	14.0
M/S JERRY EVEREST (LIB)	5LDY	1	AN							MS	1	16.0
M/S LUISITA BOT LHO II	DUCT	1	AN				C		A	MS	1	13.0
M/S PRESIDENT	DVJC	1	AN	MER	S	P	C	OS	A	MS	1	20.0
M/V CEBU TRANSPORT	DYDF	1	AN							MS	1	9.0
ORIENTAL AMETHYST	DUMB	1	AN	ALC	S	P	C			MS	1	
PRESIDENT AGUINALDO	DZHA	1	AN	ALC	S	P	C		A	MS	1	24.0
PRESIDENT GARCIA	DZHC	4	AN	MER	S	P	C			MS	1	
PRESIDENT LAUREL	DZHB	1	AN	ALC	S	P	C			MS	1	
PRESIDENT MACAPAGAL	DZHO	5	AN	MER	S	P	C			MS	1	
PRESIDENT MAGSAYSAY	DZHY	4	AN	ALC	S	P	C			MS	1	
PRESIDENT MARCOS	DZHF	5	AN	MER	S	P	C			MS	1	
PRESIDENT OSMENA	DZHE	5	AN	ALC	S	P	C		A	MS	1	24.0
PRESIDENT QUEZON	DZHZ	4	AN	ALC	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

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PHILIPPINES

RAY	DUDZ	1	AN	MER	S	P	C	MS	1
REB	DUDY	1	AN	MER	S	P	C	MS	1
ROSARIO	DVAM	6	AN	ALC	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
SIRIUS	DZDN	3	AN	MER	S	P	C	MS	1

Auxiliary Ships

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RESEARCHER I                    DUFH    8            AN    ALC    S    P            BU C                    MAX MIN ST A            MS 1            12.0

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POLAND

- 6 HONG KONG AND/OR JAPAN - GULF OF THAILAND
- 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

## Selected Ships

ADOLF WARSKI	SPNM	1	AN	MER	A	P	A	C	SS	HA	TMS	1	11.0	13.0
ALEKSANDER ZAWADZKI	SPUJ	1	AN	MER	A	P	A	C	SS	HA	TMS	1	11.0	13.0
ANDRZEJ STRUG	SPSX	1	AN	MER	A	P	A	C	SS	HA	TMS	1	12.0	15.0
BIESZCZADY	SPYH	1	AN	MER	A	P	A	C	SS	HA	TMS	1	14.0	16.0
BOLESŁAW CHROBRY	SPXM	3	AN	MER	A	P	A	C	SS	HA	TMS	1	12.0	14.0
BOLESŁAW KRZYWOUSTY	SPYA	7	AN	MER	A	P	A	C	SS	HA	TMS	1	12.0	14.0
BOLESŁAW SMIALY	SPXN	3	AN	MER	A	P	A	C	SS	HA	TMS	1	12.0	14.0
BRODNICA	SPQM	4	AN	MER	A	P	A	C	SS	HA	TMS	1	9.0	11.0
BYOGOSZCZ	SPQD	6	AN	MER	A	P	A	C	SS	HA	TMS	1	9.0	11.0
CHEMIK	SPTM	9	AN	MER	A	P	A	C	SS	HA	TMS	1	15.0	17.0
CZACKI	SPTZ	3	AN	MER	A	P	A	C	SS	HA	TMS	1	11.0	13.0
DOLNY ŚLĄSK	SPXD	9	AN	MER	A	P	A	C	SS	HA	TMS	1	14.0	16.0
DOMEYKO	SPRM	4	AN	MER	A	P	A	C	SS	HA	TMS	1	11.0	13.0
EMILIA PLATER	SPNW	7	AN	MER	A	P	A	C	SS	HA	TMS	1	11.0	13.0
ENERGETYK	SPUF	9	AN	MER	A	P	A	C	SS	HA	TMS	1	15.0	17.0
FLORIAN CEYNOWA	SPMF	1	AN	MER	A	P	A	C	SS	HA	TMS	1	11.0	13.0
FRANCESCO NULLO	SPTD	7	AN	MER	A	P	A	C	SS	HA	TMS	1	10.0	12.0
GENERAL SIKORSKI	SPMP	1	AN	MER	A	P	A	C	SS	HA	TMS	1	11.0	13.0
GŁOGÓW	SPTC	2	AN	MER	A	P	A	C	SS	HA	TMS	1	9.0	11.0
GRUZIADZ	SPSU	2	AN	MER	A	P	A	C	SS	HA	TMS	1	9.0	11.0
GRUNWALD	SPXQ	7	AN	MER	A	P	A	C	SS	HA	TMS	1	12.0	14.0
GRYF POMORSKI	SPUZ	4	AN	MER	A	P	A	C	SS	HA	TMS	1	16.0	18.0
GUARDIA LUDOWA	SPYQ	7	AN	MER	A	P	A	C	SS	HA	TMS	1	11.0	13.0
HANKA SAWICKA	SPSB	1	AN	MER	A	P	A	C	SS	HA	TMS	1	11.0	13.0
HANOI	SPPM	1	AN	MER	A	P	A	C	SS	HA	TMS	1	11.0	13.0
HEL	SPZU	1	AN	MER	A	P	A	C	SS	HA	TMS	1	15.0	17.0
HENRYK JENDZA	SPVG	3	AN	MER	A	P	A	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	A	P	A	C	SS	HA	TMS	1	11.0	13.0
JANEK KRASICKI	SPPO	1	AN	MER	A	P	A	C	SS	HA	TMS	1	11.0	13.0
JASTARNIA BOR	SQAO	1	AN	MER	A	P	A	C	SS	HA	TMS	1	15.0	17.0

## POLAND

JOZEF CONRAD	SPQT	1	AN	MER	A	P	A	C	SS	A	TMS	1	11.0	13.0
JOZEF WYBICKI	SPXH	7	AN	MER	A	P	A	C	SS	HA	TMS	1	11.0	13.0
JURATA	SWAJ	1	AN	MER	A	P	A	C	SS	HA	TMS	1	15.0	17.0
K.I. GALCZYNSKI	SPTY	4	AN	MER	A	P	A	C	SS	HA	TMS	1	11.0	13.0
KAPITAN KOSKO	SPLS	7	AN	MER	A	P	A	C	SS	HA	TMS	1	11.0	13.0
KOCHANOWSKI	SPQU	1	AN	MER	A	P	A	C	SS	HA	TMS	1	11.0	13.0
KOPALNIA SZCZYGLOWICE	SPZA	9	AN	MER	A	P	A	C	SS	HA	TMS	1	16.0	18.0
KRYNICA	SPNI	4	AN	MER	A	P	A	C	SS	HA	TMS	1	9.0	11.0
KUJAWY	SPXW	9	AN	MER	A	P	A	C	SS	HA	TMS	1	14.0	16.0
KUZNICA	SQAT	1	AN	MER	A	P	A	C	SS	HA	TMS	1	15.0	17.0
LECHISTAN II	SPVJ	2	AN	MER	A	P	A	C	SS	HA	TMS	1	8.0	10.0
LEGNICA	SPNL	7	AN	MER	A	P	A	C	SS	HA	TMS	1	9.0	11.0
LELEWEL	SPRU	1	AN	MER	A	P	A	C	SS	HA	TMS	1	10.0	12.0
LENINGRAD	SPTW	7	AN	MER	A	P	A	C	SS	HA	TMS	1	10.0	12.0
LENINO	SPTO	7	AN	MER	A	P	A	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
LUCJAN SZENWALD	SQAY	1	AN	MER	A	P	A	C	SS	HA	TMS	1	13.0	15.0
LUDWIK SOLSKI	SPPP	1	AN	MER	A	P	A	C	SS	HA	TMS	1	11.0	13.0
MARCELI NOWOTKO	SPKB	1	AN	MER	A	P	A	C	SS	HA	TMS	1	11.0	13.0
MIESZKO I	SPVN	3	AN	MER	A	P	A	C	SS	HA	TMS	1	12.0	14.0
MONTE CASSINO	SPNG	2	AN	MER	A	P	A	C	SS	HA	TMS	1	9.0	11.0
NORWID	SPRC	7	AN	MER	A	P	A	C	SS	HA	TMS	1	10.0	12.0
NOWA HUTA	SPCC	2	AN	MER	A	P	A	C	SS	HA	TMS	1	9.0	11.0
OJCOW	SPOU	2	AN	MER	A	P	A	C	SS	HA	TMS	1	8.0	10.0
OLESNICA	SPNK	7	AN	MER	A	P	A	C	SS	HA	TMS	1	9.0	11.0
OLIWA	SPNZ	2	AN	MER	A	P	A	C	SS	HA	TMS	1	9.0	11.0
OLKUSZ	SPPU	2	AN	MER	A	P	A	C	SS	HA	TMS	1	9.0	11.0
ORLOWO	SPOT	2	AN	MER	A	P	A	C	SS	HA	TMS	1	9.0	11.0
PAWEL SZWYDKOJ	SPUG	3	AN	MER	A	P	A	C	SS	HA	TMS	1	10.0	12.0
PEKIN	SPPO	1	AN	MER	A	P	A	C	SS	HA	TMS	1	11.0	13.0
PHENIAN	SPQN	1	AN	MER	A	P	A	C	SS	HA	TMS	1	10.0	12.0
PIOTR DUNIN	SPVK	7	AN	MER	A	P	A	C	SS	HA	TMS	1	10.0	12.0
POLANICA	SPNJ	4	AN	MER	A	P	A	C	SS	HA	TMS	1	9.0	11.0
POMORZE	SPVR	4	AN	MER	A	P	A	C	SS	HA	TMS	2	16.0	18.0

## POLAND

PULKOWNIK DABEK	SPZR	7	AN	MER	A	P	A	C	SS	HA	TMS	1	11.0	13.0
ROMER	SPTH	4	AN	MER	A	P	A	C	SS	HA	TMS	1	11.0	13.0
SANDOMIERZ	SPVI	2	AN	MER	A	P	A	C	SS	HA	TMS	1	9.0	11.0
SANOK	SPVC	2	AN	MER	A	P	A	C	SS	HA	TMS	1	9.0	11.0
SIENKIEWICZ	SPOZ	3	AN	MER	A	P	A	C	SS	HA	TMS	1	10.0	12.0
SLUPSK	SPUK	2	AN	MER	A	P	A	C	SS	HA	TMS	1	9.0	11.0
SMOLNY	SPYC	7	AN	MER	A	P	A	C	SS	HA	TMS	1	11.0	13.0
SNIADOCKI	SPSY	4	AN	MER	A	P	A	C	SS	HA	TMS	1	11.0	13.0
SOPOT	SPUS	2	AN	MER	A	P	A	C	SS	HA	TMS	1	9.0	11.0
STANISLAW DUBOIS	SPTK	7	AN	MER	A	P	A	C	SS	HA	TMS	1	10.0	12.0
STASZIC	SPSW	3	AN	MER	A	P	A	C	SS	HA	TMS	1	11.0	13.0
STEFAN BATORY	SPYM	4	AN	MER	A	P	A	C	SS	HA	TMS	3	15.0	17.0
STEFAN CZARNIECKI	SPXJ	7	AN	MER	A	P	A	C	SS	HA	TMS	1	12.0	14.0
STEFAN OKRZEJA	SPLA	1	AN	MER	A	P	A	C	SS	HA	TMS	1	11.0	13.0
SZCZAWNICA	SPRS	7	AN	MER	A	P	A	C	SS	HA	TMS	1	9.0	11.0
SZYMANOWSKI	SPQJ	1	AN	MER	A	P	A	C	SS	HA	TMS	1	12.0	14.0
TRAUGUTT	SPTX	7	AN	MER	A	P	A	C	SS	HA	TMS	1	10.0	12.0
WESTERPLATTE	SPXI	7	AN	MER	A	P	A	C	SS	HA	TMS	1	13.0	15.0
WLADYSLAW BRONIEWSKI	SPTG	1	AN	MER	A	P	A	C	SS	HA	TMS	1	11.0	13.0
WLADYSLAW JAGIELLO	SPYG	7	AN	MER	A	P	A	C	SS	HA	TMS	1	12.0	14.0
WLADYSLAW ORKAN	SQCA	1	AN	MER	A	P	A	C	SS	HA	TMS	1	13.0	15.0
WYSPIANSKI	SPQV	3	AN	MER	A	P	A	C	SS	HA	TMS	1	11.0	13.0
ZABRZE	SPYU	4	AN	MER	A	P	A	C	SS	HA	TMS	1	12.0	14.0
ZAKOPANE	SPYD	4	AN	MER	A	P	A	C	SS	HA	TMS	1	10.0	12.0
ZAMBROW	SPZJ	4	AN	MER	A	P	A	C	SS	HA	TMS	1	12.0	14.0
ZAMENHOF	SPOY	1	AN	MER	A	P	A	C	SS	HA	TMS	1	12.0	14.0
ZAMOSC	SPYV	4	AN	MER	A	P	A	C	SS	HA	TMS	1	10.0	12.0
ZAWICHOST	SPZW	4	AN	MER	A	P	A	C	SS	HA	TMS	1	12.0	14.0
ZAWIERCIE	SPZN	4	AN	MER	A	P	A	C	SS	HA	TMS	1	12.0	14.0
ZEROMSKI	SPPK	3	AN	MER	A	P	A	C	SS	HA	TMS	1	10.0	12.0
ZIEMIA BYOGOSKA	SPUJ	9	AN	MER	A	P	A	C	SS	HA	TMS	1	16.0	18.0
ZIEMIA GDANSKA	SPVA	9	AN	MER	A	P	A	C	SS	HA	TMS	1	16.0	18.0
ZIEMIA KRAKOWSKA	SQBL	9	AN	MER	A	P	A	C	SS	A	TMS	1	16.0	18.0
ZIEMIA MAZOWIECKA	SPUV	9	AN	MER	A	P	A	C	SS	HA	TMS	1	16.0	18.0

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## POLAND

ZYGMUNT AUGUST	SQBQ	7	AN	MER	A	P	A	C	SS	HA	TMS 1	12.0	14.0
ZYGMUNT STARY	SQBP	7	AN	MER	A	P	A	C	SS	HA	TMS 1	12.0	14.0

## Supplementary Ships

BESKICY	SPPJ	2	AN	MER	S			C	SS	HA	TMS 1	13.0	15.0
CZESTOCHOWA	SPVO	6	AN	MER	A	P	A	C	SS	HA	TMS 1	9.0	11.0
GDANSK	SPHA	2	AN	MER	A	P	A	C	SS	HA	TMS 1	9.0	11.0
GDYNIA II	SPVP	6	AN	MER	A	P	A	C	SS	HA	TMS 1	10.0	12.0
GLIWICE II	SPVQ	9	AN	MER	A	P	A	C	SS	HA	TMS 1	16.0	18.0
GORLICE	SPTL	2	AN	MER	A	P	A	C	SS	HA	TMS 1	9.0	11.0
GORNIK	SPUO	9	AN	MER	A	P	A	C	SS	HA	TMS 1	15.0	17.0
GORNY SLASK	SPXC	9	AN	MER	A	P	A	C	SS	HA	TMS 1	14.0	16.0
HUTNIK	SPST	9	AN	MER	A	P	A	C	SS	HA	TMS 1	15.0	17.0
JAN ZIZKA	SPQL	2	AN	MER	A	P	A	C	SS	HA	TMS 1	9.0	11.0
JASLC	SPXG	5	AN	MER	A	P	A	C	SS	HA	TMS 1	8.0	10.0
KARPATY	SPUD	2	AN	MER	A	P	A	C	SS	HA	TMS 1	13.0	15.0
KOLEJARZ	SPSR	9	AN	MER	A	P	A	C	SS	HA	TMS 1	15.0	17.0
KONIN	SPYR	7	AN	MER	A	P	A	C	SS	HA	TMS 1	13.0	15.0
KONOFNICKA	SPQI	1	AN	MER	A	P	A	C	SS	HA	TMS 1	11.0	13.0
KOPALNIA JEZIORKO	SQAR	9	AN	MER	A	P	A	C	SS	HA	TMS 1	13.0	15.0
KOPALNIA KLEOFAS	SPYS	9	AN	MER	A	P	A	C	SS	HA	TMS 1	16.0	18.0
KOPALNIA MARCEL	SPZG	9	AN	MER	A	P	A	C	SS	HA	TMS 1	16.0	18.0
KOPALNIA MOSZOZENICA	SPXX	9	AN	MER	A	P	A	C	SS	HA	TMS 1	16.0	18.0
KOPALNIA PIASECZNO	SQAM	9	AN	MER	S	P	S	C	SS	HA	TMS 1	13.0	15.0
KOPALNIA SOSNICA	SPYK	9	AN	MER	A	P	A	C	SS	HA	TMS 1	16.0	18.0
KOPALNIA WIREK	SPYO	9	AN	MER	A	P	A	C	SS	HA	TMS 1	16.0	18.0
KOPERNIK	SPBM	2	AN	MER	A	P	A	C	SS	HA	TMS 1	9.0	11.0
KRAKOW	SPUD	6	AN	MER	A	P	A	C	SS	HA	TMS 1	9.0	11.0
KRUSZWICA	SPRE	7	AN	MER	A	P	A	C	SS	HA	TMS 1	9.0	11.0
LODZ	SPUB	6	AN	MER	A	P	A	C	SS	HA	TMS 1	9.0	11.0
LUBLIN	SPUC	6	AN	MER	A	P	A	C	SS	HA	TMS 1	9.0	11.0
MANIFEST LIPCOWY	SQAA	9	AN	MER	A	P	A	C	SS	A	TMS 1	18.0	20.0
METALOWIEC	SPUN	9	AN	MER	A	P	A	C	SS	HA	TMS 1	15.0	17.0

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## POLAND

ORNETA	SPRD	2	AN	MER	A	P	A	C	SS	HA	TMS	1	9.0	11.0
PODHALE	SPXT	9	AN	MER	A	P	A	C	SS	HA	TMS	1	14.0	16.0
RADOM	SPUY	6	AN	MER	A	P	A	C	SS	HA	TMS	1	9.0	11.0
RZESZOW	SPVE	6	AN	MER	A	P	A	C	SS	HA	TMS	1	9.0	11.0
SIEKIERKI	SQBK	9	AN	MER	A	P	A	C	SS	HA	TMS	1	18.0	20.0
STOCZNIOWIEC	SPTP	9	AN	MER	A	P	A	C	SS	HA	TMS	1	15.0	17.0
SWIDNICA	SPPL	6	AN	MER	A	P	A	C	SS	HA	TMS	1	9.0	11.0
TRANSPORTOWIEC	SPTQ	9	AN	MER	A	P	A	C	SS	HA	TMS	1	15.0	17.0
WISLICA	SPRR	6	AN	MER	A	P	A	C	SS	HA	TMS	1	9.0	11.0
WLADYSLAWOWO	SQCS	1	AN	MER	A	P	A	C	SS	HA	TMS	1	15.0	17.0
WLOKNIARZ	SPVB	9	AN	MER	A	P	A	C	SS	HA	TMS	1	15.0	17.0
ZAGLEBIE DABROWSKIE	SPXB	9	AN	MER	A	P	A	C	SS	HA	TMS	1	16.0	18.0
ZAGLEBIE MIEDZIOWE	SQBO	9	AN	MER	A	P	A	C	SS	HA	TMS	1	13.0	15.0
ZIEMIA KIELECKA	SPXV	9	AN	MER	A	P	A	C	SS	HA	TMS	1	16.0	18.0
ZIEMIA KOSZALINSKA	SPXU	9	AN	MER	A	P	A	C	SS	HA	TMS	1	16.0	18.0
ZIEMIA LUBUSKA	SPUH	9	AN	MER	A	P	A	C	SS	HA	TMS	1	16.0	18.0
ZIEMIA SZCZECINSKA	SPUI	9	AN	MER	S	P	S	C	SS	HA	TMS	1	16.0	18.0
ZIEMIA WIELKOPOLSKA	SPUT	9	AN	MER	A	P	A	C	SS	HA	TMS	1	16.0	18.0

## Auxiliary Ships

ANDRZEJ BOROWY	SPSI	8	AN	MER	A	P	A	C	SS	HA	TMS	1	4.0	6.0
BALTYK	SPFH	9	AN	MER	A	P	A	C	SS	HA	TMS	1	9.0	11.0
CHRZANOW	SPYI	9	AN	MER	A	P	A	C	SS	A	TMS	1	8.0	10.0
CIECHANOW	SQAB	9	AN	MER	S			C	SS	HA	TMS	1	8.0	10.0
CIEPLICE ZDROJ	SQAE	5	AN	MER	A	P	A	C	SS	HA	TMS	1	8.0	10.0
CIESZYN	SPMN	9	AN	MER	A	P	A	C	SS	HA	TMS	1	8.0	10.0
CZWARTACY AL	SQAH	9	AN	MER	A	P	A	C	SS	HA	TMS	1	18.0	20.0
DAR POMORZA	SPCB	9	AN	MER	A	P	A	C	SS	HA	TMS	1	3.0	5.0
DUSZNIKI ZDROJ	SPZT	5	AN	MER	A	P	A	C	SS	HA	TMS	1	8.0	10.0
ELBLAG	SPBZ	5	AN	MER	A	P	A	C	SS	HA	TMS	1	7.0	9.0
EUGENIE COTTON	SQAK	9	AN	MER	A	P	A	C	SS	A	TMS	1	10.0	12.0
HUGO KOLLATAJ	SPEQ	3	AN	MER	A	P	A	C	SS	HA	TMS	1	10.0	12.0
JAROSLAW DABROWSKI	SPBP	5	AN	MER	A	P	A	C	SS	HA	TMS	1	9.0	11.0

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## POLAND

JELENIA GORA	SPSC	6	AN	MER	A	P	A	C	SS		TMS	1	6.0	8.0
KAPITAN KANSKI	SPSU	8	AN	MER	A	P	A	C	SS	HA	TMS	1	4.0	6.0
KAPITAN M. STANKIEWICZ	SPSP	8	AN	MER	A	P	A	C	SS	HA	TMS	1	4.0	6.0
KAPITAN ZIOLKOWSKI	SPSS	8	AN	MER	A	P	A	C	SS	HA	TMS	1	4.0	6.0
KEDZIERZYN	SQAG	9	AN	MER	A	P	A	C	SS	A	TMS	1	10.0	12.0
KOLOBRZEG II	SPUA	6	AN	MER	A	P	A	C	SS	HA	TMS	1	8.0	10.0
KOSZALIN	SPQF	5	AN	MER	A	P	A	C	SS	HA	TMS	1	5.0	7.0
KUTNO II	SPYY	9	AN	MER	A	P	A	C	SS	A	TMS	1	8.0	10.0
MARYNARZ MIGALA	SPSQ	8	AN	MER	A	P	A	C	SS	HA	TM	1	4.0	6.0
MAZURY	SPAL	9	AN	MER	S	P	S	C	SS	HA	TM	1	6.0	8.0
MODLIN	SPRA	5	AN	MER	A	P	A	C	SS	HA	TMS	1	5.0	7.0
NALECZOW	SPZI	5	AN	MER	A	P	A	C	SS	HA	TMS	1	8.0	10.0
NOWY SACZ	SPZS	9	AN	MER	A	P	A	C	SS	A	TMS	1	10.0	12.0
OBRONCY POCZTY	SQAS	9	AN	MER	A	P	A	C	SS	HA	TMS	1	18.0	20.0
OSWIECIM	SPUM	2	AN	MER	A	P	A	C	SS		TMS	1	8.0	10.0
PIAST	SPBS	9	AN	MER	A	P	A	C	SS	HA	TMS	1	8.0	10.0
PIOLTRKOW TRYBUNALSKI	SPYJ	9	AN	MER	A	P	A	C	SS	HA	TMS	1	8.0	10.0
PLOCK	SPUQ	6	AN	MER	A	P	A	C	SS	HA	TMS	1	8.0	10.0
PRZEMYSL	SPZH	9	AN	MER	A	P	A	C	SS	A	TMS	1	8.0	10.0
RYBNIK	SPUL	6	AN	MER	A	P	A	C	SS	A	TMS	1	8.0	10.0
STARACHOWICE	SPVZ	9	AN	MER	A	P	A	C	SS	A	TMS	1	8.0	10.0
SUWALKI	SPYT	9	AN	MER	A	P	A	C	SS		TMS	1	8.0	10.0
SWINOUJSCIE	SPXZ	5	AN	MER	A	P	A	C	SS	A	TMS	1	7.0	9.0
SZCZECIN	SPHE	9	AN	MER	A	P	A	C	SS	HA	TMS	1	6.0	8.0
TARNOW	SPZM	8	AN	MER	A	P	A	C	SS	HA	TMS	1	8.0	10.0
UNIWERSYTET JAGIELLONSKI	SQAZ	9	AN	MER	A	P	A	C	SS	HA	TMS	1	20.0	22.0
UNIWERSYTET TORUNSKI	SQCB	9	AN	MER	A	P	A	C	SS	HA	TMS	1	20.0	22.0
WADOWICE	SPYP	9	AN	MER	A	P	A	C	SS	A	TMS	1	8.0	10.0
WARMIA	SPAK	9	AN	MER	A	P	A	C	SS	HA	TM	1	6.0	8.0
WARNA	SPXS	9	AN	MER	A	P	A	C	SS	A	TMS	1	8.0	10.0
WOLIN	SPPD	5	AN	MER	A	P	A	C	SS	HA	TMS	1	5.0	7.0
WROCLAW II	SQAP	9	AN	MER	A	P	A	C	SS	A	TMS	1	10.0	12.0
ZIELONA GORA	SPRT	9	AN	MER	S			C	SS	HA	TMS	1	6.0	8.0
ZYWIEC	SPXF	6	AN	MER	A	P	A	C	SS	HA	TMS	1	8.0	10.0

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PORTUGAL

- 6 HONG KONG AND/OR JAPAN - GULF OF THAILAND
- 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 TANGRA VIA MEDITERRANEAN AND SUEZ
- 10 SOUTH AMERICAN PORTS
- 11 WEST AFRICAN PORTS
- 12 WEST AND EAST AFRICAN PORTS
- 13 WESTERN EUROPEAN PORTS

## PORTUGAL

## Selected Ships

Ship Name	Code	Count	Origin	Port	Service	Destination	Category	SS	MS	TMS
ACORES	CSBA	7	AN	MER	S	P	S	C	SS	MS 1
ALCOBACA	CSEQ	2	AN	MER	S	P	S	C	SS	MS 1
ALENQUER	CSFW	2	AN	MER	S	P	S	C	SS	MS 1
ALFREDO DA SILVA	CSAK	11	AN	MER	S	P	S	C	SS	MS 2
ALMEIRIM	CSGU	8,11	AN	MER	S	P	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	MER	S	P	S	C	SS	MS 1
ANGOLA	CSCR	12	AN	MER	S	P	S	C	SS	MS 3
ANGRA DO HEROISMO	CSBP	5	AN	MER	VS	P	VS	C	SS	TMS 2
ARRAIÓLOS	CSIS	2	AN	MER	S	P	S	C	SS	MS 1
BAIA DE S.BRAZ	CSCP	11	AN	MER	VS	P	VS	C	SS	TMS 1
BAILUNDO	CSAZ	12	AN	MER	VS	P	VS	C	SS	TMS 1
BEIRA	CSAC	12	AN	MER	VS	P	VS	C	SS	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
BRAGA	CSIN	1,8	AN	MER	S	P	S	C	SS	MS 1
BRAGANCA	CSIV	2	AN	MER	S	P	S	C	SS	MS 1
CABINOA	CSCA	12	AN	MER	VS	P	VS	C	SS	TMS 1
CABO BOJADOR	CSDC	11	AN	MER	VS	P	VS	C	SS	TMS 1
CABO VERDE	CSDB	11	AN	MER	VS	P	VS	C	SS	TMS 1
CARVALHO ARAUJO	CSDD	8,12	AN	MER	VS	P	VS	C	SS	TMS 1
CASSINGA	CSCG	2,12	AN	MER	VS	P	VS	C	SS	TMS 1
CERCAL	CSMF	1,9	AN	MER	VS	P	VS	C	SS	MS 1
CONGO	CSCV	8,11	AN	MER	VS	P	VS	C	SS	TMS 1
CUNENE	CSCC	12	AN	MER	VS	P	VS	C	SS	TMS 1
DONDO	CSAX	9	AN	MER	VS	P	VS	C	SS	MS 1
ERATI	CSBC	1,9	AN	MER	VS	P	VS	C	SS	MS 1
FAIAL	CSLH	5	AN	MER	VS	P	VS	C	SS	TMS 1
FOGO	CSBD	1,9	AN	MER	VS	P	VS	C	SS	TMS 1
FRIGOMAR	CSCN	11	AN	MER	VS	P	VS	C	SS	TMS 1

## PORTUGAL

FUNCHALL	CSBM	5	AN	MER	VS	P	VS	C	SS	TMS	2
GANDA	CSEC	12	AN	MER	S	P	S	C	SS	MS	1
GERES	CSBK	9	AN	MER	VS	P	VS	C	SS	TMS	1
GIL EANES	CSAU	6	AN	MER	S	P	S	C	SS	MS	1
HERMINIOS	CSBH	1,9	AN	MER	VS	P	VS	C	SS	TMS	1
HORTA	CSLO	7	AN	MER	S	P	S	C	SS	MS	1
IMPERIO	CSJE	12	AN	MER	VS	P	VS	C	SS	MS	3
INAGO	CSAG	1,9	AN	MER	VS	P	VS	C	SS	TMS	1
INFANTE D.HENRIQUE	CSB1	12	AN	MER	VS	P	VS	C	SS	TMS	3
JECI	CSAD	1,9	AN	MER	VS	P	VS	C	SS	TMS	1
LAGOA	CSAR	5,8	AN	MER	S	P	S	C	SS	MS	1
LAROUCO	CSAI	1,9	AN	MER	VS	P	VS	C	SS	TMS	1
LEIXOES	CSAV	12	AN	MER	VS	P	VS	C	SS	TMS	1
LOBITO	CSBB	12	AN	MER	S	P	S	C	SS	TMS	1
LUANDA	CSJF	12	AN	MER	S	P	S	C	SS	MS	1
MALANGE	CSCD	8,12	AN	MER	VS	P	VS	C	SS	TMS	1
MANICA	CSCW	8,12	AN	MER	VS	P	VS	C	SS	TMS	1
MANUEL ALFREDO	CSBF	8,11	AN	MER	S	P	S	C	SS	MS	1
MOCAMBIQUE	CSEI	12	AN	MER	S	P	S	C	SS	MS	3
MOCAMEDES	CSAP	12	AN	MER	S	P	S	C	SS	MS	2
MONTE BRAZIL	CSLP	7,8	AN	MER	S	P	S	C	SS	MS	1
MUXIMA	CSCU	8,11	AN	MER	VS	P	VS	C	SS	TMS	1
NACALA	CSBW	12	AN	MER	VS	P	VS	C	SS	TMS	1
NIASSA	CSAW	11	AN	MER	S	P	S	C	SS	MS	3
NOVA LISBOA	CSCI	12	AN	MER	VS	P	VS	C	SS	MS	1
NOVO REDONDO	CSBZ	12	AN	MER	VS	P	VS	C	SS	TMS	1
PATRIA	CSLX	12	AN	MER	VS	P	VS	C	SS	MS	3
PONTA GARCA	CSBJ	5,8	AN	MER	S	P	S	C	SS	TMS	1
PORTO	CSBR	12	AN	MER	VS	P	VS	C	SS	TMS	1
PORTO DE AVEIRO	CSBV	11	AN	MER	VS	P	VS	C	SS	TMS	1
PRINCIPE PERFEITO	CSBL	12	AN	MER	VS	P	VS	C	SS	TMS	3
QUELIMANE	CSAT	12	AN	MER	VS	P	VS	C	SS	TMS	1
RIBEIRA GRANGE	CSLQ	7	AN	MER	S	P	S	C	SS	MS	1
RIO QUANZA	CSCX	2	AN	MER	VS	P	VS	C	SS	TMS	1

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PORTUGAL

RIO ZAIRE	CSLK	2	AN	MER	VS	P	VS	C	SS	TMS	1
RIO ZAMBESE	CSCZ	2	AN	MER	VS	P	VS	C	SS	TMS	1
RITA MARIA	CSLZ	11	AN	MER	S	P	S	C	SS	MS	2
ROCADAS	CSCQ	8,12	AN	MER	VS	P	VS	C	SS	TMS	1
ROVUMA	CSAY	4	AN	MER	S	P	S	C	SS	MS	1
SANTA MARIA	CSAL	10	AN	MER	S	P	S	C	SS	MS	3
SERPA PINTO	CSCS	8,11	AN	MER	VS	P	VS	C	SS	TMS	1
TIMOR	CSKN	4	AN	MER	S	P	S	C	SS	MS	3
TRANSFRIO	CSLV	11	AN	MER	VS	P	VS	C	SS	TMS	1
UIGE	CSAN	11	AN	MER	S	P	S	C	SS	MS	3
VERA CRUZ	CSAJ	10	AN	MER	S	P	S	C	SS	MS	3

Supplementary Ships

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ANTONIO CARLOS                   CSJO    8,11       AN    MER    S                   C       SS                   MS    1

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SAINT PIERRE ET MIGUELON

1

6 HONG KONG AND/OR JAPAN - GULF OF THAILAND

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SAINT PIERRE ET MIGUELON

Selected Ships

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CROYOS	FNBA	1	AN	MER	W	P	W	C	SS	BAT HA	TMS 1	9.0	10.0
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SINGAPORE

1

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

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SINGAPORE

Selected Ships

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GOLDEN CITY	9VKQ	2	AN	MER	S	P	S	BU	SS		MS	1	14.0	
GOLDEN HARBOUR	9VMM	3	AN	MER	S	P	S	BU	SS		MS	1	15.0	
GOLDEN LION	9VVR	2	AN	MER	S	P	S	BU	OS		MS	1	15.0	
GOLDEN SUMMER	9VNC	4	MER	MER	S	P	S	BU	SS		MS	1	15.0	
GOLDEN TOWER	9VRT	4	AN	MER	S	P	S	BU	OS		MS	1	13.0	
GOLDEN WONDER	9VJC	3	MER	MER	S	P	S	BU	OS	A	MS	1	14.0	19.0
KENINGAU	9VHD	7	AN	MER	S	P	S	BU	OS	A	MS	2	16.0	21.0
KIM HOCK	9VUH	5	AN	MER	S	P	S	BU	SS	A	MS	2	18.0	25.0
KIMANIS	9VKM	7	AN	MER	S	P	S	BU	OS	A	MS	1	15.0	20.0
KLIAS	9VRL	7	AN	MER	S	P	S	BU	OS		MS	1	15.0	
KUNAC	9VHC	7	MER	MER	S	P	S	BU	OS	A RG	MS	2	16.0	21.0
NEPTUNE AGATE	9VPQ	1	AN	MER	S	P	S	BU	OS	A	MS	1	15.0	20.0
NEPTUNE AMBER	9VUC	8	AN	MER	S	P	S	BU	OS	A	MS	1	17.0	21.0
NEPTUNE AMETHYST	9VOU	8	AN	MER	S	P	S	BU	OS		MS	1	18.0	
NEPTUNE AQUAMARINE	9VNY	8	AN	MER	S	P	S	BU	OS	A	MS	1	18.0	23.0
NEPTUNE BERYL	9VRP	4	AN	MER	S	P	S	BU	OS	A	MS	1	13.0	18.0
NEPTUNE JASPER	9VRO	4	AN	MER	S	P	S	BU	OS	A	MS	1	13.0	22.0
NEPTUNE TOPAZ	9VOA	8	AN	MER	S	P	S	BU	OS		MS	1	19.0	
NEPTUNE ZIRCON	9VOL	8	AN	MER	S	P	S	BU	OS	A	MS	1	21.0	26.0
THORSCAPE (NORWAY)	LARD	4	MER	MER	S	P	S	BU	OS		MS	1		

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SOUTH AFRICA

- 6 HONG KONG AND/OR JAPAN - GULF OF THAILAND
- 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

## SOUTH AFRICA

## Selected Ships

Ship Name	Call Sign	Count	Origin	Destination	S	P	S	BU	SS	A	T
AFRICANA II	ZSVK	3	MER	MER	S	P	S	BU	SS	A	T
GEMSBCK	GKSB	3	AN	MER	W	P	W	BU	SS		T
GILLIAN GAGGINS	ZSTV	2	AN	MER	S	P	S	C	SS		T 1
JOHAN HUGO	ZSUW	3	AN	MER	W	P	W	BU	SS	HA	TMS 1
JOLANDA	ZSLQ	3	AN	MER	W	P	W	C	SS		T
MEIRING NAUDE	ZSAE	3	AN	ELE	VS	P	S	ELE	SS		T
R.S.A.	ZSLP	2,4	MER	MER	S	P	S	BU	OS		TMS 1
RANGE	ZTCO	3	AN	MER	W	P	W	BU	SS		T
S.A. ALPHEN	ZSYW	5	AN	MER	S	P	S	C	SS		TMS 1
S.A. CONSTANTIA	ZSGT	1	AN	MER	W	P	W	C	SS		TMS 1
S.A. DRAKENSTEIN	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	AN	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	BU	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	6	MER	MER	W	P	W	BU	SS		TMS 1
S.A. STATESMAN	ZTXW	5	MER	MER	W	P	W	C	SS		TMS 1
S.A. TRADER	ZTMX	1	AN	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	AN	MER	W	P	W	C	SS		TMS 1
S.A. VAAL	ZSNT	1	AN	MER	W	P	W	C	SS		TMS 4
S.A. VAN DER STEL	ZSWR	1	AN	MER	S	P	S	C	SS		TMS 1
S.A. VERGELEGEN	ZSZV	1	AN	MER	W	P	W	C	SS		TMS 1
S.A. WELTEVREDEN	ZSYT	1	AN	MER	W	P	W	C	SS		TMS 1
S.A. ZEBEDIELA	ZTXX	1	AN	MER	W	P	W	C	SS		TMS 1
SARDINOPS	ZSNG	3	AN	MER	W	P	W	BU	SS		T

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SOUTH AFRICA

STELLENBOSCH	ZTDD	1	AN	MER	W	P	W	C	SS		TMS 1
THOMAS B.DAVIE	ZSYP	3	AN	MER	W	P	W	C	SS		T
WILLEM BARENCDSZ	ZSUL	3	MER	MER	S	P	S	C	SS	A	TMS 1

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SPAIN

- 6 HONG KONG AND/OR JAPAN - GULF OF THAILAND
- 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
- 15 PALMA - BARCELONA

SPAIN

## Selected Ships

ALONSO DE OJEDA	EARW	1	AN	MER	SL	P	SL	BU	SS		TMS	1
ANTONIO LEZARO	EFDR	5	AN	MER	SL	P	SL	BU	SS		TMS	
BEGONA	EDAA	2	AN	MER	SL	P	SL	BU	SS	HA	MS	3
BILBAO	EDKU	9	AN	MER	SL	P	SL	BU	SS		TMS	
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 MARTA	EAOV	3	AN	MER	SL	P	SL	BU	SS	HA	TMS	1
CABO SANTA PAULA	EABK	3	AN	MER	SL	P	SL	BU	SS		MS	1
CASTILLO DE LA MOTA	EFNA	8	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 CADIZ	EAGD	4	AN	MER	SL	P	SL			HA	TMS	2
CIUDAD DE OVIEDO	EARS	6	AN	MER	SL	P	SL		SS	HA	TMS	2
CIUDAD DE PAMPLONA	EDUS	4	AN	MER	SL	P	SL	BU	SS		TMS	
CIUDAD DE SALAMANCA	EARM	4	AN	MER	SL	P	SL	BU	SS		M	1
EA	EFXB	12	AN	MER	SL	P	SL	BU	SS		TMS	
ELANCHOVE	EFGQ	12	AN	MER	SL	P	SL	BU	SS		TMS	
ERNESTO ANASTASTIO	EAVJ	4	MER	MER	SL	P	SL	BU	SS	HA	TMS	2
GALEONA	EDEP	6	AN	MER	SL	P	SL	BU	SS		TMS	
GUADALUPE	EADM	7	MER	MER	SL	P	SL	BU	SS	HA	MS	3
INDICO	EDAG	8	AN	MER	SL	P	SL	BU	SS		TMS	
JUAN MARCH	EEVM	15	AN	MER	SL	P	SL	BU	SS		TMS	
LA RIOJA	EHAB	12	AN	MER	SL	P	SL	BU	SS		TMS	
LAS PALMAS DE GRAN CANARIA	EEYN	4	AN	MER	SL	P	SL	BU	SS		TMS	
MAR ADRIATICO	EAYX	9	MER	MER	SL	P	SL	BU	SS		MS	1
MAR CANTABRICO	EFAK	9	AN	MER	SL	P	SL	BU	SS		TMS	
MAR EGEO	EAIS	9	MER	MER	SL	P	SL	BU	SS		TMS	1
MAR TIRRENO	EAZG	9	MER	MER	SL	P	SL		SS	HA	TMS	1
MONTE ANAGA	EBVE	11	AN	MER	SL	P	SL	BU	SS		TMS	1
MONTE ULIA	EAGJ	11	AN	MER	SL	P	SL		SS		TMS	2
MONTE UMBE	EBVJ	12	MER	MER	SL	P	SL		SS		TMS	2

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SPAIN

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
SATRUSTECUI	EHUV	14	AN	MER	SL	P	SL	BU	SS	HA	TMS	3
SOLEDAD MARIA	ECTL	12	AN	MER	SL	P	SL		SS		TMS	
TALAVERA	EDAF	13	AN	MER	SL	P	SL	BU	SS	HA	TMS	1
VICENTE PUCHOL	EFDQ	5	AN	MER	SL	P	SL		SS		TMS	
VILLA DE MADRID	EARQ	4	AN	MER	SL	P	SL		SS	HA	TMS	2
VIRGINIA DE CHURRUCA	EHUE	14	AN	MER	SL	P	SL	BU	SS	HA	MS	3

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SWEDEN

- 6 HONG KONG AND/OR JAPAN - GULF OF THAILAND
- 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 - EAST AND WEST COAST OF NORTH AND SOUTH AMERICA
- 8 SKAGERRAK - KATTEGAT - BALTIC SEA - GULF OF BOTHNIA

## SWEDEN

## 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	17.0
ARGENTINA	SFQT	7	AN	MER	A	P	A	C		TMS	1	15.0
ARVIDSJAUR	SLOA	2	AN	MER	A	P	A	C		TMS	1	18.0
AURIVAARA	SMFU	2	AN	MER	A	P	A	C		TMS	1	16.0
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
BRASILIA	SLZD	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
CALIFORNIA	SJQA	7	AN	MER	A	P	A	C		TMS	1	15.0
CANADA	SKOA	7	AN	MER	A	P	A	C		TMS	1	15.0
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
FFM MATARENGI	SHLA	3	AN	MER	A	P	A	C		TMS	1	16.0
FFM VASSIJAURE	SDPA	3	AN	MER	A	P	A	C		TMS	1	16.0
FFM VIRIHAURE	SEYN	3	AN	MER	A	P	A	C		TMS	1	16.0
GOLDEN GATE	SFCA	7	AN	MER	A	P	A	C		TMS	1	14.0
GRIPSHOLM	SLQT	1, 3	AN	MER	A	P	A	C	OS	TMS	4	24.0
HALLAREN	SLVN	4	AN	MER	A	P	A	C		TMS	1	13.0
HJELNAREN	SKPT	4	AN	MER	A	P	A	C		TMS	1	13.0
KUNGSHOLM	SGON	1, 3	AN	MER	A	P	A	C	OS	TMS	4	24.0
LAIDAURE	SEJU	3	AN	MER	A	P	A	C		TMS	1	20.0
LAPONIA	SIOE	2	AN	MER	A	P	A	C		TMS	1	20.0
LIONS GATE	SFON	7	AN	MER	A	P	A	C		TMS	1	16.0
LUOSSA	SIDG	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	SDGT	7	AN	MER	A	P	A	C		TMS	1	15.0
NIKKALA	SDON	3	AN	MER	A	P	A	C		TMS	1	22.0
NIMBUS	SMLT	5	AN	MER	A	P	A	C		TMS	1	14.0
NUOLJA	SDJT	2	AN	MER	A	P	A	C		TMS	1	22.0

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SWEDEN

Selected Ships

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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	SFPT	7	AN	MER	A	P	A	C	TMS 1	15.0	
SAN FRANCISCO	SJZN	7	AN	MER	A	P	A	C	TMS 1	15.0	
SAN JOAQUIN VALLEY	SKXA	7	AN	MER	A	P	A	C	TMS 1	18.0	
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	
SILVER GATE	SICN	7	AN	MER	A	P	A	C	TMS 1	15.0	
SKAGERAK	SECA	8	AN	MER	A	P	A	C	HA	T	8.0 8.0
STOLT VISTASVAGGE	SDYN	3	AN	MER	A	P	A	C	TMS 1	16.0	
STRATUS	SHKN	5	AN	MER	A	P	A	C	TMS 1	13.0	
TALARAH	SLMT	5	AN	MER	A	P	A	C	TMS 1	15.0	
TOR ANGLIA	SFGN	6	AN	MER	A	P	A	C	HA	TMS 3	18.0 18.0
TOR HOLLANDIA	SDTA	6	AN	MER	A	P	A	C	HA	TMS 3	18.0 18.0
TROJALAND	SHOU	3	AN	MER	A	P	A	C	TMS 1	16.0	
VASARA	SDBN	3	AN	MER	A	P	A	C	TMS 1	16.0	
VINGAREN	SKET	4	AN	MER	A	P	A	C	TMS 1	18.0	

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SWITZERLAND

- 6 HONG KONG AND/OR JAPAN - GULF OF THAILAND
- 1 ROUTES UNIVERSELLES, NON PRECISEES
- 2 EUROPE - CHINE
- 3 EUROPE - GOLFE E.U. - GRANDS LACS
- 4 EUROPE - AMERIQUE DU SUD
- 5 EUROPE - AFRIQUE

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SWITZERLAND

Auxiliary Ships

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ALPINA	HBLB	4	AN	MER	S	H	US	C	SS			TMS	1	18.0	
ASCONA	HBLC	2	AN	MER	S			C				TMS	1	15.0	
BASILEA	HBFK	2	AN	MER	VS			C		HA		TMS	1	15.0	
BREGAGLIA	HBDV	1	AN	MER	US			C				TMS	1	16.0	
CALANCA	HBFJ	1	AN	MER	US	H	US	C				T		11.0	
CALANDA	HBFD	5	AN	MER	W	P	H	W	C	SS		TMS	1	14.0	
CARIBIA	HBLA	3	AN	MER	W	P	W	BU	C		R	TMS	1	18.0	
CASSARATE	HBDT	3	AN	MER	SL	H	P	S	SL	C	SS	HA	TMS	1	14.0
CASTAGNOLA	HBDZ	1	AN	MER	SL	P		SL	C	SS		TMS	1	15.0	
CASTANEDA	HBFE	1	AN	MER	US	P		SL	C	SS		T		11.0	
CASTASEGNA	HBDP	1	AN	MER	VS	P		VS	C			MS	1	15.0	
CELERINA	HBDB	1	AN	MER	S				C		R	MS	1	12.0	
CORVIGLIA	HBDF	1	AN	MER	VS				BU			S	1	15.0	
LAVAUX	HBDD	1	AN	MER	S				C		R	MS	1	14.0	
MALOJA	HBFI	5										T	1	12.0	
MOLESON	HBLE	1	AN	MER	S				C			MS	1	15.0	
ROMANDIE	HBDU	1	AN	MER	VS	P	US		C			TMS	1	20.0	
ST. CERGUE	HBFF	1	AN	MER	VS				C			MS	1	16.0	

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THAILAND

- 6 HONG KONG AND/OR JAPAN - GULF OF THAILAND
- 1 GULF OF THAILAND
- 2 SOUTH CHINA SEA AND NORTH PACIFIC OCEAN
- 3 INDIAN OCEAN

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THAILAND

Selected Ships

FISHERY RESEARCH I	HSFK	1	AN	MER	SL	P	SL	BU	RG RT	T	2
FISHERY RESEARCH II	HSFT	1,2,3	AN	MER	SL	P	SL	BU	RG RT	T	2

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UNION OF SOVIET SOCIALIST REPUBLICS

- 6 HONG KONG AND/OR JAPAN - GULF OF THAILAND
- 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 PLYING IN UNSPECIFIED AREAS

## UNION OF SOVIET SOCIALIST REPUBLICS

## Selected Ships

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A.I. VOEIKOV	UAAX	18	AN	MER	S	P	S	BU	SS	RW		S	3	26.0
ABAGURLES	URUL	18	AN	MER	S			BU	SS			S	1	14.0
ABAKANLES	UQHM	18	AN	MER	S			BU	SS			S	2	14.0
ADAM NITSKEVICH	UOSC	4	AN	MER	S			BU	SS			S	1	13.0
ADIMILES	UQHL	18	AN	MER	S			BU	SS			S	2	13.0
ADLER	VERZ	18	AN	MER	S			BU	SS			S	2	17.0
ADMIRAL SARYCHEV	UBIM	14-17	AN	MER	S			BU	SS			S	1	11.0
ADMIRAL USHAKOV	UKTB	18	AN	MER	S			BU	SS			S	2	17.0
ADZHIMA	UQKQ	14-16	AN	MER	S			BU	SS			S	1	6.0
AFANASY NIKITIN	USSG	18	AN	MER	S			BU	SS			S	2	11.0
AHHKHABAD	UMFU	4	AN	MER	S			BU	SS			S	1	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 IOSIF ORBELLI	UTUN	18	AN	MER	S			BU	SS			S	2	9.0
AKADEMIK KNIPOVICH	USPO	18	AN	MER	S			BU	SS			S	2	22.0
AKADEMIK KNIPOVITCH	UEHX	5-7	AN	MER	S			BU	SS			S	1	7.0
AKADEMIK KOROLEV	UHQS	18	AN	MER	S			BU	SS	RW		S	3	24.0
AKADEMIK KOVALEVSKY	UEVJ	18	AN	MER	S			BU	SS			S	2	13.0
AKADEMIK KRYLOV	UKAO	18	AN	MER	S			BU	SS			S	2	16.0
AKADEMIK OTKUPSHCHIKOV	UWHH	7	AN	MER	S			BU	SS			S	1	7.0
AKADEMIK PAVLOV	URBP	10-12	AN	MER	S			BU	SS			S	2	12.0
AKADEMIK RYKACHEV	UPAH	18	AN	MER	S			BU	SS			S	2	21.0
AKADEMIK SHIMONSKY	UYBV	18	AN	MER	S			BU	SS			S	2	15.0
AKADEMIK SHIRSHOV	UMAY	18	AN	MER	S	P	S	BU	SS	RW		S	4	26.0
AKADEMIK SHUKHOV	UPAR	18	AN	MER	S			BU	SS			S	2	19.0
AKADEMIK VERNADSKII	ULYN	3	AN	MER	S			BU	SS			S	3	12.0
AKADEMIK YURYEV	UPWV	18	AN	MER	S			BU	SS			S	2	18.0
AKSAI	UQRX	18	AN	MER	S			BU	SS			S	2	10.0
AKTYUBINSK	UUEB	3	AN	MER	S			BU	SS			S	2	14.0
ALAGIR	UQRY	18	AN	MER	S			BU	SS			S	1	10.0

## UNION OF SOVIET SOCIALIST REPUBLICS

ALAPAEVSK	URIL	18	AN	MER	S	BU	SS	S	2	13.0
ALAPAEVSKLES	UYOE	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
ALBA	UIMT	18	AN	MER	S	BU	SS	S	2	12.0
ALBATROS	UEGB	18	AN	MER	S	BU	SS	S	1	10.0
ALBATROS	USUO	3, 6, 10 11	AN	MER	S	BU	SS	S	2	16.0
ALCHEVSK	UROU	15	AN	MER	S	BU	SS	S	1	11.0
ALDAN	UEFP	16	AN	MER	S	BU	SS	S	1	7.0
ALDANLES	UQHK	14-17	AN	MER	S	BU	SS	S	2	13.0
ALEKSANDR BARANOV	UBIN	14-17	AN	MER	S	BU	SS	S	1	11.0
ALEKSANDR GERTSEN	UTNC	18	AN	MER	S	BU	SS	S	2	15.0
ALEKSANDR GRIN	UKBE	18	AN	MER	S	BU	SS	S	2	18.0
ALEKSANDR IVANOV	UNVN	3	AN	MER	S	BU	SS	S	2	15.0
ALEKSANDR KOSAREV	ENEE	1, 15, 16	AN	MER	S	BU	SS	S	4	22.0
ALEKSANDR MAKSUTOV	ULQA	1, 14	AN	MER	S	BU	SS	S	2	12.0
ALEKSANDR NEVSKY	UUMX	18	AN	MER	S	BU	SS	S	2	14.0
ALEKSANDR OBUKHOV	UVZY	18	AN	MER	S	BU	SS	S	2	22.0
ALEKSANDR POPOV	UTYN	4	AN	MER	S	BU	SS	S	2	15.0
ALEKSANDR PUSHKIN	USERU	18	AN	MER	S	BU	SS	S	3	20.0
ALEKSANDR SERAFIMOVICH	UNWI	18	AN	MER	S	BU	SS	S	2	19.0
ALEKSANDR TEREKHIN	UBIL	18	AN	MER	S	BU	SS	S	2	11.0
ALEKSANDR ULYANOV	UQRM	18	AN	MER	S	BU	SS	S	2	14.0
ALEKSANDRA KOLLONTAI	UVRL	18	AN	MER	S	BU	SS	S	2	18.0
ALEKSANDROVSK	UVZU	18	AN	MER	S	BU	SS	S	2	17.0
ALEKSEI NAKHALIN	UYEO	1, 14	AN	MER	S	BU	SS	S	2	13.0
ALEKSEI POZONYAKOV	USGY	18	AN	MER	S	BU	SS	S	4	25.0
ALEKSEI TOLSTOY	UZRC	18	AN	MER	S	BU	SS	S	2	15.0
ALEKSEIVSK	ULCY	18	AN	MER	S	BU	SS	S	2	14.0
ALEKSEJ KHLOBYSTOV	USEO	3	AN	MER	S	BU	SS	S	3	20.0
ALEKSEJ VENETSIA NOV	UJIO	3	AN	MER	S	BU	SS	S	3	15.0
ALITUS	UUFH	3	AN	MER	S	BU	SS	S	1	10.0
ALMA ATA	UUZP	18	AN	MER	S	BU	SS	S	1	14.0
ALMAK	UYGB	3	AN	MER	S	BU	SS	S	2	12.0

## UNION OF SOVIET SOCIALIST REPUBLICS

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	14-16	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	UJLG	3	AN	MER	S	BU	SS	S	2	12.0
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	UFYN	14-17	AN	MER	S	BU	SS	S	1	7.0
AMURSK	UMQB	18	AN	MER	S	BU	SS	S	2	13.0
AMURSKLES	USIO	18	AN	MER	S	BU	SS	S	2	13.0
AMURSKY ZALIV	ESWD	18	AN	MER	S	BU	SS	S	2	24.0
ANADYRLES	USBV	1,15,16	AN	MER	S	BU	SS	S	2	13.0
ANATOLY KHALIN	UEQD	3	AN	MER	S	BU	SS	S	3	24.0
ANATOLY LUNATCHARSKY	UKFK	18	AN	MER	S	BU	SS	S	2	14.0
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 EVDANOV	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	14.0
ANGARGES	UKKE	18	AN	MER	S	BU	SS	S	2	17.0
ANGARSK	UNGR	18	AN	MER	S	BU	SS	S	2	12.0
ANGARSKLES	UYSU	18	AN	MER	S	BU	SS	S	2	12.0
ANTARES	UYGG	3	AN	MER	S	BU	SS	S	2	12.0
ANTARKTIKA	UPGV	4	AN	MER	S	BU	SS	S	3	16.0
ANTON BUYUKLY	UPSF	18	AN	MER	S	BU	SS	S	1	10.0
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
APATIT	UZHQ	3	AN	MER	S	BU	SS	S	2	14.0
APSHERON	UZMG	18	AN	MER	S	BU	SS	S	2	18.0
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
ARGO	UIRI	3	AN	MER	S	BU	SS	S	2	12.0

## UNION OF SOVIET SOCIALIST REPUBLICS

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
ARGUS	ESRL	18	AN	MER	S	BU	SS	S	1	8.0
ARHANGELSK	UBPE	4	AN	MER	S	BU	SS	S	2	15.0
ARKACY GAIDAR	UNBD	18	AN	MER	S	BU	SS	S	2	15.0
ARKHIP KOINDZHI	UIIR	1,15,16	AN	MER	S	BU	SS	S	2	15.0
ARKTIKA	ENWJ	18	AN	MER	S	BU	SS	S	3	21.0
ARKTIKA	UPOR	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
ARMAVIR	ULCC	1,14-16	AN	MER	S	BU	SS	S	1	11.0
ASHKHABAO	UVGD	18	AN	MER	S	BU	SS	S	2	16.0
ASKOLD	UUMR	10-12	AN	MER	S	BU	SS	S	2	15.0
ATKARSK	UVAD	18	AN	MER	S	BU	SS	S	2	17.0
ATLANT	UOLF	3	AN	MER	S	BU	SS	S	2	10.0
ATLANTIKA	UPGI	5-7	AN	MER	S	BU	SS	S	3	16.0
ATOLL	ENGV	18	AN	MER	S	BU	SS	S	2	10.0
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	UVOU	14-16	AN	MER	S	BU	SS	S	1	11.0
AYU DAG	ENGQ	3	AN	MER	S	BU	SS	S	2	12.0
AZOV	UKDX	14,16	AN	MER	S	BU	SS	S	1	11.0
BABUSHKIN	UNNO	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
BAKHCHISARAI	UIHS	18	AN	MER	S	BU	SS	S	1	8.0
BAKU	UWWS	18	AN	MER	S	BU	SS	S	2	5.0
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

## UNION OF SOVIET SOCIALIST REPUBLICS

BALDONE	UGZD	18	AN	MER	S	BU	SS	S	1	15.0
BALTA	UIND	18	AN	MER	S	BU	SS	S	2	13.0
BALTIISK	UVHY	18	AN	MER	S	BU	SS	S	2	15.0
BALTIISK	UUFF	1,14-16	AN	MER	S	BU	SS	S	2	13.0
BALTIKA	UVNO	10,11	AN	MER	S	BU	SS	S	3	15.0
BALVY	USNY	18	AN	MER	S	BU	SS	S	1	15.0
BARABASH	USUS	1,14-16	AN	MER	S	BU	SS	S	2	10.0
BARABINSK	USNF	18	AN	MER	S	BU	SS	S	3	13.0
BARABINSK	UBHW	18	AN	MER	S	BU	SS	S	2	11.0
BARGUZIN	UGRI	18	AN	MER	S	BU	SS	S	2	14.0
BARNAUL	UDUS	18	AN	MER	S	BU	SS	S	2	13.0
BASHKIR	UKDN	3	AN	MER	S	BU	SS	S	2	15.0
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
BOITELNY	UJKB	18	AN	MER	S	BU	SS	S	2	8.0
BELGOROD	UKKI	18	AN	MER	S	BU	SS	S	2	16.0
BELGOROD ONESTROVSKII	UPCN	18	AN	MER	S	BU	SS	S	2	17.0
BELGRAD	UGPO	18	AN	MER	S	BU	SS	S	2	17.0
BELITSK	UDVN	18	AN	MER	S	BU	SS	S	2	19.0
BELOGORSK	UYWH	3	AN	MER	S	BU	SS	S	1	8.0
BELOMORSKLES	USJH	18	AN	MER	S	BU	SS	S	2	14.0
BELDOSTROV	UPNC	15	AN	MER	S	BU	SS	S	2	11.0
BELORETSK	USMZ	18	AN	MER	S	BU	SS	S	2	18.0
BELOVGOSK	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	11	AN	MER	S	BU	SS	S	2	15.0
BEREZINALES	UELV	18	AN	MER	S	BU	SS	S	2	13.0
BEREZNIK	UVUH	18	AN	MER	S	BU	SS	S	2	11.0
BEREZNIKI	UYES	18	AN	MER	S	BU	SS	S	2	18.0
BEREZOVKA	UUVT	18	AN	MER	S	BU	SS	S	2	19.0
BERILL	UTJZ	18	AN	MER	S	BU	SS	S	1	9.0
BESSTRASHNY	UIZE	3	AN	MER	S	BU	SS	S	3	10.0
BIISK	UYEQ	18	AN	MER	S	BU	SS	S	2	18.0
BIKIN	UTFV	18	AN	MER	S	BU	SS	S	2	12.0

## UNION OF SOVIET SOCIALIST REPUBLICS

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	UGNK	4	AN	MER	S	BU	SS	S	4	21.0	
BOEVCI	UKAB	18	AN	MER	S	BU	SS	S	2	14.0	
BOGOAN KHPELNITSKY	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	
BOLSHEVIK N. NARIMANOV	UTAX	18	AN	MER	S	BU	SS	S	1	14.0	
BOLSHEVIK SUKHANOV	UJYP	18	AN	MER	S	BU	SS	S	2	16.0	
BOLSHEVO	UYYL	3	AN	MER	S	BU	SS	S	2	12.0	
BORA	UTCT	3,10,6,11	AN	MER	S	BU	SS	S	3	11.0	
BORDINO	UWNT	18	AN	MER	S	BU	SS	S	2	17.0	
BORIS GORBATOV	UIXV	18	AN	MER	S	BU	SS	S	2	15.0	
BORIS GORINSKY	UYDK	1,14-16	AN	MER	S	BU	SS	S	2	12.0	
BORIS NIKOLAICHUK	UPUB	18	AN	MER	S	BU	SS	S	2	10.0	
BORISLAV	UUSP	18	AN	MER	S	BU	SS	S	2	19.0	
BOROVICHI	UVAV	18	AN	MER	S	BU	SS	S	3	12.0	
BORZHOMI	ULKA	18	AN	MER	S	BU	SS	S	2	12.0	
BOSHNYAKOUD	VERE	14-17	AN	MER	S	P S	BU	SS	S	1	12.0
BOTNICHESKII ZALIV	ESWH	18	AN	MER	S	BU	SS	S	2	18.0	
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	12.0	
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	
BRILLIANT	UTBJ	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	UVHW	1,15,16	AN	MER	S	BU	SS	S	3	15.0	
BRYANSKLES	USYV	18	AN	MER	S	BU	SS	S	2	10.0	
BRYANSKY KABOCHY	USMY	18	AN	MER	S	BU	SS	S	2	19.0	
BUGURUSLAN	UIEU	18	AN	MER	S	BU	SS	S	2	16.0	
BUKHTARMA	UVQI	18	AN	MER	S	BU	SS	S	2	16.0	
BULGULMA	UKKL	18	AN	MER	S	BU	SS	S	2	16.0	

## UNION OF SOVIET SOCIALIST REPUBLICS

BUREVESTNIK	UGMR	3,6,10,11	AN	MER	S	BU	SS	S	2	16.0
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
CHEREMKHOVO	URHV	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	UUFU	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
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
CHULYMLIS	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	4	21.0
DARASUN	UTOE	1,14-16	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	USOM	18	AN	MER	S	BU	SS	S	2	18.0
DEKABRIST	UBME	18	AN	MER	S	BU	SS	S	3	8.0
DEKABRIST	UOML	18	AN	MER	S	BU	SS	S	2	14.0
DEMYAN BEDNY	UTQC	18	AN	MER	S	BU	SS	S	2	15.0
DEMYAN KOROTCHENKO	ESRF	18	AN	MER	S	BU	SS	S	2	13.0
DENEB	UYGA	3	AN	MER	S	BU	SS	S	2	12.0
DEPUTAT LUTSKY	UJYA	18	AN	MER	S	BU	SS	S	2	16.0
DESNA	UOYH	18	AN	MER	S	BU	SS	S	2	14.0
DIKSON	UGPS	1	AN	MER	S	BU	SS	S	1	10.0
DIMITROVO	URUX	18	AN	MER	S	BU	SS	S	2	18.0
DIOMID	UBYN	1,14-16	AN	MER	S	BU	SS	S	2	10.0
DIVNOGORSK	UQHI	18	AN	MER	S	BU	SS	S	2	13.0

## UNION OF SOVIET SOCIALIST REPUBLICS

DMITRY DONSKOI	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 POLUYAN	UYUX	18	AN	MER	S	BU	SS	S	2	16.0
DMITRY POZHARSKY	UKDC	1,12,13	AN	MER	S	BU	SS	S	2	17.0
DMITRY ULYANOV	UQZM	18	AN	MER	S	BU	SS	S	2	14.0
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
DNESTR	UOSO	18	AN	MER	S	BU	SS	S	1	9.0
DOBRCLYOBOV	UFSK	4	AN	MER	S	BU	SS	S	1	12.0
DOBROPOLYE	UVRR	18	AN	MER	S	BU	SS	S	2	18.0
DODINSK	UIWO	18	AN	MER	S	BU	SS	S	2	15.0
DON	UIQS	18	AN	MER	S	BU	SS	S	2	14.0
DONETS	UOSE	18	AN	MER	S	BU	SS	S	1	9.0
DONETSK	UH XO	16	AN	MER	S	BU	SS	S	1	11.0
DONSKOI	UEXX	18	AN	MER	S	BU	SS	S	2	18.0
DOROGOBUZH	UVRS	18	AN	MER	S	BU	SS	S	2	18.0
DOSTOENSKY	UFSM	4	AN	MER	S	BU	SS	S	1	12.0
DOZORNY	UOOP	18	AN	MER	S	BU	SS	S	2	8.0
DRUZHBA	UYBH	4	AN	MER	S	BU	SS	S	1	12.0
DRUZHBA	USQF	18	AN	MER	S	BU	SS	S	2	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
DUSHANBE	UNEY	4	AN	MER	S	BU	SS	S	1	12.0
DVINOLES	UYSA	18	AN	MER	S	BU	SS	S	2	12.0
DVINSKY ZALIV	ESWJ	18	AN	MER	S	BU	SS	S	3	24.0
DZHOROZHANO BRUNO	UYCY	18	AN	MER	S	BU	SS	S	2	18.0
DZHUZEPE GARIBALDI	UUZJ	18	AN	MER	S	BU	SS	S	2	19.0
EGORYEVSK	UJYH	18	AN	MER	S	BU	SS	S	2	13.0
EGVEKINOT	UHBB	14-17	AN	MER	S	BU	SS	S	1	11.0
EISK	ENGX	18	AN	MER	S	BU	SS	S	2	16.0
ELBRUS	UJYN	18	AN	MER	S	BU	SS	S	2	16.0
ELETS	UQIO	18	AN	MER	S	BU	SS	S	2	10.0

## UNION OF SOVIET SOCIALIST REPUBLICS

ELIZOVO	UTIE	1,14-16	AN	MER	S	BU	SS	S	1	5.0
ELSK	UWOI	18	AN	MER	S	BU	SS	S	1	17.0
EMELYAN PUGACHEV	UUNJ	18	AN	MER	S	BU	SS	S	2	14.0
ENISEI	USDY	1,15-17	AN	MER	S	BU	SS	S	3	18.0
ENISEI	UYJO	18	AN	MER	S	BU	SS	S	1	6.0
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
EVGENY NIKITIN	UTPC	18	AN	MER	S	BU	SS	S	4	22.0
EVPAFORIA	USNU	3	AN	MER	S	BU	SS	S	2	12.0
FELIKS DZERZHINSKY	USCH	14-16	AN	MER	S	BU	SS	S	3	14.0
FEODOR KRAINOV	UYDH	1,15	AN	MER	S	BU	SS	S	4	10.0
FEODOSIA	USQT	3	AN	MER	S	BU	SS	S	2	12.0
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
FIZIR KURCHATOV	UYOM	18	AN	MER	S	BU	SS	S	2	15.0
FRANS GALS	UTUX	3	AN	MER	S	BU	SS	S	2	14.0
FREDERIK ZHOLIO KYURI	UQDP	18	AN	MER	S	BU	SS	S	2	15.0
FRITYEV NANSEN	UEHU	5-7	AN	MER	S	BU	SS	S	1	7.0
FRUNZE	UVPK	18	AN	MER	S	BU	SS	S	2	17.0
GALAKTIKA	UEJU	18	AN	MER	S	BU	SS	S	1	9.0
GALIFAN BATARSHIN	UYDR	18	AN	MER	S	BU	SS	S	2	13.0
GALILEO GALILEI	UYDI	18	AN	MER	S	BU	SS	S	2	18.0
GALYA KOMLEVA	UUDO	18	AN	MER	S	BU	SS	S	2	16.0
GANTIADI	ECHW	18	AN	MER	S	BU	SS	S	2	13.0
GARRI POLIT	UKFM	18	AN	MER	S	BU	SS	S	2	15.0
GAVANA	UJOW	18	AN	MER	S	BU	SS	S	2	17.0
GAVRIIL DERZHAVIN	UWEE	18	AN	MER	S	BU	SS	S	2	17.0
GEISER	UJJX	3	AN	MER	S	BU	SS	S	2	14.0
GENERAL DANFILOV	UUOM	18	AN	MER	S	BU	SS	S	2	14.0
GERKULES	UYGF	3	AN	MER	S	BU	SS	S	2	12.0
GIZHAGA	UIUH	3	AN	MER	S	BU	SS	S	2	10.0

## UNION OF SOVIET SOCIALIST REPUBLICS

GIZHIGA	UVXS	18	AN	MER	S	BU	SS	S	1	17.0
GLEB OSPENSKII	UZNZ	1,14-16	AN	MER	S	BU	SS	S	1	8.0
GLETCHEP	UIOC	3	AN	MER	S	BU	SS	S	2	14.0
GOGOL	UFSI	4	AN	MER	S	BU	SS	S	1	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
GORI	UEKF	18	AN	MER	S	BU	SS	S	1	10.0
GORKII	UVPQ	18	AN	MER	S	BU	SS	S	2	17.0
GORNO ALTAISK	USNS	18	AN	MER	S	BU	SS	S	2	13.0
GRIGORII SHELIKHOV	USYF	3	AN	MER	S	BU	SS	S	1	12.0
GRIGORY LYSENKO	USEQ	3	AN	MER	S	BU	SS	S	3	20.0
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	UMXC	18	AN	MER	S	BU	SS	S	2	15.0
GRUMANT	UJKC	3	AN	MER	S	BU	SS	S	2	14.0
GURIYA	UYZJ	18	AN	MER	S	BU	SS	S	2	10.0
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
GZHATSK	USIT	18	AN	MER	S	BU	SS	S	2	16.0
IGA	UZVF	1,14-16	AN	MER	S	BU	SS	S	2	13.0
IGARKALES	UQNS	18	AN	MER	S	BU	SS	S	2	10.0
IGNATY SERGEEV	UYUU	18	AN	MER	S	BU	SS	S	2	19.0
IKHTIOLOG	ESGV	18	AN	MER	S	BU	SS	S	2	10.0
ILLARION RYABIKOV	UERO	1,14	AN	MER	S	BU	SS	S	2	12.0
ILMENLES	UEYE	18	AN	MER	S	BU	SS	S	1	10.0
ILOVAISK	UUPF	18	AN	MER	S	BU	SS	S	2	16.0
ILYA REPIN	UYJA	3	AN	MER	S	BU	SS	S	2	14.0
ILYA OLYANOV	UQRT	18	AN	MER	S	BU	SS	S	2	14.0
ILYICHEVO	UQGF	18	AN	MER	S	BU	SS	S	2	9.0
IM. 61 KOMMUNARA	EOQT	3	AN	MER	S	BU	SS	S	2	15.0
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	UUEU	1,14	AN	MER	S	BU	SS	S	2	14.0

## UNION OF SOVIET SOCIALIST REPUBLICS

INDIGIRKA	UVEP	18	AN	MER	S	BU	SS	S	2	17.0
INEI	UDKD	3,6,10 11	AN	MER	S	BU	SS	S	3	14.0
INGUR	UPDD	18	AN	MER	S	BU	SS	S	2	18.0
INKERMAN	UIUZ	3	AN	MER	S	BU	SS	S	2	11.0
INKURLES	UPYZ	18	AN	MER	S	BU	SS	S	2	10.0
INZHENER P. MATVEEY	UIEX	18	AN	MER	S	BU	SS	S	1	14.0
IOGANN MAKHMASTAL	UPCU	18	AN	MER	S	BU	SS	S	2	13.0
IOKHANNES VARES	UEIX	3	AN	MER	S	BU	SS	S	3	15.0
IOZAS ALEKSONIS	UVXW	3	AN	MER	S	BU	SS	S	1	12.0
IOZAS GREIFENBORGERIS	UYPA	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
IRKUTSK	UTWP	3	AN	MER	S	BU	SS	S	3	14.0
IRKUTSKLES	UYOF	18	AN	MER	S	BU	SS	S	1	10.0
IRSHALES	URIA	18	AN	MER	S	BU	SS	S	2	10.0
IRTYSH	UOYR	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
ISPOLNITELNY	UHKK	1,14,16	AN	MER	S	BU	SS	S	2	11.0
ISTRA	UIDP	18	AN	MER	S	BU	SS	S	1	10.0
ITELMEN	UJTI	1,14,16	AN	MER	S	BU	SS	S	2	12.0
IVAN AIVAZOVSKY	UXAJ	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 CHERNYKH	UZVO	18	AN	MER	S	BU	SS	S	2	10.0
IVAN FEDOROV	UEJB	4	AN	MER	S	BU	SS	S	2	14.0
IVAN GOLUBETS	UYYP	3	AN	MER	S	BU	SS	S	2	12.0
IVAN GONCHAROV	UTPP	18	AN	MER	S	BU	SS	S	2	15.0
IVAN KRAMSKOY	UMVO	18	AN	MER	S	BU	SS	S	2	18.0
IVAN KULIBIN	UHYI	18	AN	MER	S	BU	SS	S	2	14.0
IVAN MOSKVIN	UKPF	18	AN	MER	S	BU	SS	S	2	15.0
IVAN PANOV	USSH	1,14-16	AN	MER	S	BU	SS	S	2	10.0
IVAN PAVLOV	UPVX	18	AN	MER	S	BU	SS	S	2	13.0
IVAN POLZUNOV	UVMR	10-12	AN	MER	S	BU	SS	S	2	13.0
IVAN RYABOV	UBIX	18	AN	MER	S	BU	SS	S	2	10.0

## UNION OF SOVIET SOCIALIST REPUBLICS

IVAN SEREDA	ULSS	1,14	AN	MER	S	BU	SS	S	2	12.0
IVAN SHISHKIN	UYIJ	3	AN	MER	S	BU	SS	S	2	15.0
IVAN STEPANOV	UEEG	1,14,16	AN	MER	S	BU	SS	S	2	14.0
IVAN TURGENEV	UZIY	1	AN	MER	S	BU	SS	S	1	9.0
IVANCVO	UODP	18	AN	MER	S	BU	SS	S	2	16.0
IZHEVSK	UICP	18	AN	MER	S	BU	SS	S	1	13.0
IZHEVSK	UNET	4	AN	MER	S	BU	SS	S	1	12.0
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
IZUMRUD	EVFP	18	AN	MER	S	BU	SS	S	2	20.0
IZYASLAN	UVAH	18	AN	MER	S	BU	SS	S	2	10.0
KADIEVKA	USDE	18	AN	MER	S	BU	SS	S	3	12.0
KAKHOVKA	UVGA	18	AN	MER	S	BU	SS	S	2	16.0
KALININABAD	UEYG	18	AN	MER	S	BU	SS	S	2	17.0
KALININGRAD	UIXB	3	AN	MER	S	BU	SS	S	3	14.0
KALININGRAD	UZLS	18	AN	MER	S	BU	SS	S	2	12.0
KALMAR	UYRB	3	AN	MER	S	BU	SS	S	2	11.0
KAMALES	UENY	18	AN	MER	S	BU	SS	S	2	12.0
KAMCHATKA	UVXQ	18	AN	MER	S	BU	SS	S	2	13.0
KAMCHATSKAYA PRAVDA	UMEO	18	AN	MER	S	BU	SS	S	2	12.0
KAMCHATSKIE GORY	UFYR	1,14-16	AN	MER	S	BU	SS	S	2	19.0
KAMCHATSKLES	UTDC	1,14-16	AN	MER	S	BU	SS	S	1	10.0
KAMENETS PODOLSK	UNZW	1,14-16	AN	MER	S	BU	SS	S	2	15.0
KAMENCGORSK	UJDD	1,14-16	AN	MER	S	BU	SS	S	2	13.0
KAMENSK	UNIW	18	AN	MER	S	BU	SS	S	1	9.0
KAMYSHIN	ESKT	18	AN	MER	S	BU	SS	S	2	12.0
KANDALAKSHALES	UEQI	18	AN	MER	S	BU	SS	S	2	14.0
KANDALAKSHSKY ZALIV	EWIK	18	AN	MER	S	BU	SS	S	3	22.0
KANEV	UEZW	18	AN	MER	S	BU	SS	S	2	17.0
KANOPUS	UYFI	3	AN	MER	S	BU	SS	S	2	12.0
KAPITAN ABAKOMOV	UIKK	18	AN	MER	S	BU	SS	S	1	12.0
KAPITAN BELOUSOV	UVFB	18	AN	MER	S	BU	SS	S	3	14.0
KAPITAN BONDARENKO	ULJF	18	AN	MER	S	BU	SS	S	2	15.0

## UNION OF SOVIET SOCIALIST REPUBLICS

KAPITAN GRIISUK	UQIQ	14-17	AN	MER	S	BU	SS	S	1	11.0
KAPITAN KARTASHOV	UKNK	14-17	AN	MER	S	BU	SS	S	1	7.0
KAPITAN MELEKHOV	UNSD	9	AN	MER	S	BU	SS	S	3	14.0
KAPITAN NOKHRIN	UYBB	3	AN	MER	S	BU	SS	S	3	10.0
KAPITAN SKORNYAKOV	UZVD	3	AN	MER	S	BU	SS	S	2	14.0
KAPITAN VOCLENS	UFHM	3,10,11	AN	MER	S	BU	SS	S	1	15.0
KAPITAN VORONIN	UNXW	9	AN	MER	S	BU	SS	S	3	14.0
KARA	UZLU	18	AN	MER	S	BU	SS	S	1	14.0
KARA DAG	EWVW	18	AN	MER	S	BU	SS	S	2	13.0
KARACHAEVO CHERKESSIA	UYXL	18	AN	MER	S	BU	SS	S	2	17.0
KARAGANDA	UWOO	18	AN	MER	S	BU	SS	S	2	16.0
KAREL	ECBR	18	AN	MER	S	BU	SS	S	3	14.0
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	ECUN	18	AN	MER	S	BU	SS	S	2	3.0
KARGOPOL	UVUI	18	AN	MER	S	BU	SS	S	2	13.0
KARL LIBKNEKHT	EWAE	18	AN	MER	S	BU	SS	S	2	20.0
KARL LINNEI	UJMO	3	AN	MER	S	BU	SS	S	3	18.0
KARL MARKS	ULGM	18	AN	MER	S	BU	SS	S	2	16.0
KARPATY	ESFH	18	AN	MER	S	BU	SS	S	2	16.0
KARTLI	UYZK	3	AN	MER	S	BU	SS	S	2	11.0
KASHINO	UQGC	18	AN	MER	S	BU	SS	S	2	12.0
KASIMOV	USLN	18	AN	MER	S	BU	SS	S	2	17.0
KASPIISK	UEZD	18	AN	MER	S	BU	SS	S	2	12.0
KATANGLI	ESBV	1,14-16	AN	MER	S	BU	SS	S	2	10.0
KAVKAZ	UTRZ	14-17	AN	MER	S	BU	SS	S	3	14.0
KAZALINSK	ESKU	18	AN	MER	S	BU	SS	S	2	12.0
KAZATIN	ESKZ	18	AN	MER	S	BU	SS	S	2	12.0
KAZBEK	UWNV	18	AN	MER	S	BU	SS	S	2	16.0
KAZIS KEDRIS	UGMQ	3	AN	MER	S	BU	SS	S	2	14.0
KAZIS PREIKSHAS	ESRE	18	AN	MER	S	BU	SS	S	3	6.0
KEGUMS	USWQ	18	AN	MER	S	BU	SS	S	2	22.0
KERCH	USNW	3	AN	MER	S	BU	SS	S	2	12.0
KERCHENSKY KOMSOMOLETS	UYRF	3	AN	MER	S	BU	SS	S	2	11.0

## UNION OF SOVIET SOCIALIST REPUBLICS

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
KHAT ANGALES	ULEX	1,14-16	AN	MER	S	BU	SS	S	1	10.0
KHELTERMAA	ULIV	3,10,11	AN	MER	S	BU	SS	S	1	16.0
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 ZELINSKY	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	UYOK	18	AN	MER	S	BU	SS	S	2	15.0
KHOLMOGORY	UYXX	18	AN	MER	S	BU	SS	S	2	11.0
KHOLMSK	UGRH	14-16	AN	MER	S	BU	SS	S	1	11.0
KHOLMSK	UNHF	1,14-16	AN	MER	S	BU	SS	S	1	7.0
KHOZE DIAS	UUPK	18	AN	MER	S	BU	SS	S	2	11.0
KHUDOZHNIK V. KRAINEV	UKPJ	4	AN	MER	S	BU	SS	S	1	13.0
KIEV	UGTO	9	AN	MER	S	BU	SS	S	3	20.0
KILDIN	USJD	18	AN	MER	S	BU	SS	S	2	9.0
KILDIN	UUYD	18	AN	MER	S	BU	SS	S	2	13.0
KIMOVSK	URTN	18	AN	MER	S	BU	SS	S	2	13.0
KIROV	UVPL	13	AN	MER	S	BU	SS	S	1	10.0
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	UVGR	18	AN	MER	S	BU	SS	S	2	10.0
KLIN	UBCW	18	AN	MER	S	BU	SS	S	2	12.0
KLYAZMA	UYWF	3	AN	MER	S	BU	SS	S	2	12.0
KOKHTLA	UKXM	3,10,11	AN	MER	S	BU	SS	S	1	16.0
KOLGUEV	UGRX	14,17	AN	MER	S	BU	SS	S	1	11.0
KOLKHIDA	UYBC	3	AN	MER	S	BU	SS	S	2	10.0
KOLKHOZNIK	UPLF	18	AN	MER	S	BU	SS	S	2	11.0
KOLOMNA	UVCM	18	AN	MER	S	BU	SS	S	1	9.0
KOLPINO	UIAB	18	AN	MER	S	BU	SS	S	1	9.0
KOLYMALES	UETI	18	AN	MER	S	BU	SS	S	2	12.0
KOLYVAN	ESKW	1	AN	MER	S	BU	SS	S	2	12.0
KOMANDARM MATVEEV	UCXC	18	AN	MER	S	BU	SS	S	2	16.0

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KOMILES	UQIW	18	AN	MER	S	BU	SS	S	2	11.0
KOMMUNISTICHESKDOE ZNAMYA	UVZZ	18	AN	MER	S	BU	SS	S	2	18.0
KOMPAS	UITM	4	AN	MER	S	BU	SS	S	3	14.0
KOMSOMOL	UPGS	18	AN	MER	S	BU	SS	S	2	16.0
KOMSOMOLETS KUBANI	UUSN	18	AN	MER	S	BU	SS	S	2	17.0
KOMSOMOLSKAYA ZLAVA	UOHO	18	AN	MER	S	BU	SS	S	2	17.0
KONDA	UJKF	18	AN	MER	S	BU	SS	S	2	16.0
KONDOPOGA	UVDG	18	AN	MER	S	BU	SS	S	2	11.0
KONSTANTIN OLSHANSKY	UJIP	3	AN	MER	S	BU	SS	S	2	15.0
KONSTANTIN SUKHANOV	UIKN	18	AN	MER	S	BU	SS	S	4	22.0
KORABLESTROITEL KLOPOTOV	UZET	1,14-16	AN	MER	S	BU	SS	S	4	22.0
KOREIZ	UINM	3	AN	MER	S	BU	SS	S	2	12.0
KORSAKOV	UHBC	14-17	AN	MER	S	BU	SS	S	1	11.0
KORSAKOV	USBD	1,14,16	AN	MER	S	BU	SS	S	1	8.0
KORSUN SHEVCHENKOVSKY	UKEK	6,10,11	AN	MER	S	BU	SS	S	1	13.0
KORYAKI	USZC	1,14,16	AN	MER	S	BU	SS	S	1	5.0
KOSMONAVT	USJE	18	AN	MER	S	BU	SS	S	2	18.0
KOSMONAVT GAGARIN	ESGJ	18	AN	MER	S	BU	SS	S	3	15.0
KOSMONAVT KOMAROV	UQBV	18	AN	MER	S	BU	SS	S	2	15.0
KOSTINO	UQGL	18	AN	MER	S	BU	SS	S	1	10.0
KOSTROMALES	UEPA	18	AN	MER	S	BU	SS	S	1	12.0
KOTLASLES	UQOE	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
KOVDOR	UKLM	18	AN	MER	S	BU	SS	S	2	11.0
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
KRAITSVALD	ESAK	18	AN	MER	S	BU	SS	S	2	15.0
KRAMATORSK	UJLC	1,14-16	AN	MER	S	BU	SS	S	2	14.0
KRASKINO	UGRR	18	AN	MER	S	BU	SS	S	2	14.0
KRASLAVA	UNRC	18	AN	MER	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
KRASNOE SELO	UNVS	18	AN	MER	S	BU	SS	S	2	15.0

## UNION OF SOVIET SOCIALIST REPUBLICS

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	16.0
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 ZELINSKY	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	UYOK	18	AN	MER	S	BU	SS	S	2	15.0
KHOLMOGORY	UYXX	18	AN	MER	S	BU	SS	S	2	11.0
KHOLMSK	UGRH	14-16	AN	MER	S	BU	SS	S	1	11.0
KHOLMSK	UNHF	1,14-16	AN	MER	S	BU	SS	S	1	7.0
KHOZE DIAS	UUPK	18	AN	MER	S	BU	SS	S	2	11.0
KHUDOZHNIK V. KRAINEV	UKPJ	4	AN	MER	S	BU	SS	S	1	13.0
KIEV	UGTO	9	AN	MER	S	BU	SS	S	3	20.0
KILDIN	USJD	18	AN	MER	S	BU	SS	S	2	9.0
KILDIN	UUYD	18	AN	MER	S	BU	SS	S	2	13.0
KIMOVSK	URTN	18	AN	MER	S	BU	SS	S	2	13.0
KIROV	UVPL	13	AN	MER	S	BU	SS	S	1	10.0
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	UVGR	18	AN	MER	S	BU	SS	S	2	10.0
KLIN	UBCW	18	AN	MER	S	BU	SS	S	2	12.0
KLYAZMA	UYWF	3	AN	MER	S	BU	SS	S	2	12.0
KOKHTLA	UKXM	3,10,11	AN	MER	S	BU	SS	S	1	16.0
KOLGUEV	UGRX	14,17	AN	MER	S	BU	SS	S	1	11.0
KOLKHIDA	UYBC	3	AN	MER	S	BU	SS	S	2	10.0
KOLKHOZNIK	UPLF	18	AN	MER	S	BU	SS	S	2	11.0
KOLOMNA	UVCM	18	AN	MER	S	BU	SS	S	1	9.0
KOLPINO	UIAB	18	AN	MER	S	BU	SS	S	1	9.0
KOLYMALES	UFTI	18	AN	MER	S	BU	SS	S	2	12.0
KOLYVAN	ESKW	1	AN	MER	S	BU	SS	S	2	12.0
KOMANDARM MATVEEV	UOXC	18	AN	MER	S	BU	SS	S	2	16.0

## UNION OF SOVIET SOCIALIST REPUBLICS

KRASNOGORSKLES	UTDL	14-17	AN	MER	S	BU	SS	S	1	11.0
KRASNOGRAD	UQOX	18	AN	MER	S	BU	SS	S	2	15.0
KRASNOGVARDEISN	ULAU	18	AN	MER	S	BU	SS	S	2	15.0
KRASNOKAMSK	UVXP	18	AN	MER	S	BU	SS	S	2	15.0
KRASNOUFIMSK	UEZF	18	AN	MER	S	BU	SS	S	2	15.0
KRASNOURALSK	UIDJ	18	AN	MER	S	BU	SS	S	2	15.0
KRASNOVODSK	UODQ	18	AN	MER	S	BU	SS	S	2	16.0
KRASNOYARSK	UYVE	18	AN	MER	S	BU	SS	S	2	10.0
KRASNY LUCH	UYGK	18	AN	MER	S	BU	SS	S	4	17.0
KRASNY OKTYABR	ULZB	18	AN	MER	S	BU	SS	S	2	15.0
KRECHET	EVRQ	18	AN	MER	S	BU	SS	S	2	10.0
KREMENCHUG	UUZM	18	AN	MER	S	BU	SS	S	2	16.0
KREML	UYBW	18	AN	MER	S	BU	SS	S	2	15.0
KRONIL KORENOV	UBCO	1,14-16	AN	MER	S	BU	SS	S	5	14.0
KRYMSKIE GORY	UOJB	3	AN	MER	S	BU	SS	S	3	18.0
KUBA	UTBE	1,14-16	AN	MER	S	BU	SS	S	2	12.0
KUBA	URKP	18	AN	MER	S	BU	SS	S	2	15.0
KUIBYSHEVGES	UKKF	18	AN	MER	S	BU	SS	S	2	17.0
KULOY	UNJG	1,14-16	AN	MER	S	BU	SS	S	2	14.0
KUNGUR	UVEI	18	AN	MER	S	BU	SS	S	2	14.0
KUNGURLES	UEVS	18	AN	MER	S	BU	SS	S	2	12.0
KUPRIN	UAAA	4	AN	MER	S	BU	SS	S	1	12.0
KURA	UYSM	18	AN	MER	S	BU	SS	S	2	16.0
KURGAN	UUEF	1,14-16	AN	MER	S	BU	SS	S	2	16.0
KURILSK	UWGV	15,16	AN	MER	S	BU	SS	S	2	7.0
KURS	ESHY	3	AN	MER	S	BU	SS	S	3	12.0
KURSK	UKRJ	18	AN	MER	S	BU	SS	S	1	16.0
KUSHKA	ESLA	18	AN	MER	S	BU	SS	S	2	12.0
KUTAISI	UYFG	18	AN	MER	S	BU	SS	S	2	15.0
KUZBASS	UMQF	1,14-16	AN	MER	S	BU	SS	S	2	15.0
KUZMINKI	UYLW	18	AN	MER	S	BU	SS	S	2	9.0
KYAROLA	UYXW	18	AN	MER	S	BU	SS	S	1	15.0
KYPU	UKHB	3,10,11	AN	MER	S	BU	SS	S	1	16.0
LABINSK	UQIR	18	AN	MER	S	BU	SS	S	2	15.0

## UNION OF SOVIET SOCIALIST REPUBLICS

LADOGALES	UEOT	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
LARA MIKHEENKO	UUKH	18	AN	MER	S	BU	SS	S	2	10.0
LAYA	UPXA	7,8	AN	MER	S	BU	SS	S	1	10.0
LEBEDIN	UTKJ	18	AN	MER	S	BU	SS	S	2	16.0
LEDUS	UTXR	18	AN	MER	S	BU	SS	S	2	16.0
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
LENINABAD	UYDP	18	AN	MER	S	BU	SS	S	2	16.0
LENINAKAN	UYDQ	18	AN	MER	S	BU	SS	S	2	16.0
LENINGRAD	UQNX	18	AN	MER	S	BU	SS	S	2	16.0
LENINGRAD	USGC	1,14-16	AN	MER	S	BU	SS	S	4	15.0
LENINGRADSKAYA SLAVA	USWD	4	AN	MER	S	BU	SS	S	4	18.0
LENINO	UOTV	18	AN	MER	S	BU	SS	S	2	19.0
LENINOGORSK	UJWN	18	AN	MER	S	BU	SS	S	2	15.0
LENINSK	UODT	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
LENINSKY PIONER	WLZW	18	AN	MER	S	BU	SS	S	2	15.0
LENYA GOLIKOV	UTTC	18	AN	MER	S	BU	SS	S	2	11.0
LEON PAEGLE	UNUC	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
LESNOY	UYWG	3	AN	MER	S	BU	SS	S	2	11.0
LESOGORSK	UMBS	14-17	AN	MER	S	BU	SS	S	2	10.0
LESOZANVODSK	UQIS	18	AN	MER	S	BU	SS	S	2	15.0
LEV TOLSTOI	UVOE	1,14-16	AN	MER	S	BU	SS	S	1	9.0
LGOV	UQMW	18	AN	MER	S	BU	SS	S	2	12.0
LIGOVO	UUKO	18	AN	MER	S	BU	SS	S	1	12.0
LIRA	UJSK	18	AN	MER	S	BU	SS	S	2	12.0
LISICHANSK	UYXF	18	AN	MER	S	BU	SS	S	2	19.0

## UNION OF SOVIET SOCIALIST REPUBLICS

LISKI	UDTX	18	AN	MER	S	BU	SS	S	2	19.0
LIVADIA	UIQF	3	AN	MER	S	BU	SS	S	2	12.0
LIVNY	UKMB	18	AN	MER	S	BU	SS	S	2	19.0
LOKBOTAN	UOPR	3	AN	MER	S	BU	SS	S	3	10.0
LOKSA	UBHV	3,10,11	AN	MER	S	BU	SS	S	1	15.0
LUBNY	UYEK	18	AN	MER	S	BU	SS	S	2	19.0
LUCHEGORSK	ESIR	18	AN	MER	S	BU	SS	S	2	12.0
LUDZA	UBHU	3,10,11	AN	MER	S	BU	SS	S	1	15.0
LUGANSK	UYBE	18	AN	MER	S	BU	SS	S	2	19.0
LUKHOVITSY	UOAI	18	AN	MER	S	BU	SS	S	2	19.0
LUN	UZQC	18	AN	MER	S	BU	SS	S	2	9.0
LUNNIK	UYBL	4	AN	MER	S	BU	SS	S	1	12.0
LUTSK	UYDS	18	AN	MER	S	BU	SS	S	2	17.0
LYUBERTSY	UYEN	18	AN	MER	S	BU	SS	S	2	16.0
LYUBERTSY	USZR	18	AN	MER	S	BU	SS	S	3	10.0
LYUBLINO	UGSW	18	AN	MER	S	BU	SS	S	2	16.0
LYUBOTIN	UTKS	18	AN	MER	S	BU	SS	S	2	19.0
LYUBOV SHEVTSOVA	UOUX	18	AN	MER	S	BU	SS	S	1	14.0
LYUDAS GIRA	UAAC	3	AN	MER	S	BU	SS	S	1	12.0
LYUDINOVO	UNVH	18	AN	MER	S	BU	SS	S	2	19.0
MAGADAN	UNJJ	18	AN	MER	S	BU	SS	S	1	9.0
MAGADAN	UPPU	1,14-16	AN	MER	S	BU	SS	S	2	13.0
MAIKOP	UQNW	18	AN	MER	S	BU	SS	S	2	10.0
MAIMAKSA	UUFT	18	AN	MER	S	BU	SS	S	2	11.0
MAKHACHKALA	UVGG	18	AN	MER	S	BU	SS	S	2	15.0
MAKHTRA	UFHN	3,10,11	AN	MER	S	BU	SS	S	1	15.0
MALAKHOV KURGAN	USPM	3	AN	MER	S	BU	SS	S	2	14.0
MALKI	EIHN	18	AN	MER	S	BU	SS	S	2	12.0
MAMIN SIBIRYAK	UAAP	4	AN	MER	S	BU	SS	S	1	12.0
MANZOVKA	UGRZ	14-16	AN	MER	S	BU	SS	S	1	11.0
MARGELAN	ULJH	18	AN	MER	S	BU	SS	S	2	15.0
MARIA POLIVANUVA	JTHJ	3	AN	MER	S	BU	SS	S	3	24.0
MARIA ULYANOVA	ULGH	18	AN	MER	S	BU	SS	S	3	11.0
MARIINSK	UKWT	18	AN	MER	S	BU	SS	S	2	15.0

## UNION OF SOVIET SOCIALIST REPUBLICS

MARLIN	UHMX	3	AN	MER	S	BU	SS	S	1	6.0
MARNELLI	UUWX	18	AN	MER	S	BU	SS	S	2	18.0
MASHTAGI	UGSK	13	AN	MER	S	BU	SS	S	1	10.0
MASHUK	UTEG	14-16	AN	MER	S	BU	SS	S	1	7.0
MATOCHKIN SHAR	URUJ	3	AN	MER	S	BU	SS	S	3	20.0
MATROS KOSHK	USQX	3	AN	MER	S	BU	SS	S	2	14.0
MATSESTA	UIFC	18	AN	MER	S	BU	SS	S	2	15.0
MEDNOGORSK	UQHJ	18	AN	MER	S	BU	SS	S	2	16.0
MEDVEDITSA	UPPO	1	AN	MER	S	BU	SS	S	1	7.0
MEDYN	UKFX	18	AN	MER	S	BU	SS	S	2	17.0
MEKHANIK AFANASYEV	UYUZ	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	UPLO	15,16	AN	MER	S	BU	SS	S	3	13.0
MERIDIAN	UUYI	18	AN	MER	S	BU	SS	S	4	13.0
MERKURY	UJLM	3	AN	MER	S	BU	SS	S	1	7.0
MESKUPA ADOMAS	ESHH	18	AN	MER	S	BU	SS	S	3	12.0
METALLURG ANOSOV	USMW	18	AN	MER	S	BU	SS	S	2	15.0
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	UERM	18	AN	MER	S	BU	SS	S	2	15.0
MEZENLES	UWQV	18	AN	MER	S	BU	SS	S	2	13.0
MEZHOURECHENSK	UNQX	18	AN	MER	S	BU	SS	S	2	15.0
MEZHGORIYE	UKUX	18	AN	MER	S	BU	SS	S	2	17.0
MGA	UFHQ	3,10,11	AN	MER	S	BU	SS	S	1	15.0
MGACHI	UWHF	14-16	AN	MER	S	BU	SS	S	2	10.0
MICHURINSK	UOSB	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	BU	SS	S	2	14.0
MIKHAIL LOMONOSOV	UQIH	18	AN	MER	S	BU	SS	S	3	12.0
MIKHAIL TUKHACHEVSKY	ULPI	18	AN	MER	S	BU	SS	S	4	22.0
MIKLUKHO MAKLAJ	UOVV	18	AN	MER	S	BU	SS	S	2	14.0
MIKOLCYUS KONSTANTINAS CHYURLENIS	ULBN	3	AN	MER	S	BU	SS	S	1	12.0
MILLEROVO	UGRA	18	AN	MER	S	BU	SS	S	2	15.0
MINSK	UYCN	18	AN	MER	S	BU	SS	S	2	16.0

## UNION OF SOVIET SOCIALIST REPUBLICS

MIR	UYHB	18	AN	MER	S	BU	SS	S	2	22.0
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
MIRNY	UUWZ	1,14-16	AN	MER	S	BU	SS	S	1	8.0
MIRONYCH	UYPR	18	AN	MER	S	BU	SS	S	2	12.0
MISKHOR	UIPG	3	AN	MER	S	BU	SS	S	2	12.0
MIZAR	UYFH	3	AN	MER	S	BU	SS	S	2	12.0
MOGILEV	URMI	18	AN	MER	S	BU	SS	S	1	8.0
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
MONGUTAI	UYMO	18	AN	MER	S	BU	SS	S	2	14.0
MOREKHOO 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
MORZHCVETS	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
MOZHAIK	UBCX	18	AN	MER	S	BU	SS	S	2	15.0
MOZYR	UJXP	1,14-16	AN	MER	S	BU	SS	S	1	12.0
MOZYR	UBLX	18	AN	MER	S	BU	SS	S	1	6.0
MOZYR	UUWW	18	AN	MER	S	BU	SS	S	2	15.0
MTSENSK	UIHV	18	AN	MER	S	BU	SS	S	2	15.0
MUKACHEVO	ULAA	18	AN	MER	S	BU	SS	S	2	15.0
MURMANSK	UNFV	4	AN	MER	S	BU	SS	S	1	12.0
MURMANSK	UPBB	18	AN	MER	S	BU	SS	S	2	14.0
MURMANSK	UZIP	18	AN	MER	S	BU	SS	S	3	20.0
MURMASHI	UFHP	18	AN	MER	S	BU	SS	S	2	13.0
MUROM	USOK	18	AN	MER	S	BU	SS	S	2	15.0
MUSA DZHALI	UTQB	18	AN	MER	S	BU	SS	S	2	15.0
MYTISPCHI	UUWS	18	AN	MER	S	BU	SS	S	2	15.0
NABLYUDATEL	URMA	7	AN	MER	S	BU	SS	S	1	6.0
NAGAEVO	UVZR	18	AN	MER	S	BU	SS	S	2	14.0
NAKHODKA	UWML	18	AN	MER	S	BU	SS	S	2	13.0
NARVSKY ZALIV	EWHU	18	AN	MER	S	BU	SS	S	2	25.0

## UNION OF SOVIET SOCIALIST REPUBLICS

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	UYRI	3	AN	MER	S	BU	SS	S	2	11.0
NAVARIN	UUGJ	18	AN	MER	S	BU	SS	S	2	17.0
NEKRASOV	UFSJ	4	AN	MER	S	BU	SS	S	1	12.0
NEMAN	UFNL	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
NER UKRAINY	UTCS	18	AN	MER	S	BU	SS	S	2	12.0
NEVA	UBPJ	18	AN	MER	S	BU	SS	S	2	14.0
NEVALES	UOWC	18	AN	MER	S	BU	SS	S	2	12.0
NEVELSKY	UMCB	18	AN	MER	S	BU	SS	S	2	14.0
NIKOLAEV	UBRW	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 CHERNISHEVSKY	UPVS	1,2,15 16	AN	MER	S	BU	SS	S	2	12.0
NIKOLAI DOBROLYUBOV	ULAK	18	AN	MER	S	BU	SS	S	2	18.0
NIKOLAI FILCHENKOV	UYWE	3	AN	MER	S	BU	SS	S	2	12.0
NIKOLAI ISAENKO	UPBV	1,14-16	AN	MER	S	BU	SS	S	3	14.0
NIKOLAI KARAMZIN	UVGB	18	AN	MER	S	BU	SS	S	2	10.0
NIKOLAI NEKRASOV	UTYE	18	AN	MER	S	BU	SS	S	2	15.0
NIKOLAI OSTROVSKY	UFSL	4	AN	MER	S	BU	SS	S	1	12.0
NIKOLAI OSTROVSKY	UWHK	1,14-16	AN	MER	S	BU	SS	S	2	12.0
NIKOLAI OSTROVSKY	UVUD	3	AN	MER	S	BU	SS	S	2	12.0
NIKOLAI PIROGOV	UPVT	18	AN	MER	S	BU	SS	S	1	13.0
NIKOLAI PRZHEVALSKY	UKPK	18	AN	MER	S	BU	SS	S	2	13.0
NIKOLAI RESHETNYAK	EWGC	18	AN	MER	S	BU	SS	S	2	8.0
NIKOLAI SIPYAGIN	UNQG	3	AN	MER	S	BU	SS	S	1	10.0
NINA KUKOVEROVA	USFB	18	AN	MER	S	BU	SS	S	2	15.0
NIZNY TAGIL	UYEY	18	AN	MER	S	BU	SS	S	2	12.0
NOGINSK	UJDJ	3	AN	MER	S	BU	SS	S	3	14.0
NORDVIK	UGPR	18	AN	MER	S	BU	SS	S	2	12.0
NOVALA LADOGA	EVPX	1,14-16	AN	MER	S	BU	SS	S	4	21.0
NOVAYA ERA	UEKT	14-16	AN	MER	S	BU	SS	S	2	10.0

## UNION OF SOVIET SOCIALIST REPUBLICS

NOVAYA ZEMLYA	UHBI	18	AN	MER	S	BU	SS	S	2	13.0
NOVAYA ZEMLYA	UQPI	4	AN	MER	S	BU	SS	S	1	13.0
NOVGOROD	UTIZ	18	AN	MER	S	BU	SS	S	2	17.0
NOVIKOV PRIBOI	UFSQ	4	AN	MER	S	BU	SS	S	1	13.0
NOVODKYZHESK	UOUV	18	AN	MER	S	BU	SS	S	2	17.0
NOVOKUIBYSHEVSK	UKVD	18	AN	MER	S	BU	SS	S	2	17.0
NOVOKUZNOTSK	UHZD	18	AN	MER	S	BU	SS	S	2	17.0
NOVOMIRGOROD	UZKJ	18	AN	MER	S	BU	SS	S	2	14.0
NOVOMOSKOVSK	UGOV	18	AN	MER	S	BU	SS	S	2	17.0
NOVOSIBIRSK	UFJK	18	AN	MER	S	BU	SS	S	2	17.0
NOVOTPOITSK	DOUU	18	AN	MER	S	BU	SS	S	2	17.0
NOVOVORONEZH	USIE	18	AN	MER	S	BU	SS	S	2	16.0
NOVOYA LADOGA	UYHI	18	AN	MER	S	BU	SS	S	2	17.0
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
OCHAKOV	UVPP	18	AN	MER	S	BU	SS	S	2	16.0
ODESSA	UUML	18	AN	MER	S	BU	SS	S	1	16.0
OKEANOGRAF	UIPX	7, 8	AN	MER	S	BU	SS	S	1	8.0
OKEANOGRAF	UCGD	4, 10, 11	AN	MER	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
OKTYABRSK	UGMW	18	AN	MER	S	BU	SS	S	2	14.0
OLA	UBRV	18	AN	MER	S	BU	SS	S	2	18.0
OLENEGORSK	UHBS	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, 14-16	AN	MER	S	BU	SS	S	1	10.0
OLYUTORKA	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	14-16	AN	MER	S	BU	SS	S	1	11.0
OMSK	UQVZ	18	AN	MER	S	BU	SS	S	2	19.0
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
OREANDA	UIQJ	3	AN	MER	S	BU	SS	S	2	12.0
OREKHNOV	UEFZ	18	AN	MER	S	BU	SS	S	2	19.0

## UNION OF SOVIET SOCIALIST REPUBLICS

OREKHOVO ZNEVO	UVMT	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
ORSHA	UEGE	18	AN	MER	S	BU	SS	S	2	19.0
OSTROGOZHSK	UNNI	18	AN	MER	S	BU	SS	S	2	19.0
OSTROV MEDNY	ESVL	18	AN	MER	S	BU	SS	S	3	18.0
OTRADNOE	UYCI	18	AN	MER	S	BU	SS	S	2	17.0
OTTO GROTEVOL	EBIQ	18	AN	MER	S	BU	SS	S	2	22.0
OTTO SHMIDT	UJQW	10-12	AN	MER	S	BU	SS	S	2	12.0
OZERNCE	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	5.0
PARTIZAN BONIVUR	UVZV	18	AN	MER	S	BU	SS	S	2	16.0
PARTIZANSKAYA SLAVA	UURG	18	AN	MER	S	BU	SS	S	2	19.0
PAVEL CHEBOTNYAGIN	UTIX	14-17	AN	MER	S	BU	SS	S	2	22.0
PAVLIN VINOGRADOV	UBHD	18	AN	MER	S	BU	SS	S	2	12.0
PAVLOVO	UDTY	3	AN	MER	S	BU	SS	S	2	14.0
PAVLOVO	UF		AN	MER	S	BU	SS	S		
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	UEUC	18	AN	MER	S	BU	SS	S	3	17.0
PENZHINO	URFS	1,14-16	AN	MER	S	BU	SS	S	1	5.0
PEREKOP	UEQU	18	AN	MER	S	BU	SS	S	2	19.0
PEREYASLAVL ZALESSKY	USHZ	18	AN	MER	S	BU	SS	S	2	15.0
PERMLES	USKL	18	AN	MER	S	BU	SS	S	2	9.0
PETR OVCHINNIKOV	UYDF	1,14-16	AN	MER	S	BU	SS	S	2	12.0
PETRGDVORETS	USEP	3	AN	MER	S	BU	SS	S	1	12.0
PETROPAVLOVSK	UVQF	14-17	AN	MER	S	BU	SS	S	1	9.0
PETROPAVLOVSK KAMCHATSKY	UOLT	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
PIONERSK	UIZC	3	AN	MER	S	BU	SS	S	3	21.0
PISCHEVAYA INDUSTRIA	UPNW	15,16	AN	MER	S	BU	SS	S	4	14.0

## UNION OF SOVIET SOCIALIST REPUBLICS

PLAIA KHIRON	URKZ	3	AN	MER	S		BU	SS		S	3	12.0	
POLESSK	UNYI	18	AN	MER	S		BU	SS		S	2	14.0	
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	20.0	
POLYARNIK	UZSK	7	AN	MER	S	P	S	BU	SS	S	1	7.0	
POLYARNY	URUF	18	AN	MER	S		BU	SS		S	2	11.0	
PORKHOV	UKDO	18	AN	MER	S		BU	SS		S	2	13.0	
PORT ILYICH	UUEC	18	AN	MER	S		BU	SS		S	1	14.0	
POVENETS	UEQP	3,10,11	AN	MER	S		BU	SS		S	1	16.0	
POVOLZHE	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	UUVP	18	AN	MER	S		BU	SS		S	2	11.0	
PRIAMURYE	UKJH	18	AN	MER	S		BU	SS		S	4	12.0	
PRIBOI	EREH	1	AN	MER	S		BU	SS	RW	S	3	12.0	
PRIBOI	UJKE	18	AN	MER	S		BU	SS		S	3	18.0	
PRIONEPROVSK	USLR	18	AN	MER	S		BU	SS		S	2	19.0	
PRIKUMSK	UROG	1,15	AN	MER	S		BU	SS		S	1	12.0	
PRILIV	EREC	1	AN	MER	S		BU	SS	RW	S	3	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	
PRIPYATLES	USGA	18	AN	MER	S		BU	SS		S	2	14.0	
PRIVODINO	UOUJ	18	AN	MER	S		BU	SS		S	1	13.0	
PRIVOLZHSK	UKRN	18	AN	MER	S		BU	SS		S	1	13.0	
PRIVOLZHSK	UJMX	3	AN	MER	S		BU	SS		S	3	13.0	
PROFESSOR POPOV	UWOR	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	UPCJ	3	AN	MER	S	P	S	BU	SS	RW	S	3	30.0
PROFESSOR ZUBOV	UMWF	3	AN	MER	S	P	S	BU	SS	RW	S	3	30.0
PROKOPY GALUSHIN	UPFT	18	AN	MER	S		BU	SS		S	2	11.0	
PROKOPYEVSK	UPMJ	18	AN	MER	S		BU	SS		S	2	14.0	
PULA	UYVW	18	AN	MER	S		BU	SS		S	2	15.0	
PUSHKIN	UFSH	4,7	AN	MER	S		BU	SS		S	1	12.0	
PYARNU	USIP	3,10,11	AN	MER	S		BU	SS		S	1	16.0	

## UNION OF SOVIET SOCIALIST REPUBLICS

RADUGA	UTPY	7	AN	MER	S	BU	SS	S	1	9.0
RADY	UESJ	3	AN	MER	S	BU	SS	S	3	14.0
RAPOLAS CHARNAS	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
REMBRANDT	UISX	3	AN	MER	S	BU	SS	S	2	14.0
REPINO	UFHS	3,10,11	AN	MER	S	BU	SS	S	1	15.0
REPINO	UYZT	3	AN	MER	S	BU	SS	S	2	11.0
RESHITELNY	USZT	1,14-16	AN	MER	S	BU	SS	S	3	10.0
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
ROSTOV	UOUA	18	AN	MER	S	BU	SS	S	2	16.0
RUDOLF BLAUMANIS	UUCH	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
RYBATSKAYA SLAVA	UGNH	3	AN	MER	S	BU	SS	S	4	21.0
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
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	UFOX	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	UYRJ	3	AN	MER	S	BU	SS	S	2	12.0
SALNA	UKLI	18	AN	MER	S	BU	SS	S	2	15.0
SALTYKOV SHCHEDRIN	UFSO	4	AN	MER	S	BU	SS	S	1	12.0
SALTYKOV SHCHEDRIN	UVHL	1,14-16	AN	MER	S	BU	SS	S	1	9.0

## UNION OF SOVIET SOCIALIST REPUBLICS

SAMARKAND	UVPN	18	AN	MER	S	BU	SS	S	2	16.0
SAMBOR	UHUC	3	AN	MER	S	BU	SS	S	1	9.0
SAMUIL 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	UADB	18	AN	MER	S	BU	SS	S	2	16.0
SATURN	UNLK	3	AN	MER	S	BU	SS	S	1	7.0
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
SEREBRYANSK	UOVM	18	AN	MER	S	BU	SS	S	2	15.0
SERGEI ESENIN	UNXE	18	AN	MER	S	BU	SS	S	2	22.0
SERGEI TYULENIN	ULBU	1,14-16	AN	MER	S	BU	SS	S	1	9.0
SERGEI VASILISYN	USIZ	3	AN	MER	S	BU	SS	S	3	20.0
SERPUKHOV	UKDM	1,15	AN	MER	S	BU	SS	S	2	13.0
SEVASTOPOL	UDTJ	2,3	AN	MER	S	BU	SS	S	3	14.0
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
SEVERNOE SIYANIE	UNFX	4	AN	MER	S	BU	SS	S	1	12.0
SEVERNY POLYUS	ESII	18	AN	MER	S	BU	SS	S	5	20.0
SEVERODONETSK	UPGT	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	18	AN	MER	S	BU	SS	S	2	12.0
SEVEROMORSK	UKRO	4	AN	MER	S	BU	SS	S	1	13.0
SEVRYBA	UKFY	3	AN	MER	S	BU	SS	S	3	20.0
SHAUMYAN	UIFB	18	AN	MER	S	BU	SS	S	1	14.0

## UNION OF SOVIET SOCIALIST REPUBLICS

SHEDAR	UZZY	3	AN	MER	S		BU	SS		S	2	11.0	
SHEKSNALES	UEKZ	18	AN	MER	S		BU	SS		S	2	12.0	
SHEVKURSK	UYOA	18	AN	MER	S		BU	SS		S	2	11.0	
SHKIPER GEK	UJYG	14-17	AN	MER	S	P	S	BU	SS	RW	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	UFGI	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
SIGULDA	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	UBMY	2,3	AN	MER	S		BU	SS			S	3	14.0
SIMFEROPOL	UULF	15,16	AN	MER	S		BU	SS			S	1	7.0
SINOPTIK ILYINSKY	UJGL	1,15,16	AN	MER	S		BU	SS			S	1	3.0
SIRIUS	UYFV	3	AN	MER	S		BU	SS			S	2	12.0
SIVASH	UUVC	10,11	AN	MER	S		BU	SS			S	1	14.0
SIYANIE	URVW	18	AN	MER	S		BU	SS			S	1	9.0
SKALA	UOJK	14-16	AN	MER	S		BU	SS			S	3	15.0
SKAZOCHNIK 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 SEVASTOPOLYA	USRC	2,3	AN	MER	S		BU	SS			S	2	14.0
SLAVGOROD	UODR	18	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
SMOLNY	UNJL	1,15,16	AN	MER	S		BU	SS			S	3	14.0
SMOLNY	ESJG	18	AN	MER	S		BU	SS			S	1	8.0
SOBOLEVO	URHA	1,14,16	AN	MER	S		BU	SS			S	1	5.0
SOBOLEVO	USLZ	1,14,16	AN	MER	S		BU	SS			S	1	9.0
SOCHI	UFLX	18	AN	MER	S		BU	SS			S	2	17.0

## UNION OF SOVIET SOCIALIST REPUBLICS

SOFIA	UCCR	18	AN	MER	S	BU	SS	S	2	22.0	
SOFIA PEROVOKAYA	UMEI	18	AN	MER	S	BU	SS	S	2	11.0	
SOLNECHNOGORSK	UJVR	18	AN	MER	S	BU	SS	S	2	16.0	
SOLNECHNY LUCH	UFRX	18	AN	MER	S	BU	SS	S	3	12.0	
SOLNTSEDAR	ESIO	18	AN	MER	S	BU	SS	S	2	12.0	
SOVETSK	UJZO	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	UGMZ	18	AN	MER	S	BU	SS	S	2	15.0	
SOVETSKAYA LITVA	UBHD	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	UVTH	2, 15	AN	MER	S	P S	BU	SS	S	4	22.0
SOVETSKIE PROFSOYUZY	ESGH	18	AN	MER	S	BU	SS	S	2	12.0	
SOVETSKY SAKHALIN	UEJA	14-16	AN	MER	S	BU	SS	S	4	15.0	
SOVETSKY TURKMENISTAN	UTNY	18	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	3.0	
SPUTNIK	UYBJ	4	AN	MER	S	BU	SS	S	1	12.0	
SRETENSK	UTWQ	18	AN	MER	S	BU	SS	S	2	12.0	
STANISLAV MONYUSHKO	UIHF	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	UTWQ	18	AN	MER	S	BU	SS	S	2	8.0	
STEREGUSHCHY	UHKQ	3	AN	MER	S	BU	SS	S	4	10.0	
STRELETS	UIRH	3	AN	MER	S	BU	SS	S	2	12.0	
SUCHAN	UOFZ	18	AN	MER	S	BU	SS	S	2	13.0	
SUDZHA	UBAE	18	AN	MER	S	BU	SS	S	2	17.0	
SUKHODOL	UWIK	1, 15, 16	AN	MER	S	BU	SS	S	1	12.0	
SUKHONALES	USNC	18	AN	MER	S	BU	SS	S	2	11.0	
SUMY	UUZN	18	AN	MER	S	BU	SS	S	2	16.0	
SUZDAL	UPTX	18	AN	MER	S	BU	SS	S	3	22.0	

## UNION OF SOVIET SOCIALIST REPUBLICS

SVERDLGVSK	UPJE	18	AN	MER	S	BU	SS	S	2	16.0
SVERDLOVSK	UNEZ	4	AN	MER	S	BU	SS	S	1	12.0
SVETLAYA	ULZH	1	AN	MER	S	BU	SS	S	2	12.0
SVETLOGORSK	UUFJ	1,15,16	AN	MER	S	BU	SS	S	2	13.0
SVETLY	UMCX	18	AN	MER	S	BU	SS	S	2	14.0
SVOBOCA	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	UYGW	2,3	AN	MER	S	BU	SS	S	2	15.0
TAIGA	UYCP	18	AN	MER	S	BU	SS	S	2	12.0
TAIGANOS	UGRQ	18	AN	MER	S	BU	SS	S	2	13.0
TAIMYR	UHBJ	18	AN	MER	S	BU	SS	S	2	13.0
TALLIN	UVGC	18	AN	MER	S	BU	SS	S	2	16.0
TALSY	UDXO	18	AN	MER	S	BU	SS	S	1	16.0
TAVRIA	USNH	2,3	AN	MER	S	BU	SS	S	3	12.0
TBILISI	UJYM	18	AN	MER	S	BU	SS	S	2	10.0
TEODOR NETTE	UYOG	18	AN	MER	S	BU	SS	S	2	13.0
TERMEZ	UYSK	1,14-16	AN	MER	S	BU	SS	S	1	7.0
TERNEI	UHBA	14-17	AN	MER	S	BU	SS	S	1	11.0
TIKSI	UUZS	18	AN	MER	S	BU	SS	S	2	15.0
TITANIA	UUEE	1,14-16	AN	MER	S	BU	SS	S	2	16.0
TOPSECA	UNHO	7	AN	MER	S	BU	SS	S	1	7.0
TRANSBALT	UKER	18	AN	MER	S	BU	SS	S	2	15.0
TRUDOVAYA SLAVA	UGNI	18	AN	MER	S	BU	SS	S	4	22.0
TRUDOVYE RESERVY	UONS	14,16	AN	MER	S	BU	SS	S	2	12.0
TSELINOGRAD	UUED	1,14-16	AN	MER	S	BU	SS	S	2	13.0
TSEKIS	UOXK	18	AN	MER	S	BU	SS	S	1	16.0
TSYMLYANSKES	UKKG	18	AN	MER	S	BU	SS	S	2	17.0
TULOMA	UNJD	1,14,16	AN	MER	S	BU	SS	S	2	13.0
TULOMA	UVMI	18	AN	MER	S	BU	SS	S	2	12.0
TUNETS	UJCN	4	AN	MER	S	BU	SS	S	1	8.0
TURKMENIA	UERV	18	AN	MER	S	BU	SS	S	4	15.0
TYUMEN	UGRJ	18	AN	MER	S	BU	SS	S	2	12.0
UALN BATOR	UTIK	18	AN	MER	S	BU	SS	S	2	18.0

## UNION OF SOVIET SOCIALIST REPUBLICS

UELEN	UOIN	18	AN	MER	S	BU	SS	S	2	15.0
UGLICH	UZUQ	15-16	AN	MER	S	BU	SS	S	1	11.0
UKRAINA	OHXQ	18	AN	MER	S	BU	SS	S	2	10.0
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	15.0
URALSKIE GORY	UJOM	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
UZHGORDO	UIEV	18	AN	MER	S	BU	SS	S	2	16.0
VAIGACH	UHBK	18	AN	MER	S	BU	SS	S	2	13.0
VAKHICHEVAN	ERSO	18	AN	MER	S	BU	SS	S	4	21.0
VALDAILES	UEBZ	18	AN	MER	S	BU	SS	S	2	12.0
VALENTIN KOTEL'NIKOV	UOUW	1,14	AN	MER	S	BU	SS	S	2	14.0
VALENTIN SEROV	UYIR	3	AN	MER	S	BU	SS	S	2	15.0
VALENTINA TERESHKOVA	ULZD	18	AN	MER	S	BU	SS	S	2	15.0
VALERIAN KUIBYSHEV	UKFF	18	AN	MER	S	BU	SS	S	2	15.0
VALGA	UPHG	11	AN	MER	S	BU	SS	S	1	12.0
VALMIERA	UEDN	18	AN	MER	S	BU	SS	S	1	17.0
VALYA KOTIK	UTSX	18	AN	MER	S	BU	SS	S	2	16.0
VAN DEIK	UIUL	3	AN	MER	S	BU	SS	S	2	14.0
VANINO	UYSF	18	AN	MER	S	BU	SS	S	2	10.0
VANKAREN	UVXE	18	AN	MER	S	BU	SS	S	2	16.0
VANTSETTI PRONCHISHCHEV	YOAS	15-16	AN	MER	S	BU	SS	S	1	11.0
VARNA	UKNR	18	AN	MER	S	BU	SS	S	2	17.0
VASILII PEROV	UYZY	1,14-16	AN	MER	S	BU	SS	S	2	15.0
VASILY	USQG	18	AN	MER	S	BU	SS	S	2	10.0
VASILY BLYUKFER	USEG	18	AN	MER	S	BU	SS	S	2	22.0
VASILY KACHALOV	UKPD	18	AN	MER	S	BU	SS	S	2	15.0
VASILY POLENOV	USCW	3	AN	MER	S	BU	SS	S	2	14.0

## UNION OF SOVIET SOCIALIST REPUBLICS

VASILY POYARKOV	UIXA	1	AN	MER	S	BU	SS	S	2	12.0
VASILY PUTINTSEV	UYUG	18	AN	MER	S	BU	SS	S	2	22.0
VASILY SURIKOV	UYIG	3	AN	MER	S	BU	SS	S	2	15.0
VASILY VERESHCHAGIN	UHAZ	1,14-16	AN	MER	S	BU	SS	S	2	18.0
VASILY VINEVITIN	UYLL	1,14-16	AN	MER	S	BU	SS	S	2	10.0
VASYA ALEKSEEV	UUHJ	18	AN	MER	S	BU	SS	S	2	10.0
VASYA KOROBKO	USOU	18	AN	MER	S	BU	SS	S	2	15.0
VASYA SHISHKOVSKII	UUEQ	18	AN	MER	S	BU	SS	S	2	12.0
VATUTINO	UNSQ	18	AN	MER	S	BU	SS	S	2	17.0
VELIKIE LUKI	UBHR	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
VERKHoyANSKLES	UJBZ	18	AN	MER	S	BU	SS	S	2	11.0
VESTNIK	UTPN	15,16	AN	MER	S	BU	SS	S	1	4.0
VETER	UYGL	3	AN	MER	S	BU	SS	S	2	15.0
VETLUGALES	UIMW	18	AN	MER	S	BU	SS	S	2	12.0
VIKTOR KINGISEPP	USVL	3	AN	MER	S	BU	SS	S	3	20.0
VIKTOR LYAGIN	UYZB	18	AN	MER	S	BU	SS	S	2	13.0
VIKTOR VASNETSOV	UHCJ	1,14-16	AN	MER	S	BU	SS	S	2	15.0
VILIS LATSIS	UGOC	18	AN	MER	S	BU	SS	S	4	22.0
VILNYUS	UKBB	18	AN	MER	S	BU	SS	S	2	10.0
VILYUILES	UILC	14-17	AN	MER	S	BU	SS	S	2	13.0
VINNITSA	UKKU	18	AN	MER	S	BU	SS	S	2	16.0
VINTSAS NITSKYAVICHUS KAPSUKAS	ESIP	18	AN	MER	S	BU	SS	S	4	20.0
VISSARION BELINSKY	UTPK	18	AN	MER	S	BU	SS	S	2	15.0
VITEBSK	UNFY	4-7	AN	MER	S	BU	SS	S	1	12.0
VITEBSK	UUMN	1,15,16	AN	MER	S	BU	SS	S	2	15.0
VITIM	UUXW	18	AN	MER	S	BU	SS	S	2	18.0
VITUS BERING	USZU	3	AN	MER	S	BU	SS	S	2	14.0
VLADIMIR	UKRK	18	AN	MER	S	BU	SS	S	2	16.0
VLADIMIR ILICH	UQJB	18	AN	MER	S	BU	SS	S	2	18.0
VLADIMIR KOROZENKO	UDON	18	AN	MER	S	BU	SS	S	2	17.0
VLADIMIR MAYAKOVSKY	UNBG	18	AN	MER	S	BU	SS	S	2	14.0

## UNION OF SOVIET SOCIALIST REPUBLICS

VLADIVOSTOK	UWCD	18	AN	MER	S	BU	SS	S	3	17.0
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
VOLCHANSK	UWTG	18	AN	MER	S	BU	SS	S	2	14.0
VOLCHANSK	UNZX	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
VOLGOCONSK	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	UKEJ	6	AN	MER	S	BU	SS	S	1	13.0
VOLOCHAEVSK	UJDK	1, 14-16	AN	MER	S	BU	SS	S	2	16.0
VOLODARSK	UUXV	18	AN	MER	S	BU	SS	S	2	15.0
VOLOGCALES	UKNY	18	AN	MER	S	BU	SS	S	2	12.0
VOLZHSK	UNOY	18	AN	MER	S	BU	SS	S	2	15.0
VOLZHSK	UUAL	3	AN	MER	S	BU	SS	S	2	14.0
VORKUTA	UGRK	18	AN	MER	S	BU	SS	S	2	12.0
VORKUTA	URQI	4	AN	MER	S	BU	SS	S	2	12.0
VORONEZH	UYNC	18	AN	MER	S	BU	SS	S	2	12.0
VOSKHCD	UYGX	18	AN	MER	S	BU	SS	S	2	10.0
VOSKHOD	UHBH	18	AN	MER	S	BU	SS	S	2	13.0
VOSKHOD	UQMF	7	AN	MER	S	BU	SS	S	1	7.0
VOSKHOD	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
VOSTOCHNYJ	UNYY	18	AN	MER	S	BU	SS	S	2	18.0
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
VOTKINSK	UYJE	18	AN	MER	S	BU	SS	S	2	18.0
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

## UNION OF SOVIET SOCIALIST REPUBLICS

VYBORG	USHF	18	AN	MER	S	BU	SS	S	2	15.0		
VYBORGSKAYA STORONA	UIWH	18	AN	MER	S	BU	SS	S	2	10.0		
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		
VYSOTSK	UNZL	18	AN	MER	S	BU	SS	S	2	16.0		
VYTEGRA	UVFV	18	AN	MER	S	BU	SS	S	2	11.0		
VYTEGRALES	UTDX	18	AN	MER	S	BU	SS	S	2	12.0		
VYZMA	UYQU	18	AN	MER	S	BU	SS	S	2	15.0		
VZMORYE	UHBL	14-17	AN	MER	S	BU	SS	S	1	11.0		
YAKOV SMUSHKEVICH	URPD	3	AN	MER	S	BU	SS	S	1	12.0		
YAKUTSKLES	UJCU	18	AN	MER	S	BU	SS	S	2	11.0		
YALTA	USTD	3	AN	MER	S	BU	SS	S	2	12.0		
YAMAL	UZNW	18	AN	MER	S	BU	SS	S	2	11.0		
YAN ANVELT	UFOC	4,6,10,11	AN	MER	S	BU	SS	S	2	14.0		
YANA	UUET	1,14,16	AN	MER	S	BU	SS	S	2	13.0		
YANA	UVDJ	14-17	AN	MER	S	BU	SS	S	1	11.0		
YANALES	UORM	18	AN	MER	S	BU	SS	S	2	12.0		
YARONIM UBORYAVICHUS	USXC	3	AN	MER	S	BU	SS	S	1	12.0		
YAROSLAVL	UJLD	1,14-16	AN	MER	S	BU	SS	S	2	14.0		
YAROSLAVL	UNEU	4	AN	MER	S	BU	SS	S	1	12.0		
YU.M. SHOKALSKY	UNAC	18	AN	MER	S	BU	SS	S	3	24.0		
YULIS YAPONIS	UAAD	4	AN	MER	S	BU	SS	S	2	16.0		
YUNOST	UVIZ	1,14-16	AN	MER	S	BU	SS	S	2	12.0		
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	URDO	18	AN	MER	S	BU	SS	S	2	15.0		
YURY LENINETS	UYCG	18	AN	MER	S	BU	SS	S	2	15.0		
YUTA BONDAREVSKAYA	USBZ	18	AN	MER	S	BU	SS	S	2	15.0		
ZAPAD	UJCM	3	AN	MER	S	BU	SS	S	1	7.0		
ZAPOLYARNY	UWUT	18	AN	MER	S	BU	SS	S	2	16.0		
ZAPOLYARNY	UISS	3	AN	MER	S	BU	SS	S	2	14.0		
ZAPOLYARYE	UHLW	18	AN	MER	S	BU	SS	S	2	14.0		
ZARECHENSK	UOUZ	18	AN	MER	S	BU	SS	S	2	22.0		

## UNION OF SOVIET SOCIALIST REPUBLICS

ZARNITSA	URYX	18	AN	MER	S	BU	SS	S	1	9.0
ZARUBINO	ESPD	18	AN	MER	S	BU	SS	S	2	12.0
ZELENOBORSK	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	UHYT	1,14-17	AN	MER	S	BU	SS	S	1	7.0
ZENIT	UUYJ	18	AN	MER	S	BU	SS	S	3	12.0
ZEYALES	UJAD	1,14-16	AN	MER	S	BU	SS	S	1	9.0
ZHALGIRIS	ESXW	18	AN	MER	S	BU	SS	S	2	14.0
ZHANNA LYABURG	UYVR	18	AN	MER	S	BU	SS	S	2	18.0
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
ZINA PORTNOVA	UUBS	18	AN	MER	S	BU	SS	S	2	12.0
ZLATOUST	UNEV	4	AN	MER	S	BU	SS	S	1	12.0
ZOOCHY	ESIB	18	AN	MER	S	BU	SS	S	2	10.0
ZODIAK	EIXI	3	AN	MER	S	BU	SS	S	2	12.0
ZOLOTITSA	UZNX	18	AN	MER	S	BU	SS	S	2	11.0
ZOLOTCI ROG	EOQS	18	AN	MER	S	BU	SS	S	2	16.0
ZORINSK	UWBJ	18	AN	MER	S	BU	SS	S	2	19.0
ZOYA KOSMODEMYANSKAYA	UPNF	4	AN	MER	S	BU	SS	S	1	13.0
ZVAIGZNE	QRRN	18	AN	MER	S	BU	SS	S	2	11.0
ZVENIGOROD	UZCT	18	AN	MER	S	BU	SS	S	2	22.0
ZVEZOA	ULDL	3	AN	MER	S	BU	SS	S	1	7.0
15 SEZD VLKSM	UORN	1,14-16	AN	MER	S	BU	SS	S	2	12.0

UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND

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

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UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND

Selected Ships

ACHILLES	MXGL	4	MER	MER	S	P	S	BU	OS	TMS	2	17.0
ACT 1	GYXG	2	AN*	MER	S	P	S	BU	OS	TMS	1	21.0
ACT 2	GYZU	2	AN*	MER	S	P	S	BU	OS	TMS	1	21.0
ADELAIDE STAR	GXPB	2	MER	MER	S	P	S	BU	OS	TMS	1	18.0
ADVENTURER	GFCE	19	MER	MER	S	P	S	BU	OS	TMS	1	17.0
ADVOCATE	MFUK	14, 19	MER	MER	S	P	S	BU	OS	TMS	1	16.0
AFGHANISTAN	GVTS	12, 15	MER	MER	S	P	S	BU	OS	MS	1	17.0
AJAX	GVBD	4	MER	MER	S	P	S	BU	OS	TMS	1	17.0
ALARIC	GWRO	2	MER	MER	S	P	S	BU	OS	TMS	1	
ALBRIGHT EXPLORER	GVUC	12	AN*	MER	S	P	S	BU	OS	TMS	1	15.0
ALBRIGHT PIONEER	GUYD	12	AN*	MER	S	P	S	BU	OS	TMS	1	15.0
ALERT	GHJW	3	AN*	MER	S	P	S	BU	SS	MS	1	17.0
ALINDA	GBZU	21	MER	MER	S	P	S	BU	OS	TMS	1	16.0
AMALRIC	GHDT	11	MER	MER	S	P	S	BU	OS	TMS	1	
AMARNA	GCBC	10	AN*	MER	S	P	S	BU	OS	TMS	1	13.0
AMASTRA	MYCK	21	MER	MER	S	P	S	BU	OS	TMS	1	17.0
AMERICA STAR	GKVH	12	AN*	MER	S	P	S	BU	OS	TMS	1	17.0
AMORIA	GCXU	21	MER	MER	S	P	S	BU	OS	TMS	1	17.0
ANADARA	GCKA	21	AN*	MER	S	P	S	BU	OS	MS	1	15.0
ANNUITY	GHLK	8	AN*	MER	S	P	S	BU	OS	T		10.0
ANTILOCHUS	MBLK	4	MER	MER	S	P	S	BU	OS	TMS	1	17.0
ANTRIM	GHXT	2	MER	MER	S	P	S	BU	OS	TMS	1	15.0
ARALUEN	GWBB	2	MER	MER	S	P	S	BU	OS	TMS	1	15.0
ARGENTINA STAR	GTKF	15	MER	MER	S	P	S	BU	OS	MS	1	19.0
ARGYLLSHIRE	GVBX	2	AN*	MER	S	P	S	BU	OS	TMS	1	15.0
ARMADALE	GODZ	2	AN*	MER	S	P	S	BU	OS	TMS	1	17.0
ARMANISTAN	GPSH	12	AN*	MER	S	P	S	BU	OS	TMS	1	17.0
ASPRELLA	GCKE	19	MER	MER	S	P	S	BU	OS	TMS	1	16.0

\* NEW TYPE PRECISION ANEROID BAROMETER  
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## UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND

ASTYANAX	GMSR	4	MER	MER	S	P	S	BU	OS	TMS	2	17.0
ATHELCHIEF	GXPF	21	MER	MER	S	P	S	BU	OS	TMS	1	15.0
ATLANTIC CAUSEWAY	GZML	12	AN*	MER	S	P	S	BU	OS	TMS	1	27.0
ATLANTIC CONVEYOR	GZMM	12	AN*	MER	S	P	S	BU	OS	TMS	2	31.0
AUCKLAND STAR	GJNU	2	MER	MER	S	P	S	BU	OS	TMS	1	13.0
AUREOL	GMGJ	18	MER	MER	S	P	S	BU	OS	TMS	1	22.0
AUSTRALIA STAR	GQYU	2	AN*	MER	S	P	S	BU	OS	TMS	1	17.0
AUSTRALIND	GHMJ	2, 4	MER	MER	S	P	S	BU	OS	TMS	1	17.0
AUTHOR	GXSY	14	MER	MER	S	P	S	BU	OS	TMS	1	17.0
BAHARISTAN	GBOU	13	AN*	MER	S	P	S	BU	OS	TMS	1	17.0
BALTIC SUN	GHZL	8	AN*	MER	S	P	S	BU	OS	TMS	1	17.0
BALTISTAN	GQSV	13	MER	MER	S	P	S	BU	OS	TMS	2	15.0
BAMBURGH CASTLE	GORE	12, 10	MER	MER	S	P	S	BU	OS	TMS	1	17.0
BARON ARDROSSAN	GOUX	21	AN*	MER	S	P	S	BU	OS	TMS	1	23.0
BARON CAWDOR	GXQE	21	MER	MER	S	P	S	BU	OS	TMS	1	16.0
BARON RENFREN	GNUT	21	AN*	MER	S	P	S	BU	OS	TMS	1	19.0
BARRISTER	MSTP	19, 14	MER	MER	S	P	S	BU	OS	TMS	1	18.0
BEAVERFIR	GHQO	12	AN*	MER	S	P	S	BU	OS	TMS	1	13.0
BEECHBANK	GNKU	21	MER	MER	S	P	S	BU	OS	TMS	1	17.0
BEECHWOOD	GGMH	12	MER	MER	S	P	S	BU	OS	TMS	1	15.0
BELLNES	GYZR	21	AN*	MER	S	P	S	BU	OS	TMS	1	18.0
BENALLIGIN	GBZC	4	MER	MER	S	P	S	BU	OS	TMS	2	2.0
BENARMIN	GHFH	4	AN*	MER	S	P	S	BU	OS	TMS	1	17.0
BENARTY	GKGH	4	MER	MER	S	P	S	BU	OS	TMS	1	17.0
BENATOW	GKPF	4	MER	MER	S	P	S	BU	OS	TMS	1	17.0
BENCAIRN	GDLN	4	MER	MER	S	P	S	BU	OS	MS	1	19.0
BENCLEUCH	GBKR	4	MER	MER	S	P	S	BU	OS	TMS	1	15.0
BENCRUACHAN	GYNP	4	AN*	MER	S	P	S	BU	OS	TMS	1	23.0
BENDEARG	GMVU		AN*	MER	S	P	S	BU	OS	TMS	1	19.0
BENEFACOR	GQTQ	14	AN*	MER	S	P	S	BU	OS	TMS	1	18.0
BENHOPE	GJZD	4	MER	MER	S	P	S	BU	OS	TMS	1	16.0

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UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND

BENKITLAN	GBZT	4	MER	MER	S	P	S	BU	OS	TMS	1	17.0
BENLAWER	GNOU	4	AN*	MER	S	P	S	BU	OS	TMS	1	23.0
BENLEDI	GPYU	4	AN*	MER	S	P	S	BU	OS	TMS	1	21.0
BENLOMOND	MXKR	4	MER	MER	S	P	S	BU	OS	TMS	1	21.0
BENRECCH	GPVB	4	MER	MER	S	P	S	BU	OS	TMS	1	18.0
BENRINNES	GFNC	4	MER	MER	S	P	S	BU	OS	TMS	1	17.0
BENSTAC	GYDW	4	AN*	MER	S	P	S	BU	OS	TMS	1	21.0
BENVALLA	GIAM	4	AN*	MER	S	P	S	BU	OS	TMS	2	18.0
BENVANNOCH	GDTY	4	MER	MER	S	P	S	BU	OS	TMS	1	17.0
BERNARD	GPKZ	4	MER	MER	S	P	S	BU	OS	TMS	1	15.0
BHAMO	GVJF	4	MER	MER	S	P	S	BU	OS	TMS	1	17.0
BONIFACE	GVMX	19	MER	MER	S	P	S	BU	OS	TMS	1	15.0
BOOKER VANGUARD	MHEM	15	AN*	MER	S	P	S	BU	OS	MS	1	17.0
BOOKER VENTURE	GHPB	19	AN*	MER	S	P	S	BU	OS	TMS	1	17.0
BORDER CASTLE	GGRH	21	MER	MER	S	P	S	BU	OS	TMS	1	18.0
BORDER SHEPHERD	GGRA	21	MER	MER	S	P	S	BU	OS	TMS	1	17.0
BOTANY BAY	GYSE	2	AN*	MER	S	P	S	BU	OS	TMS	1	16.0
BRANDON PRIORY	GFPE	13	MER	MER	S	P	S	BU	OS	TMS	1	18.0
BRANSFIELD	ZDLG	5	AN*	ELE	S	P	S	HC	OS	TMS	1	17.0
BRASIL STAR	GTLF	15	MER	MER	S	P	S	BU	OS	MS	1	18.0
BRITANNIC	GXKA	2	AN*	MER	S	P	S	BU	OS	TMS	1	20.0
BRITISH AMBASSADOR	GXLK	21	MER	MER	S	P	S	BU	OS	TMS	1	
BRITISH BOMBARDIER	GIAH	13	MER	MER	S	P	S	BU	OS	TMS	1	16.0
BRITISH CONFIDENCE	GPXA	13	MER	MER	S	P	S	BU	OS	TMS	1	18.0
BRITISH FREEDOM	GFCB	13	MER	MER	S	P	S	BU	OS	MS	1	17.0
BRITISH FULMER	GXQL	21	AN*	MER	S	P	S	BU	OS	MS	1	17.0
BRITISH HERO	MPJY	21	MER	MER	S	P	S	BU	OS	TMS	1	18.0
BRITISH HOLLY	GNHZ	21	AN*	MER	S	P	S	BU	OS	TMS	1	18.0
BRITISH KIWI	GDNE	4	MER	MER	S	P	S	BU	OS	MS	1	15.0
BRITISH SAILOR	MPLJ	13, 21	MER	MER	S	P	S	BU	OS	MS	1	16.0
BRITISH TRUST	GCHD	21	MER	MER	S	P	S	BU	OS	TMS	1	17.0

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BRITISH VALOUR	MTWM	13	AN*	MER	S	P	S	BU	OS	TMS	1	18.0
BUCCLEUCH	GPZA	21	MER	MER	S	P	S	BU	OS	TMS	1	
C.P. AMBASSADOR	GRNE	12	AN*	MER	S	P	S	BU	OS	TMS	1	15.0
C.P. DISCOVERER	GNAS	12	AN*	ELE	S	P	S	HC	OS	TMS	1	15.0
C.P. EXPLORER	GJTA	12	AN*	MER	S	P	S	BU	OS	TMS	1	15.0
C.P. TRADER		12	AN*	MER	S	P	S	BU	OS	TMS	1	25.0
C.P. VOYAGEUR	GNAQ	12	AN*	MER	S	P	S	BU	OS	TMS	1	23.0
CALCHAS	GMSS	4	AN*	MER	S	P	S	BU	OS	MS	1	18.0
CAMITO	GVNW	19	AN*	MER	S	P	S	BU	OS	TMS	2	17.0
CANBERRA STAR	GJNZ	2	AN*	MER	S	P	S	BU	OS	TMS	1	20.0
CANNANORE	MCLD	4	MER	MER	S	P	S	BU	OS	MS	1	17.0
CANOPIC	GSWK	2	MER	MER	S	P	S	BU	OS	TMS	1	15.0
CANTERBURY STAR	GHBT	11	AN*	MER	S	P	S	BU	OS	MS	1	13.0
CAPE CLEAR	GVQU	21	MER	MER	S	P	S	BU	OS	TMS	1	17.0
CAPE FRANKLIN	GCNH	17	MER	MER	S	P	S	BU	OS	TMS	1	17.0
CAPE HORN	GOUD	2, 19	AN*	MER	S	P	S	BU	OS	TMS	1	20.0
CAPE HOWE	GJZH	6, 15	MER	MER	S	P	S	BU	OS	TMS	2	17.0
CAPE NELSON	GHNJ	18, 15	MER	MER	S	P	S	BU	OS	TMS	2	17.0
CAPE SABLE	GYZF	19	AN*	MER	S	P	S	BU	OS	TMS	1	17.0
CAPE WRATH	GYRA	19	MER	MER	S	P	S	BU	OS	TMS	1	18.0
CAPE YORK	GZDC	4	MER	MER	S	P	S	BU	OS	TMS	2	16.0
CARDIFF CITY	GJWN	17	MER	MER	S	P	S	BU	OS	TMS	1	13.0
CARDIGANSHIRE	GGCM	4	MER	MER	S	P	S	BU	OS	TMS	1	17.0
CARREL	GOME	21	AN*	MER	S	P	S	BU	OS	TMS	1	
CARRIGAN HEAD	MYGD	12	AN*	MER	S	P	S	BU	OS	TMS	1	15.0
CEDRIC	GPRG	2	MER	MER	S	P	S	BU	OS	TMS	1	14.0
CERAMIC	GFLM	2	MER	MER	S	P	S	BU	OS	TMS	2	17.0
CHAKDARA	GFSG	13	AN*	MER	S	P	S	BU	OS	TMS	1	
CHAKLA	MSDN	21	MER	MER	S	P	S	BU	OS	MS	1	
CHERRYWOOD	GXRK		AN*	MER	S	P	S	BU	OS	TMS	1	16.0
CHEVIOT	GHMK	12, 15	MER	MER	S	P	S	BU	OS	TMS	1	17.0

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CIROLANA	GNAM	5	AN*	MER	S	P	S	BU	OS	TMS	1	11.0
CITY OF AUCKLAND	GWON		AN*	MER	S	P	S	BU	OS	TMS	1	
CITY OF BEDFORD	GDLK	4	MER	MER	S	P	S	BU	OS	MS	1	15.0
CITY OF CAPE TOWN	GBLE	14	MER	MER	S	P	S	BU	OS	MS	1	16.0
CITY OF COLOMBO	GTQJ	14	AN*	MER	S	P	S	BU	OS	TS	1	16.0
CITY OF DUNDEE	GHML		AN*	MER	S	P	S	BU	OS	TMS	1	
CITY OF GUILDFORD	GBXR	14	MER	MER	S	P	S	BU	OS	MS	1	14.0
CITY OF KARACHI	GDVD	21	MER	MER	S	P	S	BU	OS	TMS	1	15.0
CITY OF LEEDS	GZGB	14	AN*	MER	S	P	S	BU	OS	TMS	1	15.0
CITY OF LIVERPOOL	GOOA	14	AN*	MER	S	P	S	BU	OS	TMS	1	18.0
CITY OF LONDON	GOMP	14	AN*	MER	S	P	S	BU	OS	TMS	1	18.0
CITY OF OTTAWA	GIAY	14	AN*	MER	S	P	S	BU	OS	MS	1	17.0
CITY OF OXFORD	GZMN	14	AN*	MER	S	P	S	BU	OS	MS	1	16.0
CITY OF ST. ALBANS	GHKM	4	MER	MER	S	P	S	BU	OS	TMS	1	14.0
CITY OF TORONTO	GHNU	14	MER	MER	S	P	S	BU	OS	TMS	2	
CITY OF WELLINGTON	GVPC	4	MER	MER	S	P	S	BU	OS	TMS	1	18.0
CITY OF WORCESTER	GHDC	4	AN*	MER	S	P	S	BU	OS	TMS	1	17.0
CLAN ALPINE	GTYH	14	MER	MER	S	P	S	BU	OS	TMS	1	17.0
CLAN GRANT	GHXQ	4	AN*	MER	S	P	S	BU	OS	TMS	1	15.0
CLAN MACGILLIVRAY	GIGY	4	AN*	MER	S	P	S	BU	OS	MS	1	20.0
CLAN MACGREGOR	GKWU	14	MER	MER	S	P	S	BU	OS	MS	1	
CLAN MACILWRAITH	GHDL	4, 14	MER	MER	S	P	S	BU	OS	MS	1	17.0
CLAN MACINDOE	GFLH	14, 4	MER	MER	S	P	S	BU	OS	TMS	1	17.0
CLAN MACINNES	GNWG	15	AN*	MER	S	P	S	BU	OS	TMS	1	17.0
CLAN MACINTYRE	MNMM		AN*	MER	S	P	S	BU	OS	TMS	1	15.0
CLAN MACIVER	GXBX		AN*	MER	S	P	S	BU	OS	TMS	1	15.0
CLAN MACLAREN	GSSC	4, 2	MER	MER	S	P	S	BU	OS	TMS	1	17.0
CLAN MACLAY	GSTB	4, 14	MER	MER	S	P	S	BU	OS	TMS	1	17.0
CLAN MACLEAN	GSWX	4, 14	MER	MER	S	P	S	BU	OS	TMS	1	15.0
CLAN MACLEOD	GSZC	14, 4	MER	MER	S	P	S	BU	OS	TMS	2	15.0
CLAN MACNAB	GHJH	4, 12	AN*	MER	S	P	S	BU	OS	TMS	1	17.0

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CLAN MACNAIR	GHTR	4	AN*	MER	S	P	S	BU	OS	MS	2	17.0
CLAN MALCOLM	GBWQ	4	MER	MER	S	P	S	BU	OS	TMS	1	17.0
CLAN MATHESON	GVWP	4	MER	MER	S	P	S	BU	OS	TMS	1	17.0
CLAN MENZIES	MXWQ	14, 4	MER	MER	S	P	S	BU	OS	TMS	1	15.0
CLAN RAMSEY	GMUZ	14	AN*	MER	S	P	S	BU	OS	TMS	1	18.0
CLAN RANALD	GMVA	4	AN*	MER	S	P	S	BU	OS	TMS	1	17.0
CLAN ROBERTSON	GMVE	14	AN*	MER	S	P	S	BU	OS	TMS	1	17.0
CLAN ROSS	GQNE	14	AN*	MER	S	P	S	BU	OS	MS	1	17.0
CLARKEDEN	GXPB	12	MER	MER	S	P	S	BU	OS	TMS	1	15.0
CLIONE	GHJY	9	AN*	MER	S	P	S	BU	OS	T		5.0
CLYSTONEUS	GMQG	4	MER	MER	S	P	S	BU	OS	TMS	1	18.0
COLLIN	GOMF	14	AN*	MER	S	P	S	BU	OS	TMS	1	16.0
COLORADO STAR	GPGN	18	AN*	MER	S	P	S	BU	OS	TMS	1	17.0
CONON FOREST	GYWT	21	AN*	MER	S	P	S	BU	OS	TMS	1	19.0
CONSTANCE BOWATER	GXFM	12	MER	MER	S	P	S	BU	OS	TMS	1	13.0
CORELLA	GWMA	9	AN*	MER	S	P	S	BU	OS	T		8.0
COTOPAXI	GQNX	20	MER	MER	S	P	S	BU	OS	TMS	1	17.0
COTSWOLD	GPZE	21	MER	MER	S	P	S	BU	OS	TMS	1	
COVENTRY CITY	GQRE	12	AN*	MER	S	P	S	BU	OS	TMS	1	18.0
CRAIGALLIAN	GDTH	12	MER	MER	S	P	S	BU	OS	TMS	1	17.0
CRETIC	GTFP	2	MER	MER	S	P	S	BU	OS	TMS	1	17.0
CRINAN	GFZH	18, 10	MER	MER	S	P	S	BU	OS	TMS	1	18.0
CRYSTAL DIAMOND	MXJJ	19	MER	MER	S	P	S	BU	OS	TMS	1	14.0
CRYSTAL GEM	GVCX	19	AN*	MER	S	P	S	BU	OS	TMS	1	13.0
CRYSTAL SAPPHIRE	GFHN	19	AN*	MER	S	P	S	BU	OS	TMS	1	15.0
CUMBERLAND	GPPY	2, 6	MER	MER	S	P	S	BU	OS	TMS	1	18.0
CUMBRIA	GOVT	21	MER	MER	S	P	S	BU	OS	TMS	1	
CYCLOPS	GMQD	4	MER	MER	S	P	S	BU	OS	TMS	1	17.0
CYMRIC	GQCK	2	MER	MER	S	P	S	BU	OS	TMS	1	17.0
DAGHESTAN	GGQU	12	MER	MER	S	P	S	BU	OS	TMS	1	17.0
DALESMAN	GHMR	19	AN*	MER	S	P	S	BU	OS	TMS	1	17.0

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DALHANNA	GXKP	11	MER	MER	S	P	S	BU	OS	TMS	1	14.0
DART AMERICA	GOOB	11	AN*	MER	S	P	S	C	OS	TMS	1	
DART ATLANTIC	GOOF	12	AN*	MER	S	P	S	C	OS	TMS	1	25.0
DEVON CITY	GFDA	19	MER	MER	S	P	S	BU	OS	MS	2	17.0
DISCOVERY	GLNE	9	AN*	ELE	S	P	S	HC	OS	TMS	1	15.0
DISCOVERY BAY	GYRY	2	AN*	MER	S	P	S	BU	OS	TMS	1	25.0
DONEGAL	MXGB	2,4	MER	MER	S	P	S	BU	OS	TMS	1	17.0
DORSET	GZFO	2,6	MER	MER	S	P	S	BU	OS	TMS	2	17.0
DUHALLOW	GPZH	12	MER	MER	S	P	S	BU	OS	TMS	1	
DUKESGARTH	GHNY	12,15	MER	MER	S	P	S	BU	OS	MS	1	13.0
DUNADO	GVBV	12	MER	MER	S	P	S	BU	OS	TMS	2	17.0
DUNBLANE	GVDT	12	AN*	MER	S	P	S	BU	OS	TMS	1	16.0
DUNCRAIG	GVJY	18	MER	MER	S	P	S	BU	OS	TMS	1	15.0
DUNKWA	GFRE	18	AN*	MER	S	P	S	BU	OS	TMS	1	17.0
DUNSTANBURGH CASTLE	GZRW	12,4	MER	MER	S	P	S	BU	OS	MS	1	
EDENMORE	MXKW	12,15	AN*	MER	S	P	S	BU	OS	TMS	1	17.0
EDINBURGH CASTLE	GOHN	14	AN*	MER	S	P	S	C	OS	TMS	3	21.0
EDWARD WILSHAW	MBMP	3	MER	MER	S	P	S	BU	OS	TMS	3	
EGTON	GJPN	12	MER	MER	S	P	S	BU	OS	TMS	1	17.0
EL LOBO	GCFH	19	AN*	MER	S	P	S	BU	OS	TMS	1	
ELIZABETH BOWATER	GXFL	12	MER	MER	S	P	S	BU	OS	TMS	1	10.0
ELMBANK	GFSU	21	MER	MER	S	P	S	BU	OS	MS	1	14.0
ENCOUNTER BAY	GYRW	2	AN*	MER	S	P	S	C	OS	TMS	1	25.0
ENGLISH STAR	MFSS	2	MER	MER	S	P	S	BU	OS	MS	1	15.0
ERAWAN	GODS	21	AN*	MER	S	P	S	BU	OS	TMS	1	
ESSEX	GMML	3,6	MER	MER	S	P	S	BU	OS	TMS	1	18.0
ESSO CALEDONIA	GOWR	13	AN*	MER	S	P	S	BU	OS	TMS	1	18.0
ESSO HAMPSHIRE	GHZS	21	MER	MER	S	P	S	BU	OS	TMS	1	17.0
ESSO PEMBROKESHIRE	GHQM	13	MER	MER	S	P	S	BU	OS	TMS	1	19.0
ESSO ULIOIA	GNIM		AN*	MER	S	P	S	BU	OS	TMS	1	
ESSO WARWICKSHIRE	GJVE	13	MER	MER	S	P	S	BU	OS	TMS	1	19.0

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EUCADIA	GHQE		MER	MER	S	P	S	BU	OS	TMS	1	14.0
EUROFREIGHTER	GOUS	12	AN*	MER	S	P	S	C	OS	TMS	1	30.0
EUROLINER	GOUR	12	AN*	MER	S	P	S	C	OS	TMS	1	32.0
EXPLORER	GHHW	21	MER	MER	S	P	S	BU	OS	TMS	1	17.0
EXPLORER	MLBG	9	AN*	MER	S	P	S	BU	OS	TMS	1	10.0
FARISTAN	GCTX	13	AN*	MER	S	P	S	BU	OS	TMS	2	17.0
FERNMOUR	LATG		AN*	MER	S	P	S	BU	OS	TMS	1	15.0
FINNAMORE MEADOW	GHVF	12	AN*	MER	S	P	S	BU	OS	MS	1	17.0
FIRBANK	GVLS	21	MER	MER	S	P	S	BU	OS	MS	1	17.0
FLINDERS BAY	GYSA	2	AN*	MER	S	P	S	BU	OS	TMS	1	27.0
FLINTSHIRE	GJJU	4	MER	MER	S	P	S	BU	OS	TMS	2	19.0
FLORISTAN	GNFH	13	MER	MER	S	P	S	BU	OS	TMS	1	18.0
FORELAND	GWQE	12	AN*	MER	S	P	S	BU	OS	TMS	1	17.0
FORTHFIELD	GTBJ	21	MER	MER	S	P	S	BU	OS	TMS	1	16.0
FOURAH BAY	GHVU	18	MER	MER	S	P	S	BU	OS	MS	1	17.0
FREEMANTLE STAR	GXSK	18	AN*	MER	S	P	S	BU	OS	TMS	1	18.0
FURNESS BRIDGE	GOSZ	21	AN*	MER	S	P	S	BU	OS	TMS	1	29.0
GALWAY	MXZJ	2	MER	MER	S	P	S	BU	OS	TMS	1	13.0
GEEST TIDE	GOVK	19	AN*	MER	S	P	S	BU	OS	TMS	1	17.0
GEESTBAY	GMOJ	19	AN*	MER	S	P	S	BU	OS	TMS	1	18.0
GEESTCAPE	GSCH	19	AN*	MER	S	P	S	BU	OS	TMS	1	17.0
GEESTHAVEN	GTNE	19	AN*	MER	S	P	S	BU	OS	TMS	1	18.0
GEESTPORT	GMOK	19	AN*	MER	S	P	S	BU	OS	TMS	1	17.0
GEORGINA V EVERARD	GSTZ	8	AN*	MER	S	P	S	BU	OS	TMS	1	10.0
GLADYS BOWATER	GBBE	12	AN*	MER	S	P	S	BU	OS	TMS	1	13.0
GLENALMOND	GRWE	4	MER	MER	S	P	S	C	OS	TMS	1	23.0
GLENBERG	GVBC	4	MER	MER	S	P	S	BU	OS	TMS	1	15.0
GLENFALLOCH	GJKA	4	MER	MER	S	P	S	BU	OS	TMS	2	18.0
GLENFINLAS	GRWH	4	AN*	MER	S	P	S	BU	OS	TMS	1	21.0
GLENFRUIN	GVBB	4	MER	MER	S	P	S	BU	OS	TMS	1	17.0
GLENLYON	GJKE	4	MER	MER	S	P	S	BU	OS	TMS	2	20.0

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GLENMOOR	GQDG	21	MER	MER	S	P	S	BU	OS	TMS	1	15.0
GLENOGLE	GJKH	4	MER	MER	S	P	S	BU	OS	TMS	2	17.0
GLENPARK	GOUN	21	AN*	MER	S	P	S	BU	OS	TMS	1	
GLENROY	GJCW	4	MER	MER	S	P	S	BU	OS	MS	1	17.0
GLOXINIA	GXMP	21	MER	MER	S	P	S	BU	OS	TMS	1	15.0
GOOD HOPE CASTLE	GNQH	14	AN*	MER	S	P	S	BU	OS	TMS	1	17.0
GORJISTAN	GHQC	13	MER	MER	S	P	S	BU	OS	TMS	1	17.0
GOTHLAND	GHQQ	20	MER	MER	S	P	S	BU	OS	TMS	1	17.0
GOVERNOR	GPSX	14, 19	MER	MER	S	P	S	BU	OS	TMS	1	17.0
HADRA	GRLB	21	MER	MER	S	P	S	BU	OS	TMS	1	15.0
HALIFAX CITY	GNCA	12	AN*	MER	S	P	S	BU	OS	TMS	1	17.0
HAMINEA	GTRX	21	MER	MER	S	P	S	BU	OS	TMS	1	
HANETIA	MXKJ	21	AN*	MER	S	P	S	BU	OS	TS	1	16.0
HAPARANGI	GJYX	2	MER	MER	S	P	S	BU	OS	TMS	1	17.0
HAURAKI	GJLV	2	MER	MER	S	P	S	BU	OS	TMS	1	17.0
HAZELMOOR	GRDF	12	MER	MER	S	P	S	BU	OS	TMS	1	15.0
HECTOR	GBNK	2	MER	MER	S	P	S	BU	OS	TMS	1	20.0
HECTOR HERON	GBZH	13	MER	MER	S	P	S	BU	OS	TMS	1	13.0
HELENUS	GBTM	2	MER	MER	S	P	S	BU	OS	MS	1	17.0
HELISOMA	GVST	21	MER	MER	S	P	S	BU	OS	MS	1	15.0
HEMIFUSUS	MSDF	21	MER	MER	S	P	S	BU	OS	MS	1	14.0
HEMIMACTRA	MWNG	21	MER	MER	S	P	S	BU	OS	TMS	2	17.0
HERTFORD	GKNW	2, 6	MER	MER	S	P	S	BU	OS	TMS	1	18.0
HIMALAYA	GBDK	4, 2	MER	MER	S	P	S	C	OS	TMS	4	29.0
HINAKURA	GDVS		MER	MER	S	P	S	BU	OS	TMS	1	17.0
HINEA	GTXL	21	MER	MER	S	P	S	BU	OS	MS	1	14.0
HISTORIAN	GYRD	14	MER	MER	S	P	S	BU	OS	TMS	1	17.0
HOROMOYA	GVLL	21	MER	MER	S	P	S	BU	OS	TMS	1	17.0
HOWRA	GNLF	4	AN*	MER	S	P	S	BU	OS	TMS	1	17.0
HUDSON TRADER	GNOG	21	MER	MER	S	P	S	BU	OS	TMS	1	17.0
HUMILARIA	GXCZ	21	MER	MER	S	P	S	BU	OS	TMS	1	12.0

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HUNTINGDON	GFCT	2	MER	MER	S	P	S	BU	OS	TMS	2	17.0
HURUNUI	GJZF	2	MER	MER	S	P	S	BU	OS	MS	2	17.0
HYALA	GTCF	19	MER	MER	S	P	S	BU	OS	MS	1	18.0
IBERIC	GHLB	2	MER	MER	S	P	S	BU	OS	TMS	1	17.0
ICENIC	GHHH	2	MER	MER	S	P	S	BU	OS	TMS	1	17.0
ILLYRIC	GFHG	2	MER	MER	S	P	S	BU	OS	MS	1	15.0
INISHOWEN HEAD	GPFE	12	AN*	MER	S	P	S	BU	OS	MS	1	15.0
INVERBANK	GHRJ	19	MER	MER	S	P	S	BU	OS	TMS	1	17.0
IONIC	GXSB	2	MER	MER	S	P	S	BU	OS	TMS	1	17.0
IXION	MLLB	2	MER	MER	S	P	S	BU	OS	TMS	2	18.0
JAMAICA PLANTER	6YSP	19	AN*	MER	S	P	S	BU	OS	TMS	1	15.0
JAMAICA PRODUCER	6YSS	19	AN*	MER	S	P	S	BU	OS	TMS	1	15.0
JASON	GBMW	2	MER	MER	S	P	S	BU	OS	TMS	2	14.0
JELUNGA	MPBK	2	MER	MER	S	P	S	BU	OS	TMS	1	16.0
JERVIS BAY	GYSH	2	AN*	ELE	S	P	S	HC	OS	TMS	1	25.0
JOHN BISCOE	ZDLB	5	AN*	MER	S	P	S	HC	OS	MS	1	13.0
JOHN MURRAY	GMNH	9	AN*	MER	S	P	S	BU	OS	T		8.0
JUMNA	GJXE	4	MER	MER	S	P	S	BU	OS	MS	1	17.0
JUWARA	MMSQ	2	MER	MER	S	P	S	BU	OS	TMS	1	17.0
KARAGHISTAN	GXBV	13	MER	MER	S	P	S	BU	OS	MS	1	16.0
KING ALEXANDER	GNWV	14	AN*	MER	S	P	S	BU	OS	TMS	1	17.0
KING ARTHUR	GQKX	21	MER	MER	S	P	S	BU	OS	TMS	1	14.0
KING CHARLES	GWKL	21	AN*	MER	S	P	S	BU	OS	TMS	1	
KING GEORGE	GWTW	13	MER	MER	S	P	S	BU	OS	TMS	1	17.0
KING HENRY	GXJM	14	AN*	MER	S	P	S	BU	OS	TMS	1	
KING MALCOLM	GNWT	21	MER	MER	S	P	S	BU	OS	TMS	1	13.0
KINNAIRD CASTLE	GJPU	14	MER	MER	S	P	S	BU	OS	MS	1	15.0
KOHINUR	GLPU	21	AN*	MER	S	P	S	BU	OS	TMS	1	17.0
KOHISTAN	GHGV	13, 4	MER	MER	S	P	S	BU	OS	TMS	2	16.0
LAGANBANK	GTNN	21	MER	MER	S	P	S	BU	OS	MS	1	15.0
LANDWADE	GHNK	13	MER	MER	S	P	S	BU	OS	TMS	1	15.0

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LAOMEDON	GFVP	4	MER	MER	S	P	S	BU	OS	MS	1
LAURENTIC	GPTE	2	AN*	MER	S	P	S	BU	OS	TMS	1 17.0
LINDISFARNE	GHCA	8,15	MER	MER	S	P	S	BU	OS	TMS	1 17.0
LONDON PIONEER	GBLA	21	AN*	MER	S	P	S	BU	OS	TMS	1 15.0
LONGSTONE	GHHU	12,15,18	MER	MER	S	P	S	BU	OS	TMS	1 15.0
LORD STRATHCONA	ZCVW	21	AN*	MER	S	P	S	BU	OS	TMS	1 25.0
LOSSIEBANK	GKKE	21	AN*	MER	S	P	S	BU	OS	TMS	1
MABEL WARWICK	GGZE	12,15	AN*	MER	S	P	S	BU	OS	TMS	1 17.0
MAHOUT	GHZU	4	AN*	MER	S	P	S	BU	OS	TMS	1 17.0
MAHRONDA	GMHR	12	AN*	MER	S	P	S	BU	OS	TMS	1 18.0
MAHSEER	GZSV	4,12	MER	MER	S	P	S	BU	OS	TMS	1 17.0
MANAPOURI	GWLU	2	MER	MER	S	P	S	BU	OS	TMS	2 19.0
MANCHESTER CHALLENGE	GVUT	12	AN*	MER	S	P	S	BU	OS	TMS	1 20.0
MANCHESTER CONCORDE	GYUX	12	AN*	MER	S	P	S	BU	OS	TMS	1 20.0
MANCHESTER COURAGE	GYUY	12	AN*	MER	S	P	S	BU	OS	TMS	1 20.0
MANCHESTER CRUSADE	GQRQ	12	AN*	MER	S	P	S	BU	OS	TMS	1
MANCHESTER MERIT	GOOJ	12	AN*	MER	S	P	S	BU	OS	TMS	1 17.0
MANCHESTER PROGRESS	GTTH	12	AN*	MER	S	P	S	BU	OS	TMS	1 20.0
MANCHESTER QUEST	MAMW	12	AN*	MER	S	P	S	BU	OS	TMS	1 15.0
MANIPUR	GMHN	21	AN*	MER	S	P	S	BU	OS	TMS	1 17.0
MARABANK	GHRK	21	MER	MER	S	P	S	BU	OS	TMS	1 16.0
MARON	GXGS	4	MER	MER	S	P	S	BU	OS	TMS	2 17.0
MATAURA	GWLH	2	MER	MER	S	P	S	BU	OS	TMS	1 20.0
MEDIC	GLNA	2	AN*	MER	S	P	S	BU	OS	TMS	1 17.0
MEGANTIC	GKGY	2	MER	MER	S	P	S	BU	OS	TMS	1 18.0
MELBOURNE STAR	GDFZ	2	MER	MER	S	P	S	BU	OS	TMS	1 18.0
MELITA	GPHN	12	AN*	MER	S	P	S	BU	OS	TMS	1 15.0
MENESTHEUS	GVYL	4	MER	MER	S	P	S	BU	OS	TMS	1 17.0
MERCURY	GKXH	3	AN*	MER	S	P	S	BU	OS	TMS	3 17.0
MIRANDA	GULL	9	AN*	ELE	S	P	S	BU	OS	XBT	TMS 3
MITRA	GYYW	13	MER	MER	S	P	S	BU	OS	TMS	2 33.0

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MONKSGARTH	GGPA	12	AN*	MER	S	P	S	BU	OS	TMS	1	17.0	
MONTREAL CITY	GKGU	12	AN*	MER	S	P	S	BU	OS	TMS	1	17.0	
MONTREAL STAR	GKVE	4	AN*	MER	S	P	S	BU	OS	TMS	1	16.0	
MORETON BAY	GYSJ	2	AN*	MER	S	P	S	BU	OS	TMS	1	25.0	
MYSTIC	GBTH	2	MER	MER	S	P	S	BU	OS	TMS	1	18.0	
NARDANA	MNDW	12	MER	MER	S	P	S	BU	OS	TMS	1		
NEVASA	GPQV	8,10	MER	MER	S	P	S	BU	OS	MS	3	22.0	
NEW ZEALAND STAR	GXRU	2	AN*	MER	S	P	S	BU	OS	TMS	1	17.0	
NEWCASTLE STAR	GVR5	2	MER	MER	S	P	S	BU	OS	TMS	1	17.0	
NEWFOUNDLAND	GPPG	12	AN*	MER	S	P	S	BU	OS	XBT	TMS	1	18.0
NICOLAS BOWATER	GXDG	12	AN*	MER	S	P	S	BU	OS	TMS	1	15.0	
NIGARISTAN	GOQL	13	AN*	MER	S	P	S	BU	OS	TMS	1		
NINA BOWATER	GHKJ	12	AN*	MER	S	P	S	BU	OS	TMS	1	12.0	
NORSE MARSHALL	GUZQ		AN*	MER	S	P	S	BU	OS	TMS	1	7.0	
NORSE VIKING	GNUE	12	AN*	MER	S	P	S	BU	OS	TS	1	17.0	
NORTHERN STAR	GHZB	2	AN*	MER	S	P	S	BU	OS	TMS	5	28.0	
NORTHUMBERLAND	GQFX	2	MER	MER	S	P	S	BU	OS	TMS	2	17.0	
NOVA SCOTIA	GLCE	12	AN*	MER	S	P	S	BU	OS	XBT	TMS	1	16.0
NOVELIST	GRTA	19	AN*	MER	S	P	S	BU	OS	TMS	1	18.0	
NURMAHAL	GCYU	21	MER	MER	S	P	S	BU	OS	TMS	1	15.0	
OBUASI	GML0	12,19	MER	MER	S	P	S	BU	OS	TMS	1	17.0	
OCEAN MONARCH	GVSU	12	AN*	MER	S	P	S	BU	OS	TMS	1	25.0	
ORCADES	MABA	2	AN*	MER	S	P	S	C	OS	TMS	5	28.0	
ORCOMA	GRYX	15	MER	MER	S	P	S	BU	OS	TMS	1	17.0	
ORITA	GVVL		MER	MER	S	P	S	BU	OS	TMS	1	17.0	
ORONSAY	GCNB	2,6	AN*	MER	S	P	S	C	OS	TMS	5	28.0	
OROPESA	GVXW	20	MER	MER	S	P	S	BU	OS	TMS	1	15.0	
OROTAVA BRIDGE	GYCA	4	AN*	MER	S	P	S	BU	OS	TMS	1	18.0	
OROYA	GVPT	20	MER	MER	S	P	S	BU	OS	TMS	1	17.0	
ORSINO	GSJA	17	AN*	ELE	S	P	S	HC	OS	TMS	1	12.0	
ORSOVA	GNDL	2,6	AN*	MER	S	P	S	C	OS	TMS	5	28.0	

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OTAIO	GXGB	2	AN*	MER	S	P	S	BU	OS	TMS	2	17.0
OTAKI	GPBJ	2,6	MER	MER	S	P	S	BU	OS	TMS	2	20.0
PANDO CAPE	MSFN	4	MER	MER	S	P	S	BU	OS	TMS	1	18.0
PANDO COVE	MLQP	4	MER	MER	S	P	S	BU	OS	TMS	1	17.0
PANDO HEAD	MAYJ	4	AN*	MER	S	P	S	BU	OS	TMS	1	18.0
PANDO POINT	GTBX	4	AN*	MER	S	P	S	BU	OS	TMS	1	18.0
PANDO SOUND	MSGF	4	AN*	MER	S	P	S	BU	OS	TMS	1	17.0
PANDO STRAIT	GPGQ	4	AN*	MER	S	P	S	BU	OS	TMS	1	17.0
PARTULA	GBYH	13	MER	MER	S	P	S	BU	OS	TMS	1	
PATONGA	GOWV	2	MER	MER	S	P	S	BU	OS	TMS	1	17.0
PATROCLUS	GMSL	4	MER	MER	S	P	S	BU	OS	TMS	1	18.0
PEGU	GHBR	4	MER	MER	S	P	S	BU	OS	TMS	1	17.0
PEISANDER	GPFU	4	AN*	MER	S	P	S	BU	OS	MS	1	20.0
PELEUS	GMQP	4	MER	MER	S	P	S	BU	OS	MS	2	17.0
PEMBROKESHIRE	GRWU		MER	MER	S	P	S	BU	OS	TMS	1	21.0
PENDENNIS CASTLE	GTPX	14	AN*	MER	S	P	S	C	OS	TMS	4	25.0
PENNYWORTH	GXPQ	12,15	MER	MER	S	P	S	BU	OS	TMS	1	15.0
PERSEUS	GMSQ	4	AN*	MER	S	P	S	BU	OS	TMS	2	17.0
PHOTINA	GHLR	12	MER	MER	S	P	S	BU	OS	MS	1	18.0
PHYLLIS BOWATER	GFNE	12	AN*	MER	S	P	S	BU	OS	TMS		13.0
PIAKO	GHVJ	2,6	MER	MER	S	P	S	BU	OS	MS	2	17.0
PIZARRO	GQNY	20	MER	MER	S	P	S	BU	OS	TMS	1	18.0
PLAGIOLA	GTMC	14	MER	MER	S	P	S	BU	OS	TMS	1	17.0
PLATIDIA	GTKY	19	MER	MER	S	P	S	BU	OS	TMS	1	17.0
PORT ADELAIDE	MGCG	2,6	MER	MER	S	P	S	BU	OS	TMS	1	17.0
PORT AUCKLAND	GWRB	2,6	MER	MER	S	P	S	BU	OS	TMS	1	16.0
PORT BRISBANE	GWRC	2,6	MER	MER	S	P	S	BU	OS	TMS	1	17.0
PORT BURNIE	GRDA	2	MER	MER	S	P	S	BU	OS	TMS	1	17.0
PORT CAROLINE	GYJV	2	AN*	MER	S	P	S	BU	OS	TMS	2	18.0
PORT CHALMERS	GWZU	2	AN*	MER	S	P	S	BU	OS	TMS	1	22.0
PORT LAUNCESTON	GVLB	2,6	MER	MER	S	P	S	BU	OS	TMS	1	17.0

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PORT LYTTTELTON	GLPJ	2	MER	MER	S	P	S	BU	OS	TMS	1	15.0
PORT NELSON	MGXD	2	MER	MER	S	P	S	BU	OS	TMS	1	15.0
PORT NICHOLSON	GHZX	2,6	AN*	MER	S	P	S	BU	OS	TMS	1	15.0
PORT PIRIE	GLVQ	2,6	MER	MER	S	P	S	BU	OS	TMS	1	16.0
PORT SYDNEY	GSXQ	2,6	AN*	MER	S	P	S	BU	OS	MS	1	17.0
PORT TOWNSVILLE	MGCV	2,6	MER	MER	S	P	S	BU	OS	TMS	1	15.0
POTOSI	GQPL	20	MER	MER	S	P	S	BU	OS	TMS	1	15.0
PRIAM	GPGE	4	MER	MER	S	P	S	BU	OS	TMS	1	17.0
PROMETHEUS	GPGH	4	AN*	MER	S	P	S	BU	OS	TMS	1	18.0
PROTESILAUS	GPGA	4	AN*	MER	S	P	S	BU	OS	MS	1	21.0
PYRRUS	GMSP	4	MER	MER	S	P	S	BU	OS	TMS	1	17.0
QUEEN ELIZABETH II	GBTT	12	AN*	MER	S	P	S	C	OS	TMS	6	32.0
QUEENSGARTH	GDSE	12	AN*	MER	S	P	S	BU	OS	TMS	1	14.0
QUEENSLAND STAR	GWFW	2	MER	MER	S	P	S	BU	OS	MS	1	14.0
RAEBURN	GVYG	17	MER	MER	S	P	S	BU	OS	TMS	1	17.0
RAPALLO	GFTA		AN*	MER	S	P	S	BU	OS	TMS	1	13.0
RAPHAEL	GQKF	15	MER	MER	S	P	S	BU	OS	MS	1	18.0
REGENT FALCON	GDRU	21	MER	MER	S	P	S	BU	OS	TMS	1	17.0
REGISTAN	GRYK	13	MER	MER	S	P	S	BU	OS	MS	1	16.0
RIBBLEHEAD	MXFQ	12	AN*	MER	S	P	S	BU	OS	TMS	1	17.0
RIEVAULX	GWLK	12	AN*	MER	S	P	S	BU	OS	TMS	1	17.0
ROLAND	GKKT		MER	MER	S	P	S	BU	OS	MS	1	17.0
ROMNEY	GNLR	15	AN*	MER	S	P	S	BU	OS	TMS	1	16.0
RONSARD	GHSY	15	AN*	MER	S	P	S	BU	OS	TMS	1	17.0
ROSEMARY EVERARD	GMXA	8	AN*	MER	S	P	S	BU	OS	T		10.0
ROSS ORION	GHZH	16	AN*	MER	S	P	S	BU	OS	TMS		8.0
ROTHESAY CASTLE	GBQA	14	AN*	MER	S	P	S	BU	OS	TMS	2	17.0
ROWANMORE	GVKN	12	AN*	MER	S	P	S	BU	OS	MS	1	15.0
RUNSWICK	GVFN	21	MER	MER	S	P	S	BU	OS	TMS	1	15.0
SAGAMORE	GWFR	8	AN*	MER	S	P	S	BU	OS	TMS	1	17.0
SALMELA	GHPN	4	MER	MER	S	P	S	BU	OS	TMS	1	15.0

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SANTONA	GCDU	12	AN*	MER	S	P	S	BU	OS	TMS	1	12.0	
SCOTIA	GOWS		AN*	MER	S	P	S	HC	OS	TMS	1	13.0	
SERBISTAN	GRLA	13	MER	MER	S	P	S	BU	OS	TMS	2	18.0	
SERENIA	GHLE	13, 4	MER	MER	S	P	S	BU	OS	TMS	1	10.0	
SHACKLETON	GPEQ	5	AN*	MER	S	P	S	HC	OS	TMS	1	11.0	
SHAHRISTAN	GNGA	13	AN*	MER	S	P	S	BU	OS	MS	1	17.0	
SHEAF CREST	GYKH	4	MER	MER	S	P	S	BU	OS	MS	1	18.0	
SHEAF TYNE	GWLA	4	MER	MER	S	P	S	BU	OS	TMS	1	20.0	
SHROPSHIRE	GCVH	4	MER	MER	S	P	S	BU	OS	MS	1	18.0	
SIG RAGNE	GOUM	12	AN*	MER	S	P	S	BU	OS	TMS	1		
SILKSWORTH	GMZE	12	MER	MER	S	P	S	BU	OS	TMS	1	17.0	
SILVERBEACH	GOFU	12	MER	MER	S	P	S	BU	OS	MS	1	20.0	
SILVERMAN	GNEK	12	AN*	MER	S	P	S		OS	TMS	1		
SILVERSAND	GXML	18	MER	MER	S	P	S	BU	OS	TMS	1	17.0	
SILVERSEA	GQDE	17	MER	MER	S	P	S	BU	OS	TMS	1	17.0	
SILVERSHORE	GGYU	12	AN*	MER	S	P	S	BU	OS	MS	1	15.0	
SINCERITY	GPEM	8	AN*	MER	S	P	S	BU	OS	T			
SIR WILLIAM HARDY	GSZY	9	AN*	MER	S	P	S	BU	OS	TMS	1	7.0	
SOMERSET	GJVL	2	MER	MER	S	P	S	BU	OS	TMS	2	17.0	
SOUTHERN CROSS	GSSW	2	AN*	MER	S	P	S	BU	OS	TMS	4	27.0	
ST. MARGARET	GHJM	12, 18	AN*	MER	S	P	S	BU	OS	MS	1	17.0	
STAR ACADIA	GNUM	12, 21	MER	MER	S	P	S	BU	OS	TMS	1	24.0	
STAR PINEWOOD	GZBY	17	AN*	MER	S	P	S	BU	OS	TMS	1	18.0	
STARWORTH	GNUM	21	AN*	MER	S	P	S	BU	OS	TMS	1	22.0	
STEPHANO	GONH	12	MER	MER	S	P	S	BU	OS	TMS	1	21.0	
STRATHARDLE	GTFU	4	AN*	MER	S	P	S	BU	OS	TMS	2	22.0	
STRATHBRORA	GTGA	4	MER	MER	S	P	S	BU	OS	TMS	1	21.0	
STRATHCONON	GTGE	4	AN*	MER	S	P	S	BU	OS	TMS	1	20.0	
SUEVIC	GKJV		MER	MER	S	P	S	BU	OS	TMS	2	17.0	
SUGAR CRYSTAL	GYBN	2	AN*	MER	S	P	S	BU	OS	TMS	1	17.0	
SUGAR EXPORTER	GGBU	2	AN*	MER	S	P	S	BU	OS	R	TMS	1	15.0

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SUGAR IMPORTER	GDMA	21	MER	MER	S	P	S	BU	OS		TMS	1	13.0
SUGAR PRODUCER	GYNL	19	AN*	ELE	S	P	S	HC	OS	R	TMS	1	21.0
SUGAR REFINER	GOYK	21	AN*	MER	S	P	S	HC	OS		TMS	1	18.0
SUGAR TRANSPORTER	GOMQ	21	AN*	ELE	S	P	S	HC	OS		TMS	1	19.0
SUNEK	GBPA	12	MER	MER	S	P	S	BU	OS		TMS	1	
SUSSEX	MAEF	2,6	MER	MER	S	P	S	BU	OS		TMS	1	17.0
TACTICIAN	GHNL	19	MER	MER	S	P	S	BU	OS		TMS	2	18.0
TAIREA	GVFL	14	AN*	MER	S	P	S	BU	OS		TMS	1	17.0
TAMWORTH	GYPH	21	MER	MER	S	P	S	BU	OS		TMS	1	
TASMANIA STAR	GKPC	2	MER	MER	S	P	S	BU	OS		TMS	1	18.0
TAUPO	GRNH	2	MER	MER	S	P	S	BU	OS		TMS	1	16.0
TEKOA	GRNU	2	AN*	MER	S	P	S	BU	OS		TMS	1	20.0
TEMPLE ARCH	GZZH	12,4	AN*	MER	S	P	S	BU	OS		TMS	1	
TEMPLE BAR	GORV	12	AN*	MER	S	P	S	BU	OS		TMS	1	
TEVIOTBANK	GRFH	21	MER	MER	S	P	S	BU	OS		TMS	1	
TEXACO BRUSSELS	GVLN	12	MER	MER	S	P	S	BU	OS		TMS	1	
TEXACO GLOUCESTER	GCNA	21	MER	MER	S	P	S	BU	OS		TMS	1	17.0
TEXACO PEMBROKE	GNJH	21	MER	MER	S	P	S	BU	OS		TMS	1	15.0
TEXACO SAIGON	GCWE	21	MER	MER	S	P	S	BU	OS		MS	1	17.0
TIMARU STAR	GVXH	17	AN*	MER	S	P	S	BU	OS		TMS	1	
TITAN	GOTG	13	AN*	MER	S	P	S	BU	OS		TMS	1	
TONGARIRO	GRPA	2	MER	MER	S	P	S	BU	OS		TMS	1	17.0
TORONTO CITY	QRU	12	MER	MER	S	P	S	BU	OS		TMS	1	18.0
TORR HEAD	GHTB	12	AN*	MER	S	P	S	BU	OS		TMS	1	17.0
TREBARTHA	GHMS	21	AN*	MER	S	P	S	BU	OS		MS	1	14.0
TRECARNE	GVPK	21	MER	MER	S	P	S	BU	OS		TMS	1	17.0
TREFUSIS	GWWP	21	MER	MER	S	P	S	BU	OS		TMS	1	18.0
TREMEADOW	MQPV	21	MER	MER	S	P	S	BU	OS		TMS	1	12.0
TRENGLOS	GHWG	21	AN*	MER	S	P	S	BU	OS		TMS	1	17.0
TREVALGAN	GVPL	2	MER	MER	S	P	S	BU	OS		TMS	1	15.0
TREVAYLOR	GVPM	21	MER	MER	S	P	S	BU	OS		TMS	1	13.0

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TREWIDDEN	GFMA	21	AN*	MER	S	P	S	BU	OS	MS	1	17.0
TRINCULO	GWCZ	12	MER	MER	S	P	S	BU	OS	MS	1	17.0
TURAKINA	GFPE	2	MER	MER	S	P	S	BU	OS	TMS	2	17.0
TURKISTAN	GJYU	13	MER	MER	S	P	S	BU	OS	TMS	3	23.0
UGANDA	GFRQ	8	AN*	MER	S	P	S	BU	OS	TMS	3	22.0
VANCOUVER FOREST	GZJT	17	AN*	MER	S	P	S	BU	OS	TS	1	
VENASSA	GDZH	21	MER	MER	S	P	S	BU	OS	TMS	2	17.0
VICTORE	GMIE	8, 12	AN*	MER	S	P	S	BU	OS	TMS	1	18.0
VICTORIA CITY	GNEN	21	AN*	MER	S	P	S	BU	OS	TMS	1	
VOLCAIN	GOPM	21	AN*	MER	S	P	S	BU	OS	TMS	1	18.0
VOLVATELLA	GVCT	21	AN*	MER	S	P	S	BU	OS	TMS	2	13.0
WANLIU	GFLS	4	MER	MER	S	P	S	BU	OS	MS	1	
WARWICKSHIRE	GWDE	12	MER	MER	S	P	S	BU	OS	TMS	1	
WELSH CITY	GZLF	21	MER	MER	S	P	S	BU	OS	TMS	1	18.0
WELSH HERALD	GLMA	12, 15, 20	AN*	MER	S	P	S	BU	OS	TMS	1	17.0
WESTMINSTER BRIDGE	GYBR	21	MER	MER	S	P	S	BU	OS	TMS	1	
WESTMORLAND	GRPE	2	MER	MER	S	P	S	BU	OS	TMS	1	18.0
WHITETHORN	GMHC	9	AN*	MER	S	P	S	BU	OS	T	1	10.0
WILLOWBANK	GFSH	21	AN*	MER	S	P	S	BU	OS	TMS	1	15.0
WINDSOR CASTLE	GTVG	14	MER	MER	S	P	S	C	OS	TMS	4	32.0
WOOSUNG	GFMM	4	MER	MER	S	P	S	BU	OS	TMS	1	17.0
YEWBANK	GBMH	21	MER	MER	S	P	S	BU	OS	TMS	1	
ZAPHON	GWCY	13	MER	MER	S	P	S	BU	OS	TMS	1	29.0
ZEALANDIC	GPNU	2	AN*	MER	S	P	S	BU	OS	TMS	1	18.0

## Supplementary Ships

APOLLO	MSFM	8	AN*	MER	S			BU		T		
ARCADIAN	GFKU	10	AN*	MER	S			BU		TMS	1	
BALTIC VANGUARD	GRWA	8	AN*	MER	S	P	S	BU		TMS	1	12.0
BALTIC VENTURE	GNHW		AN*	MER	S			BU		TMS	1	

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BENDORAN	GVJC	4	MER	MER	S		MS	1	22.0
BENMACDHUI	MADX	4	AN*	MER	S		TMS	1	
BOSTON YORK	GYBH	16	AN*	MER	S		T		
BRITISH DESTINY	GCHC	21	MER	MER	S		MS	1	16.0
BRITISH ENERGY	GXFK	13,21	MER	MER	S		TMS	1	21.0
BRITISH MALLARD	GFHZ	8	AN*	MER	S		TMS	1	
BRITISH PATROL	MPKW	8	MER	MER	S		TMS	1	13.0
BRITISH RELIANCE	GFCC	13	MER	MER	S		MS	1	13.0
BRITISH ROBIN	GFHY	21	MER	MER	S		TMS	1	17.0
CAMELLIA	GPYV	12	AN*	MER	S		TMS	1	13.0
EAGLE	GOXE	8	AN*	MER	S		TMS	1	
ECHO	GXDD	18	AN*	MER	S		T		10.0
ESSO LANCASHIRE	GHZM	13	MER	MER	S		TMS	2	20.0
ESSO WESTMINSTER	MCQX	21	MER	MER	S		TMS	1	16.0
ETHEL EVERARD	GSQH	8	AN*	MER	S		T		
INVINCIBLE	GDMV	16	AN*	MER	S		TMS	1	
LADY PARKS	GSKH	16	AN*	MER	S		MS	1	10.0
LORD NELSON	GHCH	16	AN*	MER	S		TMS	1	18.0
MARBELLA	GRZE	16	AN*	MER	S		TMS	1	12.0
MARETTA	GPSA	16	AN*	MER	S		TMS	1	8.0
METHANE PRINCESS	GMHL	10	AN*	MER	S		TMS	1	21.0
METHANE PROGRESS	GMYE	10	AN*	MER	S		TMS	1	20.0
MOBIL ACME	GGDH	21	MER	MER	S		MS		16.0
MOBIL ENDURANCE	GHXJ	21	MER	MER	S		MS	1	
MOBIL ENERGY	GJJA	21	MER	MER	S		TMS	1	
MOBIL PEGASUS	GZYH	21	AN*	MER	S		TMS	1	
NORTHELLA	GNCE	16	AN*	MER	S		TMS	1	10.0
NORTHERN REWARD	GIAJ	16	AN*	MER	S		TMS	1	7.0
PRIMELIA	GXQB	16	AN*	MER	S		TMS	1	
ROSS IMPLACABLE	GYUH	16	AN*	MER	S		TMS	1	12.0
SANGRO	GYNQ	10	AN*	MER	S		T		

\* NEW TYPE PRECISION ANEROID BAROMETER  
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SCOTTISH WASA	MXKF	12	AN*	MER	S	TMS	1
ST. GILES	GIAE	16	AN*	MER	S	TMS	1
ST. JASON	GYCB	16	AN*	MER	S	TMS	1 10.0
ST. JASPER	GYZW	16	AN*	MER	S	TMS	1 12.0
ST. LEGER	MMGT	16	AN*	MER	S	TMS	1
TABARISTAN	GZJP	14	AN*	MER	S	TMS	1
TUDOR PRINCE	GHBP	14,5	MER	MER	S	TMS	1 17.0

Trawlers

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ARCTIC BRIGAND	GTLC
ARCTIC GALLIARD	GNYY
BEN BHRACKIE	GTNU
BEN LUI	
BENVOLIO	MDPD
C.S. FORESTER	GZMA
JOSEPH CONRAD	GXFQ
KINGSTON AMBER	GHJR
KINGSTON JADE	MLGT
KINGSTON SAPHIRE	MWLB
LORD ALEXANDER	
LORD INVER	GJLS
LORD JELlicoe	
MACBETH	GHQP
NORTHERN JEWEL	
NORTHERN SUN	MWZC
ROSS JUNO	
ROSS KASHMIR	GXDB
ROSS KIPLING	MXKP
ROSS LEONIS	GHCQ
ROSS CTRANTO	GHTW

\* NEW TYPE PRECISION ANEROID BAROMETER  
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## UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND

ROSS RAMILLIES	
ROSS RENOWN	
ROSS VANGUARD	GSLE
SPURS	GJZU
ST. BRITWIN	MPXJ
ST. LOMAN	GXDC

## Auxiliary Ships

-----		
AENEAS	GMRT	4
ATHERSTONE	GPSU	12
ATREUS	GMPL	4
AUTOLYCUS	GNRV	4
AUTOMEDON	GWSM	4
AXINA	MYGC	4
BENVENUE	GFNL	4
BENVRACKIE	MTZX	4
BLACK WATCH (NORWEGIAN)	MWTR	12
BLENHEIM	GNVA	12
BRITISH GULL	GFHX	21
BRITISH SERGENT	MPLL	21
DAPHNELLA	GRVE	21
DONACILLA	GRYE	21
DORCASIA	GSZE	13, 4
DORTHEA BOLTON (W. GERMAN)		12
EEMSTROOM (NETHERLANDS)	PDVY	
ELB ORE	GWME	12
ELPENOR	GRLC	4
EUMAEDS	POZU	19
HAUSTRUM	GRFT	4
HEMICARDIUM	GPZR	19
HEMITROCHUS	GCDH	
KING CHARLES	GWKI	12
ORIENT CITY	GFNH	

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PORT CARTIER		
RADNORSHIRE	GRXA	14,4
REDGATE	GYVL	10
SIR ANDREW DUNCAN	MYBN	12
SOMERSBYDYKE	GWRH	12
TALTHYBIUS	GHGZ	4
TANGISTAN	GBBL	14
VERTAGUS	GCGE	21
VITRINA	GVWM	13

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- 6 HONG KONG AND/OR JAPAN - GULF OF THAILAND
- 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

ABSECON	NBNP	02	AN	MER	SL	P	SL	BU	OS4	A,R BT	TMS 5	6.0	24.0
ACHILLES	WJHT	18	AN	MER	SL	P	SL	C	OS4	R	TMS 1	17.0	
ACUSHNET	NNHA	02	AN	MER	A	P	A	C	OS4	A	TMS 3	3.0	
ADABELLE LYKES	WLCP	02	AN	MER	A	P	A	C	OS4	A	TMS 1	14.0	
ADM WM M CALLAGHAN	KGYE	07	AN	MER	SL	P	SL	C	OS4	XBT	TMS 1	29.0	
AFRICAN COMET	KCMV	08	AN	MER	SL	P	SL	C	OS4		TMS 1	18.0	
AFRICAN CRESCENT	KAAQ	08	AN	MER	SL	P	SL	C	OS4		TMS 1	18.0	
AFRICAN DAWN	WLDP	08	AN	MER	SL	P	SL	C	OS4	A	TMS 1	20.0	24.0
AFRICAN LIGHTNING	KAEE	08,09	AN	MER	SL	P	SL	C	OS4	XBT	TMS 1	17.0	
AFRICAN MERCURY	KCOJ	08	AN	MER	SL	P	SL	C	OS4		TMS 1	20.0	
AFRICAN METEOR	KCNX	08	AN	MER	SL	P	SL	C	OS4	A	TMS 1	20.0	
AFRICAN MOON	KAIB	08	AN	MER	SL	P	SL	C	OS4	XBT	TMS 1	17.0	
AFRICAN NEPTUNE	KAFV	08	AN	MER	SL	P	SL	C	OS4	A	TMS 1	20.0	
AFRICAN PLANET	KAER	08	AN	MER	SL	P	SL	C	OS4	XBT	TMS 1	17.0	
AFRICAN STAR	KAIY	08	AN	MER	SL	P	SL	C	OS4		TMS 1	17.0	
AFRICAN SUN	KCOA	08	AN	MER	SL	P	SL	C	OS4	A	TMS 1	20.0	
AIMEE LYKES	WLBV	02	AN	MER	A	P	A	C	OS4	A	TMS 1	14.0	
ALAMINOS	KBNA	27	AN	MER	A	P	A	C	OS4	A	TMS 1	2.0	
ALASKA STANDARD	WHDN	18	AN	MER	SL	P	SL	C		A	TMS 1	16.0	19.0
ALASKAN MAIL	KAAY	20	AN	MER	SL	P	SL	C	OS4		TMS 1	19.0	
ALATNA T AOG 81	NUXK	20	AN	MER	A	P	A	C	OS4	A	TMS 1	8.0	
ALBERT J MEYER ARC 6	NZRM	02	AN	MER	S	P	S	C	OS4	A	TMS 1	10.0	18.0
ALEXANDER AGASSIZ	KEYI	20	AN	MER	A	P	A	HC	OS4	A	TS 1	7.0	18.0
ALLISON LYKES	KADK	02	AN	MER	A	P	A	C	OS4	A	TMS 1	17.0	
ALPHA HELIX	KLFK	02	AN	MER	A	P	A	C	OS4	A	TMS 1	6.0	15.0
AMBROSE LIGHT STATION	NNBA		AN	MER	SL	P	SL	C	OS4		TMS 1	31.0	
AMERICA BEAR	KERL	20	AN	MER	A	P	A	C	OS4		TMS 1	15.0	
AMERICAN ACCORD	KFEZ	02,01	AN	MER	SL	P	SL	C	OS4		TMS 1	24.0	
AMERICAN ACE	KFCV	06,07	AN	MER	SL	P	SL	C	OS4		TMS 1	26.0	
AMERICAN APOLLO	KEOD	12	AN	MER	SL	P	SL	C	OS4		TMS 1	30.0	

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AMERICAN AQUARIUS	WYBI	03,20	AN	MER	SL	P	SL	C	OS4		TMS	1	23.0
AMERICAN ARCHER	KFCS	02	AN	MER	SL	P	SL	C	OS4		TMS	1	22.0
AMERICAN ARGOSY	KFCX	06	AN	MER	SL	P	SL	C	OS4		TMS	1	24.0
AMERICAN ASTRONAUT	WZJG	04	AN	MER	SL	P	SL	C	OS4	XBT	TMS	1	23.0
AMERICAN CHALLENGER	WMEP	06	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0
AMERICAN CHAMPION	WMEY	06	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0
AMERICAN CHARGER	KGTR	04	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0
AMERICAN CHIEFTAIN	WJNA	04	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0
AMERICAN CORSAIR	WIGE	04	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0
AMERICAN COURIER	WAXH	06	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0
AMERICAN LANCER	WZJB	06	AN	MER	SL	P	SL	C	OS4	XBT	TMS	1	20.0
AMERICAN LARK	WZJF	06	AN	MER	SL	P	SL	C	OS4	XBT	TMS	1	20.0
AMERICAN LEADER	KFEJ	06,02	AN	MER	SL	P	SL	C	OS4		TMS	1	26.0
AMERICAN LEGACY	KFJC	01,02	AN	MER	SL	P	SL	C	OS4		TMS	1	25.0
AMERICAN LEGEND	KFEY	01,02	AN	MER	SL	P	SL	C	OS4		TMS	1	25.0
AMERICAN LEGION	WZJC	06	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0
AMERICAN LIBERTY	WCJD	06	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0
AMERICAN LYNX	WZJE	06	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0
AMERICAN MAIL	KGXA	20	AN	MER	SL	P	SL	C	OS4		TMS	1	18.0
AMERICAN RACER	KNDF	06	AN	MER	SL	P	SL	C	OS4	XBT	TMS	1	20.0
AMERICAN RANGER	KNKW	06	AN	MER	SL	P	SL	C	OS4	XBT	TMS	1	20.0
AMERICAN RELIANCE	KNKX	06	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0
ANCHORAGE	KLMJ	02	AN	MER	SL	P	SL	C	OS4		TMS	1	26.0
ANDREW JACKSON	KCQE	13	AN	MER	A	P	A	C	OS4		TMS	1	14.0
ANDROSCOGGIN	NRUR	02	AN	MER	SL	P	SL	BU	OS4	A,R BT	TMS	5	9.0
ARCO PRUDHOE BAY	KPFD	18	AN	MER	SL	P	SL	C	OS4		TMS	1	21.0
ARIZONA	KFEU	20	AN	MER	A	P	A	C	OS4		TMS	1	15.0
ARIZONA STANDARD	KIHY	18,19	AN	MER	SL	P	SL	C	OS4		TMS	1	11.0
ARIZPA	KCQN	02	AN	MER	SL	P	SL	C	OS4		TMS	1	22.0
ASHLEY LYKES	WBAE	02	AN	MER	A	P	A	C	OS4	A	TMS	1	14.0
ASTERION T AF 63	NRKO	20	AN	MER	SL	P	SL	C	OS4		TMS	1	7.0
ATLANTIC PRESTIGE	WLDU	04,03	AN	MER	SL	P	SL	C	OS4		TMS	1	12.0
AUSTRAL PATRIOT	KNKY	04	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0

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AUSTRAL PILOT	KNKZ	04	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0	
AZALEA CITY	KOOJ	03,20	AN	MER	A	P	A	C	OS4		TMS	1	14.0	
BALTIMORE	WSIS	10	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0	
BARRETT T AP 196	NPFG	20	AN	MER	A	P	A	C	OS4	A,R	TMS	3	11.0	27.0
BEAUREGARD	KCVU	12,20	AN	MER	SL	P	SL	C	OS4		TMS	1	15.0	
BIBB	NRDB	02	AN	MER	SL	P	SL	BU	OS4	A,R BT	TMS	5	6.0	21.0
BIENVILLE	KOOC	12,20	AN	MER	A	P	A	C	OS4		TMS	1	15.0	
BOSTON	WNDW	02	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0	
BOUTWELL	NYCQ	02	AN	MER	SL	P	SL	BU	OS4	A,R BT	TMS	5	9.0	24.0
BRAZOS	KQYK	04	AN	MER	SL	P	SL	C	OS4		MS	1	14.0	
BRINTON LYKES	WLAO	02	AN	MER	A	P	A	C	OS4	A	TMS	1	14.0	
BROOKLYN	KGCW	02	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0	
BUCKEYE STATE	KURW	02	AN	MER	A	P	A	C	OS4		TMS	1	15.0	
BUCKEYE VICTORY	KWLP	02	AN	MER	A	P	A	C	OS4		TMS	1	15.0	
C E DANT	KGTP	20	AN	MER	A	P	A	C	OS4		TMS	1	15.0	
CALIFORNIA	WJBA	20	AN	MER	A	P	A	C	OS4	A	TMS	1	15.0	26.0
CALIFORNIA BEAR	KFEI	20	AN	MER	A	P	A	C	OS4		TMS	1	15.0	
CALIFORNIAN	WHJI	03	AN	MER	A	P	A	C	OS4		TMS	1	13.0	
CALIFORNIAN	KPZK	19	AN	MER	A	P	A	C	OS4		TMS	1	14.0	
CALMAR	WLHP	03	AN	MER	A	P	A	C	OS4		TMS	1	19.0	
CAMPBELL	NRDC	02	AN	MER	SL	P	SL	BU	OS4	A,R BT	TMS	5	6.0	21.0
CANADA MAIL	WGNW	20	AN	MER	A	P	A	C	OS4		TMS	1	16.0	
CARBICE TEXAS CITY	KFGF	04	AN	MER	A	P	A	C	OS4		TMS	1	12.0	
CARRIER DOVE	KRPF	14	AN	MER	A	P	A	C	OS4		TMS	1	15.0	
CHARLES H GILBERT	WTDA	20,05,25	AN	MER	SL	P	SL	C	OS4	A	T	1	5.0	
CHARLESTON	KPHS	10	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0	
CHARLOTTE LYKES	WLCW	02	AN	MER	A	P	A	C	OS4	A	TMS	1	14.0	
CHASE	NLPM	02	AN	MER	SL	P	SL	BU	OS4	A,R BT	TMS	5	9.0	24.0
CHAUTAUQUA	NRUD	02	AN	MER	A	P	A	C	OS4	A	TMS	6	8.0	24.0
CHICAGO	WRGO	03,06	AN	MER	SL	P	SL	C	OS4	XBT	TMS	1	20.0	
CHINA BEAR	WEIN	20	AN	MER	A	P	A	C	OS4		TMS	1	18.0	
CHINOCOTEAGUE	NBOZ	02	AN	MER	SL	P	SL	BU	OS4	A,R BT	TMS	5	6.0	24.0

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CHRISTOPHER LYKES	KPLF	02	AN	MER	A	P	A	C	OS4	A	TMS	1	14.0	
CITRUS PACKER	KBVN	01	AN	MER	SL	P	SL	C	OS4		TMS	1	15.0	
CITY OF ALMA	KEDU	20	AN	MER	A	P	A	C	OS4		MS	1	15.0	
COLINA	KHZH	04	AN	MER	A	P	A	C	OS4		TMS	1	12.0	
COLORADO	KPHB	20	AN	MER	SL	P	SL	C	OS4		TMS	1	21.0	
COLORADO	KWFE	04	AN	MER	A	P	A	C	OS4		TMS	1	14.0	
COLUMBIA	KGYS	03	AN	MER	SL	P	SL	C	OS4		TMS	1	17.0	
COMANCHE WMEC 202	NILA	05	AN	MER	SL	P	SL	C	OS4	A	TMS	3	8.0	21.0
COPPER STATE	KYHX	02	AN	MER	A	P	A	C	OS4		TMS	1	15.0	
CRISTOBAL	WCOQ	10	AN	MER	A	P	A	C	OS4		TMS	3	14.0	
DA GAMA	KIWT	02	AN	MER	SL	P	SL	C	OS4		MS	1	17.0	
DALLAS	NPCR	02	AN	MER	SL	P	SL	BU	OS4	A,R BT	TMS	5	9.0	24.0
DAUNTLESS CG	NDTS	27	AN	MER	SL	P	SL	C			T	1	9.0	
DAVID STARR JORDAN	WTDK	02	AN	MER	A	P	A	C	OS4	A	TS	1	7.0	15.0
DAVIDSON	WTEK	18	AN	MER	SL	P	SL	C	OS4	A	TMS	1	8.0	14.0
DE SOTO	KWTR	14	AN	MER	A	P	A	C	OS4		TMS	1	15.0	
DEFIANCE	KRBS	06,07	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0	
DEL ORO	WLCJ	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	14.0	
DEL SOL	WLCI	15,16	AN	MER	A	P	A	C	OS4		TMS	1	14.0	
DELAWARE GETTY	KCBE	04	AN	MER	A	P	A	C	OS4		TMS	1	11.0	
DELTA ARGENTINA	WNVN	15,16	AN	MER	A	P	A	C	OS4		TMS	1	17.0	
DELTA BRASIL	WNVW	15,16	AN	MER	A	P	A	C	OS4		TMS	1	17.0	
DELTA MEXICO	WHIX	15,16	AN	MER	A	P	A	C	OS4		TMS	1	15.0	
DELTA PARAGUAY	WLGW	15,16	AN	MER	A	P	A	C	OS4		TMS	1	17.0	
DELTA URUGUAY	KPNA	15,16	AN	MER	A	P	A	C	OS4		TMS	1	17.0	
DETROIT	WFJH	10	AN	MER	SL	P	SL	C	OS4		TMS	1	17.0	
DILIGENCE CG	NMUD	27	AN	MER	A	P	A	C	OS4	A BT	TMS	3	9.0	
DISCOVERER OSS	WTEA	02	AN	MER	SL	P	SL	C	OS4	XBT	MS	3	17.0	
DOCTOR LYKES	KGDC	02	AN	MER	A	P	A	C	OS4		MS	1	14.0	
DOLLY TURMAN	WLDD	02	AN	MER	A	P	A	C	OS4	A	TMS	1	17.0	
DUANE	NRDD	02	AN	MER	SL	P	SL	BU	OS4	A,R BT	TMS	5	6.0	21.0

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DURABLE CG	NSCC	27	AN	MER	A	P	A	C	OS4	A BT	TMS	3	9.0	
ELIZABETH LYKES NEW	WHTP	02	AN	MER	A	P	A	C	OS4	A	TMS	1	17.0	
ELIZABETH LYKES OLD	KGPV	02	AN	MER	A	P	A	C	OS4		TMS	1	14.0	
ELIZABETHPORT	KFEN	20	AN	MER	A	P	A	C	OS4	R	TMS	1	17.0	
ELLEN B SCRIPPS	WEMN	05	AN	MER	A	P	A	BU	OS4	A	TS	1	6.0	10.0
EMPIRE STATE IV	WHMW	02, 04	AN	MER	SL	P	SL	C	OS		MS	1	17.0	
ERIC K HOLZER	WIAG	10	AN	MER	SL	P	SL	C	OS4		TMS	1	30.0	
ESCANABA	NLUR	02	AN	MER	SL	P	SL	BU	OS4	A,R BT	TMS	5	9.0	18.0
ESSO BALTIMORE	WHMK	04	AN	MER	A	P	A	C	OS4	A	TMS	1	12.0	
ESSO BATON ROUGE	WAFB	04	AN	MER	A	P	A	C	OS4	A	TMS	1	20.0	
ESSO BOSTON	WHML	04	AN	MER	A	P	A	C	OS4	A	TMS	1	12.0	
ESSO DALLAS	KABJ	04	AN	MER	A	P	A	C	OS4	A	TMS	1	12.0	
ESSO GETTYSBURG	KIVP	04	AN	MER	A	P	A	C	OS4	A	TMS	1	12.0	
ESSO HOUSTON	KHBA	04	AN	MER	SL	P	SL	C	OS4	A	TMS	1	12.0	
ESSO HUNTINGTON	KEAJ	04	AN	MER	A	P	A	C	OS4	A	TMS	1	12.0	
ESSO JAMESTOWN	KIYO	04	AN	MER	A	P	A	C	OS4	A	TMS	1	12.0	
ESSO LEXINGTON	KIYP	04	AN	MER	A	P	A	C	OS4	A	MS	1	12.0	
ESSO NEW ORLEANS	WNDM	04	AN	MER	A	P	A	C	OS4	A	TMS	1	17.0	
ESSO PHILADELPHIA	WNFT	04	AN	MER	SL	P	SL	C	OS4	A	TMS	1	24.0	30.0
ESSO SEATTLE	KNBL	02, 12	AN	MER	SL	P	SL	C	OS4		TMS	1	14.0	
ESSO WASHINGTON	KIYN	04	AN	MER	A	P	A	C	OS4	A	TMS	1	14.0	
EXBROOK	KHHP	07	AN	MER	SL	P	SL	C	OS4		TMS	1	17.0	
EXCHESTER	KHHS	07	AN	MER	SL	P	SL	C	OS4		TMS	1	16.0	
EXECUTOR	KHHW	07	AN	MER	SL	P	SL	C	OS4		TMS	1	17.0	
EXFORD	KHND	07	AN	MER	SL	P	SL	C	OS4		TMS	1	16.0	
EXPEDITOR	KQNG	07	AN	MER	SL	P	SL	C	OS4	XBT	TMS	1	16.0	
EXPORT ADVENTURER	KSGK	07	AN	MER	SL	P	SL	C	OS4	XBT	TMS	1	20.0	
EXPORT AGENT	KEHL	07	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0	
EXPORT AIDE	WGKB	07	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0	
EXPORT AMBASSADOR	WEXF	07	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0	
EXPORT BANNER	WFGT	07	AN	MER	SL	P	SL	C	OS4	XBT	TMS	1	20.0	
EXPORT BAY	WGKC	07	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0	
EXPORT BUILDER	KEXB	07	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0	

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EXPORT BUYER	KCAO	07	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0	
EXPORT CHALLENGER	WLSG	07	AN	MER	SL	P	SL	C	OS4	A XBT	TMS	1	20.0	
EXPORT CHAMPION	WLCG	07	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0	
EXPORT COMMERCE	WGKE	07	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0	
EXPORT COURIER	KAAG	07	AN	MER	SL	P	SL	C	OS4		TMS	1	18.0	
F S BRYANT	KIQT	18,20	AN	MER	A	P	A	C	OS4		TMS	1	16.0	
FAIRLAND	KGFP	12,20	AN	MER	SL	P	SL	C	OS4		TMS	1	15.0	
FENTRESS T AK 180	NETE	18	AN	MER	A	P	A	C	OS4		TMS	1	13.0	
FIVE FATHOM	NMNO		AN	MER	SL	P	SL	C	OS4	A	TMS	1	4.0	13.0
FLOWER HILL	KIEY	07	AN	MER	SL	P	SL	C	OS4		TMS	1	17.0	
FLYING CLOUD	KIAY	01	AN	MER	SL	P	SL	C	OS4	XBT	TMS	1	17.0	
FREDERICK LYKES	WHTW	02	AN	MER	A	P	A	C	OS4	A	TMS	1	17.0	
FURMAN T AK 280	NMQO	20	AN	MER	A	P	A	C	OS4		TMS	1	18.0	
GALLATIN	NJOR	02	AN	MER	SL	P	SL	BU	OS4	A,R BT	TMS	5	9.0	24.0
GALVESTON	KBJA	06,03	AN	MER	SL	P	SL	C	OS4		TMS	1	22.0	
GATEWAY CITY	KYTB	06	AN	MER	SL	P	SL	C	OS4		TMS	1	17.0	
GEN H H ARNOLD	NAPD	20	AN	MER	SL	P	SL	C	OS4	A	TMS	1	17.0	24.0
GENEVA	KVBP	03	AN	MER	SL	P	SL	C	OS4		TMS	1	17.0	
GENEVIVE LYKES	WZJA	02	AN	MER	A	P	A	C	OS4	A	TMS	1	17.0	
GLOMAR CHALLENGE	WNCU	02	AN	MER	SL	P	SL	C	OS4	A TSD XBT	TMS	1	15.0	23.0
GOLDEN BEAR	WEZD	20	AN	MER	SL	P	SL	C	OS4	A	TMS	1	20.0	32.0
GOLDEN BEAR	KIYG	02	AN	MER	A	P	A	C	OS4	A	TMS	1	13.0	20.0
GOPHER STATE	KVUX	02	AN	MER	A	P	A	C	OS4		TMS	1	15.0	
GREAT REPUBLIC	WMRM	06,07	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0	
GREEN BAY	KPGS	02	AN	MER	A	P	A	C	OS4		TMS	1	15.0	
GREEN ISLAND	KEDG	02	AN	MER	A	P	A	C	OS4		TMS	1	13.0	
GREEN LAKE	KGWZ	02	AN	MER	A	P	A	C	OS4		TMS	1	15.0	
GRESHAM	NODB	02	AN	MER	SL	P	SL	BU	OS4	A,R BT	TMS	5	6.0	24.0
GUADALUPE	KSHF	04	AN	MER	SL	P	SL	C	OS4		TMS	1	12.0	
GUAM BEAR	WGJO	20	AN	MER	SL	P	SL	C	OS4		TMS	1	15.0	
GULF BANKER	WLDH	11	AN	MER	A	P	A	C	OS4	A	TMS	1	14.0	

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GULF FARMER	WLDN	11	AN	MER	A	P	A	C	OS4	A	TMS	1	14.0		
GULF MERCHANT	KG MK	11	AN	MER	A	P	A	C	OS4	A	TMS	1	14.0		
GULF SHIPPER	KEMP	11	AN	MER	A	P	A	C	OS4	A	TMS	1	14.0		
GULF TRADER	KRHI	11	AN	MER	A	P	A	C	OS4	A	TMS	1	14.0		
H D COLLIER	KKQE	03,05,19	AN	MER	A	P	A	C	OS4		MS	1	16.0		
HAMILTON	NMAG	02	AN	MER	SL	P	SL	BU	OS4	A,R	BT	TMS	5	9.0	24.0
HASTINGS	KYRI	12,20	AN	MER	A	P	A	C	OS4		TMS	1	15.0		
HAWAII	WEBW	20	AN	MER	A	P	A	C	OS4	A	TMS	1	15.0	26.0	
HAWAII BEAR	WGJA	20	AN	MER	SL	P	SL	C	OS4		MS	1	15.0		
HAWAII STANDARD	KQUC	05,18,19	AN	MER	A	P	A	C	OS4		TMS	1	16.0		
HAWAIIAN	KPZP	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 ENTERPRISE	KNLO	19	AN	MER	SL	P	SL	C	OS4	A	TMS	1	21.0	30.0	
HAWAIIAN LEGISLATOR	KVQR	19	AN	MER	A	P	A	C	OS4		TMS	1	13.0		
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	20.0		
HAWAIIAN PROGRESS	KNIJ	19	AN	MER	SL	P	SL	C	OS4		TMS	1	21.0		
HAWAIIAN QUEEN	KSVE	19	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0		
HILLYER BROWN	KKLA	03,18,20	AN	MER	A	P	A	C	OS4		MS	1	16.0		
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		
HOUSTON	WFZV	04	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0		
HOWELL LYKES	WLBP	02	AN	MER	A	P	A	C	OS4	A	TMS	1	17.0		
HURRICANE	KXVG	02	AN	MER	SL	P	SL	C	OS4		TMS	1	17.0		
IDAHO	KNKF	20	AN	MER	SL	P	SL	C	OS4		TMS	1	21.0		
IDAHO STANDARD	KXAX	05,18,20	AN	MER	A	P	A	C	OS4		TMS	1	16.0		
ILLINOIS	KFCJ	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	18.0		
INGER	KCSA	19,26	AN	MER	A	P	A	C	OS4		TMS	1	15.0		
INGHAM	NRDL	02	AN	MER	SL	P	SL	BU	OS4	A,R	BT	TMS	5	6.0	21.0
J H MACGAREGILL	KKXX	05,18,19	AN	MER	A	P	A	C	OS4		TMS	1	16.0		
J H TUTTLE	KKOZ	05,18,19	AN	MER	A	P	A	C	OS4		TMS	1	14.0		
J L HANNA	KKYD	05,18,19	AN	MER	SL	P	SL	C	OS4		TMS	1	16.0		

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J M MARTINAC	WX8935	21	AN	MER	SL	P	SL	C	SS		TM	2	7.0	
JACKSONVILLE	KWAH	04	AN	MER	SL	P	SL	C	OS4	XBT	TMS	1	20.0	
JAMES LYKES	WHTS	02	AN	MER	A	P	A	C	OS4	A	TMS	1	14.0	
JAPAN MAIL	WLRL	20	AN	MER	A	P	A	C	OS4		TMS	1	16.0	
JEAN LYKES	WLAH	02	AN	MER	A	P	A	C	OS4	A	TMS	1	14.0	
JEFF DAVIS	KQKK	20	AN	MER	SL	P	SL	C	OS4		TMS	1	15.0	
JOHN LYKES	KIHD	02	AN	MER	A	P	A	C	OS4	A	TMS	1	14.0	
JOSEPH D POTTS	KACF	18	AN	MER	SL	P	SL	C	OS4		TMS	1	21.0	
JOSEPH LYKES	WHTR	02	AN	MER	A	P	A	C	OS4	A	TMS	1	14.0	
KANA KEOKI	WYZ300	25	AN	MER	SL	P	SL	BU	OS4	A BT TSD	T	1	7.0	20.0
KEYTANKER	KIBF	04	AN	MER	A	P	A	C	OS4		TMS	1	14.0	
KLAMATH WHEC 66	NRUO	02	AN	MER	A	P	A	C	OS4	A,R	TMS	6	8.0	24.0
KOPAA	KUTH	19	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0	
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		TMS	1	19.0	
LAFAYETTE	KROU	23	AN	MER	A	P	A	C	OS4		TMS	1	15.0	
LASH ESPANA	WEZA	06,07	AN	MER	SL	P	SL	C	OS4	A	TMS	1	20.0	24.0
LASH ITALIA	WJAJ	06,07	AN	MER	SL	P	SL	C	OS4	A	TMS	1	20.0	24.0
LASH TURKIYE	WMIG	07	AN	MER	SL	P	SL	C	OS4	A	TMS	1	23.0	30.0
LELAND I DOAN	WLDE	03	AN	MER	SL	P	SL	C	OS4		TMS	1	12.0	
LESLIE LYKES	WHTU	02	AN	MER	A	P	A	C	OS4	A	TMS	1	14.0	
LETITIA LYKES	KNEJ	02	AN	MER	A	P	A	C	OS4	A	TMS	1	17.0	
LIGHTNING	KAFT	07	AN	MER	SL	P	SL	C	OS4	XBT	TMS	1	20.0	
LIGHTVESSEL WLV 196	NMJH		AN	MER	A	P	A	C	OS4	A	TMS	3	6.0	19.0
LIGHTVESSEL WLV 604	NEWP		AN	MER	A	P	A	C	OS4	A	T	3	6.0	19.0
LIGHTVESSEL WLV 605	NKVV		AN	MER	A	P	A	C	OS4	A	TMS	4	6.0	19.0
LIPSCOMB LYKES	KOQG	02	AN	MER	A	P	A	C	OS4		TMS	1	14.0	
LONG BEACH	KPDV	12,20	AN	MER	SL	P	SL	C	OS4		TMS	1	18.0	
LONG LINES	WATF	02	AN	MER	SL	P	SL	C	OS4	A XBT	TMS	1	17.0	
LOS ANGELES	WTKD	20	AN	MER	A	P	A	C	OS4	R BT	TMS	1	17.0	
LOUISE LYKES NEW	WLCV	02	AN	MER	A	P	A	C	OS4	A	TMS	1	17.0	
LOUISE LYKES OLD	KOWG	02	AN	MER	A	P	A	C	OS4		TMS	1	14.0	

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LT ROBERT CRAIG	NJUD	04	AN	MER	SL	P	SL	C			MS	1	17.0	
M M DANT	WJHA	20	AN	MER	A	P	A	C	OS4	A	TMS	1	15.0	26.0
MADAKET	KOXH	02	AN	MER	SL	P	SL	C	OS4		TMS	1	14.0	
MAIDEN CREEK	KPBU	17	AN	MER	SL	P	SL	C	OS4		TMS	1	14.0	
MALLORY LYKES	KLPN	02	AN	MER	A	P	A	C	OS4	A	TMS	1	14.0	
MANHATTAN	WJAF	02	AN	MER	SL	P	SL	C	OS4		TMS	1	17.0	
MARGARET LYKES	WJHN	02	AN	MER	A	P	A	C	OS4	A	TMS	1	14.0	
MARINE DUVAL	KADD	27	AN	MER	A	P	A	C	OS4		TMS	1	17.0	
MARIPOSA	KFCP	19,29	AN	MER	A	P	A	C	OS4		TMS	3	17.0	
MARJORIE LYKES	KAXP	02	AN	MER	A	P	A	C	OS4	A	TMS	1	14.0	
MARYLAND TRADER	KFTZ	04	AN	MER	A	P	A	C	OS4		TMS	1	13.0	
MARYMAR	WKFO	03	AN	MER	A	P	A	C	OS4		TMS	1	19.0	
MASON LYKES	KNFN	02	AN	MER	A	P	A	C	OS4	A	TMS	1	17.0	
MAYAGUEZ	WFZK	10	AN	MER	SL	P	SL	C	OS4	XBT	TMS	1	17.0	
MAYO LYKES	KBNC	02	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	8.0	14.0
MCCULLOCH	NODA	02	AN	MER	SL	P	SL	BU	OS4	A,R BT	TMS	5	6.0	24.0
MELLON WHEC 717	NDIT	02	AN	MER	A	P	A	C	OS4	A,R	TMS	3	6.0	12.0
MELVILLE	WECB	02	AN	MER	A	P	A	C	OS4	A BT	TMS	1	15.0	18.0
MENDOTA	NRUS	02	AN	MER	SL	P	SL	BU	OS4	A,R BT	TMS	5	9.0	18.0
MICHIGAN	KAIP	20	AN	MER	SL	P	SL	C	OS4		TMS	1	21.0	
MINNETONKA WHEC 67	NRUP	02	AN	MER	A	P	A	BU	OS4	A	TMS	7	8.0	17.0
MOBILE	KPPH	07	AN	MER	SL	P	SL	C	OS4		TMS	1	6.0	
MOBILIAN	KSWU	12,20	AN	MER	SL	P	SL	C	OS4		TMS	1	15.0	
MONTANA	WXGD	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	17.0	
MONTPELIER VICTORY	WJCS	18,19	AN	MER	SL	P	SL	C	OS4	R	TMS	1	16.0	
MORGENTHAU	NDWA	02	AN	MER	SL	P	SL	BU	OS4	A,R BT	TMS	5	9.0	24.0
MORMAC ALTAIR	WMSM	06	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0	
MORMAC BAY	WMDW	08	AN	MER	SL	P	SL	C	OS4		TMS	1	17.0	
MORMAC CAPE	WMDX	09	AN	MER	SL	P	SL	C	OS4	XBT	TMS	1	17.0	
MORMAC CARGO	WMRG	06,09	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0	

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MORMAC COVE	WMDG	09,10,11	AN	MER	SL	P	SL	C	OS4		TMS	1	17.0	
MORMAC DRACO	WMSD	06	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0	
MORMAC GLEN	WMDL	09,10,11	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0	
MORMAC LAKE	WMDY	09,10,11	AN	MER	SL	P	SL	C	OS4	XBT	TMS	1	17.0	
MORMAC LYNX	WMRU	06,09	AN	MER	SL	P	SL	C	OS4	XBT	TMS	1	17.0	
MORMAC PRIDE	WMDV	09	AN	MER	SL	P	SL	C	OS4	XBT	TMS	1	17.0	
MORMAC RIGEL	WMSF	06,09	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0	
MORMAC SCAN	WMDZ	09,10,11	AN	MER	SL	P	SL	C	OS4		TMS	1	17.0	
MORMAC TRADE	WMRH	09,10,11	AN	MER	SL	P	SL	C	OS4		TMS	1	17.0	
MORMAC VEGA	WMRJ	06,09	AN	MER	SL	P	SL	C	OS4	XBT	TMS	1	20.0	
MORNING LIGHT	WHEQ	20	AN	MER	A	P	A	C	OS4		TMS	1	15.0	
MOUNT MITCHELL	WTEG	02	AN	MER	SL	P	SL	C		XBT	MS	1	17.0	
NANCY LYKES	WCUU	02	AN	MER	A	P	A	C	OS4	A	TMS	1	14.0	
NECHES	KYNK	04	AN	MER	A	P	A	C	OS4		TMS	1	14.0	
NEVADA STANDARD	KEDW	18,20,25	AN	MER	A	P	A	C	OS4		TMS	1	16.0	
NEW ORLEANS	WHGO	18	AN	MER	SL	P	SL	C	OS4		TMS	1	18.0	
NEWARK	WNDO	04	AN	MER	SL	P	SL	C	OS4	XBT	TMS	1	17.0	
NOONDAY	KQJT	20	AN	MER	SL	P	SL	C	OS4		TMS	1	15.0	
NORMAN LYKES	KQFK	14	AN	MER	A	P	A	C	OS4		TMS	1	12.0	
NORTHFIELD	KOJV	04	AN	MER	A	P	A	C	OS4		TMS	1	13.0	
NORTHWIND WAGB 282	NRFJ	18	AN	MER	SL	P	SL	C	OS4	A,R BT	TMS	6	6.0	22.0
OAKLAND	KPIV	12,20	AN	MER	SL	P	SL	C	OS4		TMS	1	18.0	
OCEANOGRAPHER	WTEP	18,19	AN	MER	SL	P	SL	C	OS4	A,R	TMS	2	10.0	29.0
OREGON	KKFW	20	AN	MER	A	P	A	C	OS4	A	TMS	1	15.0	26.0
OREGON BEAR	KFCH	20	AN	MER	A	P	A	C	OS4		TMS	1	15.0	
OREGON II	WTDO	02	AN	MER	A	P	A	C	OS4		T	1	7.0	
OREGON MAIL	KCAK	20	AN	MER	A	P	A	C	OS4		TMS	1	16.0	
OREGON STANDARD	KTKW	05,18,19	AN	MER	A	P	A	C	OS4		TMS	1	16.0	
OVERSEAS ALICE	WOVL	18	AN	MER	SL	P	SL	C	OS4		TMS	1	18.0	
OVERSEAS REBECCA	KLFE	18	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0	
OWASCO	NRUA	02	AN	MER	SL	P	SL	BU	OS4	A,R BT	TMS	5	9.0	18.0
PACIFIC BEAR	WEZH	20	AN	MER	SL	P	SL	C	OS4	A	TMS	1	20.0	32.0
PANAMA	KPGL	12,20	AN	MER	SL	P	SL	C	OS4		TMS	1	18.0	

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PRESIDENT MADISON	KQOE	12,20	AN	MER	A	P	A	C	OS4		MS	1	15.0
PRESIDENT MC KINLEY	WVFZ	20	AN	MER	SL	P	SL	C	OS4		MS	1	20.0
PRESIDENT MONROE	WLDK	01	AN	MER	A	P	A	C	OS4		TMS	1	16.0
PRESIDENT PIERCE	KQOD	12,20	AN	MER	A	P	A	C	OS4		MS	1	15.0
PRESIDENT POLK	WNEI	01	AN	MER	S	P	S	C	OS4		TMS	1	16.0
PRESIDENT TAFT	WLDT	20	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0
PRESIDENT TAYLOR	KFEX	12,20	AN	MER	A	P	A	C	OS4		MS	1	18.0
PRESIDENT TYLER	WGNF	20	AN	MER	A	P	A	C	OS4		MS	1	18.0
PRESIDENT VAN BUREN	WWPI	12,20	AN	MER	SL	P	SL	C	OS4		MS	1	20.0
PRESIDENT WILSON	WBYN	20	AN	MER	A	P	A	C	OS4		TMS	4	19.0
PRUDENTIAL OCEAN JET	KNCS	07	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0
PRUDENTIAL SEA JET	KFFJ	07	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0
PVT FRANK J PETRARCA	NQDH	02	AN	MER	A	P	A	C	OS4		TMS	1	12.0
PVT JOSEPH F MERRELL	NSXJ	02	AN	MER	A	P	A	C	OS4		TMS	1	12.0
PVT LEONARD C BROSTROM	NLWA	02	AN	MER	A	P	A	C	OS4		TMS	1	12.0
RAPHAEL SEMMES	KGJN	10	AN	MER	SL	P	SL	C	OS4	XBT	TMS	1	17.0
RED JACKET	KAJ	06,07	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0
RELIANCE	NJPH	27	AN	MER	SL	P	SL	C	OS4	A	TMS	3	9.0
RESEARCHER	WTER	02	AN	MER	SL	P	SL	C	OS4	A	TMS	2	11.0
RICE QUEEN	KWXR	03	AN	MER	A	P	A	C	OS4		TMS	1	15.0
ROBERT D CONRAD	WHBA	02	AN	MER	SL	P	SL	C	OS	A	MS	1	17.0
ROBERT E LEE	WJDD	14	AN	MER	SL	P	SL	C	OS4		TMS	1	22.0
ROCKAWAY	NBTM	01,02	AN	MER	SL	P	SL	C	OS4	A	TMS	3	10.0
ROSE CITY	KYVN	20	AN	MER	SL	P	SL	C	OS4		TMS	1	26.0
RUTH LYKES NEW	KOHB	02	AN	MER	A	P	A	C	OS4	A	TMS	1	17.0
SAINT LOUIS	KMMF	03,20	AN	MER	SL	P	SL	C	OS4		TMS	1	23.0
SAMOA BEAR	KHRD	20	AN	MER	A	P	A	C	OS4		TMS	1	15.0
SAN FRANCISCO	WTKA	20	AN	MER	SL	P	SL	C	OS4	R BT	TMS	1	16.0
SAN JUAN	KFER	20	AN	MER	SL	P	SL	C	OS4	R BT	TMS	1	16.0
SAN PEDRO	KTSQ	20	AN	MER	SL	P	SL	C	OS4		TMS	1	23.0
SANSINENA II	WSIN	18	AN	MER	SL	P	SL	C	OS4		TMS	1	18.0
SANTA ANA	KSEP	21	AN	MER	SL	P	SL	C	OS4		TMS	1	15.0
SANTA BARBARA	WLGS	11	AN	MER	SL	P	SL	C	OS4	XBT	TMS	1	18.0

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SANTA CLARA	WLGP	09	AN	MER	SL	P	SL	C	OS4	XBT	TMS	1	17.0	
SANTA CRUZ	KPCM	11,07	AN	MER	SL	P	SL	C	OS4	A	TMS	1	18.0	21.0
SANTA ELENA	WLGR	09	AN	MER	SL	P	SL	C	OS4	A	TMS	1	17.0	
SANTA ELIANA	KQLS	21	AN	MER	A	P	A	C	OS4		TMS	1	15.0	
SANTA ISABEL	WLGT	09	AN	MER	SL	P	SL	C	OS4		TMS	1	25.0	
SANTA LUCIA	KRFC	11	AN	MER	SL	P	SL	C	OS4		TMS	1	18.0	
SANTA MAGDALENA	KAHA	21	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0	
SANTA MARIA	K AFC	05,18,19	AN	MER	SL	P	SL	C	OS	A XBT	TMS	1	12.0	
SANTA MARIANA	WSNA	21	AN	MER	SL	P	SL	C	OS	A XBT	TMS	1	20.0	
SANTA MERCEDES	WHBH	11	AN	MER	SL	P	SL	C	OS	XBT	TMS	4	20.0	
SANTA PAULA	WENW	18	AN	MER	SL	P	SL	C	OS4		TMS	1	22.0	
SCHUYLER OTIS BLAND	NMRX	20	AN	MER	SL	P	SL	C	OS4		TMS	1	17.0	
SEA LIFT T AKR 9	NBIJ	02	AN	MER	S	P	S	C	OS4	A	TMS	1	21.0	
SEA QUEST	WY9467	05	AN	MER	SL	P	SL	C	OS4		T	1	9.0	
SEA WITCH	KAFO	04	AN	MER	SL	P	SL	C	OS4	XBT	TMS	1	17.0	
SEAFARER	WU8601	05	AN	MER	SL	P	SL	C	SS		T	1	7.0	
SEAMAR	WKFN	03	AN	MER	A	P	A	C	OS4		TMS	1	21.0	
SEBAGO	NRUF	02,04	AN	MER	SL	P	SL	BU	OS4	A,R BT	TMS	5	9.0	18.0
SEdge WLB 402	NODU	30	AN	MER	SL	P	SL	C	SS	A	TMS	3	11.0	17.0
SGT ANDREW W MILLER	NJRT	20	AN	MER	SL	P	SL	C	OS4		TMS	1	16.0	
SGT JACK J PENDLETON	NVKM	20	AN	MER	SL	P	SL	C	OS4		TMS	1	16.0	
SGT TRUMAN KIMBRO	NMCO	20	AN	MER	A	P	A	C	OS4		TMS	1	16.0	
SHELDON LYKES	KEAY	02	AN	MER	A	P	A	C	OS4	A	TMS	1	14.0	
SHERMAN	NMML	02	AN	MER	SL	P	SL	BU	OS4	A,R BT	TMS	5	9.0	24.0
SHIRLEY LYKES	WJDH	02	AN	MER	A	P	A	C	OS4	A	TMS	1	14.0	
SILAS BENT T AGS 26	NNUD	02	AN	MER	SL	P	SL	BU	OS4	A	TM	1	11.0	23.0
SL 180	KLJH	06,07,02	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0	
SL181	WNDJ	06,07,02	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0	
SOLON TURMAN	WNAJ	02	AN	MER	A	P	A	C	OS4	A	TMS	1	14.0	
SPENCER	NRDS	02	AN	MER	SL	P	SL	BU	OS4	A,R BT	TMS	5	6.0	21.0
STAGHOUND	KAFQ	04	AN	MER	SL	P	SL	C	OS4	XBT	TMS	1	17.0	

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STATE OF MAINE	WTWY	02	AN	MER	SL	P	SL	C	OS		TMS	2	17.0	
STEEL ADMIRAL	KHNL	04	AN	MER	SL	P	SL	C	OS4	XBT	TMS	1	17.0	
STEEL ADVOCATE	WPIV	01	AN	MER	A	P	A	C	OS4		MS	1	15.0	
STEEL APPRENTICE	KIWI	01	AN	MER	A	P	A	C	OS4		TMS	1	15.0	
STEEL ARTISAN	KRLR	02	AN	MER	SL	P	SL	C	OS4		TMS	1	17.0	
STEEL DESIGNER	KRMR	12, 20	AN	MER	A	P	A	C	OS4		TMS	1	15.0	
STEEL ENGINEER	KEKY	02	AN	MER	SL	P	SL	C	OS4		TMS	1	17.0	
STEEL EXECUTIVE	KROL	26	AN	MER	A	P	A	C	OS4		TMS	1	15.0	
STEEL MAKER	KRRB	02	AN	MER	SL	P	SL	C	OS4	XBT	TMS	1	17.0	
STEEL NAVIGATOR	KRRD	01	AN	MER	A	P	A	C	OS4		TMS	1	15.0	
STEEL SCIENTIST	KRRI	07	AN	MER	SL	P	SL	C	OS4	XBT	TMS	1	17.0	
STEEL SEAFARER	KRRJ	02	AN	MER	SL	P	SL	C	OS4	XBT	TMS	1	17.0	
STEEL TRAVELER	KRRL	01	AN	MER	A	P	A	C	OS4		TMS	1	15.0	
STEEL VENDOR	KSYV	01	AN	MER	SL	P	SL	C	OS4		TMS	1	17.0	
STEEL VOYAGER	KIWU	02	AN	MER	SL	P	SL	C	OS4		TMS	1	17.0	
STELLA LYKES NEW	KNJA	02	AN	MER	A	P	A	C	OS4	A	TMS	1	17.0	
STELLA LYKES OLD	KRRP	02	AN	MER	A	P	A	C	OS4		MS	1	14.0	
STONEWALL JACKSON	WJEN	14	AN	MER	SL	P	SL	C	OS4		TMS	1	18.0	
SUMMIT	KXDW	04	AN	MER	SL	P	SL	C	OS4		TMS	1	17.0	
SUNNYVALE T AGM 5	NUGS	02	AN	MER	S	P	S	C	OS4	A	TMS	2	12.0	26.0
SURVEYOR	WTES	02	AN	MER	A	P	A	C	OS4	A,R	TS	4	10.0	27.0
TAMPA	KKJA	04	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0	
TANEY	NRDT	02	AN	MER	A	P	A	C	OS4	A,R	TMS	7	7.0	27.0
TEXAN	KPZI	02	AN	MER	A	P	A	C	OS4		MS	1	16.0	
TEXAS CLIPPER	KVWA	02	AN	MER	A	P	A	C	OS4	A	TMS	1	14.0	
TEXAS SUN	WIEO	04	AN	MER	A	P	A	C	OS4		TMS	1	14.0	
THOMAS E CUFFE	WTST	20	AN	MER	SL	P	SL	C	OS4	A	TMS	1	20.0	32.0
THOMAS G THOMPSON	KGWT	02	AN	MER	SL	P	SL	C	OS4	A	TMS	1	6.0	
THOMAS WASHINGTON	KGWU	02	AN	MER	SL	P	SL	C	OS4	A	TMS	1	6.0	18.0
THOMPSON LYKES	KFHX	02	AN	MER	A	P	A	C	OS4	A	TMS	1	14.0	
TILLIE LYKES	KSKN	02	AN	MER	A	P	A	C	OS4		MS	1	14.0	
TOPA TOPA	KSNS	13	AN	MER	SL	P	SL	C	OS4		TMS	1	14.0	
TOWNSEND CROMWELL	WTDF	25	AN	MER	A	P	A	BU	OS4	A	TMS	1	4.0	
TRANS HAWAII	KADP	06, 07	AN	MER	SL	P	SL	C	OS4		TMS	1	17.0	

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TRANS INDIANA	KABP	06	AN	MER	SL	P	SL	C	OS4		TMS	1	17.0	
TRANSCHAMPLAIN	WPGI	19	AN	MER	SL	P	SL	C	OS4		TMS	1	18.0	
TRANSIDAHO	KOCI	06	AN	MER	SL	P	SL	C	OS4		TMS	1	19.0	
TRANSONTARIO	KUQY	19	AN	MER	SL	P	SL	C	OS4		TMS	1	16.0	
TRANSOREGON	KAAI	06,07	AN	MER	SL	P	SL	C	OS4	XBT	TMS	1	17.0	
TRENTON	KPCV	20	AN	MER	SL	P	SL	C	OS4		TMS	1	18.0	
TRINITY	KYRH	04	AN	MER	A	P	A	C	OS4		TMS	1	14.0	
UPSHUR T AP 198	NTFH	20	AN	MER	SL	P	SL	C	OS4	A,R	TMS	3	11.0	27.0
UTAH STANDARD	KQTI	04,20	AN	MER	A	P	A	C	OS4		MS	1	13.0	
VALIANT	NVAI	27	AN	MER	SL	P	SL	C	OS4	A	TMS	3	11.0	
VELMA LYKES	KVMU	02	AN	MER	A	P	A	C	OS4	A	TMS	1	17.0	
WACHUSETT	NRUJ	02	AN	MER	A	P	A	C	OS4	A,R	TMS	6	8.0	24.0
WACOSTA	KWMY	04	AN	MER	SL	P	SL	C	OS4	XBT	TMS	1	17.0	
WALTER RICE	KCSE	26	AN	MER	SL	P	SL	C	OS4		TMS	1	14.0	
WARRIOR	KORY	12,20	AN	MER	SL	P	SL	C	OS4		TMS	1	15.0	
WASHINGTON	WPHI	20	AN	MER	A	P	A	C	OS4	A	TMS	1	15.0	26.0
WASHINGTON BEAR	KFCL	20	AN	MER	A	P	A	C	OS4		TMS	1	15.0	
WASHINGTON MAIL	WLRK	20	AN	MER	A	P	A	C	OS4		TMS	1	20.0	
WASHINGTON STANDARD	WSUL	05,18,19	AN	MER	SL	P	SL	C	OS4		TMS	1	16.0	
WHITING	WTEW	04	AN	MER	SL	P	SL	C	OS4	A	TMS	1	12.0	
WINNEBAGO WHEC 40	NRUB	02	AN	MER	A	P	A	C	OS4	A,R BT	TMS	6	8.0	24.0
WINONA	NRUN	02	AN	MER	A	P	A	C	OS4	A,R	TMS	7	8.0	24.0
WOLVERINE STATE	KPHR	06	AN	MER	SL	P	SL	C	OS4		TMS	1	17.0	
WYOMING	WLGf	20	AN	MER	SL	P	SL	C	OS4		TMS	1	23.0	
YAQUINA	WFNA	05	AN	MER	S	P	S	C	OS4	A	T	2	6.0	
YORKMAR	KMDD	03	AN	MER	A	P	A	C	OS4		TMS	1	19.0	
YOUNG AMERICA	WGLW	06,07	AN	MER	SL	P	SL	C	OS4	XBT	TMS	1	27.0	
ZOELLA LYKES	WELN	02	AN	MER	A	P	A	C	OS4	A	TMS	1	14.0	

## Supplementary Ships

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AFOUNDRIA	KYFX	07	AN	MER	SL	P	SL	C			MS	1	17.0		
ALASKA	WA2114	05	AN	MER	SL	P	SL	C		A	T	1	6.0	12.0	

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ALBANY	KQYL	12,20	AN	MER	SL	P	SL	C		TMS	1	15.0	
AMERICAN CONDOR	KSLE	02	AN	MER	SL	P	SL	C		TMS	1	15.0	
AMERICAN EXPLORER	NTUG	02	AN	ALC	S	P	S	C		TMS	1	14.0	
AMERICAN ORIOLE	KFHY	02	AN	MER	S	P	S	C		TMS	1	15.0	
AMERICAN ROBIN	KHWQ	02	AN	MER	SL	P	SL	C		MS	1	15.0	
AMERICAN TRADER	KVKV	02	AN	MER	US			C		TMS	1	15.0	
ANCHORAGE VICTORY	KIRJ	02	AN	MER	SL	P	SL	C		MS	1	17.0	
ANN M	WY7930	05	AN	MER	SL	P	SL	C		T	1	9.0	
ATLANTIC COMMUNICATOR	KFBN	11	AN	MER	SL	P	SL	C		MS	1	17.0	
ATLANTIC ENDEAVOR	KALD	27,04	AN	MER	SL	P	SL	C		TMS	1	13.0	
ATLANTIC ENTERPRISE	KALC	27,04	AN	MER	SL	P	SL	C		TMS	1	12.0	
ATLANTIC HERITAGE	KAHA	04	AN	MER	SL	P	SL	C		TMS	1	12.0	
ATLANTIC NAVIGATOR	KNAR	07	AN	MER	SL	P	SL	C		MS	1	17.0	
AVILA	KAKL	05	AN	MER	SL	P	SL	C		TMS	1	13.0	
AZOREANA	WX9493	05	AN	MER	SL	P	SL	C		T	1	6.0	
BALSAM WLB62	NRZB	20	AN	MER	SL	P	SL	C	A	TMS	2	7.0	11.0
BARTLETT	NBAD	02	AN	MER	SL	P	SL	C	A	TMS	1	11.0	
BASSWOOD WLB388	NODG	20	AN	MER	SL	P	SL	C	A	TMS	2	10.0	14.0
BENNINGTON	KEZG	02	AN	MER	US	P	US	C		TMS	1	13.0	
BITTERSWEET WLB 389	NODH	30	AN	MER	SL	P	SL	C	A	TM	3	8.0	12.0
BLACKHAW WLB 390	NUDI	20	AN	MER	SL	P	SL	C	A	TMS	2	8.0	11.0
BLACKTHORN	NODJ	27	AN	MER	SL	P	SL	C	A	TMS	2	8.0	
BURTON ISLAND WAGB 283	NEVK		AN	ALC	SL	P	SL	C	A	TMS	1	13.0	17.0
BUTTONWOOD WLB 306	NRPX	20	AN	MER	S	P	S	C	A	TMS	2	9.0	
CANTIGNY	KDYC	02	AN	MER	SL	P	SL	C		MS	1	17.0	
CATAWBA FORD	WMUE	05,19	AN	MER	SL	P	SL	C		TMS	1	14.0	
CAYUSE	WS5022	05	AN	MER	S	P	S	BU	A	T	1	4.0	15.0
CHAUVENET T AGS 29	NYGG	02	AN	MER	S	P	S	C	A	TMS	1	16.0	20.0
CITIES SERVICE BALTIMORE	KEHO	02	AN	MER	SL	P	SL	C		MS	1	17.0	
CITIES SERVICE MIAMI	WIJT	02	AN	MER	SL	P	SL	C		MS	1	17.0	
CITIES SERVICE NORFOLK	KNEC	02	AN	MER	SL	P	SL	C		MS	1	17.0	
CITY OF SAN DIEGO	WQ4002	05	AN	MER	SL	P	SL	C		T	1	9.0	
CLOVER WLB 392	NRPK	30	AN	MER	S	P	S	C	A	TMS	6	11.0	
CONCHO	WX7018	05	AN	MER	SL	P	SL	C		TS	1	3.0	

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CONFIDENCE WPC619	NHKN	18	AN	MER	SL	P	SL	C		TMS	3	9.0	
CONNECTICUT	KETD	02	AN	MER	SL	P	SL	C		TMS	1	15.0	
CONNIE JEAN	WX5665	05	AN	MER	SL	P	SL	C		T	1	9.0	
CONQUEST	WY5501	05	AN	MER	SL	P	SL	C		T	1	9.0	
CONTE BIANCO	WX8008	05	AN	MER	SL	P	SL	C		T	1	3.0	
COUNCIL GROVE	KFRJ	02	AN	MER	SL	P	SL	C		MS	1	17.0	
COWANESQUE T AO 19	NKHQ	02	AN	MER	SL	P	SL	C		TMS	1	13.0	
DE STEIGUER T AGORI2	NAEE	02	AN	MER	A	P	A	C	A	TMS	1	11.0	
DELAWARE SUN	KJDN	04	AN	MER	SL	P	SL	C		TMS	1	12.0	
DELAWARE II	WZ2035	04	AN	MER	SL	P	SL	C	OS4	A BT	T	8.0	13.0
E W THORNTON	WPHA	02	AN					C		TMS	1	12.0	
EAGLE CHARGER	KMLK	02	AN	ALC	US	P	US	C		TMS	1	19.0	
EAGLE LEADER	KMLD	02	AN	MER	SL	P	SL	C		TMS	1	18.0	
EASTERN SUN	KFBT	04	AN	MER	SL	P	SL	C		TMS	1	12.0	
ECLIPSE	KJFA	18	AN	MER	S	P	S	C	A	TMS	1	15.0	18.0
EDGAR M QUEENY	KEOC	04	AN	ALC	S	P	S	C		TMS	1	15.0	
ESSO BANGOR	KEAH	04	AN	MER	A	P	A	C	A	TMS	1	12.0	
ESSO CHESTER	KEAG	02	AN	MER	A	P	A	C	A	TMS	1	12.0	
ESSO FLORENCE	KEAK	04	AN	MER	A	P	A	C	A	TMS	1	12.0	
ESSO LIMA	KGFA	04	AN	MER	A	P	A	C	A	TMS	1	12.0	
ESSO MIAMI	KTSN	04	AN	MER	A	P	A	C	A	TMS	1	12.0	
ESSO NEW YORK	KPRF	04	AN	MER	SL	P	SL	C	A	TMS	1	12.0	
ESSO NEWARK	KEAF	04	AN	MER	A	P	A	C	A	TMS	1	12.0	
ESSO SAN FRANCISCO	KAAC	04	AN	MER	A	P	A	C	A	TMS	1	20.0	
FAIRWEATHER	WTEB	02	AN	MER	A	P	A	C	A	TMS	2	10.0	21.0
GAINES MILL	KUCL	19,25	AN	MER	SL	P	SL	C		TMS	1	16.0	
GEN HOYT S VANDENBERG	NBBP	20	AN	MER	S	P	S	C	A	TMS	1	17.0	24.0
GENTIAN	NRPI	27	AN	MER	SL	P	SL	C	A	TMS	2	7.0	
GEORGE B KELEZ	WZ2006	18	AN	MER	SL	P	SL	C	A	T	2	8.0	
GINA KAREN	WY5527	05	AN	MER	SL	P	SL	C		T	1	9.0	
GOLDEN GATE	KIOH	02	AN	MER	SL	P	SL	C		TMS	1	25.0	
GOLDEN GLOW	WX8701	05	AN	MER	SL	P	SL	C		T	1	6.0	
GREEN FOREST	WMBE	02	AN	MER	SL	P	SL	C		MS	1	17.0	

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GREEN PORT	WOWF	02	AN	MER	SL	P	SL	C		TMS	1	21.0	
GREEN RIDGE	KKPR	02	AN	MER	SL	P	SL	C		TMS	1	15.0	
GREEN SPRINGS	KPCT	02	AN	MER	SL	P	SL	C		TMS	1	21.0	
GREEN WAVE	WBAO	02	AN	ALC	US	P	US	C		TMS	1	21.0	
GREENVILLE VICTORY	NSUP	06	AN	MER	SL	P	SL	C		MS	1	17.0	
GULF DEER	WPIR	04	AN	MER	SL	P	SL	C		MS	1	17.0	
GULF JAGUAR	KKIC	04	AN	MER	SL	P	SL	C		MS	1	17.0	
GULF LUBE	KRQW	04	AN	MER	SL	P	SL	C		MS	1	17.0	
GULF PRIDE	WJHK	04	AN	MER	SL	P	SL	C		MS	1	17.0	
GULF SPRAY	KEJD	04	AN	MER	SL	P	SL	C		MS	1	17.0	
GULF TIGER	KKIW	04	AN	MER	SL	P	SL	C		MS	1	17.0	
GULFCREST	KIMH	04	AN	MER	SL	P	SL	C		TMS	1	13.0	
GULFOIL	WEMS	10, 17	AN	ALC	S	P	S	C		TMS	1	15.0	
GULFSEAL	KKIX	04, 27	AN	MER	SL	P	SL	C		TMS	1	12.0	
GUNNERS KNOT	WSZL	25	AN	MER	A	P	A	C		MS	1	11.0	
HAFADAI	WSZW	25	AN	MER	SL	P	SL	C		TMS	1	5.0	
HESS TRADER	WSKC	04	AN	MER	SL	P	SL	C		TMS	1	14.0	
HESS VOYAGER	WNFE	04	AN	ALC	S	P	S	C		TMS	1	15.0	
IRIS CG	NODN	27	AN	MER	S	P	S	C	A	TMS	1	9.0	
IRONWOOD WLB 297	NRPN	30	AN	MER	SL	P	SL	C	A	TMS	2	7.0	17.0
J E DYER	WKJO	01	AN	MER	S	P	S	C		TMS	1	15.0	
JAMES	KHCV	20	AN	MER	S	P	S	C		TMS	1	17.0	
JAMES M COOK	WSZV	25	AN	MER	SL	P	SL	C		TM	1	7.0	
JAMES M GILLISS	NQWO	02	AN	MER	SL	P	SL	C		TMS	1	17.0	
JEFFERSON CITY VICTORY	KKXF	12	AN	ALC	VS	P	VS	C		TMS	1	13.0	
JOHN F KENNEDY	WY9779	05	AN	MER	SL	P	SL	C		T	1	9.0	
JOHN N COBB	WZ2023	05	AN	MER	SL	P	SL	C		T	3	6.0	
KASELEHLIA	WSZR	25	AN	MER	SL	P	SL	C		T	1	10.0	
KATHLEEN	WY7929	05	AN	MER	SL	P	SL	C		T	1	6.0	
KERRI M	WY5704	05	AN	MER	SL	P	SL	C		T	1	9.0	
KEVA IDEAL	KMHM	04	AN	MER	SL	P	SL	C		TMS	1	12.0	
KEYSTONER	KIGR	02	AN	MER	SL	P	SL	C		TMS	1	14.0	
KINGSPORT	NLZF	02	AN	MER	SL	P	SL	C	A	TMS	1	14.0	
KUKUI	NRCQ	02	AN	MER	SL	P	SL	C	A	TMS	2	10.0	13.0

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LA SALLE	KXUW	02	AN	MER	SL	P	SL	C		TMS	1	17.0	
LOIS SEAVER	WX7017	05	AN	MER	SL	P	SL	C		TS	1	3.0	
LONGVIEW T AGM 3	NJSK	02	AN	MER	S	P	S	C	A	TMS	1	13.0	24.0
LONGVIEW VICTORY	KOVH	02	AN	MER	SL	P	SL	C		MS	1	12.0	
LOU JEAN II	WY6321	05	AN	MER	SL	P	SL	C		T	1	9.0	
LUMBER QUEEN	WHTI	05	AN	MER	SL	P	SL	C		TMS	1	12.0	
MAGNOLIA WLB 328	NRVA	02	AN	MER	SL	P	SL	C	A	T	1	8.0	
MALLOW WLB 396	NODO	05	AN	MER	S	P	S	C	A	TMS	1	5.0	
MANKATO VICTORY	KPBY	02	AN	MER	SL	P	SL	C		MS	1	12.0	
MARIETTA	WY4738	05	AN	MER	SL	P	SL	C		T	1	9.0	
MARINE FIDDLER	NNYC	02	AN	MER	SL	P	SL	C		MS	1	17.0	
MARSHFIELD	NIZX	04	AN	MER	SL	P	SL	C		TMS	1	14.0	
MARTHA R INGRAM	WYZ44	27	AN	MER	US			C		T	2	10.0	
MAUMEE	NSNF	02	AN	MER	SL	P	SL	C		TMS	1	15.0	
MEADOWBROOK	KIHS	02,03	AN	MER	SL	P	SL	C		TMS	1	13.0	
MILITOBII	WSZJ	25	AN	MER	A	P	A	C		T	1	8.0	
MILLER FREEMAN	WTDM	18	AN	MER	SL	P	SL	C	A BT	TMS	2	10.0	
MILLICOMA T AO 73	NJVR	20	AN	MER	SL	P	SL	C		MS	1	15.0	
MIRFAK	NZAE	20	AN	MER	SL	P	SL	C		MS	1	17.0	
MISSION BUENAVENTURA	NDDV	02	AN	ALC	S	P	S	C		TMS	1	15.0	
MISSION SANTA CRUZ	NCFC	02	AN	ALC	US			C		TMS	1	15.0	
MISSION SANTA YNEZ	NCFJ	02	AN	MER	SL	P	SL	C		TMS	1	13.0	
MOBIL AERO	WLBY	03,04	AN	MER	SL	P	SL	C		TMS	1	12.0	
MOBIL LUBE	WKIM	03,04	AN	MER	SL	P	SL	C		TMS	1	12.0	
MOBIL MERIDIAN	KGSM	03,04	AN	MER	SL	P	SL	C		TMS	1	12.0	
MOBIL POWER	KIEH	03,04	AN	MER	SL	P	SL	C		TMS	1	12.0	
MOBILFUEL	WGEB	03,04	AN	MER	SL	P	SL	C		TMS	1	12.0	
MOBILGAS	KOHD	03,04	AN	MER	SL	P	SL	C		TMS	1	12.0	
MOBILLOIL	WMTO	18	AN	MER	SL	P	SL	C		TMS	1	12.0	
MOHAWK	KPHA	20	AN	MER	S	P	S	C		TMS	1	17.0	
MONMOUTH	KFLF	04,02	AN	MER	S	P	S	C		TMS	1	12.0	
MONTICELLO VICTORY	WGRS	20	AN	MER	US	P	US	C		TMS	1	18.0	
N B SCOFIELD	WE7202	05	AN	MER	SL	P	SL	C		T	1	5.0	

## UNITED STATES OF AMERICA

NEW JERSEY SUN	KEAL	04	AN	MER	SL	P	SL	C		TMS	1	14.0	
NEW YORKER	WIPL	04	AN	MER	SL	P	SL	C		TMS	1	12.0	
NORTH STAR III	KPXT	18	AN	ALC	US			C	A	TMS	1	12.0	
NORWALK	NCHI	06	AN	MER	VS	P	VS	C		TMS	1	14.0	
OCEANEER	WV9605	02	AN	MER	SL	P	SL	C		T	1	4.0	
OGDEN WABASH	WGWC	04	AN	MER	SL	P	SL	C		TMS	1	17.0	
OVERSEAS ARCTIC	KLEZ	01,02	AN	MER	SL	P	SL	C		TMS	1	15.0	
OVERSEAS AUDREY	WOVS	02	AN	MER	SL	P	SL	C		TMS	1	20.0	
OVERSEAS SUZANNE	KPIQ	02	AN	MER	S	P	S	C		TMS	1	20.0	
OVERSEAS VIVIAN	KAAZ	02	AN	MER	SL	P	SL	C		TMS	1	18.0	
PALAU ISLANDER	WSZS	25	AN	MER	A	P	A	C		T	1	5.0	
PATHFINDER	WTEO	05,18	AN	MER	A	P	A	C	A	TMS	1	9.0	24.0
PENNSYLVANIA SUN	WHSJ	04	AN	MER	SL	P	SL	C		TMS	1	12.0	
PERRYVILLE	KUTN	04	AN	MER	SL	P	SL	C		TMS	1	11.0	
PHILLIPS CALIFORNIA	KFBL	19	AN	MER	S	P	S	C		TMS	1	11.0	
PHILLIPS WASHINGTON	KEMA	05	AN	MER	S	P	S	C		TMS	1	13.0	
POLARIS	WY9466	05	AN	MER	SL	P	SL	C		T	1	9.0	
PRIBILOF	WTDH	18	AN	MER	SL	P	SL	C	A	TS	1	7.0	17.0
PRODUCER	WKGM	02	AN	MER	SL	P	SL	C		MS	1	19.0	
PVT JOHN R TOWLE	NSTY	02	AN	MER	SL	P	SL	C		MS	1	17.0	
RAINIER	WTEF	02	AN	MER	SL	P	SL	C	A	TMS	2	9.0	17.0
RAN ANNIM	WSZG	25	AN	MER	A	P	A	C		T	1	6.0	
RESOLUTE WPC 620	NRLT	18	AN	MER	SL	P	SL	C	A	TMS	3	12.0	
S P LEE T AGS 31	NDXA	02	AN	MER	A	P	A	C	A	TMS	1	39.0	
SALVIA	NODS	27	AN	MER	S	P	S	C	A	TMS	1	8.0	
SANDY LAKE	KGPM	13	AN	ALC	S	P	S	C		TMS	1	13.0	
SANTA ALICIA	KSER	21	AN	MER	A	P	A	C		MS	1	15.0	
SANTA ANITA	KSES	21	AN	MER	SL	P	SL	C		TMS	1	15.0	
SANTA MARIA	WIAE	05,18,19	AN	MER	SL	P	SL	C		TMS	1	11.0	
SANTA MONICA	WSKX	02	AN	MER	SL	P	SL	C	OS4	TMS	1	15.0	
SCHUYLKILL T AO 76	NKOS	02	AN	ALC	S	P	S	C		TMS	1	18.0	
SEA QUEST	WC8405	05,27	AN	MER	SL	P	SL	C	A	T	2	1.0	
SEATRAN CAROLINA	WSII	02	AN	MER	S	P	S	C		TMS	1	21.0	
SEATRAN DELAWARE	WOOV	04	AN	MER	SL	P	SL	C		TMS	1	17.0	

## UNITED STATES OF AMERICA

SEATRAN FLORIDA	WRCX	12	AN	MER	SL	P	SL	C		TMS	1	19.0	
SEATRAN GEORGIA	KEJT	20	AN	MER	SL	P	SL	C		TMS	1	20.0	
SEATRAN LOUISIANA	KHAB	02	AN	MER	SL	P	SL	C		TMS	1	17.0	
SEATRAN MAINE	KRLO	02	AN	MER	SL	P	SL	C		TMS	1	19.0	
SEATRAN MARYLAND	KWCY	02	AN	ALC	S	P	S	C		TMS	1	18.0	
SEATRAN OHIO	KUSV	20	AN	MER	SL	P	SL	C		TMS	1	21.0	
SEATRAN PUERTO RICO	KNGA	02	AN	MER	SL	P	SL	C		TMS	1	23.0	
SEATRAN SAN JUAN	WMWL	04	AN	MER	SL	P	SL	C		TMS	1	17.0	
SEATRAN WASHINGTON	KXAW	02	AN	MER	S	P	S	C		TMS	1	21.0	
SGT ARCHER T GAMMON	NSMO	02	AN	ALC	S	P	S	C		TMS	1	14.0	
SINCLAIR TEXAS	WJDC	04, 27	AN	MER	SL	P	SL	C		TMS	1	12.0	
SOCONY VACUUM	KIGL	27	AN	MER	S	P	S	C		TMS	1	16.0	
SOHIO INTREPID	KACK	02	AN	MER	S	P	S	C		TMS	1	30.0	
SORREL WLB 296	NRZI	30	AN	MER	S	P	S	C	A	TMS	2	7.0	11.0
SPIRIT OF LIBERTY	WNGI	02	AN	MER	S	P	S	C		TMS	1	17.0	
STORIS WAGB 38	NRUC	30	AN	MER	S	P	S	C	A	TMS	3	8.0	12.0
SUAMICO	NJWV	02	AN	ALC	S	P	S	C		TMS	1	16.0	
SWEETBRIAR WLB 405	NODX	30	AN	MER	S	P	S	C	A	TMS	3	10.0	
SYOSSET	KSFP	04	AN	MER	SL	P	SL	C		TMS	1	12.0	
TERITU	WS6543	19	AN	MER	SL	P	SL	BU	A	T	1	4.0	
TEXACO CONNECTICUT	KFGY	04	AN	MER	SL	P	SL	C		TMS	1	12.0	
TEXACO FLORIDA	KEHS	04	AN	MER	SL	P	SL	C		TMS	1	12.0	
TEXACO GEORGIA	WLDW	04	AN	MER	SL	P	SL	C		TMS	1	13.0	
TEXACO ILLINOIS	KKTO	04	AN	MER	SL	P	SL	C		TMS	1	12.0	
TEXACO KANSAS	KYNF	04	AN	MER	SL	P	SL	C		TMS	1	12.0	
TEXACO MARYLAND	KADG	04	AN	MER	SL	P	SL	C		TMS	1	12.0	
TEXACO MASSACHUSETTS	KAAD	04	AN	MER	SL	P	SL	C		TMS	1	12.0	
TEXACO MINNESOTA	KODU	04	AN	MER	A	P	A	C		TMS	1	13.0	
TEXACO MISSISSIPPI	KWEQ	04	AN	MER	SL	P	SL	C		TMS	1	13.0	
TEXACO MONTANA	KNDL	04	AN	MER	SL	P	SL	C		TMS	1	12.0	
TEXACO NEBRASKA	KFLM	04	AN	MER	SL	P	SL	C		TMS	1	12.0	
TEXACO NEW JERSEY	WQOX	04	AN	MER	SL	P	SL	C		TMS	1	13.0	
TEXACO NORTH DAKOTA	KFDG	04	AN	MER	A	P	A	C		TMS	1	12.0	
TEXACO RHODE ISLAND	WFDW	04	AN	MER	SL	P	SL	C		TMS	1	12.0	

## UNITED STATES OF AMERICA

TEXACO WISCONSIN	WIGK	04	AN	MER	SL	P	SL	C		TMS	1	12.0		
TEXACO WYOMING	KKPK	04	AN	MER	SL	P	SL	C		MS	1	12.0		
TEXAS TRADER	KYXB	02	AN	MER	SL	P	SL	C		TMS	1	21.0		
TICONDEROGA	KFRV	04	AN	MER	SL	P	SL	C		TMS	1	13.0		
TRANS COLUMBIA	KPGQ	02	AN	ALC	S	P	S	C		TMS	1	27.0		
TRANSCOLORADO	KOEW	02	AN	MER	S	P	S	C		TMS	1	20.0		
TRANSONEIDA	KSKE	19	AN	MER	SL	P	SL	C		TMS	1	18.0		
TROJAN	KKXC	04	AN	MER	SL	P	SL	C		TMS	1	12.0		
VALLEY FORGE	WRGL	04	AN	MER	SL	P	SL	C		TMS	1	15.0		
VANGUARD	NIDR	02	AN	MER	SL	P	SL	C		A	TMS	1	15.0	25.0
VANTAGE ENDEAVOR	KKOM	02	AN	MER	S	P	S	C		TMS	1	15.0		
VENTUROUS WPC 625	NVES	05	AN	MER	S	P	S	C	SS	A	TMS	4	15.0	24.0
VICTORIA	WX5601	05	AN	MER	SL	P	SL	C		TS	1	3.0		
VICTORIA	NYVE	02	AN	MER	SL	P	SL	C		TMS	1	15.0		
VIRGINIA TRADER	KVKE	04	AN	MER	SL	P	SL	C		TMS	1	13.0		
VIVIAN ANN	WZY994	05	AN	MER	SL	P	SL	C		T	1	9.0		
WASHINGTON TRADER	WITS	02	AN	MER	SL	P	SL	C		TMS	1	13.0		
WATERTOWN T AGM 6	NSSB	20	AN	MER	SL	P	SL	C		TMS	1	13.0		
WESTERN SUN	KEHJ	04	AN	MER	SL	P	SL	C		TMS	1	13.0		
WESTPORT	WX7000	05	AN	MER	SL	P	SL	C		TS	1	3.0		
WHITE HOLLY WLM 543	NAOY	30	AN	MER	S	P	S	C		A	TMS	3	8.0	
WILMINGTON GETTY	KTKX	04	AN	ALC	S	P	S	C		TMS	1	14.0		
WYANDOT	NLGR	02	AN	MER	SL	P	SL	C		A	TMS	4	15.0	22.0
WYMAN TAG S34	NWEQ	01,02	AN	MER	SL	P	SL	C		A BT	TMS	4	12.0	20.0
YAP ISLANDER	WSZH	25	AN	MER	A	P	A	C		T	2	6.0		
YELLOWSTONE	KPGZ	02	AN	MER	SL	P	SL	C		MS	1	14.0		
YOCONA WMEC 168	NNHB	05	AN	MER	S	P	S	C		A	TMS	4	8.0	12.0
YUKON T AO 152	NUOP	02	AN	MER	S	P	S	C		TMS	1	12.0		

## Auxiliary Ships

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GULF PRINCE	KARC
NAECO	KYHC

## UNITED STATES OF AMERICA

## THUNDERBIRD

## KRLB

## Selected Ships

ACADIA FOREST (NORWAY)	LIGU	13,14	AN	MER	A	P	A		OS4	A	TMS	1	16.0
ALDENBURG (GERMANY)	DAHA	17,21	AN	MER	SL	P	SL	C	SS		TMS	1	11.0
ALESSANDRO VOLTA (ITALY)	ICHV	23	AN	MER	S	P	S	C	SS		MS	1	14.0
ALMIRANTE (HONDURAS)	HREV	16,11	AN	MER	A	P	A	C	OS4		MS	1	11.0
ANTONIO PACINOTTI (ITALY)	ICRA	23	AN	MER	SL	P	SL	C	SS		TMS	1	17.0
ARAGON (HONDURAS)	HRDW	27,03	AN	MER	A	P	A	C	OS4		TMS	1	11.0
ARIAONE (LIBERIA)	5MGK	22	AN	MER	SL	P	SL	C	OS4		MS	1	17.0
ATLANTIC FOREST (NORWAY)	LMWF	13,14	AN	MER	A	P	A	C	OS4	A	TMS	1	17.0
ATLANTIS (GREECE)	SUCI		AN	MER	SL	P	SL	C	OS		TMS	4	23.0
BAUNE (NORWAY)	JWUJ	17	AN	MER	SL	P	SL	C	OS4		TMS	1	14.0
BELGRAND (GERMANY)	DGDB	23	AN	MER	SL	P	SL	C	SS		TMS	1	17.0
CARL SCHMEDEMAN (UNITED KINGDOM)	ZFQM	17	AN	MER	A	P	A	C	OS4		TMS	1	12.0
CHEVRON LIEGE (PANAMA)	HOYS	02	AN	MER	SL	P	SL	C	SS		TMS	1	18.0
CORANTIJN (NETHERLANDS)	PZAZ	17	AN	MER	SL	P	SL	C			TMS	1	12.0
CUYAMA VALLEY (LIBERIA)	5LWR	02	AN	MER	SL	P	SL	C	SS		MS	1	15.0
DAVID P REYNOLDS (LIBERIA)	5LKL	17	AN	MER	A	P	A	C	OS4		TMS	1	23.0
DONG MYUNG (KOREA)	6KCS	12,20	AN	MER	SL	P	SL	C	SS		MS	2	14.0
EUROFREIGHTER (UNITED KINGDOM)	GOUS	06	AN	MER	SL	P	SL	C	OS4		TMS	1	22.0
FELICE CAMICO (ITALY)	IBWF	02	AN	MER	SL	P	SL	C	SS		TMS	1	15.0
FERNLAKE (NORWAY)	JXNO	12,23	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
FRIBOURG (FRANCE)	FNYI	15	AN	MER	SL	P	SL	C	SS		TMS	1	15.0
GALILEO FERRARIS (ITALY)	ICGH	23	AN	MER	S	P	S	C	SS		TMS	1	16.0
HARRY LUNDEBERG (PANAMA)	HOTB	05,19	AN	MER	A	P	A	C	OS4		TMS	1	16.0
HELENE ROTH (GERMANY)	DJCK	06	AN	MER	SL	P	SL	C	OS4		TMS	1	17.0
HOEGH ELAN (NORWAY)	JXVW	20	AN	MER	SL	P	SL	C	SS		TMS	1	15.0
HONG KONG BEAUTY (LIBERIA)	ELFT	29	AN	MER	SL	P	SL	C	SS		TMS	1	17.0

## UNITED STATES OF AMERICA

HONGKONG CLIPPER (LIBERIA)	5MIC	21	AN	MER	SL	P	SL	C	SS		MS	1	15.0
HONGKONG TRUTH (LIBERIA)	ELIW	29	AN	MER	S	P	S	C	SS		TMS	1	14.0
ITALIA (ITALY)	IBIH	05	AN	MER	S	P	S	C	SS		TMS	3	15.0
J LOUIS (LIBERIA)	5MGC	10,17	AN	MER	SL	P	SL	C	OS4		TMS	1	14.0
LOUISE (PANAMA)	HPAI	17	AN	MER	A	P	A	C	OS4		TMS	1	17.0
MAHI (BAHAMAS)	ZFGU	19	AN	MER	A	P	A	C	OS4	A	T		8.0
NAESS SATURN (NORWAY)	JXUT	17	AN	MER	A	P	A	C	OS4		TMS	1	17.0
OCEANIC (PANAMA)	HOOE	07,10	AN	MER	SL	P	SL	C	SS		TMS	4	20.0
ORIENTAL RIO (CHINA)	BMHA	01	AN	MER	SL	P	SL	C	SS		TMS	2	18.0
PACIFIC (SWEDEN)	SGCA	23	AN	MER	SL	P	SL	C	SS			1	22.0
PACIFIC CARRIER (LIBERIA)	5LGS	03	AN	MER	SL	P	SL	C	OS4		TMS	1	20.0
PATIA (UNITED KINGDOM)	GNUR	02	AN	MER	SL	P	SL	C	OS4		TMS	1	10.0
PATUCA (UNITED KINGDOM)	GNUU	02	AN	MER	A	P	A	C	OS4		TMS	1	11.0
PHILLIPS KANSAS (LIBERIA)	5MPY	20	AN	MER	SL	P	SL	C	SS	A	TMS	1	18.0
PHILLIPS LOUISIANA (LIBERIA)	5MYE	20,21	AN	MER	SL	P	SL	C	SS	A	TMS	1	16.0
PHILLIPS TEXAS (LIBERIA)	5MHP	02	AN	MER	SL	P	SL	C	SS		TMS	1	18.0
POLAR ALASKA (LIBERIA)	5LEU	20	AN	MER	SL	P	SL	C	OS4		TMS	1	27.0
POLAR BRASIL (GERMANY)	DGBZ	02	AN	MER	SL	P	SL	C	SS		TMS	1	18.0
POLAR COLUMBIA (GERMANY)	DHPC	02	AN	MER	SL	P	SL	C	SS		TMS	1	15.0
POLARLICHT (GERMANY)	DNGV	21	AN	MER	SL	P	SL	C	SS		TMS	1	13.0
PRINCE OF FUNDY (SWEDEN)	SHGA	02	AN	MER	SL	P	SL	C	OS4		TMS	1	15.0
RICHARD (LIBERIA)	5LIK	17	AN	MER	A	P	A	C	OS4		TMS	1	14.0
SAN JUAN VOYAGER (LIBERIA)	5LUI	20	AN	MER	SL	P	SL	C	SS		TMS	1	25.0
STAR BAY (NORWAY)	JXPK	02	AN	MER	SL	P	SL	C	SS		TMS	1	17.0
SUAN (LIBERIA)	6ZFG	20	AN	ALC	S	P	S	C	SS		TMS	1	17.0
TENADORES (HONDURAS)	HRKC	02	AN	MER	SL	P	SL	C	SS		TMS	1	12.0
TETELA (HONDURAS)	HQBU	22	AN	MER	SL	P	SL	C	SS		TMS	1	13.0
THORSGAARD (NORWAY)	LALK	29	AN	MER	SL	P	SL	C	SS		TMS	1	14.0
UNION DEFENDER (LIBERIA)	6ZQM	12	AN	MER	SL	P	SL	C	SS		TMS	1	15.0
VEMA (PANAMA)	HPFC	02	AN	MER	SL	P	SL	C	OS4	XBT	TMS	1	17.0
VIET NAM THUONG TIN 1 (VIET NAM)	XVLG	12,20	AN	MER	SL	P	SL	C	SS		TMS	1	12.0

## UNITED STATES OF AMERICA

WEST BREEZE (UNITED KINGDOM)	ZEKS	01,02	AN	MER	SL	P	SL	C	OS4	TMS	1	15.0
Supplementary Ships												
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A N KEMP (LIBERIA)	ELCB	07,09	AN	MER	SL	P	SL	C		TMS	1	17.0
ACONCAGUA (CHILE)	CBAA	10,21	AN	MER	SL	P	SL	C		TMS	1	16.0
ACORES (PORTUGAL)	CSBA	07	AN	MER	SL	P	SL	C	SS	MS	1	16.0
ADONIS (NETHERLANDS)	PCDX	17	AN	ALC	S	P	S	C		TMS	1	11.0
AGUASCALIENTES (MEXICO)	XCAR	27	AN	MER	SL	P	SL	C		TMS	1	12.0
AHRENSBURG (GERMANY)	DIDA	02	AN	MER	SL	P	SL	C		TMS	1	13.0
AL AHAMADI (PAKISTAN)	AQMB	02	AN	MER	SL	P	SL	C		MS	1	17.0
AL HASAN (PAKISTAN)	AQVR	02	AN	MER	SL	P	SL	C		TMS	1	11.0
ALLUNGA (AUSTRALIA)	VLAA	29	AN	MER	SL	P	SL	C		TMS	1	27.0
AMERIKANIS (GREECE)	SXXE	04	AN	MER	SL	P	SL	C		TMS	3	20.0
AMOCO CREMONA (LIBERIA)	ELJU	02	AN	MER	S	P	S	C	SS	TMS	1	27.0
AMOCO TEXAS CITY (LIBERIA)	5LQT	02	AN	ALC	S	P	S	C		TMS	1	24.0
ANAHUAC II (MEXICO)	XCAU	02	AN	MER	SL	P	SL	C		TMS	1	11.0
ANCO SEA (NORWAY)	LAIY	02	AN	MER	SL	P	SL	C		TMS	1	16.0
ANCO SPAN (SWEDEN)	SHDN	12,28	AN	MER	SL	P	SL	C		TMS	1	17.0
ANCO SPUR (SWEDEN)	SMUA	02	AN	MER	SL	P	SL	C		TMS	1	17.0
ANCO STAR (NORWAY)	JWTQ	02	AN	ALC	S			C		TMS	1	14.0
ANCO STREAM (NORWAY)	LMJK	02	AN	MER	SL	P	SL	C		TMS	1	17.0
ANCO SWAN (NORWAY)	LLEO	02	AN	MER	SL	P	SL	C		TMS	1	17.0
ANCO VILLE (NORWAY)	JXGI	16,20	AN	MER	SL	P	SL	C		MS	1	16.0
ANDREA GRITTI (ITALY)	IGCK	14	AN	ALC	S	P	S	C		TMS	1	16.0
ANDREAS U (NORWAY)	LJDS	02	AN	MER	SL	P	SL	C		TMS	1	24.0
ANGELICA SCHULTE (GERMANY)	DAII	02	AN	MER	SL	P	SL	C		MS	1	15.0
ANITA THYSSEN (GERMANY)	DGXQ	02,06	AN	MER	SL	P	SL	C		MS	1	15.0
ANNA MARIA DAMICO (ITALY)	ICWH	23	AN	MER	SL	P	SL	C		TMS	1	13.0
ANNIE JOHNSON (SWEDEN)	SLFT	23	AN	MER	SL	P	SL	C		TMS	1	21.0
ANONACORE (GERMANY)	DNAC	01,02	AN	MER	SL	P	SL	C	SS	TMS	1	17.0
ANTIGUA (SWEDEN)	SIGP	02	AN	MER	SL	P	SL	C		TMS	1	15.0

## UNITED STATES OF AMERICA

ANTILOPE (SWEDEN)	SIFX	02	AN	MER	SL	P	SL	C	TMS	1	13.0	
ARAWAK (SWEDEN)	SDHT	02	AN	MER	SL	P	SL	C	TMS	1	13.0	
ARCHANGELOS (GREECE)	SVPG	02	AN	MER	SL	P	SL	C	MS	1	17.0	
ARCO COLOMBIA (LIBERIA)	6ZFL	02	AN	ALC	S	P	S	C	TMS	1	24.0	
ARCTIC TOKYO (LIBERIA)	5LJT	20	AN	MER	SL	P	SL	C	TMS	1	28.0	
ARGYLL (UNITED KINGDOM)	GHXR	02	AN	MER	SL	P	SL	C	TMS	1	16.0	
ARIZONA (SWEDEN)	SIPD	29	AN	MER	SL	P	SL	C	TMS	1	18.0	
ARNEB (NETHERLANDS)	PCUG	06	AN	MER	SL	P	SL	C	TMS	1	17.0	
ARTLENBURG (GERMANY)	DAGA	17,22	AN	MER	SL	P	SL	C	TMS	1	10.0	
ASA V CALL (LIBERIA)	5MEG	02	AN	MER	SL	P	SL	C	TMS	1	16.0	
ASIA MOMO (LIBERIA)	ELMT	02	AN	ALC	S	P	S	C	TMS	1	20.0	
ASTRID NAESS (NORWAY)	LDED	06,10	AN	MER	SL	P	SL	C	MS	1	18.0	
ATENAS (HONDURAS)	HRDL	27,10	AN	MER	SL	P	SL	C	TMS	1	11.0	
ATHOLL MCBEAN (LIBERIA)	ELBS	02	AN	MER	SL	P	SL	C	TMS	1	14.0	
ATITLAN (SWEDEN)	SLTI	22	AN	MER	SL	P	SL	C	TMS	1	13.0	
ATLANTIC BEDMUDIAN (UNITED KINGDOM)	GOWW	10	AN	MER	SL	P	SL	C	T	0	14.0	
ATLANTIC CHALLENGER (LIBERIA)	5MIR	09	AN	MER	SL	P	SL	C	MS	1	20.0	
ATLANTIC CLIPPER (PANAMA)	H05646	10	AN	MER	SL	P	SL	C	MS	1	17.0	
ATLANTIC COMET (NETHERLANDS)	PJJI	02	AN	MER	SL	P	SL	C	MS	1	17.0	
ATLANTIC COMPETITOR (LIBERIA)	5MJO	09	AN	MER	SL	P	SL	C	MS	1	17.0	
ATLANTIC EAGLE (LIBERIA)	5MRG	02	AN	MER	SL	P	SL	C	MS	1	17.0	
ATLANTIC FAITH (LIBERIA)	5MWY	12,17	AN	MER	SL	P	SL	C	TMS	1	12.0	
ATLANTIC FORWARDER (PANAMA)	H05644	11	AN	MER	SL	P	SL	C	T	0	12.0	
ATLANTIC INTREPID (LIBERIA)	5LOQ	02	AN	MER	SL	P	SL	C	OS	MS	1	17.0
ATLANTIC PEARL (LIBERIA)	5LOR	10,09	AN	MER	SL	P	SL	C	T	0	10.0	
ATLANTIC SHIPPER (PANAMA)	H05645	10	AN	MER	SL	P	SL	C	T		7.0	
ATLANTIC STAR (NETHERLANDS)	PCVK	02	AN	MER	SL	P	SL	C	MS	1	17.0	
ATLANTICA GENOVA (ITALY)	ICDR	06	AN	MER	SL	P	SL	C	OS	TMS	1	20.0
ATLANTICA LIVORNO (GERMANY)	OLCM	06	AN	MER	SL	P	SL	C	TMS	1	20.0	

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ATLANTIDE (SWEDEN)	SIDV	02	AN	MER	SL	P	SL	C		TMS	1	12.0
ATLAS PREMIER (KOREA)	6LYH	20	AN	MER	SL	P	SL	C		TMS	1	15.0
AVONFIELD (UNITED KINGDOM)	GYCK	20,29	AN	MER	SL	P	SL	C		TMS	1	17.0
AXEL U (NORWAY)	LLNW	02	AN	MER	SL	P	SL	C		TMS	1	18.0
AZTECA (MEXICO)	XCAH	13	AN	MER	SL	P	SL	C		TMS	1	18.0
BAKNES (UNITED KINGDOM)	GNOH	02	AN	MER	SL	P	SL	C		TMS	1	18.0
BALLADE (SWEDEN)	SIKD	22	AN	MER	SL	P	SL	C		TMS	1	14.0
BANAGRANDE (LIBERIA)	ELVR	02	AN	MER	SL	P	SL	C	A	TMS	1	13.0
BANGOR (NORWAY)	LMJE	13	AN	ALC	US	P	US	C		TMS	1	14.0
BARBARA JANE CONWAY (PANAMA)	HPZO	02	AN	MER	SL	P	SL	C		TM	1	30.0
BARBER MANGAN (GERMANY)	DANM	03,20	AN	MER	SL	P	SL	C		TMS	1	19.0
BARCAROLLE (SWEDEN)	SFAK	02	AN	MER	SL	P	SL	C		TMS	1	14.0
BAUMARE (NORWAY)	JWTZ	17	AN	MER	SL	P	SL	C		TMS	1	14.0
BAUTA (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	18.0
BAYNES (UNITED KINGDOM)	GYUJ	06,28	AN	MER	SL	P	SL	C		TMS	1	18.0
BEARINGCORE (GERMANY)	DAGU	01,02	AN	MER	SL	P	SL	C	SS	TMS	1	17.0
BEL HUDSON (UNITED KINGDOM)	GYVC	13	AN	ALC	S	P	S	C		TMS	1	16.0
BELLA MAERSK (DENMARK)	OVTM	02	AN	MER	SL	P	SL	C		TMS	1	18.0
BELO MUNDO (LIBERIA)	5LEN	20	AN	MER	SL	P	SL	C		TMS	1	21.0
BENADIR (ITALY)	ICKZ	02	AN	MER	SL	P	SL	C		TMS	1	14.0
BENJAMIN COATES (LIBERIA)	5MDW	02	AN	MER	SL	P	SL	C		MS	1	17.0
BERKSHIRE (UNITED KINGDOM)	GYZK	02	AN	MER	SL	P	SL	C		TMS	1	17.0
BIANCA (PANAMA)	HPGS	10	AN	MER	SL	P	SL	C		MS	1	17.0
BLANCA (NORWAY)	LMXG	06	AN	MER	S	P	S	C		TMS	1	14.0
BLUE MASTER (NORWAY)	LCSK	20,23	AN	MER	SL	P	SL	C		TMS	1	21.0
BOLNES (UNITED KINGDOM)	GTYU	02	AN	ALC	US			C		TMS	1	17.0
BORGESTAD (NORWAY)	LHFR	20	AN	MER	S	P	S	C		TMS	1	24.0
BORGILA (NORWAY)	LAEJ	02	AN	MER	SL	P	SL	C		TMS	1	26.0
BREIM (NORWAY)	JXPO	20,23	AN	MER	SL	P	SL	C		TMS	1	17.0
BREMERSAND (GERMANY)	DDJS	06	AN	MER	SL	P	SL	C		MS	0	17.0

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BRIGIT MAERSK (DENMARK)	OVSX	02	AN	MER	SL	P	SL	C		TMS	1	18.0
BRIMANGER (NORWAY)	JXLN	21	AN	MER	SL	P	SL	C		TMS	1	9.0
BRITISH MONARCH (UNITED KINGDOM)	GPLE	02	AN	MER	SL	P	SL	C		TMS	1	19.0
BRUNSHAUSEN (GERMANY)	DGWB	02	AN	MER	SL	P	SL	C		TMS	1	12.0
BRUNSHOEFT (GERMANY)	DAOB	10,17	AN	MER	SL	P	SL	C		TMS	1	11.0
BRYNJE (NORWAY)	JXBA	02	AN	MER	SL	P	SL	C		TMS	1	20.0
BURGO (PANAMA)	HOXA	02	AN	MER	S	P	S	C		TMS	1	6.0
BYFJORD (NORWAY)	JXLO	02	AN	MER	SL	P	SL	C	SS	TMS	1	13.0
CACIQUE YUNQUE (ARGENTINA)	LQWY	02	AN	MER	SL	P	SL	C		MS	1	17.0
CALAGARIBALDI (ITALY)	IBCF	02	AN	MER	SL	P	SL	C		MS	1	11.0
CALAVITTORIA (ITALY)	IBGV	02	AN	MER	SL	P	SL	C		MS	1	17.0
CAMPECHE (MEXICO)	XCCX	02	AN	MER	SL	P	SL	C		TMS	1	17.0
CAMPERO (ARGENTINA)	LQAQ	09	AN	MER	SL	P	SL	C	OS	MS	1	17.0
CAP CASTILLO (GERMANY)	DAFO	09	AN	MER	SL	P	SL	C		MS	1	17.0
CAP COLVILLE (DENMARK)	OUVY	29	AN	MER	SL	P	SL	C		TMS	1	18.0
CAP MATAPAN (GERMANY)	DICN	14,02	AN	MER	SL	P	SL	C		TMS	1	11.0
CAP NORTE (GERMANY)	DIKE	20	AN	MER	SL	P	SL	C	SS	TMS	1	15.0
CAPE HORN (UNITED KINGDOM)	GOUD	02	AN	ALC	US			C		TMS	1	21.0
CARCHESTER (LIBERIA)	ELCH	06	AN	MER	SL	P	SL	C		MS	1	17.0
CARIBBEAN ENTERPRISE (UNITED KINGDOM)	GYZE	10	AN	MER	SL	P	SL	C		MS	1	17.0
CARIBBEAN VENTURE (UNITED KINGDOM)	GYPW	10	AN	MER	SL	P	SL	C		MS	1	17.0
CARIBIA (SWITZERLAND)	HBLA	14	AN	MER	SL	P	SL	C		TMS	1	16.0
CARMEN (SWEDEN)	SMAI	23	AN	MER	SL	P	SL	C		TMS	1	17.0
CAROLYN E CONWAY (HONDURAS)	HPZK	02	AN	MER	SL	P	SL	C		MS	1	17.0
CARRILLO (HONDURAS)	HRYS	02	AN	MER	SL	P	SL	C		MS	1	17.0
CECILIE MAERSK (DENMARK)	OUWM	12,20	AN	MER	SL	P	SL	C		TMS	1	18.0
CEDROS PACIFIC (LIBERIA)	SLCB	20	AN	MER	SL	P	SL	C		TMS	1	20.0
CELERINA (SWITZERLAND)	HBDB	01	AN	ALC	S	P	S	C		MS	1	14.0
CELESTINO (BRAZIL)	PUBC	16	AN	ALC	US	P	US	C		TMS	1	13.0
CESARE CAMICO (ITALY)	ICDK	23	AN	MER	SL	P	SL	C		TMS	1	14.0
CHALLENGE (PANAMA)	HPKI	02	AN	MER	SL	P	SL	C		MS	1	17.0

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CHALLENGER (LIBERIA)	6ZLN	10,17	AN	MER	SL	P	SL	C	TMS	1	18.0
CHASTINE MAERSK (DENMARK)	OWCY	12,20	AN	MER	S	P	S	C	TMS	1	16.0
CHESHIRE (UNITED KINGDOM)	GYZJ	02	AN	MER	SL	P	SL	C	TMS	1	18.0
CHEVRON BRUSSELS (PANAMA)	HOHQ	02	AN	MER	SL	P	SL	C	TMS	1	15.0
CHEVRON FRANKFURT (LIBERIA)	ELDG	02	AN	MER	SL	P	SL	C	TMS	1	23.0
CHEVRON TRANSPORTER (LIBERIA)	ELBJ	10	AN	MER	SL	P	SL	C	MS	1	17.0
CHILEAN REEFER (DENMARK)	OXNY	02	AN	MER	US	P	US	C	TMS	1	13.0
CHUSCAL (UNITED KINGDOM)	GHJS	21	AN	MER	SL	P	SL	C	MS	1	17.0
CITADEL (SWEDEN)	SDIT	02	AN	MER	SL	P	SL	C	TMS	1	18.0
CITIZENS UNA (PANAMA)	HPYH	09,16,06	AN	MER	SL	P	SL	C	TMS	1	14.0
CITY OF BIRKENHEAD (UNITED KINGDOM)	GDLP	28	AN	MER	SL	P	SL	C	MS	1	17.0
CITY OF DUNDEE (UNITED KINGDOM)	GHML	02	AN	MER	SL	P	SL	C	MS	1	17.0
CIUDAD DE BARDUSIMETO (VENEZUELA)	YVDA	09	AN	MER	SL	P	SL	C	MS	1	17.0
CIUDAD DE BUCARAMANGA (COLOMBIA)	HJNJ	09	AN	MER	SL	P	SL	C	MS	1	17.0
CIUDAD DE CUCUTA (COLOMBIA)	HJNK	09	AN	MER	SL	P	SL	C	MS	1	17.0
CIUDAD DE CUMANA (VENEZUELA)	YVJI	09	AN	MER	SL	P	SL	C	TMS	1	17.0
CIUDAD DE GUAYAQUIL (ECUADOR)	HCCG	02	AN	MER	SL	P	SL	C	MS	1	17.0
CIUDAD DE MARACAIBO (VENEZUELA)	YVGA	09	AN	MER	SL	P	SL	C	TMS	1	17.0
CIUDAD DE NEIVA (COLOMBIA)	HJNN	02	AN	MER	SL	P	SL	C	MS	1	17.0
CIUDAD DE VALENCIA (VENEZUELA)	YVGH	09	AN	MER	SL	P	SL	C	TMS	1	17.0
CIUDAD DE SANTA MARTA (COLOMBIA)	HJNO	09	AN	MER	SL	P	SL	C	MS	1	17.0
CLARA MAERSK (DENMARK)	OWIK	02,20	AN	MER	SL	P	SL	C	TMS	1	17.0
CLEMENT (UNITED KINGDOM)	GCHR	02	AN	MER	SL	P	SL	C	MS	1	17.0
CLIFFORD MAERSK (DENMARK)	OXZH	02	AN	MER	SL	P	SL	C	TMS	1	18.0
COLUMBUS AMERICA (GERMANY)	DIU	01,02	AN	MER	SL	P	SL	C	TMS	1	17.0

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COMMODORE CHAS H SMITH (LIBERIA)	6ZJD	15	AN	MER	SL	P	SL	C		TMS	1	17.0	
CONCORDIA CAPO (NORWAY)	LMGJ	12	AN	MER	SL	P	SL	C		MS	1	17.0	
CONCORDIA FARO (NORWAY)	JXZL	04	AN	MER	SL	P	SL	C		MS	1	17.0	
CONCORDIA FOSS (NORWAY)	LKAD	07	AN	MER	SL	P	SL	C		MS	1	17.0	
CONCORDIA LAGO (NORWAY)	LLSK	07	AN	MER	SL	P	SL	C		MS	1	17.0	
CONCORDIA LORD (NORWAY)	JXLU	06	AN	MER	SL	P	SL	C		MS	1	17.0	
CONCORDIA MARGRETHE (NORWAY)	LJXV	07	AN	MER	SL	P	SL	C		MS	1	17.0	
CONCORDIA SKY (NORWAY)	LETP	07	AN	MER	SL	P	SL	C		MS	1	17.0	
CONCORDIA STAR (NORWAY)	LHUK	07	AN	MER	SL	P	SL	C		MS	1	17.0	
CONCORDIA SUN (NORWAY)	LDHR	07	AN	MER	SL	P	SL	C		MS	1	17.0	
CONCORDIA TADJ (NORWAY)	JUWB	07	AN	MER	SL	P	SL	C		MS	1	17.0	
CONCORDIA TALEB (NORWAY)	JXJY	07	AN	MER	SL	P	SL	C		MS	1	17.0	
CONCORDIA TAREK (NORWAY)	JXAK	07	AN	MER	SL	P	SL	C		MS	1	17.0	
CONCORDIA VIKING (NORWAY)	JXLQ	07	AN	MER	SL	P	SL	C		MS	1	17.0	
CONSOLIDATED VENTURE (LIBERIA)	ELJJ	20	AN	ALC	S	P	S	C	A	TMS	2	17.0	24.0
CONTESA (LIBERIA)	5MUZ	09,10	AN	MER	SL	P	SL	C		TMS	1	15.0	
CORALSTONE (LIBERIA)	5MFM	23	AN	MER	SL	P	SL	C		TMS	1	17.0	
CORNELIA MAERSK (DENMARK)	OVPU	04,06,20	AN	MER	SL	P	SL	C		MS	1	17.0	
CORNEVILLE (NORWAY)	LATO	07	AN	MER	SL	P	SL	C		MS	1	17.0	
COSMOS ELTANIN (LIBERIA)	5LRG	02	AN	ALC	S	P	S	C		TMS	1	18.0	
COSTA RICA (NICARAGUA)	YNCR	21	AN	MER	SL	P	SL	C		MS	1	17.0	
CRISTINA D AMICO (ITALY)	ICNT	10	AN	MER	SL	P	SL	C	SS	MS	1	15.0	
CUAUHTEMOC (MEXICO)	XCCT	02,05	AN	ALC	S	P	S	C		TMS	1	18.0	
CURACO MARU (JAPAN)	JAXO	20	AN	MER	SL	P	SL	C		MS	1	17.0	
CUTHBERT (UNITED KINGDOM)	GJGE	09	AN	MER	SL	P	SL	C		MS	1	17.0	
CUYAHOGA (NORWAY)	LAKP	13	AN	MER	US			C		TMS	1	14.0	
DALILA (BRAZIL)	PPAX	09	AN	MER	SL	P	SL	C		MS	1	17.0	
DAPHNIS (NETHERLANDS)	PDNM	16	AN	MER	SL	P	SL	C		TMS	1	11.0	
DAVID SALMAN (SWEDEN)	SHMR	19	AN	MER	SL	P	SL	C		TMS	1	12.0	
DERWENTFIELD (UNITED KINGDOM)	GWYA	20	AN	MER	SL	P	SL	C		TMS	1	17.0	
DIANA (BRAZIL)	PPBP	09	AN	MER	SL	P	SL	C		MS	1	17.0	

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DICTO (NORWAY)	LFQN	20	AN	MER	SL	P	SL	C		TMS	1	17.0
DJATIBARU (INDONESIA)	PKZI	01,02	AN	MER	SL	P	SL	C		TMS	1	15.0
DJATIPRANA (NORWAY)	JXNJ	02,01	AN	MER	SL	P	SL	C		TMS	1	15.0
DOMINICA MARU (JAPAN)	JJKE	12	AN	ALC	S	P	S	C		TMS	1	14.0
DONGA (UNITED KINGDOM)	GGHH	02	AN	ALC	US					TMS	1	14.0
DOROTHEA BOLTEN (GERMANY)	DGKD	13	AN	MER	SL	P	SL	C		TMS	1	12.0
DOROTHY ANN (LIBERIA)	5MJP	02	AN	MER	SL	P	SL	C		TMS	1	18.0
DOVER MARU (JAPAN)	JMVG	20	AN	MER	SL	P	SL	C	OS	MS	1	17.0
E J MCCLANAHAN (LIBERIA)	5LCF	02	AN	MER	SL	P	SL	C		TMS	1	14.0
E YUNG (CHINA)	BMDE	03,01	AN	MER	SL	P	SL	C		MS	1	17.0
EASTERN BUILDER (LIBERIA)	6ZRY	02	AN	MER	SL	P	SL	C		TMS	1	16.0
EASTERN FREEDOM (UNITED KINGDOM)	GXLH	02	AN	MER	SL	P	SL	C		TMS	1	20.0
EDNA N CONWAY (PANAMA)	HPZN	09	AN	MER	SL	P	SL	C		MS	1	17.0
EDWARD L STEINIGER (LIBERIA)	5LVL	02	AN	ALC	S	P	S	C		TMS	1	24.0
EFFIE MAERSK (DENMARK)	OUNJ	12,20	AN	MER	SL	P	SL	C		TMS	1	14.0
EGDA (NORWAY)	JWOT	02	AN	MER	SL	P	SL	C		TMS	1	15.0
EL MEXICANO (MEXICO)	XCEM	20,21	AN	MER	SL	P	SL	C		TMS	1	17.0
EL PAMPERO (LIBERIA)	ELDW	02	AN	MER	SL	P	SL	C		TMS	1	18.0
ELAZIG (TURKEY)	TCAS	02	AN	MER	SL	P	SL	C		MS	1	17.0
ELBELAND (GERMANY)	DERL	08,15	AN	MER	SL	P	SL	C		TMS	1	15.0
ELIN HORN (NORWAY)	LNLN	10,17	AN	MER	SL	P	SL	C		TMS	1	16.0
ELISABETH BOLTEN (GERMANY)	DAEB	23	AN	MER	SL	P	SL	C		TMS	1	21.0
ELMER R PETERSON (LIBERIA)	5MWS	23	AN	MER	SL	P	SL	C		TMS	1	18.0
EMS ORE (LIBERIA)	5MCO	13	AN	MER	SL	P	SL	C		TMS	1	13.0
ENRICO DANDOLO (ITALY)	ICAE	06,13,14	AN	ALC	US	P	US	C		TMS	1	13.0
ERIDGE (UNITED KINGDOM)	GRYG	02	AN	MER	SL	P	SL	C		TMS	1	24.0
ERNA OLDENDORFF (GERMANY)	DKNB	02	AN	MER	SL	P	SL	C		MS	1	17.0
ERWIN SCHRODER (GERMANY)	DGFS	02	AN	MER	SL	P	SL	C	XBT	MS	1	17.0
ESCHERSHEIM (GERMANY)	DEHI	13,17	AN	MER	SL	P	SL	C		TMS	1	18.0
ESSEX TRADER (UNITED KINGDOM)	GYMW	02	AN	MER	SL	P	SL	C		MS	1	17.0

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ESSO AALBORG (NETHERLANDS)	OXNX	02	AN	MER	SL	P	SL	C		MS	1	17.0	
ESSO ARUBA (PANAMA)	HOXU	09	AN	MER	SL	P	SL	C		MS	1	17.0	
ESSO BRUSSELS (BELGIUM)	ONET	06,09	AN	MER	SL	P	SL	C		MS	1	17.0	
ESSO HAMBURG (GERMANY)	DIKA	09	AN	MER	SL	P	SL	C		MS	1	17.0	
ESSO HONDURAS (PANAMA)	HPOU	10	AN	MER	SL	P	SL	C		TMS	1	16.0	
ESSO KOBE (PANAMA)	HPHB	07,14	AN	ALC	S	P	S	C		TMS	1	14.0	
ESSO KOLN (GERMANY)	DAML	02	AN	MER	SL	P	SL	C		TMS	1	18.0	
ESSO LINCOLN (UNITED KINGDOM)	GHZN	10	MER	MER	SL	P	SL	C		MS	1	17.0	
ESSO NICARAGUA (PANAMA)	HPOT	09	AN	MER	SL	P	SL	C		MS	1	17.0	
ESSO PUERTO RICO (PANAMA)	HPMQ	04,10	AN	MER	SL	P	SL	C	A	TMS	1	15.0	20.0
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	12.0	
EVER SUCCESS (LIBERIA)	5LIQ	12	AN	MER	S	P	S	C		TMS	1	17.0	
FAIRSEA (LIBERIA)	ELMQ	05,17	AN	MER	S	P	S	C		TMS	3	20.0	
FAIRSTAR (LIBERIA)	5MXH	01	AN	ALC	S	P	S	C	SS	TMS	3	21.0	
FALCONERA (LIBERIA)	6ZKG	02	AN	MER	SL	P	SL	C		MS	1	17.0	
FALSTRIA (DENMARK)	OYBG	23	AN	MER	SL	P	SL	C		TMS	1	24.0	
FARMSUM (NETHERLANDS)	PJKS	02	AN	MER	SL	P	SL	C		TMS	1	19.0	
FAVORITA (LIBERIA)	5LIO	02	AN	MER	SL	P	SL	C		TMS	1	16.0	
FEDERAL NAGARA (LIBERIA)	ELJX	12	AN	ALC	S	P	S	C		TMS	1	17.0	
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	
FERNCAPE (NORWAY)	JXWI	02	AN	MER	SL	P	SL	C		TMS	1	16.0	
FERNCLIFF (NORWAY)	LATL	12,20	AN	MER	SL	P	SL	C		TMS	1	16.0	
FERNDALE (NORWAY)	LLVZ	06,13,23	AN	MER	SL	P	SL	C		TMS	1	18.0	
FERNFIELD (NORWAY)	LNXF	23	AN	MER	SL	P	SL	C		TMS	1	17.0	
FERNGROVE (NORWAY)	LASE	23	AN	MER	SL	P	SL	C		TMS	1	18.0	
FERNGULF (NORWAY)	LNSQ	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	
FERNSIDE (NORWAY)	LMTX	02	AN	MER	SL	P	SL	C		TMS	1	20.0	
FERNSPRING (NORWAY)	LLDB	01,02	AN	MER	SL	P	SL	C		MS	1	15.0	
FERNSTATE (NORWAY)	JWYQ	12,20	AN	MER	SL	P	SL	C		TMS	1	15.0	
FERNWIND (NORWAY)	JXVP	12	AN	MER	SL	P	SL	C		TMS	1	15.0	

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FERNWOOD (NORWAY)	LAZF	02	AN	MER	SL	P	SL	C		MS	1	17.0		
FINN BOSTON (FINLAND)	OGKM	02	AN	MER	SL	P	SL	C		MS	1	17.0		
FINN CLIPPER (FINLAND)	OGGB	02	AN	MER	SL	P	SL	C		MS	1	17.0		
FINN HAWK (FINLAND)	OGKN	02	AN	MER	SL	P	SL	C		MS	1	17.0		
FINNARROW (FINLAND)	OGKO	13,06	AN	ALC	US	P	US	C		TMS	1	13.0		
FINNBOARD (FINLAND)	OFYM	02	AN	MER	SL	P	SL	C		MS	1	17.0		
FIRAT (TURKEY)	TCWK	06,07	AN	MER	SL	P	SL	C		TMS	1	15.0		
FLORIA (SWEDEN)	SDXA	07	AN	MER	SL	P	SL	C		MS	1	17.0		
FOSSANGER (NORWAY)	LAOH	02	AN	MER	SL	P	SL	C		TMS	1	18.0		
FOSSHEIM (NORWAY)	LDZB	02	AN	MER	SL	P	SL	C		MS	1	17.0		
FRANCESCO MOROSINI (ITALY)	IBWJ	14	AN	MER	SL	P	SL	C		TMS	1	12.0		
FROSTA (NORWAY)	JXLS	13	AN	MER	SL	P	SL	C		TMS	1	14.0		
GAGE LUND (LIBERIA)	ELER	02	AN	MER	SL	P	SL	C		TMS	1	20.0		
GAUCHO LAGUNA (ARGENTINA)	LQGM	02	AN	MER	SL	P	SL	C		TMS	1	16.0		
GEH YUNG (CHINA)	BMDM	20	AN	ALC	S	P	S	C	SS	MS	2	14.0		
GEMSTONE (LIBERIA)	6ZOH	23	AN	MER	SL	P	SL	C		TMS	1	14.0		
GEN AGUINALDO (PHILIPPINES)	DUIK	03	AN	MER	SL	P	SL	C		MS	1	20.0		
GEN. Z DOGAN (TURKEY)	TCVV	07	AN	MER	SL	P	SL	C	OS	A	TMS	1	17.0	21.0
GENERAL A F CEBESoy (TURKEY)	TCBB	07,14	AN	MER	SL	P	SL	C		TMS	1	14.0		
GENERAL R. GUMUSPALA (TURKEY)	TCBH2	07	AN	MER	SL	P	SL	C	SS	TMS	1	17.0		
GEORGE A DAVIDSON (LIBERIA)	5MBD	02	AN	MER	SL	P	SL	C		TMS	1			
GEORGE L PARKHURST (LIBERIA)	5MFB	02	AN	MER	SL	P	SL	C		TMS	1	11.0		
GEORGIANA (LIBERIA)	ELHR	20	AN	ALC	S	P	S	C	A	TMS	2	20.0	27.0	
GERDT OLDENDORFF (GERMANY)	DKCM	01	AN	MER	SL	P	SL	C		TMS	1	12.0		
GERNIC (NORWAY)	LMDY	06	AN	MER	SL	P	SL	C		MS	1	17.0		
GIOVANNI GUEIROLO (ITALY)	IBOT	14,15	AN	ALC	S	H	S	C		TMS	1	14.0		
GIOVE (ITALY)	IBGY	14	AN	MER	SL	P	SL	C		TMS	1	14.0		
GIUANIN FASSIO (ITALY)	ICTV	07	AN	MER	SL	P	SL	C		MS	1	17.0		
GIULIO CESARE (ITALY)	ICAV	02	AN	MER	SL	P	SL	C		MS	1	17.0		

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GLADSTONE STAR (UNITED KINGDOM)	GCJH	02	AN	MER	SL	P	SL	C		MS	1	17.0	
GOLAR BORG (NORWAY)	LLBT	02	AN	ALC	US			C		TMS	1	17.0	
GOLAR FREEZE (LIBERIA)	ELSP	02	AN	MER	SL	P	SL	C		MS	1	17.0	
GOLAR FRUIT (LIBERIA)	6ZFX	02	AN	MER	SL	P	SL	C		MS	1	17.0	
GOLAR TRYG (NORWAY)	LALJ	02	AN	MER	SL	P	SL	C		MS	1	17.0	
GOLDSTONE (LIBERIA)	6ZOG	23	AN	MER	SL	P	SL	C		MS	1	14.0	
GRAN RIO (NETHERLANDS)	PZAN	17	AN	MER	SL	P	SL	C		TM	1	7.0	
GRAZIELLA ZETA (ITALY)	ICJZ	29	AN	MER	SL	P	SL	C		TMS	1	9.0	
GRETCHEN ISLE (GERMANY)	DKRZ	10	AN	MER	SL	P	SL	C		T	0	13.0	
GRETE SKOU (DENMARK)	OXRR		AN	MER	A	P	A	C		TMS	1	13.0	
GRIMLAND (SWEDEN)	SIMF	02	AN	MER	SL	P	SL	C		TMS	1	19.0	
GUADALUPE (SPAIN)	EADM	04	AN	MER	SL	P	SL	C		MS	4	17.0	
GUARICO (VENEZUELA)	YVFX	09	AN	MER	SL	P	SL	C		MS	1	17.0	
GUNDA BROVIG (NORWAY)	LNGJ	02	AN	MER	SL	P	SL	C		TMS	1	18.0	
GUNDULIC (YUGOSLAVIA)	YTMG	06	AN	MER	SL	P	SL	C		MS	1	17.0	
GUTENFELS (GERMANY)	DCAQ	07	AN	MER	SL	P	SL	C		MS	1	20.0	
HAI MOU (CHINA)	BFHN	12	AN	ALC	S	P	S	C	A	TMS	2	17.0	26.0
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	15.0	
HAI YEH (CHINA)	BFHO	12	AN	ALC	S	P	S	C		TMS	2	17.0	
HAR RAMON (ISRAEL)	4XSL	02	AN	MER	SL	P	SL	C		MS	1	17.0	
HARMONY (LIBERIA)	5MAY	10	AN	MER	SL	P	SL	C		MS	1	17.0	
HAVJO (NORWAY)	LAWZ	06,07	AN	MER	SL	P	SL	C		TMS	1	15.0	
HAVLOM (NORWAY)	JXOV	07,06	AN	MER	SL	P	SL	C		TMS	1	17.0	
HAVSKAR (NORWAY)	JXLR	06	AN	MER	SL	P	SL	C		MS	1	17.0	
HAVSUL (NORWAY)	JXFT	06,07	AN	MER	SL	P	SL	C		TMS	1	17.0	
HAVTJELD (NORWAY)	JXRZ	06	AN	MER	SL	P	SL	C		TMS	1	15.0	
HAVTROLL (NORWAY)	LAUA	06	AN	MER	SL	P	SL	C		TMS	1	14.0	
HELEN (LIBERIA)	6ZYJ	02	AN	MER	SL	P	SL	C		TMS	1	18.0	
HELLENIC LEADER (GREECE)	SWXH	06	AN	MER	SL	P	SL	C		TMS	1	17.0	
HELLENIC SAILOR (GREECE)	SWIJ	06	AN	MER	SL	P	SL	C		MS	1	17.0	
HELLENIC TORCH (GREECE)	SVFQ	06	AN	MER	SL	P	SL	C		MS	1	17.0	
HELMA ENTZ (GERMANY)	DKFT	17,07	AN	MER	SL	P	SL	C	SS	TMS	1	16.0	
HISPANIOLA (SWEDEN)	SLNT	02	AN	MER	SL	P	SL	C		MS	1	17.0	

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HITRA (NORWAY)	JXNH	13	AN	MER	SL	P	SL	C		TMS	1	17.0	
HOEGH MERCHANT (NORWAY)	LGNR	23	AN	ALC	S	P	S	C	A	TMS	1	18.0	26.0
HOEGH MERIT (NORWAY)	LHYI	02	AN	MER	SL	P	SL	C		TMS	1	14.0	
HOEGH MINERVA (NORWAY)	LGQX	02	AN	MER	SL	P	SL	C		TMS	1	24.0	
HOEGH MIRANDA (NORWAY)	LHYE	02	AN	MER	SL	P	SL	C		TMS	1	18.0	
HOEGH MISTRAL (NORWAY)	LKKB	23	AN	MER	SL	P	SL	C		TMS	1	21.0	
HOEGH MUSKETEER (NORWAY)	LJVT	02	AN	MER	SL	P	SL	C		TMS	1	17.0	
HOEGH PILOT (NORWAY)	LLBP	01	AN	MER	SL	P	SL	C		TMS	1	12.0	
HOEGH TRADER (NORWAY)	LKHE	23	AN	MER	SL	P	SL	C		TMS	1	26.0	
HOEGH TRANSPORTER (NORWAY)	LMUO	23	AN	MER	SL	P	SL	C		TMS	1	27.0	
HOLTHAV (NORWAY)	JWTU	29	AN	MER	SL	P	SL	C		TM	1	15.0	
HOMERIC (PANAMA)	HPHY	02,04	AN	MER	SL	P	SL	C		TMS	4	20.0	
HONGKONG IMPORTER (UNITED KINGDOM)	ZFPA	03,20	MER	MER	SL	P	SL	C		MS	1	17.0	
HONGKONG MARINER (LIBERIA)	5MKB	12	AN	MER	SL	P	SL	C		MS	1	14.0	
HONGKONG MERCHANT (LIBERIA)	6CZM	03,20	AN	MER	SL	P	SL	C		MS	1	17.0	
HONGKONG PRODUCER (CHINA)	5MKH	03,20	AN	MER	SL	P	SL	C		MS	1	17.0	
HONGKONG SURETY (LIBERIA)	ELHZ	02	AN	MER	S	P	S	C		TMS	1	15.0	
HONGKONG WEAVER (UNITED KINGDOM)	ZFJV	20	AN	MER	SL	P	SL	C		MS	1	14.0	
HORIZON (LIBERIA)	ELSG	02	AN	MER	SL	P	SL	C		TMS	1	18.0	
HOSANGER (NORWAY)	JWZA	21	AN	MER	SL	P	SL	C		TMS	1	14.0	
HOTHER ISLE (LIBERIA)	5LDL	02,06	AN	MER	SL	P	SL	C		MS	1	17.0	
HOWARD G VESPER (LIBERIA)	6ZOD	02	AN	MER	SL	P	SL	C		TMS	1	19.0	
I YUNG (CHINA)	BMDR	02	AN	MER	SL	P	SL	C		MS	1	22.0	
IBERIA (GERMANY)	DIKI	12	AN	MER	SL	P	SL	C		TMS	1	14.0	
IGUAPE (LIBERIA)	5LAJ	20	AN	MER	SL	P	SL	C		TMS	1	19.0	
ILIADE (LIBERIA)	ELQP	01,02	AN	MER	SL	P	SL	C		TMS	1	14.0	
IMPERIAL II (CHILE)	CBIP	02	AN	MER	SL	P	SL	C		MS	1	17.0	
IOANNA (GREECE)	SXYP	02	AN	MER	SL	P	SL	C		MS	1	17.0	
IONIAN LEADER (LIBERIA)	6ZXL	02	AN	ALC	US	P	US	C		TMS	1	18.0	
IONIAN PIONEER (LIBERIA)	6ZWA	02	AN	MER	SL	P	SL	C		TMS	1	18.0	

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IRISH ELM (IRELAND)	EIWT	02	AN	MER	SL	P	SL	C	TMS	1	21.0
IRISH SYCAMORE (IRELAND)	EITG	02	AN	MER	SL	P	SL	C	TMS	1	16.0
ITALIAN REEFER (DENMARK)	OYJH	02	AN	MER	S	P	S	C	TMS	1	18.0
J E GOSLINE (LIBERIA)	6ZRC	01	AN	MER	SL	P	SL	C	TMS	1	19.0
JACARA (NORWAY)	LNME	02	AN	MER	SL	P	SL	C	TMS	1	17.0
JAG ANAND (INDIA)	ATCU	02	AN	MER	SL	P	SL	C	TMS	1	18.0
JAGONA (NORWAY)	JXMC	20,23	AN	MER	SL	P	SL	C	TMS	1	18.0
JALADHAN (INDIA)	VWFQ	04,08,02	AN	MER	SL	P	SL	C	MS	1	17.0
JALADHANYA (INDIA)	VWFW	04,08,02	AN	MER	SL	P	SL	C	MS	1	17.0
JALADUHITA (INDIA)	VWMV	04,08,02	AN	MER	SL	P	SL	C	MS	1	17.0
JALAKALA (INDIA)	JWRX	04,08,02	AN	MER	SL	P	SL	C	MS	1	17.0
JALAKANTA (INDIA)	VWVP	04,08,02	MER	MER	SL	P	SL	C	MS	1	17.0
JALANTA (NORWAY)	LDAY	02	AN	MER	SL	P	SL	C	TMS	1	17.0
JALAPA (MEXICO)	XCJC	10	AN	MER	SL	P	SL	C	TMS	1	15.0
JANECKE MAERSK (DENMARK)	OZMS	02	AN	MER	SL	P	SL	C	MS	1	20.0
JANITA (NORWAY)	LNON	02	AN	MER	SL	P	SL	C	MS	1	20.0
JANNETTA (NORWAY)	JWWG	13	AN	MER	SL	P	SL	C	TM	1	16.0
JANOVA (NORWAY)	LNMQ	02	AN	ALC	S	P	S		TMS	0	20.0
JAPAN CAOBO (LIBERIA)	5MKV	17,20	AN	ALC	S	P	S	C	TMS	1	17.0
JARICHA (NORWAY)	JXSU	02	AN	MER	SL	P	SL	C	MS	1	17.0
JASAKA (NORWAY)	LKHJ	02	AN	MER	SL	P	SL	C	TMS	1	17.0
JASMINE (NETHERLANDS)	PJNA	02	AN	MER	SL	P	SL	C	MS	1	13.0
JAWAGA (NORWAY)	LGVD	23	AN	MER	SL	P	SL	C	TMS	1	15.0
JEANINE (NORWAY)	LCIF	04,06	AN	ALC	US	P	US	C	TMS	1	14.0
JESPER MAERSK (DENMARK)	OYQF	12,20	AN	MER	SL	P	SL	C	TMS	1	14.0
JIN DUEK (KOREA)	6KCV	02	AN	MER	SL	P	SL	C	TMS	1	15.0
JINKO MARU (JAPAN)	JPWO	20	AN	MER	SL	P	SL	C	MS	1	17.0
JOBST OLENDORFF (GERMANY)	DKNG	06	AN	MER	SL	P	SL	C	MS	1	12.0
JOHAN U (NORWAY)	LISO	20	AN	MER	SL	P	SL	C	TMS	1	15.0
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	0	14.0
JOHN AUGUSTS ESSBERGE (GERMANY)	DAPU	02	AN	MER	S	P	S	C	TMS	1	9.0

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JOHS STOVE (NORWAY)	JXSM	02	AN	ALC	US					TMS	1	15.0
JOSEPH P GRACE (LIBERIA)	6ZCD	13,17	AN	MER	SL	P	SL	C		TMS	1	14.0
JUDITH ANN (LIBERIA)	5LXR	20	AN	ALC	S	P	S	C		TMS	1	15.0
JURKO TOPIC (LIBERIA)	5LAZ	02	AN	MER	SL	P	SL	C		TMS	1	15.0
K H CRANDALL (LIBERIA)	6ZHS	02	AN	MER	S	H	S	C		TMS	1	16.0
KANDENFELS (GERMANY)	DEER	02	AN	MER	SL	P	SL	C	OS	MS	1	17.0
KATRINA (LIBERIA)	5LDN	20	AN	MER	S	P	S	C		TMS	1	18.0
KENAI PENINSULA (LIBERIA)	5LYL	02	AN	MER	SL	P	SL	C		MS	1	15.0
KERSTIN (SWEDEN)	SKBT	12	AN	MER	SL	P	SL	C		MS	1	17.0
KETTY (PANAMA)	HPRB	10	AN	MER	SL	P	SL	C		MS	1	17.0
KHIAN SUN (GREECE)	SIYI	20	AN	MER	SL	P	SL	C		TMS	1	15.0
KINGSVILLE (NORWAY)	LAUS	12,20	AN	MER	SL	P	SL	C		TMS	1	16.0
KONSUL RETZLAFF (GREECE)	DEAR	01	AN	MER	SL	P	SL	C		MS	1	17.0
KOREA RAINBOW (KOREA)	6LOD	20	AN	ALC	S	P	S	C		TMS	1	20.0
KOREAN EXPORTER (KOREA)	6LRH	12,20	AN	MER	SL	P	SL	C		TMS	1	15.0
KOREAN FRONTIER (KOREA)	6LJA	02	AN	MER	SL	P	SL	C		TMS	1	18.0
KOREAN PIONEER (KOREA)	6LIZ	12,20	AN	MER	SL	P	SL	C	A	TMS	2	16.0
KOREAN TRADER (KOREA)	6LRG	03,20	AN	MER	S	P	S	C		TMS	2	16.0
KOSMAS M (GREECE)	SWZW	02	AN	MER	SL	P	SL	C		MS	1	17.0
KRPAN (YUGOSLAVIA)	YTMN	02	AN	MER	SL	P	SL	C		MS	1	17.0
KUMSONG (KOREA)	6LAQ	20	AN	MER	S	P	S	C		TMS	1	20.0
LA PINTADA (LIBERIA)	6ZMS	06,07	AN	MER	SL	P	SL	C		MS	1	15.0
LADY SOPHIE (NETHERLANDS)	PJNF	01	AN	MER	SL	P	SL	C	OS	MS	1	17.0
LAGOS SUPERIOR (PANAMA)	HPGQ	13,16	AN	MER	S	P	S	C		MS	1	10.0
LAKE BOSOMTWE (GHANA)	9GTI	08,15	AN	MER	SL	P	SL	C	SS	TMS	1	16.0
LAKE EYRE (SWEDEN)	SFYE	28	AN	MER	SL	P	SL	C		TMS	1	13.0
LAKE PALOURDE (LIBERIA)	5LZJ	20	AN	MER	SL	P	SL	C		MS	1	20.0
LAURITA (NORWAY)	LKWN	06	AN	MER	SL	P	SL	C		MS	1	17.0
LAUST MAERSK (DENMARK)	OYVY	12,20	AN	MER	SL	P	SL	C		TMS	1	13.0
LAZZARO MOCENIGO (ITALY)	IBLY	14	AN	ALC	VS	P	VS	C		MS	1	14.0
LEANNA (GERMANY)	DNKO	02	AN	MER	SL	P	SL	C		MS	1	14.0
LEDA MAERSK (DENMARK)	OWEC	02	AN	MER	SL	P	SL	C		TMS	1	14.0
LEMPA (HONDURAS)	HRMV	02	AN	MER	A	P	A	C		TMS	1	9.0

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LEON (HONDURAS)	HRZI	02	AN	MER	SL	P	SL	C	TMS	1	9.0	
LEXA MAERSK (DENMARK)	OWGW	12,20	AN	MER	SL	P	SL	C	TMS	1	14.0	
LIBREVILLE (NORWAY)	LATW	07	AN	MER	SL	P	SL	C	MS	1	17.0	
LICA MAERSK (DENMARK)	OUIS	12,20	AN	MER	SL	P	SL	C	TMS	1	13.0	
LISSY SCHULTE (GERMANY)	DINW	04	AN	MER	SL	P	SL	C	MS	1	17.0	
LODESTONE (LIBERIA)	5LZC	23	AN	MER	SL	P	SL	C	TMS	1	20.0	
LOHENGRIN (GERMANY)	DDUW	02	AN	MER	SL	P	SL	C	MS	1	17.0	
LOIDA (LIBERIA)	6HZY	02	AN	MER	SL	P	SL	C	MS	1	17.0	
LOIDE ARGENTINE (BRAZIL)	PUDX	09	AN	MER	SL	P	SL	C	MS	1	17.0	
LOIDE EQUADOR (BRAZIL)	PUDR	02	AN	MER	SL	P	SL	C	MS	1	17.0	
LONDON ADVOCATE (UNITED KINGDOM)	GLVH	14	AN	MER	SL	P	SL	C	MS	1	17.0	
LONDON BANKER (UNITED KINGDOM)	GLWU	01	AN	MER	SL	P	SL	C	TMS	1	15.0	
LONDON CRAFTSMAN (UNITED KINGDOM)	GLYA	02	AN	MER	SL	P	SL	C	TMS	1	13.0	
LONDON STATESMAN (UNITED KINGDOM)	GLPA	02	AN	MER	SL	P	SL	C	MS	1	17.0	
LONG CHARITY (NORWAY)	LJYO	23	AN	MER	SL	P	SL	C	TMS	1	19.0	
LOUIS MAERSK (DENMARK)	OVRO	02	AN	MER	SL	P	SL	C	TMS	1	23.0	
LUDOGORETZ (BULGARIA)	LZHK	20	AN	MER	SL	P	SL	C	TMS	1	18.0	
LUIGI DAMICO (ITALY)	ICIL	02	AN	MER	SL	P	SL	C	TMS	1	18.0	
M P GRACE (LIBERIA)	ELBG	13	AN	MER	SL	P	SL	C	TMS	1	15.0	
MAGDALENA REITH (GERMANY)	DAQK	04	AN	MER	SL	P	SL	C	MS	1	17.0	
MAGLEBY MAERSK (DENMARK)	OWPQ	02	AN	MER	SL	P	SL	C	TMS	1	14.0	
MAHSUD (UNITED KINGDOM)	GYMT	12	AN	MER	SL	P	SL	C	TMS	1	15.0	
MAI BENITE (NORWAY)	JXWX	01	AN	MER	SL	P	SL	C	MS	1	17.0	
MAJURC (PANAMA)	HPEX	25	AN	MER	A	P	A	C	MS	1	12.0	
MANCHESTER FAITH (UNITED KINGDOM)	GBHN	02	AN	MER	SL	P	SL	C	OS	MS	1	17.0
MANCHESTER FAME (UNITED KINGDOM)	GDWU	04	AN	MER	SL	P	SL	C	OS	MS	1	17.0
MANDARIN (LIBERIA)	ELEF	12	AN	ALC	S	H	S	C	TMS	1	17.0	
MAR CANTABRICO (SPAIN)	EFAK	13	AN	ALC	VS	P	VS	C	TMS	1	16.0	
MARCONAFLO MERCHANT (LIBERIA)	5LXK	20,21	AN	MER	SL	P	SL	C	MS	1	19.0	
MARE ARABICO (ITALY)	ICXW	02	AN	MER	SL	P	SL	C	MS	1	17.0	

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MARE ITALICO (ITALY)	ICVT	21	AN	MER	SL	P	SL	C	SS	TMS	1	13.0
MAREN MAERSK (DENMARK)	OYQQ	12,20	AN	MER	SL	P	SL	C		TMS	1	13.0
MAREN SKOU (DENMARK)	OZFO	16	AN	MER	SL	P	SL	C		TMS	1	12.0
MARGARET JOHNSON (SWEDEN)	SHGT	23	AN	MER	SL	P	SL	C		TMS	1	24.0
MARGARITA (NORWAY)	JXQB	06,13	AN	ALC	US			C		TMS	1	14.0
MARIA CARLA DAMICO (ITALY)	IBCD	23	AN	MER	SL	P	SL	C		TMS	1	13.0
MARIKA VENIZELOS (LIBERIA)	ELOM	02	AN	MER	SL	P	SL	C		MS	1	17.0
MARIT MAERSK (DENMARK)	OXUY	12,20	AN	MER	SL	P	SL	C		TMS	1	14.0
MARITIME BRILLIANCE (LIBERIA)	5MLF	12,27	AN	MER	SL	P	SL	C		TMS	1	20.0
MARITIME DOMINION (LIBERIA)	5MWF	01,02	AN	MER	SL	P	SL	C	A	TMS	1	20.0
MARITIME GLORY (PANAMA)	HPAF	02	AN	MER	SL	P	SL	C		TMS	1	18.0
MARITIME LEADER (PANAMA)	HOGM	12	AN	MER	A	P	A	C		MS	1	13.0
MARY S (LIBERIA)	5LZA	02	AN	ALC	S	P	S	C		TMS	1	20.0
MARY STOVE (NORWAY)	JXHV	02	AN	MER	SL	P	SL	C		TMS	1	14.0
MASSIMINO D AMICO (ITALY)	IBBE	23	AN	MER	S	P	S	C		TMS	1	13.0
MASSIMO PRIMO (ITALY)	ICWI	04	AN	MER	SL	P	SL	C	OS	MS	1	17.0
MATHIESON (LIBERIA)	5MAZ	17	AN	MER	SL	P	SL	C		TMS	1	15.0
MATHURA (UNITED KINGDOM)	GDNU	04	AN	MER	SL	P	SL	C		MS	1	17.0
MATINA (UNITED KINGDOM)	GZMC	02	AN	MER	S	P	S	C		TMS	1	15.0
MAXIM (LIBERIA)	6ZKZ	20	AN	ALC	S	P	S	C		TMS	1	18.0
MEDEA (SWEDEN)	SHNW	01	AN	MER	SL	P	SL	C		TMS	1	15.0
MEDON (NETHERLANDS)	PFWR	13,17	AN	MER	SL	P	SL	C		TMS	1	12.0
MEIJYO MARU (JAPAN)	JMMG	02	AN	MER	SL	P	SL	C		MS	1	17.0
MEISHUSAN MARU (JAPAN)	JDKX	04	AN	MER	SL	P	SL	C		MS	1	17.0
MELVIN H. BAKER (LIBERIA)	5LBU	04,02,01	AN	MER	SL	P	SL	C		TMS	1	17.0
MEMNON (UNITED KINGDOM)	GVYM	01	AN	MER	SL	P	SL	C		TMS	1	15.0
MENDOZA (ARGENTINA)	LQCL	09	AN	MER	SL	P	SL	C	OS	MS	1	17.0
MERIDA (VENEZUELA)	YVBR	17	AN	MER	SL	P	SL	C		TMS	1	12.0
MICHRIS (CYPRUS)	5BNI	01,02	AN	MER	SL	P	SL	C		MS	1	12.0
MIKE (LIBERIA)	5MKK	02	AN	MER	SL	P	SL	C		TMS	1	19.0

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MILENA (NORWAY)	LMCA	01	AN	MER	S	P	S	C		TMS	1	19.0
MINERVA (BRAZIL)	PPDZ	09	AN	MER	SL	P	SL	C		TMS	1	18.0
MOBIL ASTRAL (UNITED KINGDOM)	GMOH	02	AN	MER	S	P	S	C		TMS	1	15.0
MOBIL COMET (LIBERIA)	6ZAC	02	AN	MER	SL	P	SL	C		TMS	1	17.0
MOBIL VIGILANTE (LIBERIA)	5MWW	02	AN	MER	SL	P	SL	C		MS	1	17.0
MOBILE VALIANT (LIBERIA)	5MZU	02	AN	MER	SL	P	SL	C		MS	1	17.0
MOL (BELGIUM)	ONMY	04	AN	MER	SL	P	SL	C		MS	1	17.0
MONBALDO (ITALY)	ICMO	14	AN	MER	SL	P	SL	C		MS	1	12.0
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
MONIKA WIARDS (GERMANY)	DDMY	02	AN	MER	SL	P	SL	C		TMS	1	12.0
MONIQUE SCHRODER (GERMANY)	DEHU	02	AN	MER	SL	P	SL	C		MS	1	17.0
MONREALE (ITALY)	IBCV	14	AN	ALC	VS	P	VS	C		TMS	1	14.0
MONTELLO (ITALY)	IBXG	14	AN	ALC	S	P	S	C		TMS	1	15.0
MONTERREY (MEXICO)	XCMT	20	AN	MER	SL	P	SL	C		TMS	1	18.0
MONTIGNY (LIBERIA)	ELQG	02	AN	MER	S	P	S	C	A	TMS	1	17.0
MORANT (UNITED KINGDOM)	GZZS	04	AN	MER	SL	P	SL	C		MS	1	17.0
MOSBAY (NORWAY)	LJYA	04, 13	AN	ALC	VS	P	VS	C		TMS	1	14.0
MOSENGEN (NORWAY)	LKZI	06	AN	MER	SL	P	SL	C		TMS	1	17.0
MOSHILL (NORWAY)	JXNT	13, 06	AN	MER	SL	P	SL	C		TMS	1	12.0
MOSTANGEN (NORWAY)	LNCL	02	AN	MER	SL	P	SL	C	A	TMS	1	17.0
NAESS JUPITER (NORWAY)	JXUS	17	AN	MER	SL	P	SL	C		TMS	1	15.0
NAESS LEADER (LIBERIA)	5LRD	23	AN	ALC	S	P	S	C		TMS	1	17.0
NAESS MARINER (LIBERIA)	5LOI	02	AN	MER	SL	P	SL	C		TMS	1	15.0
NAESS METEOR (NORWAY)	JXWC	02	AN	MER	SL	P	SL	C		TMS	1	15.0
NAMIK KEMAL (TURKEY)	TCYQ	07	AN	MER	SL	P	SL	C		MS	1	17.0
NAVEM PIRATINI (BRAZIL)	PPBQ	16	AN	ALC	VS	P	VS	C	A	TMS	1	14.0
NEDER WESER (NETHERLANDS)	PGDO	02	AN	MER	SL	P	SL	C		MS	1	17.0
NEPTUNUS (NETHERLANDS)	PGEU	10	AN	MER	SL	P	SL	C		MS	1	17.0
NEUNFELS (GREECE)	DLCA	04	AN	MER	SL	P	SL	C		MS	1	17.0
NICOLINE MAERSK (DENMARK)	OXZO	12, 20	AN	MER	SL	P	SL	C		TMS	1	13.0

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NIPPON REEFER (DENMARK)	OUPD	02	AN	MER	SL	P	SL	C	TMS	1	14.0
NOPAL EXPRESS (NORWAY)	JXJU	16	AN	MER	SL	P	SL	C	TMS	1	12.0
NOPAL PROGRESS (NORWAY)	LAVJ	16	AN	MER	SL	P	SL	C	TMS	1	12.0
NOPAL STAR (NORWAY)	JXOT	16	AN	MER	SL	P	SL	C	TMS	1	12.0
NOPAL TELLUS (NORWAY)	LLHB	15	AN	MER	SL	P	SL	C	TMS	1	15.0
NOPAL TRADER (NORWAY)	LAWO	16	AN	MER	A	P	A	C	TMS	1	12.0
NORBEGA (NORWAY)	JXQF	20,23	AN	MER	SL	P	SL	C	TMS	1	20.0
NORBU (NORWAY)	LCWT	02	AN	MER	SL	P	SL	C	TMS	1	18.0
NORDFARER (DENMARK)	OXWC	13,16	AN	ALC	US	P	US	C	TMS	1	11.0
NORDGLIMI (DENMARK)	OUTT	03	AN	MER	SL	P	SL	C	TMS	1	13.0
NORDWELLE (GERMANY)	DKED	13	AN	MER	SL	P	SL	C	TMS	1	11.0
NORDWOGE (GERMANY)	DKJK	13	AN	MER	SL	P	SL	C	TMS	1	12.0
NORFOLK MARU (JAPAN)	JIFR	20	AN	MER	SL	P	SL	C	MS	1	17.0
NORSE TRANSPORTER (NORWAY)	LEMM	04	AN	MER	SL	P	SL	C	MS	1	17.0
NORTH ISLE (NORWAY)	LIEK	02	AN	MER	SL	P	SL	C	MS	1	17.0
NORTHBANK (UNITED KINGDOM)	GVWD	01	AN	MER	SL	P	SL	C	TMS	1	14.0
NUEVA ESPARTA (VENEZUELA)	YXIP	14	AN	MER	SL	P	SL	C	TMS	1	14.0
OCEAN PRIMA (LIBERIA)	5MTR	01,02	AN	MER	SL	P	SL	C	TMS	1	20.0
OCEAN PROGRESS (LIBERIA)	5LBG	12	AN	MER	SL	P	SL	C	TMS	1	18.0
OCEAN PROSPER (LIBERIA)	5MHJ	03,20	AN	MER	SL	P	SL	C	TMS	1	21.0
OCTAVIA (GERMANY)	DDUL	20,23	AN	MER	SL	P	SL	C	TMS	1	18.0
OLANCHO (HONDURAS)	HQPK	17	AN	MER	S	P	S	C	TMS	1	12.0
OLGA MAERSK (DENMARK)	OUXW	13	AN	MER	SL	P	SL	C	TMS	1	18.0
OLIN (LIBERIA)	5LYD	17	AN	MER	SL	P	SL	C	TMS	1	15.0
OLIVIA MAERSK (DENMARK)	OVXG	02	AN	MER	SL	P	SL	C	TMS	1	20.0
ORE CHIEF (LIBERIA)	ELKM	17,10	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 MERICIAN (LIBERIA)	5LZI	16,17,27	AN	MER	SL	P	SL	C	TMS	1	17.0
ORE METEOR (LIBERIA)	5LZX	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	18.0

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20.0

## UNITED STATES OF AMERICA

ORE PRINCE (LIBERIA)	ELZK	02	AN	MER	SL	P	SL	C		TMS	1	17.0
ORE SATURN (LIBERIA)	5MCX	10,17	AN	MER	SL	P	SL	C		TMS	1	17.0
ORE TITAN (LIBERIA)	ELPI	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	21.0
ORE VENUS (LIBERIA)	5MHO	16,17,27	AN	MER	SL	P	SL	C		TMS	1	17.0
ORICA (HONDURAS)	HQQK	02	AN	MER	SL	P	SL	C		TMS	1	10.0
ORIENTAL AMIGA (LIBERIA)	ELVF	01	AN	MER	SL	P	SL	C		TMS	1	17.0
ORIENTAL ARROW (LIBERIA)	5LIF	20	AN	MER	SL	P	SL	C		TMS	1	15.0
ORIENTAL BANKER (LIBERIA)	ELFS	12	AN	MER	SL	P	SL	C		TMS	1	18.0
ORIENTAL CARNAVAL (LIBERIA)	5LGJ	01	AN	MER	SL	P	SL	C		TMS	3	20.0
ORIENTAL COMET (LIBERIA)	5LKK	20	AN	MER	SL	P	SL	C		TMS	1	16.0
ORIENTAL DESPATCHER (LIBERIA)	5LGD	20	AN	MER	SL	P	SL	C		TMS	1	13.0
ORIENTAL ESMERALDA (LIBERIA)	ELWW	01	AN	MER	SL	P	SL	C	SS	TMS	2	18.0
ORIENTAL EXPRESS (LIBERIA)	5LLG	20	AN	MER	SL	P	SL	C		MS	1	13.0
ORIENTAL FANTASIA (LIBERIA)	5LYB	03,20	AN	MER	SL	P	SL	C		TMS	2	16.0
ORIENTAL INVENTOR (LIBERIA)	6ZWI	12,20		MER	SL	P	SL	C	SS	TMS	3	15.0
ORIENTAL JADE (LIBERIA)	6ZLS	20	AN	MER	SL	P	SL	C		TMS	2	12.0
ORIENTAL PEARL (LIBERIA)	6ZLR	20	AN	ALC	S	P	S	C		TMS	1	16.0
ORINOCO (NETHERLANDS)	PGOZ	02	AN	MER	SL	P	SL	C		TMS	1	8.0
OROTAVA BRIDGE (UNITED KINGDOM)	GYCA	06,12	AN	ALC	US	P	US	C		TM	1	15.0
OSTFRIESLAND (GERMANY)	DFBD	08,02	AN	MER	SL	P	SL	C		TMS	1	15.0
OSWEGO CONCORD (LIBERIA)	5MOI	02	AN	MER	S	P	S	C		TMS	1	21.0
OTI RIVER (GHANA)	9GUA	06,02	AN	MER	SL	P	SL	C		TMS	1	17.0
OTTO N MILLER (LIBERIA)	5MMQ	20	AN	MER	SL	P	SL	C		TMS	1	18.0
OXFORDSHIRE (UNITED KINGDOM)	GYZH	02	AN	MER	SL	P	SL	C		TMS	1	20.0
PACIFIC BREEZE (PANAMA)	HOSP	02	AN	MER	SL	P	SL	C		TMS	1	17.0
PACIFIC TELSTAR (LIBERIA)	5MKS	21	AN	MER	SL	P	SL	C		MS	1	12.0
PACMERCHANT (PANAMA)	HOLP	20	AN	MER	SL	P	SL	C		TMS	1	23.0
PACROVER (LIBERIA)	ELFC	17,10	AN	MER	SL	P	SL	C		TMS	1	12.0

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PALMA (PERU)	OAQG	20	AN	ALC	S	P	S	C		TMS	1	21.0
PAOLA COSTA (ITALY)	PCWV	07	AN	MER	SL	P	SL	C		MS	1	17.0
PAOLO DAMICO (ITALY)	IBOD	23	AN	MER	SL	P	SL	C		MS	1	14.0
PAOLO TOSCANELLI (ITALY)	IBZX	23	AN	MER	S	P	S	C	SS	TMS	1	17.0
PARALLA (SWEDEN)	SGNA	29	AN	MER	SL	P	SL	C		TMS	1	27.0
PARMA (GERMANY)	DHOC	17	AN	MER	SL	P	SL	C		TMS	1	11.0
PAUL ENDACOTT (SWEDEN)	SKOI	13	AN	MER	S	P	S	C		TMS	1	15.0
PEARL SEA (SWEDEN)	SMJT	28	AN	MER	SL	P	SL	C		TMS	1	15.0
PEARL VENTURE (LIBERIA)	ELKF	20	AN	ALC	S	P	S	C		TMS	1	20.0
PEARLSTONE (LIBERIA)	5MWT	03,07	AN	MER	SL	P	SL	C	SS	TMS	1	20.0
PENDRECHT (NETHERLANDS)	PGRV	02	AN	MER	A	P	A	C		TMS	1	13.0
PHILIP S NIARCHOS (LIBERIA)	5MPN	02	AN	MER	SL	P	SL	C		TMS	1	24.0
PHILLIPS NEW JERSEY (LIBERIA)	6ZSU	02	AN	MER	SL	P	SL	C		TMS	1	18.0
PHILLIPS NEW YORK (LIBERIA)	6ZSM	02	AN	ALC	S	P	S	C		TMS	1	20.0
PHOSPHORE CONVEYOR (LIBERIA)	5LPD	04,15	AN	MER	SL	P	SL	C		TMS	1	20.0
PIA COSTA (ITALY)	IBUP	07	AN	MER	SL	P	SL	C		MS	1	17.0
PIERO FOSCARI (ITALY)	ICPB	07,13	AN	ALC	US	P	US	C		TM	1	12.0
POLAR PARAGUAY (GERMANY)	DGPP	02	AN	MER	SL	P	SL	C	SS	TMS	1	14.0
POLARSTERN (GERMANY)	DNHM	10,22	AN	MER	SL	P	SL	C		TMS	1	13.0
POOLDRECHT (NETHERLANDS)	PGUV	02	AN	MER	SL	P	SL	C		TMS	1	16.0
PORTHOS (NORWAY)	LAXJ	20	AN	MER	SL	P	SL	C		TMS	1	10.0
POSSELH (GERMANY)	DJXO	23	AN	MER	SL	P	SL	C		TMS	1	24.0
PROSPERITY (LIBERIA)	6ZBM	20	AN	ALC	S	P	S	C		TMS	1	17.0
PUEBLA (MEXICO)	XCPH	10,17	AN	MER	SL	P	SL	C		TMS	1	14.0
QUEENSVILLE (NORWAY)	LCNU	03,20	AN	MER	SL	P	SL	C		MS	1	14.0
R G FOLLIS (LIBERIA)	6ZJE	02	AN	MER	SL	P	SL	C	A	TMS	1	18.0
RALPH B JOHNSON (LIBERIA)	6ZDJ	02	AN	MER	S	P	S	C		TMS	1	17.0
REGENT LOTUS (LIBERIA)	ELDS	20	AN	ALC	S	P	S	C		TMS	1	14.0
REGINA OLDENDORFF (GERMANY)	DKNX	02	AN	MER	SL	P	SL	C		TMS	1	14.0
REVERE (LIBERIA)	5LZM	17	AN	MER	SL	P	SL	C		TMS	1	15.0
RIA (NETHERLANDS)	PHAR	17	AN	MER	SL	P	SL	C		T	2	6.0

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RIBEIRA GRANDE (PORTUGAL)	CSLQ	07,02	AN	MER	SL	P	SL	C	SS	TMS	1	12.0
RIBERA (UNITED KINGDOM)	GQWE		AN	MER	SL	P	SL	C		TMS	1	18.0
RIO BARIMA (LIBERIA)	5LZY	02	AN	ALC	S	P	S	C		TMS	1	12.0
RIO CARONI (LIBERIA)	5LOB	11,12	AN	ALC	US	P	US			TMS	1	12.0
RIO COBRE (UNITED KINGDOM)	GYXA	02	AN	MER	SL	P	SL	C		MS	1	13.0
RIO MACAREO (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
RITA MAERSK (DENMARK)	OUMW	03,20	AN	MER	SL	P	SL	C		TMS	1	13.0
ROATAN (UNITED KINGDOM)	GZPV	02	AN	MER	SL	P	SL	C		TMS	1	13.0
ROBERT WATT MILLER (LIBERIA)	ELCY	01,02	AN	MER	SL	P	SL	C		TMS	1	15.0
ROLAND (SWEDEN)	SKAN	13	AN	MER	SL	P	SL	C		TMS	1	17.0
ROMANDIE (SWITZERLAND)	HBDU	12,13	AN	MER	US	P	US	C		TM	1	18.0
ROSE (LIBERIA)	6ZCJ	20	AN	MER	S	P	S	C		TMS	1	20.0
ROWANBANK (UNITED KINGDOM)	GKJU	13,28	AN	MER	US			C		TM	1	12.0
ROY G LUCKS (LIBERIA)	6ZBZ	02	AN	MER	SL	P	SL	C	XBT	TMS	1	18.0
RU YUNG (CHINA)	BMDL	12,20	AN	ALC	S			C	A	TMS	2	17.0
RUBY (LIBERIA)	5MFO	01	AN	ALC	S	P	S	C		TMS	1	16.0
RUBYSTONE (LIBERIA)	5LUP	02	AN	MER	SL	P	SL	C	SS	TMS	1	20.0
SACRAMENTO VENTURE (LIBERIA)	5LLT	20	AN	ALC	S	P	S	C		TMS	1	18.0
SAFINA E REHMAT (PAKISTAN)	AQVW	12,15	AN	MER	SL	P	SL	C		MS	1	13.0
SALLY MAERSK (DENMARK)	OYYB	12,20	AN	MER	SL	P	SL	C		TMS	1	14.0
SALVINA (UNITED KINGDOM)	GLJH	02	AN	MER	SL	P	SL	C		TMS	1	17.0
SAN FELICE (ITALY)	ICJU	14	AN	ALC	S	P	S	C		TMS	1	14.0
SAN JUAN EXPORTER (LIBERIA)	ELEC	20	AN	MER	S	P	S	C		TMS	1	21.0
SAN JUAN PATHFINDER (LIBERIA)	5MOE	20,21	AN	MER	SL	P	SL	C		TMS	1	18.0
SAN JUAN PIONEER (LIBERIA)	5MJY	20	AN	MER	SL	P	SL	C		TMS	1	25.0
SAN JUAN PROSPECTOR (LIBERIA)	5MKN	20,21,23	AN	MER	SL	P	SL	C		TMS	1	18.0
SAN JUAN TRADER (LIBERIA)	6ZQB	20	AN	MER	SL	P	SL	C	SS	TMS	1	16.0

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SAN JUAN TRAVELER (LIBERIA)	5LZE	20,21	AN	MER	S	P	S	C			TMS	1	18.0	
SAN JUAN VANGUARD (LIBERIA)	5LLA	02	AN	MER	SL	P	SL	C			TMS	1	18.0	
SANDAR (NORWAY)	LFVG	06,20	AN	MER	SL	P	SL	C			TMS	1	20.0	
SANDVAAG (NORWAY)	LMJP	12,20	AN	ALC	S	P	S	C			TMS	1	15.0	
SANSINENA (LIBERIA)	5LWW	20	AN	MER	SL	P	SL	C			MS	1	18.0	
SANTA ELISABETA (ITALY)	ICOW	06,13	AN	ALC	S	P	S	C			TMS	1	14.0	
SANTOS (SWEDEN)	SKBN	02	AN	MER	SL	P	SL	C			MS	1	12.0	
SAO MARCOS (BRAZIL)	PPCC	09,16	AN	MER	US	P	US	C			TMS	1	8.0	
SEA VENTURE (NORWAY)	LAEO	10	AN	MER	SL	P	SL	C	SS	A	TMS	4	20.0	30.0
SEATICE (GREECE)	SWUN	02	AN	MER	S	P	S	C			TMS	1	14.0	
SEFRA (NORWAY)	JXPV	02	AN	MER	SL	P	SL	C			TMS	1	15.0	
SENTINEL (LIBERIA)	6ZYY	17	AN	MER	A	P	A	C			TMS	1	14.0	
SERAFIN TOPIC (LIBERIA)	5MKC	01	AN	MER	SL	P	SL	C			TMS	1	14.0	
SHELLEY (CHINA)	BMFG	12	AN	MER	SL	P	SL	C			TMS	2	17.0	
SICILMOTOR (ITALY)	ICUS	02,04	AN	MER	S	P	S	C		OS	TMS	1	17.0	
SILVERSTONE (LIBERIA)	6ZPJ	23	AN	MER	SL	P	SL	C			TMS	1	14.0	
SIRA (NORWAY)	JXFG	02	AN	MER	SL	P	SL	C			TMS	1	13.0	
SIRIO (ITALY)	ICSI	14	AN	ALC	S	P	S	C			TMS	1	14.0	
SKAUSUND (NORWAY)	LDOG	17	AN	MER	SL	P	SL	C			TMS	1	17.0	
SLEVIK (NORWAY)	JXOR	29	AN	MER	SL	P	SL	C			TMS	1	12.0	
SONETTE (SWEDEN)	SLIT	02	AN	MER	SL	P	SL	C			TMS	1	21.0	
SOUTH BREEZE (UNITED KINGDOM)	VRDB	02	AN	MER	SL	P	SL	C			MS	1	18.0	
SOUTHWIND (LIBERIA)	5LWL	02	AN	ALC	S			C			TMS	1	16.0	
SPERO (NORWAY)	LHDV	23	AN	MER	SL	P	SL	C			TMS	1	19.0	
SPILDRA (NORWAY)	JWNL	02	AN	MER	SL	P	SL	C			TMS	1	14.0	
SPRUCE WOODS (LIBERIA)	ELYP	20	AN	MER	US			C			TMS	1	12.0	
ST LAWRENCE MARU (JAPAN)	JIXE	02	AN	MER	SL	P	SL	C			TMS	2	18.0	
STADT WOLFSBURG (GERMANY)	DCWE	23	AN	MER	S	P	S	C		SS	TMS	1	19.0	
STARSTONE (LIBERIA)	6ZOL	23	AN	MER	SL	P	SL	C			TMS	1	15.0	
STATE OF MYSORE (INDIA)	VWCP	02	AN	MER	S	P	S	C			MS	1	17.0	
STATUE OF LIBERTY (LIBERIA)	ELMM	10	AN	MER	SL	P	SL	C		SS	TMS	1	17.0	
STEPHANIE (LIBERIA)	6ZRJ	16	AN	MER	S	P	S	C			TMS	1	15.0	

## UNITED STATES OF AMERICA

STOCKSUND (SWEDEN)	SKFN	29	AN	MER	SL	P	SL	C		TMS	1	14.0
STOLT ARTEMIS (NORWAY)	LATR	02	AN	ALC	US			C		TMS	1	14.0
STOLT BRALI (NORWAY)	JXHP	02	AN	MER	SL	P	SL	C		TMS	1	16.0
STOLT SAGONA (NORWAY)	JWWM	11,12,20	AN	ALC	US	P	US	C		TMS	2	17.0
STOLT STUART (UNITED KINGDOM)	GHBN	17	AN	MER	S	P	S	C		TMS	1	16.0
SUBIN RIVER (GHANA)	9GBC	08,02	AN	MER	SL	P	SL	C	SS	TMS	1	15.0
SUCRE (VENEZUELA)	YXAF	17	AN	MER	SL	P	SL	C		TMS	1	11.0
SUDAN (SWEDEN)	SLCA	01	AN	MER	SL	P	SL	C		TMS	1	12.0
SUECIA (SWEDEN)	SGMT	23	AN	MER	SL	P	SL	C	SS	TMS	1	21.0
SUNIMA (NORWAY)	LKAH	02	AN	ALC	US	P	US	C		TMS	1	14.0
SURINAME (NETHERLANDS)	PZAS	16	AN	MER	SL	P	SL	C		T	1	8.0
SUSAN MAERSK (DENMARK)	OYXU	12,20	AN	MER	SL	P	SL	C		TMS	1	15.0
SUSONG (KOREA)	6LAP	20	AN	MER	S	P	S	C		TMS	1	21.0
SYLVIA CORD (DENMARK)	UWYR	20	AN	MER	SL	P	SL	C		TMS	1	21.0
T L LENZEN (LIBERIA)	5MDG	20	AN	ALC	S	P	S	C		TMS	1	21.0
T S PETERSEN (LIBERIA)	5MKE	02,20	AN	MER	SL	P	SL	C		TMS	1	21.0
TAGAYTAY (NORWAY)	JWUE	12,20	AN	MER	SL	P	SL	C		TMS	1	14.0
TAGUS (NORWAY)	LAOE	02	AN	MER	SL	P	SL	C		TMS	1	17.0
TAI CORN (CHINA)	BHFD	12,20	AN	ALC	S	P	S	C	A	TMS	2	17.0
TAI NING (CHINA)	BHFB	12,20	AN	ALC	S	P	S	C		TMS	2	14.0
TAI PING (NORWAY)	JWWX	14	AN	MER	SL	P	SL	C		TMS	1	14.0
TAI SHOU (CHINA)	BHEX	01	AN	MER	SL	P	SL	C		TMS	2	16.0
TAIAN (CHINA)	BMBP	02	AN	MER	S	P	S	C	A	TMS	2	
TAIPEI VICTORY (CHINA)	BKBI	12,20	AN	MER	SL	P	SL	C		MS	2	14.0
TANK BARONESS (NORWAY)	JXAW	07,08	AN	MER	SL	P	SL	C		TMS	1	17.0
TARA (LIBERIA)	5MCZ	01,02	AN	MER	SL	P	SL	C		TMS	1	12.0
TARANGER (NORWAY)	LKOB	02	AN	MER	SL	P	SL	C		TMS	1	22.0
TARANTEL (NORWAY)	JXJW	12,20	AN	MER	SL	P	SL	C		TMS	1	15.0
TARBELA (PAKISTAN)	ACMZ	02	AN	MER	SL	P	SL	C		TMS	1	16.0
TASMANIC (SWEDEN)	SKYN	02	AN	MER	SL	P	SL	C		TMS	1	16.0
TAXILA (PAKISTAN)	AQMU	03,20	AN	MER	SL	P	SL	C		TM	1	14.0
TELDE (UNITED KINGDOM)	GHLD	02	AN	MER	S	P	S	C	SS	TMS	1	17.0
TEMA (NORWAY)	JXKB	08	AN	MER	SL	P	SL	C		MS	1	16.0

## UNITED STATES OF AMERICA

TENBURY (UNITED KINGDOM)	GQWH	12	AN	MER	SL	P	SL	C			TMS	1	17.0
TEXAS (NORWAY)	LJQS	14,07	AN	ALC	US			C			TMS	1	17.0
THAI YUNG (CHINA)	BNCS	02	AN	MER	S	P	S	C	SS	A	TMS	2	20.0
THEMIS (NETHERLANDS)	PHYN	06,17	AN	ALC	US	P	US	C			TMS	1	12.0
THOMAS MAERSK (DENMARK)	OXOX	12,20	AN	MER	SL	P	SL	C			TMS	1	17.0
THURO MAERSK (DENMARK)	OZCY	02	AN	MER	SL	P	SL	C			TMS	1	14.0
TIJUCA (NORWAY)	JXGS	02	AN	MER	SL	P	SL	C			TMS	1	14.0
TILAPA (UNITED KINGDOM)	GHRU	21	AN	MER	SL	P	SL	C			TMS	1	14.0
TINA D (GREECE)	SXHY	02	AN	MER	SL	P	SL	C	OS		MS	1	17.0
TLAXCALA (MEXICO)	XCTS	27	AN	MER	SL	P	SL	C			MS	1	12.0
TOBIAS MAERSK (DENMARK)	OUOD	12,20	AN	ELE	US	P	US	C			TMS	1	16.0
TOLUCA (MEXICO)	XCTR	20	AN	MER	SL	P	SL	C			TMS	1	18.0
TOREADOR (NORWAY)	LIXE	12,20	AN	MER	SL	P	SL	C			TMS	1	14.0
TORINITA (NORWAY)	JWRI	20,23	AN	MER	SL	P	SL	C			TMS	1	18.0
TORONTO (NORWAY)	LLVT	07,14	AN	ALC	S			C			TMS	1	12.0
TOSONG (KOREA)	6LAT	02	AN	MER	S	P	S	C			TMS	2	20.0
TOYPKIA (GREECE)	SVDY	01,07	AN	MER	SL	P	SL	C	SS		MS	1	16.0
TRANSOCEAN TRANSPORT (PHILIPPINES)	DUFC	02	AN	MER	SL	P	SL	C			TMS	1	17.0
TRANSOCEANICA SILVIA (ITALY)	ICXL	15,16	AN	MER	S	P	S	C			TMS	1	16.0
TRAVIATA (NORWAY)	JXGX	12,20	AN	MER	SL	P	SL	C			TMS	1	11.0
TREFONTANE (HONG KONG)	6CBJ	02	AN	MER	SL	P	SL	C	SS		MS	1	11.0
TREIN MAERSK (DENMARK)	OUYO	12,20	AN	MER	SL	P	SL	C			TMS	1	14.0
TROLL RIVER (UNITED KINGDOM)	GONT	12	AN	MER	SL	P	SL	C			TMS	1	21.0
TROUBADOUR (NORWAY)	LAQE	12,20	AN	MER	SL	P	SL	C			TMS	1	13.0
TSUI YUNG (CHINA)	BMDG	02	AN	MER	SL	P	SL	C			MS	1	17.0
TUCURINCA (UNITED KINGDOM)	GHMQ	02	AN	MER	SL	P	SL	C			TMS	1	12.0
TUGELA (NORWAY)	LMUD	08,07	AN	MER	SL	P	SL	C			TMS	1	15.0
TURANCOT (NORWAY)	JWPB	12,20	AN	MER	SL	P	SL	C			TMS	1	14.0
TURRIALBA (UNITED KINGDOM)	GGCU	02	AN	MER	SL	P	SL	C			TMS	1	15.0
UNION CONCORD (CHINA)	BKBD	12	AN	MER	SL	P	SL	C		A	TMS	1	19.0
UNION EAST (CHINA)	BKDC	12	AN	ALC	US	P	US	C		A	TMS	1	16.0

## UNITED STATES OF AMERICA

UNION ENTERPRISE (CHINA)	BKBO	20	AN	ALC	S	P	S	C	A	MS	2	13.0
UNION FREEDOM (CHINA)	BKBE	12	AN	MER	SL	P	SL	C		TMS	2	14.0
UNION SUNRISE (CHINA)	BKDF	12	AN	ALC	S	P	S	C	A	TMS	2	15.0
UNIVERSE CAMPUS (LIBERIA)	5LGK	02	AN	MER	S	P	S	C		TMS	3	20.0
UNIVERSE DEFIANCE (LIBERIA)	5LUV	02	AN	MER	SL	P	SL	C		TMS	1	15.0
UNIVERSE IRAN (LIBERIA)	5LDK	02	AN	MER	SL	P	SL	C		TMS	1	25.0
UNIVERSE IRELAND (LIBERIA)	ELQL	02	AN	MER	SL	P	SL	C		TMS	1	25.0
UNIVERSE JAPAN (LIBERIA)	ELXZ	02	AN	MER	SL	P	SL	C		TMS	1	25.0
UNIVERSE KOREA (LIBERIA)	5LDJ	02	AN	MER	SL	P	SL	C		TMS	1	25.0
UNIVERSE KUWAIT (LIBERIA)	ELON	02	AN	MER	SL	P	SL	C		TMS	1	25.0
UNIVERSE PORTUGAL (LIBERIA)	ELYA	02	AN	MER	SL	P	SL	C		TMS	1	25.0
VAASA LEADER (FINLAND)	OGFW	23	AN	MER	SL	P	SL	C		MS	1	17.0
VALLEJO (PERU)	OAQD	10,02	AN	MER	SL	P	SL	C		TMS	1	20.0
VAN WARRIOR (LIBERIA)	5MEV	20	AN	MER	S	P	S	C		TMS	0	17.0
VANCOUVER CITY (UNITED KINGDOM)	GZDG	02	AN	MER	SL	P	SL	C		TMS	1	15.0
VENIMOS (UNITED KINGDOM)	ZFBG	10	AN	MER	SL	P	SL	C		MS	1	13.0
VIA JERO (PANAMA)	HPHH	10	AN	MER	SL	P	SL	C		TMS	1	12.0
VIATOR (NORWAY)	LCIC	02	AN	MER	SL	P	SL	C		TMS	1	15.0
VICENTE GUERRERO (MEXICO)	XCVA	27	AN	ALC	S	P	S	C		TMS	1	14.0
VICTORIA (LIBERIA)	5LQK	02,06,07	AN	MER	SL	P	SL	C		TMS	3	17.0
VILLANGER (NORWAY)	JWUZ	23	AN	MER	SL	P	SL	C		TMS	1	15.0
VISHVA BHAKTI (INDIA)	VWXQ	12,02	AN	MER	SL	P	SL	C		TMS	1	15.0
VISHVA KAUSHAL (INDIA)	VWXC	12,02	AN	MER	SL	P	SL	C		TMS	1	15.0
VISHVA KIRTI (INDIA)	VWLR	12,02	MER	MER	SL	P	SL	C	SS	TMS	1	15.0
VISHVA MANGAL (INDIA)	VWQQ	12,02	AN	MER	SL	P	SL	C		MS	1	15.0
VISHVA PREM (INDIA)	VWQL	12,02	MER	MER	SL	P	SL	C	SS	MS	1	15.0
VISHVA SEVA (INDIA)	VWWS	12,02	AN	MER	SL	P	SL	C		TMS	1	15.0
VISHVA SHANTI (INDIA)	VWQK	12,02	AN	MER	SL	P	SL	C		MS	1	15.0
VISHVA TIRTH (INDIA)	VWWT	12,02	AN	MER	SL	P	SL	C		TMS	1	15.0
VISUROIS (GERMANY)	DLIG	01,02	AN	MER	SL	P	SL	C	SS	TMS	1	20.0

## UNITED STATES OF AMERICA

VOLNAY (UNITED KINGDOM)	GZBS	02	AN	MER	SL	P	SL	C		TMS	1	20.0
WAITARA (SWEDEN)	SDOA	01	AN	ELE	A	P	A	C	SS	TMS	1	20.0
WANDERER (LIBERIA)	5MGV	17	AN	MER	SL	P	SL	C		TMS	1	11.0
WAYFARER (LIBERIA)	5MGS	17	AN	MER	SL	P	SL	C		TMS	1	11.0
WELLINGTON STAR (UNITED KINGDOM)	GNPD	06,28	AN	MER	S	P	S	C		TMS	1	17.0
WELSH MINSTREL (UNITED KINGDOM)	GYGD	02	AN	MER	SL	P	SL	C		TMS	1	19.0
WESER BROKER (GERMANY)	DJPA	06,07	AN	MER	SL	P	SL	C		TMS	1	12.0
WESER ORE (LIBERIA)	5MBE	15,16	AN	MER	SL	P	SL	C		TMS	1	13.0
WESTBULK (NORWAY)	LHTP	20,23	AN	MER	US			C		TMS	1	15.0
WHITE OCEAN (SWEDEN)	SDFN	02,20	AN	MER	SL	P	SL	C		TMS	1	17.0
WIIMA (FINLAND)	OGVC	23	AN	MER	SL	P	SL	C		TMS	1	18.0
WILLI REITH (GERMANY)	DIEJ	06,07	AN	MER	SL	P	SL	C		TMS	1	15.0
WILLIAM M. ALLEN (LIBERIA)	5MSN	02	AN	MER	SL	P	SL	C		TMS	1	18.0
WINDFORD (LIBERIA)	ELTI	20	AN	MER	SL	P	SL	C		TMS	1	18.0
WIRTA (FINLAND)	OGVT	23	AN	MER	SL	P	SL	C		TMS	1	17.0
WISA (FINLAND)	OGRE	23	AN	MER	SL	P	SL	C		TMS	1	16.0
WOOLGAR (NORWAY)	JWLM	29	AN	ALC	S	P	S	C		TMS	1	12.0
WORLD CHAMPION (LIBERIA)	5LIZ	20	AN	MER	S	P	SL	C		TM	1	15.0
WORLD DUET (LIBERIA)	5LPM	02	AN	MER	SL	P	SL	C		TMS	1	19.0
WORLD JUSTICE (LIBERIA)	ELOW	09,10	AN	MER	SL	P	SL	C		TMS	1	14.0
WORLD PRIDE (LIBERIA)	5LGO	20	AN	MER	SL	P	SL	C		TMS	1	18.0
WORLD SUPREME (LIBERIA)	5LZF	20	AN	ALC	S	P	S	C		TMS	1	20.0
WYVERN (NORWAY)	LAFQ	02	AN	MER	SL	P	SL	C		TMS	1	14.0
YAMOTO MARU (JAPAN)	JJVH	20	AN	MER	SL	P	SL	C		MS	1	17.0
YARACUY (VENEZUELA)	YXAE	17	AN	MER	SL	P	SL	C		TMS	1	11.0
YGUAZU (LIBERIA)	5LIA	20	AN	ALC	S	P	S	C		TMS	1	17.0
YOUNGLLY (LIBERIA)	ELUV	06,20	AN	MER	SL	P	SL	C		TMS	1	20.0
ZENLIN GLORY (LIBERIA)	5LSE	20	AN	ALC	S	P	S	C		TMS	1	18.0

## Auxiliary Ships

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AGAPI (GREECE) SWLA

## UNITED STATES OF AMERICA

ANCO SPRING (SWEDEN)	SJGT
ANCO STRIPE (NORWAY)	JWST
ANGANTYR (DENMARK)	OXQU
ANGELBURG (GERMANY)	DAMM
ANNA REHDER (GERMANY)	DGCR
ASIA FLAMINGO (LIBERIA)	ELFA
ASSEBURG (GERMANY)	DANP
ATLANTIC JAMACIAN (UNITED KINGDOM)	GOWX
AUGUSTENBURG (GERMANY)	DANR
BAUGNES (NORWAY)	LJTZ
BENTE BROVIG (NORWAY)	JXUI
BRUNES (NORWAY)	LHWO
BUENOS AIRES (NORWAY)	LEFV
CACIQUE NAMUNCURA (ARGENTINA)	LQVN
CAP ORTEGAL (LIBERIA)	DHKO
CAP ROCA (GERMANY)	DGOF
CAP VILANO (GERMANY)	DIKV
CARCILASO (PERU)	OAQA
CASSARATE (SWITZERLAND)	HBDT
CAVALA (LIBERIA)	ELXJ
CHRISTINE ISLE (LIBERIA)	5LCO
CITY OF HEREFORD (UNITED KINGDOM)	GXRD
CIUDAD DE BOGATA (COLOMBIA)	HJNH
CIUDAD DE PASTO (PANAMA)	HJNS
CIUDAD DE BUENAVENTURA (COLOMBIA)	HJNE
CRISPIN (UNITED KINGDOM)	GVGG
CRYSTAL SEA (SWEDEN)	SMGD
D L BOWER (LIBERIA)	5LXC
DRAGOR MAERSK (NETHERLANDS)	OXZW
DYVI ATLANTIC (NORWAY)	LNZY
EDE SCITORF (GERMANY)	DGSO

## UNITED STATES OF AMERICA

EDWIN REITH (GERMANY)	DAJM
ESSO MUNCHEN (GERMANY)	DHGX
EVY L (LIBERIA)	ELFL
FERNGATE (NORWAY)	JXNV
FERNLEAF (NORWAY)	LLRH
FERNMOOR (NORWAY)	LATG
FREE STATE (NORWAY)	LAUT
GJENDEFJELL (NORWAY)	LFDI
GOTAMA JAYANTI (INDIA)	VWSL
GUDMUNDRA (SWEDEN)	SLFA
GWENDOLEN ISLE (LIBERIA)	ELVQ
H J HAYNES (LIBERIA)	5LUG
HAI FU (CHINA)	BFHF
HAN YANG (KOREA)	6LAI
HELLAS (GREECE)	SVDU
HELLENIC SUNBEAM (GREECE)	SYHX
HERMION (NORWAY)	JXJV
HOEGH DENE (NORWAY)	JXFY
HOEGH MALLARD (NORWAY)	LECB
HOEGH MARLIN (NORWAY)	LGNI
HOEGH OPAL (NORWAY)	LMGQ
HOEGH ORCHID (NORWAY)	LNAW
HOEGH ORRIS (NORWAY)	LNMB
HOEGH PRIDE (NORWAY)	LMOJ
HOLLANDIA (GREECE)	SVDW
HOLLYBANK (UNITED KINGDOM)	GMHV
HOLTFJELL (NORWAY)	JXZR
HONG KONG AMBER (LIBERIA)	6ZFP
HONG KONG DELEGATE (LIBERIA)	6ZEW
HONG KONG EXPORTER (UNITED KINGDOM)	ZFGB
HONG KONG GRACE (LIBERIA)	6ZEN

## UNITED STATES OF AMERICA

J T HIGGINS (LIBERIA)	5LCU
JAG ASHA (INDIA)	ATBO
JAMES E O'BRIEN (UNITED KINGDOM)	GNUQ
JELA TOPIC (LIBERIA)	6ZWQ
JOHN A. MCCONE (LIBERIA)	5LDM
KARLSBURG (GERMANY)	DEOG
KARPOC (SOUTH AFRICA)	ZSEL
KONAVLI (YUGOSLAVIA)	YTOK
KRISTIAN BIRKELAND (NORWAY)	JXVQ
LAGUNILLAS (LIBERIA)	ELUJ
LAKE ONTARIO (SWEDEN)	SDGE
LANCING (NORWAY)	JXVC
LARCHBANK (UNITED KINGDOM)	GHDN
LIFJORD (NORWAY)	JWYV
LINDENBANK (UNITED KINGDOM)	GHDP
LUBECK (GERMANY)	DKDO
MALAYSIA FORTUNE (LIBERIA)	6ZGN
MAPLE (NORWAY)	LJFJ
MARCHEN (NETHERLANDS)	OVKW
MARGIT BROVIG (NORWAY)	JXJT
MARIE SKOU (DENMARK)	OXUH
META REITH (GERMANY)	DHMR
NAGANO (LIBERIA)	5MMC
NEW YORK STAR (UNITED KINGDOM)	GQGH
NICOLAS MARIS (LIBERIA)	6ZMB
NORTH SEA (SWEDEN)	SJVA
NOVIA (GERMANY)	DEBG
OCEANIC FIRST (LIBERIA)	6ZUX
ORIENTAL HERO (LIBERIA)	6ZYG
ORIENTAL LACY (LIBERIA)	5ZWX
ORIENTAL MORN (LIBERIA)	5LLR

## UNITED STATES OF AMERICA

ORIENTAL MUSICIAN (LIBERIA)	6ZXO
OSWEGO UNITY (LIBERIA)	6ZOO
PONTOS (NORWAY)	LIAM
PRESIDENT WM V S TUBMAN (LIBERIA)	5MZS
PUNA (GERMANY)	DNFH
QESHET (ISRAEL)	4XXV
RABENFELS (GERMANY)	DLCR
RANDI BROVIG (NORWAY)	LIFL
REGO (NORWAY)	JXJN
RHINE ORE (LIBERIA)	5MAL
RIO MAGDALENA (COLOMBIA)	HJND
ROSEVILLE (NORWAY)	JXPY
RUHR ORE (LIBERIA)	5MDV
SAM RATULANGIE (INDONESIA)	PKUU
SAN JUAN VENTURER (LIBERIA)	5LLB
SIMOA (NORWAY)	JXFH
SPRINGBANK (UNITED KINGDOM)	GHRN
STAV VIKING (NORWAY)	LIZS
TANMERACK (UNITED KINGDOM)	GXSA
THORSTIND (NORWAY)	LNYB
THYRA TORM (DENMARK)	OZHI
TIMARU STAR (UNITED KINGDOM)	GVXH
UNIVERSE CONVEYOR (LIBERIA)	ELKD
UPPLAND (SWEDEN)	SKPM
WESER (GERMANY)	DGKW
WILKAWA (UNITED KINGDOM)	GNZE

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YUGOSLAVIA

- 6 HONG KONG AND/OR JAPAN - GULF OF THAILAND
- 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, NC FIXED ROUTE

## YUGOSLAVIA

## Selected Ships

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AGRUM	YTRZ	17	AN	MER	S	P	S	C		TMS 1
AUGUST CESAREC	YTOO	4	AN	MER	S	P	S	C		TMS 1 16.0
BASKA	YTGy	12	AN	MER	S	P	S	C		TMS 1 14.0
BOHINJ	YTFH	14	AN	MER	S	P	S	C	SS	TMS 1 15.0
BOSNA	YTcB	6	AN	MER	S	P	S	C		TMS 1
BRANIK	YTWN	14	AN	MER	S	P	S	C		TMS 1
GORAN KOVACIC	YTQW	9	AN	MER	S	P	S	C		TMS 1 15.0
IDRIJA	YTJC	17	AN	MER	S	P	S	C		TMS 1
KASTAV	YTUI	4	AN	MER	S	P	S	C		TMS 1 13.0
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 15.0
KOSTRENA	YTJU	6	AN	MER	S	P	S	C		TMS 1 16.0
KRALJEVICA	YTfC	4	AN	MER	S	P	S	C		TMS 1 19.0
KUMROVEC	YTQV	5	AN	MER	W	P	W	C		TMS 1 19.0
KVARNER	YTKN	12	AN	MER	A	P	A	C		TMS 1 14.0
LIKA	YTAL	6	AN	MER	S	P	S	C		TMS 1 13.0
LITTIJA	YTLL	15	AN	MER	S	P	S	C		TMS 1
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	5	AN	MER	S	P	S	C		TMS 1 13.0
MAKARSKA	YTVZ	10	AN	MER	S	P	S	C		TMS 1 18.0
MAKEDONIJA	YTAM	6	AN	MER	S	P	S	C		TMS 1 20.0
NATKO NODILO	YTIG	16	AN	MER	S	P	S	C		TMS 1 16.0
NEHAJ	YTQP	6	AN	MER	S	P	S	C		TMS 1 14.0
NIKOLA TESLA	YTAN	6	AN	MER	S	P	S	C		TMS 1 15.0
NIN	YTfE	3	AN	MER	S	P	S	C		TMS 1
NOVI VINODOLSKI	YTGx	12	AN	MER	A	P	A	C		TMS 1 14.0
PAG	YTLM	6	AN	MER	S	P	S	C		TMS 1
PAZIN	YTUJ	4	AN	MER	S	P	S	C		TMS 1
PLOD	YTMD	17	AN	MER	S	P	S	C		TMS 1 7.0
POMORAVLJE	YTRB	2	AN	MER	A	P	A	C		TMS 1

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PORTOROZ	YTOJ	12	AN	MER	S	P	S	C	TMS	1	15.0
PRIMORJE	YTGM	6	AN	MER	S	P	S	C	TMS	1	15.0
RIJEKA	YTAR	7	AN	MER	S	P	S	C	TMS	1	14.0
RUGJER BESKOVIC	YTAY	9	AN	MER	S	P	S	C	TMS	1	17.0
SARAJEVO	YTDS	2	AN	MER	A	P	A	C	TMS	1	14.0
SRBIJA	YTES	4	AN	MER	S	P	S	C	TMS	1	15.0
SUMADIJA	YTHX	17	AN	MER	S	P	S	C	TMS	1	17.0
TRBOVLJE	YTBEL	15	AN	MER	S	P	S	C	TMS	1	16.0
TRECI MAJ	YTBEL	6	AN	MER	A	P	A	C	TMS	1	16.0
TREPCA	YTGT	6	AN	MER	S	P	S	C	TMS	1	14.0
TRIGLAV	YTDI	5	AN	MER	S	P	S	C	TMS	1	16.0
TRSAT	YTQO	6	AN	MER	S	P	S	C	TMS	1	14.0
TUHOBIC	YTJT	9	AN	MER	S	P	S	C	TMS	1	18.0
USKOK	YTJO	10	AN	MER	S	P	S	C	TMS	1	16.0
ZADAR	YTBEL	11	AN	MER	S	P	S	C	TMS	1	14.0
ZAGREB	YTCZ	2	AN	MER	S	P	S	C	TMS	1	13.0
ZETA	YTAE	17	AN	MER	S	P	S	C	TMS	1	
ZLETOVO	YTJH	17	AN	MER	A	P	A	C	TMS	1	19.0

Supplementary Ships

ADMIRAL ZMAJEVIC	YTLZ	11	AN	MER	US			C	TMS	1	15.0
ALKA	YTDA	10	AN	MER	US			C	TMS	1	15.0
BAKAR	YTUG	5	AN	MER	US			C	TMS	1	
BANAT	YTMV	17	AN	MER	US			C	TMS	1	14.0
BRATSTVO	YTDB	2	AN	MER	US			C	TMS	1	15.0
BREZICE	YTWP	14	AN	MER	US			C	TMS	1	
CRNA GORA	YTTF	4	AN	MER	US			C	TMS	1	
DREZNICA	YTKU	9	AN	MER	US			C	TMS	1	17.0
FRANJO SUPILO	YTGQ	12	AN	MER	US			C	TMS	1	15.0
GORANKA	YTCC	17	AN	MER	US			C	TMS	1	15.0
GROBNIK	YTKV	5	AN	MER	US			C	TMS	1	17.0
IVAN MAZURANIC	YTGW	7	AN	MER	US			C	TMS	1	13.0
JADRO	YTEJ	13	AN	MER	US			C	TMS	1	12.0

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JELSA	YTIH	5	AN	MER	US	C	TMS	1	15.0
JESENICE	YTCH	6	AN	MER	US	C	TMS	1	18.0
KAPETAN MARTINOVIC	YTPM	11	AN	MER	US	C	TMS	1	14.0
KORCULA	YTFM	8	AN	MER	US	C	TMS	1	15.0
KRANJCEVIC	YTQN	5	AN	MER	US	C	TMS	1	15.0
KRK	YTKH	12	AN	MER	US	C	TMS	1	15.0
KRKA	YTNU	12	AN	MER	US	C	TMS	1	11.0
KRUSEVO	YTBK	8	AN	MER	US	C	TMS	1	13.0
LJUBIJA	YTJI	17	AN	MER	US	C	TMS	1	
LUKA BOTIC	YTCX	16	AN	MER	US	C	TMS	1	15.0
MAJSAN	YTDM	2	AN	MER	US	C	TMS	1	
MARKO MARULIC	YTAX	13	AN	MER	US	C	TMS	1	15.0
MATKO LAGINJA	YTHJ	7	AN	MER	US	C	TMS	1	13.0
MIHO PRACAT	YTAU	17	AN	MER	US	C	TMS	1	13.0
MOSA PIJADE	YTZB	17	AN	MER	US	C	TMS	1	15.0
MOSOR	YTMM	16	AN	MER	US	C	TMS	1	
OMIS	YTFO	5	AN	MER	US	C	TMS	1	13.0
PELJESAC	YTOX	2	AN	MER	US	C	TMS	1	
PETKA	YTAF	17	AN	MER	US	C	TMS	1	13.0
POBJECA	YTEP	2	AN	MER	US	C	TMS	1	11.0
PRIMOSTEN	YTET	17	AN	MER	US	C	TMS	1	11.0
PULA	YTCI	11	AN	MER	US	C	TMS	1	12.0
RADE KONCAR	YTXB	5	AN	MER	US	C	TMS	1	
SALI	YTFL	17	AN	MER	US	C	TMS	1	
SILBA	YTTS	17	AN	MER	US	C	TMS	1	17.0
SKOPJE	YTFS	2	AN	MER	US	C	TMS	1	14.0
SLAVONIJA	YTBI	11	AN	MER	US	C	TMS	1	
SLOBODA	YTBO	17	AN	MER	US	C	TMS	1	11.0
SLOVENIJA	YTFA	4	AN	MER	US	C	TMS	1	14.0
SPLIT	YTLB	10	AN	MER	US	C	TMS	1	16.0
TITOGRAD	YTFT	2	AN	MER	US	C	TMS	1	14.0
UCKA	YTCU	7	AN	MER	US	C	TMS	1	14.0
VELEBIT	YTDV	5	AN	MER	US	C	TMS	1	13.0
WISEVICA	YTMV	9	AN	MER	US	C	TMS	1	18.0

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VODICE  
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YTAV 17  
YTNZ 9

AN MER US  
AN MER US

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TMS 1 13.0  
TMS 1 14.0

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