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**Groupe de travail sur la construction navale  
Sous-groupe sur l'offre et la demande  
Working Party on Shipbuilding  
Sub-Group on Supply and Demand**

**STATISTIQUES SUR LA PRODUCTION, LES COMMANDES ET LES  
EXPORTATIONS DE NAVIRES EN 1998  
STATISTICS ON SHIP PRODUCTION, EXPORTS AND ORDERS IN 1998**

(Note du Secrétariat/Note by the Secretariat)

*Les délégués trouveront ci-joint, pour information, les réponses au questionnaire sur la production, les commandes et les exportations de navires en 1998 [C/WP6/SG(98)13]. Les réponses qui n'ont pas encore été envoyées au Secrétariat seront diffusées dans un addendum dès leur réception.*

*Delegates will find attached, for information, replies to the questionnaire on ship production, exports and orders in 1998 [C/WP6/SG(98)13]. The replies not yet sent to the Secretariat will be circulated as an addendum as soon as they are received.*

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**DENMARK/DANEMARK****I. STATE OF THE ORDERBOOK**

STATE AT THE END OF 1998

	No.	gt	%	cgt(a)	%
I. Tonnage building					
II. Tonnage yet to lay down (1)					
III. Total tonnage on orderbook	29	898 804	<b>100</b>	676 082	<b>100</b>
of which for export (2)	12	68 100	7.6	88 640	13.1
IV. Types of ships on orderbook (breakdown of III)					
1) Crude oil tankers (single hull) (3)					
2) Crude oil tankers (double hull) (4)					
3) Product and chemical carriers	6	60 600	6.7	64 020	9.5
4) Bulk carriers (excl. combined carriers)					
5) Combined carriers					
6) General cargo ships					
7) Reefers					
8) Full container ships and high speed liners	13	825 414	91.8	569 967	84.3
9) Ro-Ro vessels					
10) Car carriers					
11) LPG carriers (5)					
12) LNG carriers (5)					
13) Ferries					
14) Passenger ships	1	135	0.0	810	0.1
15) Fishing vessels	8	10 055	1.1	32 965	4.9
16) Other non-cargo vessels	1	2 600	0.3	8 320	1.2
TOTAL (=III)	29	898 804	<b>100</b>	676 082	<b>100</b>
V. Value of orderbook	National currency*	US Dollar**	Exchange rate***	%	* Million DK
Total	13 840	2 167	6.387	<b>100</b>	** Million Dollar
of which for export(2)	2 009	315	6.387	14.5	*** DK/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Firm contracts only, options not included.

(2) Tonnage to be delivered to foreign countries/flags.

(3) Inclusive of tankers with double bottoms or sides.

(4) Ships fulfilling IMO requirements for double hulled tankers.

(5) Volume in cubic metres: LPG; LNG.

**DENMARK/DANEMARK****II. SHIPS COMPLETED**

YEAR: 1998

	No.	gt	%	cgt(a)	%	
I. Ships launched						
of which for export (1)						
II. Ships completed	19	444 461	<b>100</b>	338 482	<b>100</b>	
of which for export (1)	11	73 591	16.6	87 955	26.0	
III. Types of ships completed (breakdown of II)						
1) Crude oil tankers (single hull) (2)						
2) Crude oil tankers (double hull) (3)						
3) Product and chemical carriers	5	61 025	13.7	60 490	17.9	
4) Bulk carriers (excl. combined carriers)						
5) Combined carriers						
6) General cargo ships						
7) Reefers	2	7 300	1.6	10 950	3.2	
8) Full container ships and high speed liners	4	366 240	82.4	238 056	70.3	
9) Ro-Ro vessels						
10) Car carriers						
11) LPG carriers (4)						
12) LNG carriers (4)						
13) Ferries	3	4 100	0.9	10 350	3.1	
14) Passenger ships	1	116	0.0	696	0.2	
15) Fishing vessels	3	3 830	0.9	12 020	3.6	
16) Other non-cargo vessels	1	1 850	0.4	5 920	1.7	
TOTAL (=II)	19	444 461	<b>100</b>	338 482	<b>100</b>	
IV. Value of ships completed	National currency*	US Dollar**	Exchange rate***	%		* Million DK
Total	8 342	1 246	6.697	<b>100</b>		** Million Dollar
of which for export(1)	2 251	336	6.697	27.0		*** DK/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Tonnage to be delivered to foreign countries/flags.

(2) Inclusive of tankers with double bottoms or sides.

(3) Ships fulfilling IMO requirements for double hulled tankers.

(4) Volume in cubic meters: LPG; LNG.

**DENMARK/DANEMARK****III. NEW ORDERS**

YEAR: 1998

	No.	gt	%	cgt(a)	%
I. Orders placed, Total	14	311 690	<b>100</b>	256 555	<b>100</b>
of which for export (1)	1	4 800	1.5	7 680	3.0
II. Types of ships ordered (breakdown of I)					
1) Crude oil tankers (single hull) (2)					
2) Crude oil tankers (double hull) (3)					
3) Product and chemical carriers	1	4 800	1.5	7 680	3.0
4) Bulk carriers (excl. combined carriers)					
5) Combined carriers					
6) General cargo ships					
7) Reefers					
8) Full container ships and high speed liners	6	300 000	96.2	225 000	87.7
9) Ro-Ro vessels					
10) Car carriers					
11) LPG carriers (4)					
12) LNG carriers (4)					
13) Ferries					
14) Passenger ships	1	135	0.0	810	0.3
15) Fishing vessels	6	6 755	2.2	23 065	9.0
16) Other non-cargo vessels					
TOTAL (=I)	14	311 690	<b>100</b>	256 555	<b>100</b>
III. Value of ships ordered	National currency*	US Dollar**	Exchange rate***	%	* Million DK
Total	3 790	566	6.697	<b>100</b>	** Million Dollar
of which for export(1)	311	46	6.697	8.2	*** DK/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Tonnage to be delivered to foreign countries/flags.

(2) Inclusive of tankers with double bottoms or sides.

(3) Ships fulfilling IMO requirements for double hulled tankers.

(4) Volume in cubic meters: LPG; LNG.

**DENMARK/DANEMARK****IV. SPECIFICATION IN COMPENSATED TONNAGE**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
1) Crude oil tankers (dwt) single hull (1)							
under 4 000	1.70						
4 000 - 10 000	1.15						
10 000 - 30 000	0.75						
30 000 - 50 000	0.60						
50 000 - 80 000	0.50						
80 000 - 160 000	0.40						
160 000 - 250 000	0.30						
250 000 and over	0.25						
2) Crude oil tankers (dwt) (double hull) (2)							
under 4 000	1.85						
4 000 - 10 000	1.30						
10 000 - 30 000	0.85						
30 000 - 50 000	0.70						
50 000 - 80 000	0.55						
80 000 - 160 000	0.45						
160 000 - 250 000	0.35						
250 000 and over	0.35						
3) Product & chemical carriers (dwt)							
under 4 000	2.30	3	17 940	1	5 750		
4 000 - 10 000	1.60	1	7 680	2	15 840	1	7 680
10 000 - 30 000	1.05						
30 000 - 50 000	0.80	2	48 000	2	38 900		
50 000 - 80 000	0.60						
80 000 and over	0.55						

Note: No. is number of ships of 100 gt and over; warships excluded.

(1) Inclusive of tankers with double bottoms or sides.

(2) Ships fulfilling IMO requirements for double hulled tankers.

**DENMARK/DANEMARK****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
4) Bulk carriers (dwt) excluding combined carriers)							
under 4 000	1.60						
4 000 - 10 000	1.10						
10 000 - 30 000	0.70						
30 000 - 50 000	0.60						
50 000 - 80 000	0.50						
80 000 - 160 000	0.40						
160 000 and over	0.30						
5) Combined carriers (dwt)							
under 10 000	(3)						
10 000 - 30 000	0.90						
30 000 - 50 000	0.75						
50 000 - 80 000	0.60						
80 000 - 160 000	0.50						
160 000 and over	0.40						
6) General cargo ships (dwt)							
under 4 000	1.85						
4 000 - 10 000	1.35						
10 000 - 20 000	1.00						
20 000 - 30 000	0.85						
30 000 and over	(4)						
7) Reefers (dwt)							
under 4 000	2.05						
4 000 - 10 000	1.50			2	10 950		
10 000 and over	1.25						

Note: No. is number of ships of 100 gt and over; warships excluded.

(3) Same coefficient as for "bulk carriers".

(4) Same coefficient as for "double hulled crude oil tankers".

**DENMARK/DANEMARK****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
8) Full container ships and high speed liners (dwt)							
under 4 000	(5)						
4 000 - 10 000	1.20	1	7 524				
10 000 - 20 000	0.90						
20 000 - 30 000	0.80						
30 000 - 50 000	0.75	6	225 000			6	225 000
50 000 and over	0.65	6	337 443	4	238 056		
9) Ro-Ro vessels (dwt)							
under 4 000	1.50						
4 000 - 10 000	1.05						
10 000 - 20 000	0.80						
20 000 - 30 000	0.70						
30 000 and over	0.65						
10) Car carriers (dwt)							
under 4 000	1.10						
4 000 - 10 000	0.75						
10 000 - 20 000	0.65						
20 000 - 30 000	0.55						
30 000 and over	0.45						
11) LPG carriers (dwt)							
under 4 000	2.05						
4 000 - 10 000	1.60						
10 000 - 20 000	1.15						
20 000 - 30 000	0.90						
30 000 - 50 000	0.80						
50 000 and over	0.70						

Note: No. is number of ships of 100 gt and over; warships excluded.

(5) Same coefficient as for "general carriers".



**DENMARK/DANEMARK****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)(based on dwt)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
12) LNG carriers (dwt)							
under 10 000	(6)						
10 000 - 20 000	1.25						
20 000 - 30 000	1.15						
30 000 - 50 000	1.00						
50 000 and over	0.75						
13) Ferries (gt)							
under 1 000	3.00			3	10 350		
1 000 - 3 000	2.25						
3 000 - 10 000	1.65						
10 000 - 20 000	1.15						
20 000 and over	0.90						
14) Passenger ships (gt)							
under 1 000	6.00	1	810	1	696	1	810
1 000 - 3 000	4.00						
3 000 - 10 000	3.00						
10 000 - 20 000	2.00						
20 000 - 40 000	1.60						
40 000 - 60 000	1.40						
60 000 and over	1.25						
15) Fishing vessels (gt)							
under 1 000	4.00	5	14 785			5	14 785
1 000 - 3 000	3.00	3	18 180	2	9 900		
3 000 and over	2.00						
16) Other non-cargo vessels (gt)							
under 1 000	5.00						
1 000 - 3 000	3.20	1	8 320				
3 000 - 10 000	2.00			1	5 920		
10 000 and over	1.50						

Note: No. is number of ships of 100 gt and over; warships excluded.

(6) Same coefficient as for "LPG carriers".

**FINLAND/FINLANDE****I. STATE OF THE ORDERBOOK**

STATE AT THE END OF 1998

	No.	gt	%	cgt(a)	%
I. Tonnage building	4	196 400	30.2	242 620	30.2
II. Tonnage yet to lay down (1)	6	453 500	69.8	562 000	69.8
III. Total tonnage on orderbook	10	649 900	<b>100</b>	804 620	<b>100</b>
of which for export (2)			0.0		0.0
IV. Types of ships on orderbook (breakdown of III)					
1) Crude oil tankers (single hull) (3)			0.0		0.0
2) Crude oil tankers (double hull) (4)			0.0		0.0
3) Product and chemical carriers			0.0		0.0
4) Bulk carriers (excl. combined carriers)			0.0		0.0
5) Combined carriers			0.0		0.0
6) General cargo ships			0.0		0.0
7) Reefers			0.0		0.0
8) Full container ships and high speed liners			0.0		0.0
9) Ro-Ro vessels	3	58 400	9.0	51 320	6.4
10) Car carriers			0.0		0.0
11) LPG carriers (5)			0.0		0.0
12) LNG carriers (5)			0.0		0.0
13) Ferries			0.0		0.0
14) Passenger ships	6	586 000	90.2	742 300	92.3
15) Fishing vessels			0.0		0.0
16) Other non-cargo vessels	1	5 500	0.8	11 000	1.4
TOTAL (=III)	10	649 900	<b>100</b>	804 620	<b>100</b>
V. Value of orderbook	National currency*	US Dollar**	Exchange rate***	%	* Million FIM
Total	14	3	5.096	<b>100</b>	** Million Dollar
of which for export(2)	13	3	5.096	95.0	*** FIM/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Firm contracts only, options not included.

(2) Tonnage to be delivered to foreign countries/flags.

(3) Inclusive of tankers with double bottoms or sides.

(4) Ships fulfilling IMO requirements for double hulled tankers.

(5) Volume in cubic metres: LPG; LNG.

**FINLAND/FINLANDE****II. SHIPS COMPLETED**

YEAR: 1998

	No.	gt	%	cgt(a)	%
I. Ships launched	8	298 200	<b>100</b>	325 460	<b>100</b>
of which for export (1)	5	263 100	88.2	286 140	87.9
II. Ships completed	9	278 800	<b>100</b>	284 380	<b>100</b>
of which for export (1)	7	262 100	94.0	264 380	93.0
III. Types of ships completed (breakdown of II)					
1) Crude oil tankers (single hull) (2)			0.0		0.0
2) Crude oil tankers (double hull) (3)	1	60 000	21.5	27 000	9.5
3) Product and chemical carriers			0.0		0.0
4) Bulk carriers (excl. combined carriers)	1	10 300	3.7	7 200	2.5
5) Combined carriers			0.0		0.0
6) General cargo ships			0.0		0.0
7) Reefers			0.0		0.0
8) Full container ships and high speed liners			0.0		0.0
9) Ro-Ro vessels			0.0		0.0
10) Car carriers			0.0		0.0
11) LPG carriers (4)			0.0		0.0
12) LNG carriers (4)			0.0		0.0
13) Ferries	2	58 600	21.0	52 740	18.5
14) Passenger ships	2	140 800	50.5	176 000	61.9
15) Fishing vessels			0.0		0.0
16) Other non-cargo vessels	3	9 100	3.3	21 440	7.5
TOTAL (=II)	9	278 800	<b>100</b>	284 380	<b>100</b>
IV. Value of ships completed	National currency*	US Dollar**	Exchange rate***	%	* Million FIM
Total	5 204	1 021	5.096	<b>100</b>	** Million Dollar
of which for export(1)	4 754	933	5.096	91.4	*** FIM/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Tonnage to be delivered to foreign countries/flags.

(2) Inclusive of tankers with double bottoms or sides.

(3) Ships fulfilling IMO requirements for double hulled tankers.

(4) Volume in cubic meters: LPG; LNG.

**FINLAND/FINLANDE****III. NEW ORDERS**

YEAR: 1998

	No.	gt	%	cgt(a)	%
I. Orders placed, Total	6	343 500	<b>100</b>	415 500	<b>100</b>
of which for export (1)	4	303 500	88.4	383 500	92.3
II. Types of ships ordered (breakdown of I)					
1) Crude oil tankers (single hull) (2)			0.0		0.0
2) Crude oil tankers (double hull) (3)			0.0		0.0
3) Product and chemical carriers			0.0		0.0
4) Bulk carriers (excl. combined carriers)			0.0		0.0
5) Combined carriers			0.0		0.0
6) General cargo ships			0.0		0.0
7) Reefers			0.0		0.0
8) Full container ships and high speed liners			0.0		0.0
9) Ro-Ro vessels	2	40 000	11.6	32 000	7.7
10) Car carriers			0.0		0.0
11) LPG carriers (4)			0.0		0.0
12) LNG carriers (4)			0.0		0.0
13) Ferries			0.0		0.0
14) Passenger ships	3	298 000	86.8	372 500	89.7
15) Fishing vessels			0.0		0.0
16) Other non-cargo vessels	1	5 500	1.6	11 000	2.6
TOTAL (=I)	6	343 500	<b>100</b>	415 500	<b>100</b>
III. Value of ships ordered	National currency*	US Dollar**	Exchange rate***	%	* Million FIM
Total				<b>100</b>	** Million Dollar
of which for export(1)					*** FIM/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Tonnage to be delivered to foreign countries/flags.

(2) Inclusive of tankers with double bottoms or sides.

(3) Ships fulfilling IMO requirements for double hulled tankers.

(4) Volume in cubic meters: LPG; LNG.

**FINLAND/FINLANDE****IV. SPECIFICATION IN COMPENSATED TONNAGE**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
<b>1) Crude oil tankers (dwt) (single hull) (1)</b>							
under 4 000	1.70						
4 000 - 10 000	1.15						
10 000 - 30 000	0.75						
30 000 - 50 000	0.60						
50 000 - 80 000	0.50						
80 000 - 160 000	0.40						
160 000 - 250 000	0.30						
250 000 and over	0.25						
<b>2) Crude oil tankers (dwt) (double hull) (2)</b>							
under 4 000	1.85						
4 000 - 10 000	1.30						
10 000 - 30 000	0.85						
30 000 - 50 000	0.70						
50 000 - 80 000	0.55						
80 000 - 160 000	0.45			1	27 000		
160 000 - 250 000	0.35						
250 000 and over	0.35						
<b>3) Product &amp; chemical carriers (dwt)</b>							
under 4 000	2.30						
4 000 - 10 000	1.60						
10 000 - 30 000	1.05						
30 000 - 50 000	0.80						
50 000 - 80 000	0.60						
80 000 and over	0.55						

Note: No. is number of ships of 100 gt and over; warships excluded.

(1) Inclusive of tankers with double bottoms or sides.

(2) Ships fulfilling IMO requirements for double hulled tankers.

**FINLAND/FINLANDE****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
4) Bulk carriers (dwt) excluding combined carriers)							
under 4 000	1.60						
4 000 - 10 000	1.10						
10 000 - 30 000	0.70			1	7 200		
30 000 - 50 000	0.60						
50 000 - 80 000	0.50						
80 000 - 160 000	0.40						
160 000 and over	0.30						
5) Combined carriers (dwt)							
under 10 000	(3)						
10 000 - 30 000	0.90						
30 000 - 50 000	0.75						
50 000 - 80 000	0.60						
80 000 - 160 000	0.50						
160 000 and over	0.40						
6) General cargo ships (dwt)							
under 4 000	1.85						
4 000 - 10 000	1.35						
10 000 - 20 000	1.00						
20 000 - 30 000	0.85						
30 000 and over	(4)						
7) Reefers (dwt)							
under 4 000	2.05						
4 000 - 10 000	1.50						
10 000 and over	1.25						

Note: No. is number of ships of 100 gt and over; warships excluded.

(3) Same coefficient as for "bulk carriers".

(4) Same coefficient as for "double hulled crude oil tankers".

**FINLAND/FINLANDE****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
8) Full container ships and high speed liners							
under 4 000	(5)						
4 000 - 10 000	1.20						
10 000 - 20 000	0.90						
20 000 - 30 000	0.80						
30 000 - 50 000	0.75						
50 000 and over	0.65						
9) Ro-Ro vessels							
under 4 000	1.50						
4 000 - 10 000	1.05	1	19 320				
10 000 - 20 000	0.80	2	32 000			2	32 000
20 000 - 30 000	0.70						
30 000 and over	0.65						
10) Car carriers							
under 4 000	1.10						
4 000 - 10 000	0.75						
10 000 - 20 000	0.65						
20 000 - 30 000	0.55						
30 000 and over	0.45						
11) LPG carriers							
under 4 000	2.05						
4 000 - 10 000	1.60						
10 000 - 20 000	1.15						
20 000 - 30 000	0.90						
30 000 - 50 000	0.80						
50 000 and over	0.70						

Note: No. is number of ships of 100 gt and over; warships excluded.

(5) Same coefficient as for "general carriers".

**FINLAND/FINLANDE****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)(based on dwt)**

YEAR: 1995

Types of ships	coefficient	Orderbook end of 1995		Completed in 1995		Ordered in 1995	
		No.	cgt	No.	cgt	No.	cgt
12) LNG carriers							
under 10 000	(6)						
10 000 - 20 000	1.25						
20 000 - 30 000	1.15						
30 000 - 50 000	1.00						
50 000 and over	0.75						
13) Ferries							
under 1 000	3.00						
1 000 - 3 000	2.25						
3 000 - 10 000	1.65						
10 000 - 20 000	1.15						
20 000 and over	0.90			2	52 740		
14) Passenger ships							
under 1 000	6.00						
1 000 - 3 000	4.00						
3 000 - 10 000	3.00						
10 000 - 20 000	2.00						
20 000 - 40 000	1.60	1	44 800				
40 000 - 60 000	1.40						
60 000 and over	1.25	5	697 500	2	176 000	3	372 500
15) Fishing vessels							
under 1 000	4.00						
1 000 - 3 000	3.00						
3 000 and over	2.00						
16) Other non-cargo vessels							
under 1 000	5.00						
1 000 - 3 000	3.20			2	8 640		
3 000 - 10 000	2.00	1	1 100	1	12 800	1	11 000
10 000 and over	1.50						

Note: No. is number of ships of 100 gt and over; warships excluded.

(6) Same coefficient as for "LPG carriers".



**FRANCE****I. L'ETAT DU CARNET DE COMMANDES**

A LA FIN DE 1998

	Nbr.	tb	%	tbc(a)	%
I. Tonnage en construction	20	208 380	33.6	279 947	33.5
II. Tonnage à mettre en chantier (1)	18	411 660	66.4	555 180	66.5
III. Tonnage total en carnet	38	620 040	<b>100</b>	835 127	<b>100</b>
dont pour exportation (2)	16	483 410	78.0	607 887	72.8
IV. Types de navires selon carnet (décomposition de III)					
1) Pétroliers (simple coque) (3)	3	72 000	11.6	57 600	6.9
2) Pétroliers (double coque) (4)					
3) Transporteurs de produits pétroliers et chimiques					
4) Transporteurs de vrac (transporteurs combinés exclus)					
5) Transporteurs combinés					
6) Cargos généraux					
7) Navires réfrigérés					
8) Navires conteneurs et lignes rapides					
9) Navires rouliers					
10) Navires transporteurs d'automobiles					
11) Transporteurs de gaz de pétrole liquide (5)					
12) Transporteurs de gaz naturel liquéfié (5)					
13) Transporteurs de voitures	3	22 580	3.6	32 257	3.9
14) Paquebots	9	501 550	80.9	676 230	81.0
15) Navires de pêche	2	3 380	0.5	10 140	1.2
16) Autres navires non cargos	21	20 530	3.3	58 900	7.1
TOTAL (=III)	38	620 040	<b>100</b>	835 127	<b>100</b>
V. Valeur du carnet	Monnaie nationale*	Dollar EU**	Ech. taux***	%	* Million Francs
Total	17 900			<b>100</b>	** Million Dollar
dont pour exportation (2)	12 000			67.0	*** Francs/Dollar

Note: Nbr. est le nombre de navires de 100 tb et plus, navires militaires exclus.

(a) Voir Table IV: "La spécification en tonnage compensé".

(1) Commandes fermes seulement, options exclues.

(2) Tonnage destiné à être délivré à des pays/pavillons étrangers.

(3) Y compris les pétroliers à doubles fonds ou parois.

(4) Navires remplissant les conditions de l'OMI pour les pétroliers à double coque.

(5) Volume en mètre cubes: GPL; GNL.

**FRANCE****II. NAVIRES ACHEVES**

ANNEE: 1998

	Nbr.	tb	%	tbc(a)	%
I. Navires lancés	8	105 180	<b>100</b>	153 697	<b>100</b>
dont pour exportation (1)	6	90 680	86.2	128 547	83.6
II. Navires achevés	6	142 099	<b>100</b>	211 337	<b>100</b>
dont pour exportation (1)	3	136 400	96.0	191 640	90.7
III. Types achevés (décomposition de II)					
1) Pétroliers (simple coque) (2)					
2) Pétroliers (double coque) (3)					
3) Transporteurs de produits pétroliers et chimiques					
4) Transporteurs de vrac (transporteurs combinés exclus)					
5) Transporteurs combinés					
6) Cargos généraux					
7) Navires réfrigérés					
8) Navires conteneurs et lignes rapides					
9) Navires rouliers					
10) Navires transporteurs d'automobiles					
11) Transporteurs de gaz de pétrole liquide (4)					
12) Transporteurs de gaz naturel liquéfié (4)					
13) Transporteurs de voitures					
14) Paquebots	4	138 600	97.5	200 440	94.8
15) Navires de pêche	1	1 499	1.1	4 497	2.1
16) Autres navires non cargos	1	2 000	1.4	6 400	3.0
TOTAL (=II)	6	142 099	<b>100</b>	211 337	<b>100</b>
VI. Valeur des navires achevés	Monnaie nationale*	Dollar EU**	Ech. taux***	%	* Million Francs
Total	3 800			<b>100</b>	** Million Dollar
of which for export(1)	3 300			87.0	*** Francs/Dollar

Note: Nbr. est le nombre de navires de 100 tb et plus, navires militaires exclus.

(a) Voir Table IV: "La spécification en tonnage compensé".

(1) Tonnage destiné à être délivré à des pays/pavillons étrangers.

(2) Y compris les pétroliers à doubles fonds ou parois.

(3) Navires remplissant les conditions de l'OMI pour les pétroliers à double coque.

(4) Volume en mètre cubes: GPL; GNL.

**FRANCE****III. NOUVELLES COMMANDES**

ANNEE: 1998

	Nbr.	tb	%	tbc(a)	%
I. Commandes passées, Total	30	422 810	<b>100</b>	587 480	<b>100</b>
dont pour exportation (1)	12	405 830	96.0	541 080	92.1
II. Types commandés (décomposition de I)					
1) Pétroliers (simple coque) (2)					
2) Pétroliers (double coque) (3)					
3) Transporteurs de produits pétroliers et chimiques					
4) Transporteurs de vrac (transporteurs combinés exclus)					
5) Transporteurs combinés					
6) Cargos généraux					
7) Navires réfrigérés					
8) Navires conteneurs et lignes rapides					
9) Navires rouliers					
10) Navires transporteurs d'automobiles					
11) Transporteurs de gaz de pétrole liquide (4)					
12) Transporteurs de gaz naturel liquéfié (4)					
13) Transporteurs de voitures	2	17 000	4.0	23 050	3.9
14) Paquebots	6	394 400	93.3	514 140	87.5
15) Navires de pêche	2	3 380	0.8	10 140	1.7
16) Autres navires non cargos	20	8 030	1.9	40 150	6.8
TOTAL (=I)	30	422 810	<b>100</b>	587 480	<b>100</b>
III. Valeur des commandes	Monnaie nationale*	Dollar EU**	Ech. taux***	%	
Total	11 900			<b>100</b>	* Million Francs ** Million Dollar
dont pour exportation (1)	10 700			90.0	*** Francs/Dollar

Note: Nbr. est le nombre de navires de 100 tb et plus, navires militaires exclus.

(a) Voir Table IV: "La spécification en tonnage compensé".

(1) Tonnage destiné à être délivré à des pays/pavillons étrangers.

(2) Y compris les pétroliers à doubles fonds ou parois.

(3) Navires remplissant les conditions de l'OMI pour les pétroliers à double coque.

(4) Volume en mètre cubes: GPL; GNL.

**FRANCE****IV. SPECIFICATION EN TONNAGE COMPENSE**

ANNEE: 1998

Types des navires	coefficient	Carnet fin de 1998		Achevés en 1998		Commandés en 1998	
		Nbr.	tbc	Nbr.	tbc	Nbr.	tbc
<b>1) Pétroliers (tpl) (simple coque) (1)</b>							
sous 4 000	1.70						
4 000 - 10 000	1.15						
10 000 - 30 000	0.75						
30 000 - 50 000	0.60						
50 000 - 80 000	0.50						
80 000 - 160 000	0.40						
160 000 - 250 000	0.30						
250 000 et plus	0.25						
<b>2) Pétroliers (tpl) (double coque) (2)</b>							
sous 4 000	1.85						
4 000 - 10 000	1.30						
10 000 - 30 000	0.85						
30 000 - 50 000	0.70						
50 000 - 80 000	0.55						
80 000 - 160 000	0.45						
160 000 - 250 000	0.35						
250 000 et plus	0.35						
<b>3) Transporteurs de produits pétroliers et chimiques (tpl)</b>							
sous 4 000	2.30						
4 000 - 10 000	1.60						
10 000 - 30 000	1.05						
30 000 - 50 000	0.80	3	57 600				
50 000 - 80 000	0.60						
80 000 et plus	0.55						

Note: Nbr. est le nombre de navires de 100 tb et plus, navires militaires exclus.

(1) Y compris les pétroliers à doubles fonds ou parois.

(2) Navires remplissant les conditions de l'OMI pour les pétroliers à double coque.

**FRANCE****IV. SPECIFICATION EN TONNAGE COMPENSE (suite)**

ANNEE: 1998

Types des navires	coefficient	Carnet fin de 1998		Achevés en 1998		Commandés en 1998	
		Nbr.	tbc	Nbr.	tbc	Nbr.	tbc
4) Transporteurs de vrac (tpl) (transporteurs combinés exclus)							
sous 4 000	1.60						
4 000 - 10 000	1.10						
10 000 - 30 000	0.70						
30 000 - 50 000	0.60						
50 000 - 80 000	0.50						
80 000 - 160 000	0.40						
160 000 et plus	0.30						
5) Transporteurs combinés (tpl)							
sous 10 000	(3)						
10 000 - 30 000	0.90						
30 000 - 50 000	0.75						
50 000 - 80 000	0.60						
80 000 - 160 000	0.50						
160 000 et plus	0.40						
6) Cargos généraux (tpl)							
sous 4 000	1.85						
4 000 - 10 000	1.35						
10 000 - 20 000	1.00						
20 000 - 30 000	0.85						
30 000 et plus	(4)						
7) Reefers (tpl)							
sous 4 000	2.05						
4 000 - 10 000	1.50						
10 000 et plus	1.25						

Note: Nbr. est le nombre de navires de 100 tb et plus, navires militaires exclus.

(3) Le même coefficient que pour les "transporteurs de vrac".

(4) Le même coefficient que pour les "pétroliers à double coque".

**FRANCE****IV. SPECIFICATION EN TONNAGE COMPENSE (suite)**

ANNEE: 1998

Types des navires	coefficient	Carnet fin de 1998		Achevés en 1998		Commandés en 1998	
		Nbr.	tbc	Nbr.	tbc	Nbr.	tbc
8) Navires conteneurs et lignes rapides (tpl)							
sous 4 000	(5)						
4 000 - 10 000	1.20						
10 000 - 20 000	0.90						
20 000 - 30 000	0.80						
30 000 - 50 000	0.75						
50 000 et plus	0.65						
9) Navires rouliers (tpl)							
sous 4 000	1.50						
4 000 - 10 000	1.05						
10 000 - 20 000	0.80						
20 000 - 30 000	0.70						
30 000 et plus	0.65						
10) Navires transporteurs d'automobiles (tpl)							
sous 4 000	1.10						
4 000 - 10 000	0.75						
10 000 - 20 000	0.65						
20 000 - 30 000	0.55						
30 000 et plus	0.45						
11) Transporteurs de gaz de pétrole liquide (tpl)							
sous 4 000	2.05						
4 000 - 10 000	1.60						
10 000 - 20 000	1.15						
20 000 - 30 000	0.90						
30 000 - 50 000	0.80						
50 000 et plus	0.70						

Note: Nbr. est le nombre de navires de 100 tb et plus, navires militaires exclus.

(5) Le même coefficient que pour les "cargos généraux".

**FRANCE****IV. SPECIFICATION EN TONNAGE COMPENSE (suite)**

ANNEE: 1998

Types des navires	coefficient	Carnet fin de 1998		Achevés en 1998		Commandés en 1998	
		Nbr.	tbc	Nbr.	tbc	Nbr.	tbc
<b>12) Transporteurs de gaz naturel liquéfié (tpl)</b>							
sous 10 000	(6)						
10 000 - 20 000	1.25						
20 000 - 30 000	1.15						
30 000 - 50 000	1.00						
50 000 et plus	0.75						
<b>13) Transporteurs de voitures (tb)</b>							
sous 1 000	3.00						
1 000 - 3 000	2.25						
3 000 - 10 000	1.65	2	20 757			1	11 550
10 000 - 20 000	1.15	1	11 500			1	11 500
20 000 et plus	0.90						
<b>14) Paquebots (tb)</b>							
sous 1 000	6.00						
1 000 - 3 000	4.00			1	8 800		
3 000 - 10 000	3.00						
10 000 - 20 000	2.00						
20 000 - 40 000	1.60	4	193 280	2	96 640	2	96 640
40 000 - 60 000	1.40	1	65 450				
60 000 et plus	1.25	4	417 500	1	95 000	4	417 500
<b>15) Navires de pêche (tb)</b>							
sous 1 000	4.00						
1 000 - 3 000	3.00	2	10 140	1	4 497	2	10 140
3 000 et plus	2.00						
<b>16) Autres navires non cargos (tb)</b>							
sous 1 000	5.00	20	40 150			20	40 150
1 000 - 3 000	3.20			1	6 400		
3 000 - 10 000	2.00						
10 000 et plus	1.50	1	18 750				

Note: Nbr. est le nombre de navires de 100 tb et plus, navires militaires exclus.

(5) Le même coefficient que pour les "transporteurs de gaz de pétrole liquide".

**GERMANY/ALLEMAGNE****I. STATE OF THE ORDERBOOK**

STATE AT THE END OF 1998

	No.	gt	%	cgt(a)	%
I. Tonnage building	61	862 922	36.7	1 034 412	41.1
II. Tonnage yet to lay down (1)	80	1 489 724	63.3	1 480 342	58.9
III. Total tonnage on orderbook	141	2 352 646	<b>100</b>	2 514 754	<b>100</b>
of which for export (2)	71	1 622 534	69.0	1 824 562	72.6
IV. Types of ships on orderbook (breakdown of III)					
1) Crude oil tankers (single hull) (3)			0.0		0.0
2) Crude oil tankers (double hull) (4)	2	42 800	1.8	29 960	1.2
3) Product and chemical carriers	10	111 334	4.7	116 904	4.6
4) Bulk carriers (excl. combined carriers)	2	19 600	0.8	13 720	0.5
5) Combined carriers	4	52 400	2.2	47 160	1.9
6) General cargo ships	16	122 788	5.2	158 834	6.3
7) Reefers	2	67 200	2.9	84 000	3.3
8) Full container ships and high speed liners	33	864 287	36.7	634 991	25.3
9) Ro-Ro vessels	19	265 200	11.3	268 565	10.7
10) Car carriers			0.0		0.0
11) LPG carriers (5)	3	19 200	0.8	27 840	1.1
12) LNG carriers (5)			0.0		0.0
13) Ferries	2	2 900	0.1	6 525	0.3
14) Passenger ships	16	710 900	30.2	961 290	38.2
15) Fishing vessels	10	8 450	0.4	33 800	1.3
16) Other non-cargo vessels	22	65 587	2.8	131 165	5.2
TOTAL (=III)	141	2 352 646	<b>100</b>	2 514 754	<b>100</b>
V. Value of orderbook	National currency*	US Dollar**	Exchange rate***	%	* Million Dm
Total	12 876			<b>100</b>	** Million Dollar
of which for export(2)	9 987			77.6	*** Dm/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Firm contracts only, options not included.

(2) Tonnage to be delivered to foreign countries/flags.

(3) Inclusive of tankers with double bottoms or sides.

(4) Ships fulfilling IMO requirements for double hulled tankers.

(5) Volume in cubic metres: LPG: 22 000; LNG.



**GERMANY/ALLEMAGNE****II. SHIPS COMPLETED**

YEAR: 1998

	No.	gt	%	cgt(a)	%
I. Ships launched	94	1 139 295	<b>100</b>	1 124 884	<b>100</b>
of which for export (1)	33	514 401	45.2	529 979	47.1
II. Ships completed	92	1 117 399	<b>100</b>	1 085 797	<b>100</b>
of which for export (1)	27	457 431	40.9	467 375	43.0
III. Types of ships completed (breakdown of II)					
1) Crude oil tankers (single hull) (2)			0.0		0.0
2) Crude oil tankers (double hull) (3)	1	10 298	0.9	8 753	0.8
3) Product and chemical carriers	2	18 966	1.7	19 914	1.8
4) Bulk carriers (excl. combined carriers)			0.0		0.0
5) Combined carriers	6	78 600	7.0	70 740	6.5
6) General cargo ships	13	72 009	6.4	92 724	8.5
7) Reefers			0.0		0.0
8) Full container ships and high speed liners	45	763 620	68.3	630 155	58.0
9) Ro-Ro vessels	3	27 600	2.5	33 480	3.1
10) Car carriers			0.0		0.0
11) LPG carriers (4)	1	10 000	0.9	11 500	1.1
12) LNG carriers (4)			0.0		0.0
13) Ferries	4	6 000	0.5	13 500	1.2
14) Passenger ships	4	114 199	10.2	164 001	15.1
15) Fishing vessels			0.0		0.0
16) Other non-cargo vessels	13	16 107	1.4	41 030	3.8
TOTAL (=II)	92	1 117 399	<b>100</b>	1 085 797	<b>100</b>
IV. Value of ships completed	National currency*	US Dollar**	Exchange rate***	%	* Million Dm
Total	5 026			<b>100</b>	** Million Dollar
of which for export(1)	2 198			43.7	*** Dm/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Tonnage to be delivered to foreign countries/flags.

(2) Inclusive of tankers with double bottoms or sides.

(3) Ships fulfilling IMO requirements for double hulled tankers.

(4) Volume in cubic meters: LPG: 16 662; LNG.

**GERMANY/ALLEMAGNE****III. NEW ORDERS**

YEAR: 1998

	No.	gt	%	cgt(a)	%
I. Orders placed, Total	89	1 497 716	<b>100</b>	1 566 664	<b>100</b>
of which for export (1)	50	1 174 300	78.4	1 262 325	80.6
II. Types of ships ordered (breakdown of I)					
1) Crude oil tankers (single hull) (2)			0.0		0.0
2) Crude oil tankers (double hull) (3)	2	42 800	2.9	29 960	1.9
3) Product and chemical carriers			0.0		0.0
4) Bulk carriers (excl. combined carriers)	2	19 600	1.3	13 720	0.9
5) Combined carriers			0.0		0.0
6) General cargo ships	11	66 766	4.5	86 634	5.5
7) Reefers			0.0		0.0
8) Full container ships and high speed liners	19	601 350	40.2	426 000	27.2
9) Ro-Ro vessels	16	234 600	15.7	231 935	14.8
10) Car carriers			0.0		0.0
11) LPG carriers (4)	1	5 600	0.4	8 960	0.6
12) LNG carriers (4)			0.0		0.0
13) Ferries	1	1 400	0.1	3 150	0.2
14) Passenger ships	10	455 400	30.4	616 040	39.3
15) Fishing vessels	7	5 600	0.4	22 400	1.4
16) Other non-cargo vessels	20	64 600	4.3	127 865	8.2
TOTAL (=I)	89	1 497 716	<b>100</b>	1 566 664	<b>100</b>
III. Value of ships ordered	National currency*	US Dollar**	Exchange rate***	%	
Total	8 412			<b>100</b>	* Million Dm ** Million Dollar
of which for export(1)	7 087			84.2	*** Dm/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Tonnage to be delivered to foreign countries/flags.

(2) Inclusive of tankers with double bottoms or sides.

(3) Ships fulfilling IMO requirements for double hulled tankers.

(4) Volume in cubic meters: LPG: 3800; LNG.

**GERMANY/ALLEMAGNE****IV. SPECIFICATION IN COMPENSATED TONNAGE**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
1) Crude oil tankers (dwt) (single hull) (1)							
under 4 000	1.70						
4 000 - 10 000	1.15						
10 000 - 30 000	0.75						
30 000 - 50 000	0.60						
50 000 - 80 000	0.50						
80 000 - 160 000	0.40						
160 000 - 250 000	0.30						
250 000 and over	0.25						
2) Crude oil tankers (dwt) (double hull) (2)							
under 4 000	1.85						
4 000 - 10 000	1.30						
10 000 - 30 000	0.85			1	8 753		
30 000 - 50 000	0.70	2	29 960			2	29 960
50 000 - 80 000	0.55						
80 000 - 160 000	0.45						
160 000 - 250 000	0.35						
250 000 and over	0.35						
3) Product & chemical carriers (dwt)							
under 4 000	2.30						
4 000 - 10 000	1.60						
10 000 - 30 000	1.05	10	116 904	2	19 914		
30 000 - 50 000	0.80						
50 000 - 80 000	0.60						
80 000 and over	0.55						

Note: No. is number of ships of 100 gt and over; warships excluded.

(1) Inclusive of tankers with double bottoms or sides.

(2) Ships fulfilling IMO requirements for double hulled tankers.

**GERMANY/ALLEMAGNE****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
<b>4) Bulk carriers (dwt) (excluding combined carriers)</b>							
under 4 000	1.60						
4 000 - 10 000	1.10						
10 000 - 30 000	0.70	2	13 720			2	13 720
30 000 - 50 000	0.60						
50 000 - 80 000	0.50						
80 000 - 160 000	0.40						
160 000 and over	0.30						
<b>5) Combined carriers (dwt)</b>							
under 10 000	(3)						
10 000 - 30 000	0.90	4	47 160	6	70 740		
30 000 - 50 000	0.75						
50 000 - 80 000	0.60						
80 000 - 160 000	0.50						
160 000 and over	0.40						
<b>6) General cargo ships (dwt)</b>							
under 4 000	1.85			1	4 625		
4 000 - 10 000	1.35	14	139 034	10	71 699	10	76 634
10 000 - 20 000	1.00	2	19 800	2	16 400	1	10 000
20 000 - 30 000	0.85						
30 000 and over	(4)						
<b>7) Reefers (dwt)</b>							
under 4 000	2.05						
4 000 - 10 000	1.50						
10 000 and over	1.25	2	84 000				

Note: No. is number of ships of 100 gt and over; warships excluded.

(3) Same coefficient as for "bulk carriers".

(4) Same coefficient as for "double hulled crude oil tankers".

**GERMANY/ALLEMAGNE****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
8) Full container ships and high speed liners (dwt)							
under 4 000	(5)						
4 000 - 10 000	1.20	7	38 616	15	89 841	4	21 300
10 000 - 20 000	0.90	2	31 770	8	127 980		
20 000 - 30 000	0.80			3	38 686		
30 000 - 50 000	0.75	19	350 105	19	373 648	10	190 200
50 000 and over	0.65	5	214 500			5	214 500
9) Ro-Ro vessels (dwt)							
under 4 000	1.50	5	51 600	1	15 000	4	36 600
4 000 - 10 000	1.05	9	135 765	2	18 480	7	114 135
10 000 - 20 000	0.80	5	81 200			5	81 200
20 000 - 30 000	0.70						
30 000 and over	0.65						
10) Car carriers (dwt)							
under 4 000	1.10						
4 000 - 10 000	0.75						
10 000 - 20 000	0.65						
20 000 - 30 000	0.55						
30 000 and over	0.45						
11) LPG carriers (dwt)							
under 4 000	2.05	1	7 380				
4 000 - 10 000	1.60	1	8 960			1	8 960
10 000 - 20 000	1.15	1	11 500	1	11 500		
20 000 - 30 000	0.90						
30 000 - 50 000	0.80						
50 000 and over	0.70						

Note: No. is number of ships of 100 gt and over; warships excluded.

(5) Same coefficient as for "general carriers".

**GERMANY/ALLEMAGNE****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
12) LNG carriers (dwt)							
under 10 000	(6)						
10 000 - 20 000	1.25						
20 000 - 30 000	1.15						
30 000 - 50 000	1.00						
50 000 and over	0.75						
13) Ferries (gt)							
under 1 000	3.00						
1 000 - 3 000	2.25	2	6 525	4	13 500	1	3 150
3 000 - 10 000	1.65						
10 000 - 20 000	1.15						
20 000 and over	0.90						
14) Passenger ships (gt)							
under 1 000	6.00	1	3 000	1	3 000	1	3 000
1 000 - 3 000	4.00						
3 000 - 10 000	3.00	2	24 000			1	10 500
10 000 - 20 000	2.00	2	48 000	1	29 432		
20 000 - 40 000	1.60	4	175 040	1	35 840	4	175 040
40 000 - 60 000	1.40						
60 000 and over	1.25	7	711 250	1	95 729	4	427 500
15) Fishing vessels (gt)							
under 1 000	4.00	10	33 800			7	22 400
1 000 - 3 000	3.00						
3 000 and over	2.00						
16) Other non-cargo vessels (gt)							
under 1 000	5.00	13	16 185	10	11 820	11	16 500
1 000 - 3 000	3.20	3	14 080	1	4 598	2	10 240
3 000 - 10 000	2.00	5	55 900	2	24 612	5	55 900
10 000 and over	1.50	1	45 000			2	45 225

Note: No. is number of ships of 100 gt and over; warships excluded.

(6) Same coefficient as for "LPG carriers".

**ITALY/ITALIE****I. STATE OF THE ORDERBOOK**

STATE AT THE END OF 1998

	No.	gt	%	cgt(a)	%
I. Tonnage building	51	1 081 760	42.4	1 162 235	42.2
II. Tonnage yet to lay down (1)	98	1 468 177	57.6	1 589 165	57.8
III. Total tonnage on orderbook	149	2 549 937	<b>100</b>	2 751 400	<b>100</b>
of which for export (2)	19	906 700	35.6	1 092 815	39.7
IV. Types of ships on orderbook (breakdown of III)					
1) Crude oil tankers (single hull) (3)					
2) Crude oil tankers (double hull) (4)					
3) Product and chemical carriers	45	480 760	18.9	495 061	18.0
4) Bulk carriers (excl. combined carriers)	2	76 000	3.0	38 000	1.4
5) Combined carriers					
6) General cargo ships					
7) Reefers	4	52 000	2.0	65 000	2.4
8) Full container ships and high speed liners	8	156 000	6.1	130 900	4.8
9) Ro-Ro vessels	16	337 600	13.2	316 675	11.5
10) Car carriers	3	175 500	6.9	96 525	3.5
11) LPG carriers (5)	4	29 200	1.1	40 420	1.5
12) LNG carriers (5)					
13) Ferries	32	383 610	15.0	415 844	15.1
14) Passenger ships	16	848 560	33.3	1 112 760	40.4
15) Fishing vessels					
16) Other non-cargo vessels	19	10 707	0.4	40 215	1.5
TOTAL (=III)	149	2 549 937	<b>100</b>	2 751 400	<b>100</b>
V. Value of orderbook	National currency*	US Dollar**	Exchange rate***	%	* Million Lit
Total	16 384 651			<b>100</b>	** Million Dollar
of which for export(2)	6 377 282			38.9	*** Lit/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Firm contracts only, options not included.

(2) Tonnage to be delivered to foreign countries/flags.

(3) Inclusive of tankers with double bottoms or sides.

(4) Ships fulfilling IMO requirements for double hulled tankers.

(5) Volume in cubic metres: LPG: 41 400; LNG.

**ITALY/ITALIE****II. SHIPS COMPLETED**

YEAR: 1998

	No.	gt	%	cgt(a)	%
I. Ships launched	29	642 875	<b>100</b>	757 143	<b>100</b>
of which for export (1)	7	401 900	62.5	486 270	64.2
II. Ships completed	36	712 240	<b>100</b>	736 608	<b>100</b>
of which for export (1)	6	306 400	43.0	370 410	50.3
III. Types of ships completed (breakdown of II)					
1) Crude oil tankers (single hull) (2)					
2) Crude oil tankers (double hull) (3)					
3) Product and chemical carriers	9	46 700	6.6	69 265	9.4
4) Bulk carriers (excl. combined carriers)					
5) Combined carriers					
6) General cargo ships					
7) Reefers					
8) Full container ships and high speed liners					
9) Ro-Ro vessels	6	165 700	23.3	126 785	17.2
10) Car carriers	2	115 600	16.2	64 350	8.7
11) LPG carriers (4)	1	5 800	0.8	9 280	1.3
12) LNG carriers (4)	1	43 500	6.1	43 500	5.9
13) Ferries	6	66 420	9.3	74 183	10.1
14) Passenger ships	5	266 620	37.4	339 745	46.1
15) Fishing vessels					
16) Other non-cargo vessels	6	1 900	0.3	9 500	1.3
TOTAL (=II)	36	712 240	<b>100</b>	736 608	<b>100</b>
IV. Value of ships completed	National currency*	US Dollar**	Exchange rate***	%	* Million Lit
Total	4 314 088			<b>100</b>	** Million Dollar
of which for export(1)	2 296 988			53.2	*** Lit/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Tonnage to be delivered to foreign countries/flags.

(2) Inclusive of tankers with double bottoms or sides.

(3) Ships fulfilling IMO requirements for double hulled tankers.

(4) Volume in cubic meters: LPG: 7 160; LNG: 65 000



**ITALY/ITALIE****III. NEW ORDERS**

YEAR: 1998

	No.	gt	%	cgt(a)	%
I. Orders placed, Total	39	757 927	<b>100</b>	821 804	<b>100</b>
of which for export (1)	7	299 300	39.5	382 445	46.5
II. Types of ships ordered (breakdown of I)					
1) Crude oil tankers (single hull) (2)					
2) Crude oil tankers (double hull) (3)					
3) Product and chemical carriers	15	121 140	16.0	144 874	17.9
4) Bulk carriers (excl. combined carriers)					
5) Combined carriers					
6) General cargo ships					
7) Reefers					
8) Full container ships and high speed liners					
9) Ro-Ro vessels	5	110 500	14.6	110 900	13.7
10) Car carriers	2	117 000	15.4	64 350	7.9
11) LPG carriers (4)					
12) LNG carriers (4)					
13) Ferries	7	177 300	23.4	162 045	20.0
14) Passenger ships	6	230 300	30.4	320 700	39.5
15) Fishing vessels					
16) Other non-cargo vessels	4	1 687	0.2	8 435	1.0
TOTAL (=I)	39	757 927	<b>100</b>	811 304	<b>100</b>
III. Value of ships ordered	National currency*	US Dollar**	Exchange rate***	%	* Million Lit
Total	4 846 599			<b>100</b>	** Million Dollar
of which for export(1)	2 232 449			46.1	*** Lit/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Tonnage to be delivered to foreign countries/flags.

(2) Inclusive of tankers with double bottoms or sides.

(3) Ships fulfilling IMO requirements for double hulled tankers.

(4) Volume in cubic meters: LPG; LNG.

**ITALY/ITALIE****IV. SPECIFICATION IN COMPENSATED TONNAGE**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
1) Crude oil tankers (dwt) (single hull) (1)							
under 4 000	1.70						
4 000 - 10 000	1.15						
10 000 - 30 000	0.75						
30 000 - 50 000	0.60						
50 000 - 80 000	0.50						
80 000 - 160 000	0.40						
160 000 - 250 000	0.30						
250 000 and over	0.25						
2) Crude oil tankers (dwt) (double hull) (2)							
under 4 000	1.85						
4 000 - 10 000	1.30						
10 000 - 30 000	0.85						
30 000 - 50 000	0.70						
50 000 - 80 000	0.55						
80 000 - 160 000	0.45						
160 000 - 250 000	0.35						
250 000 and over	0.35						
3) Product & chemical carriers (dwt)							
under 4 000	2.30	1	3 450	1	5 750		
4 000 - 10 000	1.60	20	134 656	6	49 760	9	51 424
10 000 - 30 000	1.05	15	171 675	2	13 755	6	93 450
30 000 - 50 000	0.80	9	185 280				
50 000 - 80 000	0.60						
80 000 and over	0.55						

Note: No. is number of ships of 100 gt and over; warships excluded.

(1) Inclusive of tankers with double bottoms or sides.

(2) Ships fulfilling IMO requirements for double hulled tankers.

**ITALY/ITALIE****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
4) Bulk carriers (dwt) (excluding combined carriers)							
under 4 000	1.60						
4 000 - 10 000	1.10						
10 000 - 30 000	0.70						
30 000 - 50 000	0.60						
50 000 - 80 000	0.50	2	38 000				
80 000 - 160 000	0.40						
160 000 and over	0.30						
5) Combined carriers (dwt)							
under 10 000	(3)						
10 000 - 30 000	0.90						
30 000 - 50 000	0.75						
50 000 - 80 000	0.60						
80 000 - 160 000	0.50						
160 000 and over	0.40						
6) General cargo ships (dwt)							
under 4 000	1.85						
4 000 - 10 000	1.35						
10 000 - 20 000	1.00						
20 000 - 30 000	0.85						
30 000 and over	(4)						
7) Reefers (dwt)							
under 4 000	2.05						
4 000 - 10 000	1.50						
10 000 and over	1.25	4	65 000				

Note: No. is number of ships of 100 gt and over; warships excluded.

(3) Same coefficient as for "bulk carriers".

(4) Same coefficient as for "double hulled crude oil tankers".

**ITALY/ITALIE****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
8) Full container ships and high speed liners (dwt)							
under 4 000	(5)						
4 000 - 10 000	1.20						
10 000 - 20 000	0.90						
20 000 - 30 000	0.80						
30 000 - 50 000	0.75						
50 000 and over	0.65						
9) Ro-Ro vessels (dwt)							
under 4 000	1.50	2	70 500				
4 000 - 10 000	1.05	4	90 720	1	22 785	4	94 500
10 000 - 20 000	0.80	9	121 200	5	104 000	1	16 400
20 000 - 30 000	0.70						
30 000 and over	0.65	1	34 255				
10) Car carriers (dwt)							
under 4 000	1.10						
4 000 - 10 000	0.75						
10 000 - 20 000	0.65						
20 000 - 30 000	0.55	3	96 525	2	64 350	2	64 350
30 000 and over	0.45						
11) LPG carriers (dwt)							
under 4 000	2.05	2	14 580				
4 000 - 10 000	1.60			1	9 280		
10 000 - 20 000	1.15	2	24 840				
20 000 - 30 000	0.90						
30 000 - 50 000	0.80						
50 000 and over	0.70						

Note: No. is number of ships of 100 gt and over; warships excluded.

(5) Same coefficient as for "general carriers".

**ITALY/ITALIE****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
12) LNG carriers (dwt)							
under 10 000	(6)						
10 000 - 20 000	1.25						
20 000 - 30 000	1.15						
30 000 - 50 000	1.00			1	43 500		
50 000 and over	0.75						
13) Ferries (gt)							
under 1 000	3.00						
1 000 - 3 000	2.25	4	15 525	1	4 275		
3 000 - 10 000	1.65	17	134 819	2	14 718	1	5 445
10 000 - 20 000	1.15			2	23 690		
20 000 and over	0.90	11	265 500	1	31 500	6	156 600
14) Passenger ships (gt)							
under 1 000	6.00	1	1 560	1	1 920		
1 000 - 3 000	4.00	2	17 200	1	7 200	2	17 200
3 000 - 10 000	3.00						
10 000 - 20 000	2.00						
20 000 - 40 000	1.60	2	96 000			2	96 000
40 000 - 60 000	1.40	3	168 000				
60 000 and over	1.25	8	830 000	3	330 625	2	207 500
15) Fishing vessels (gt)							
under 1 000	4.00						
1 000 - 3 000	3.00						
3 000 and over	2.00						
16) Other non-cargo vessels (gt)							
under 1 000	5.00	16	26 535	6	9 500	4	8 435
1 000 - 3 000	3.20	2	7 680				
3 000 - 10 000	2.00	1	6 000				
10 000 and over	1.50						

Note: No. is number of ships of 100 gt and over; warships excluded.

(6) Same coefficient as for "LPG carriers".

**NETHERLANDS/PAYS-BAS****I. STATE OF THE ORDERBOOK**

STATE AT THE END OF 1998

	No.	gt	%	cgt(a)	%
I. Tonnage building					
II. Tonnage yet to lay down (1)					
III. Total tonnage on orderbook	149	476 350	<b>100</b>	778 020	<b>100</b>
of which for export (2)	82	256 050	53.8	435 860	56.0
IV. Types of ships on orderbook (breakdown of III)					
1) Crude oil tankers (single hull) (3)					
2) Crude oil tankers (double hull) (4)					
3) Product and chemical carriers	11	44 700	9.4	72 720	9.3
4) Bulk carriers (excl. combined carriers)					
5) Combined carriers					
6) General cargo ships	49	184 800	38.8	272 250	35.0
7) Reefers					
8) Full container ships and high speed liners	15	58 300	12.2	77 630	10.0
9) Ro-Ro vessels	1	3 000	0.6	3 150	0.4
10) Car carriers	1	11 500	2.4	7 475	1.0
11) LPG carriers (5)	1	1 000	0.2	2 050	0.3
12) LNG carriers (5)					
13) Ferries	2	33 500	7.0	33 525	4.3
14) Passenger ships					
15) Fishing vessels	13	12 100	2.5	34 600	4.4
16) Other non-cargo vessels	56	127 450	26.8	274 620	35.3
TOTAL (=III)	149	476 350	<b>100</b>	778 020	<b>100</b>
V. Value of orderbook	National currency*	US Dollar**	Exchange rate***	%	* Million Guilder
Total	3 503			<b>100</b>	** Million Dollar
of which for export(2)	2 122			60.6	*** Guilder/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

- (1) Firm contracts only, options not included.
- (2) Tonnage to be delivered to foreign countries/flags.
- (3) Inclusive of tankers with double bottoms or sides.
- (4) Ships fulfilling IMO requirements for double hulled tankers.
- (5) Volume in cubic metres: LPG; LNG.

**NETHERLANDS/PAYS-BAS****II. SHIPS COMPLETED**

YEAR: 1998

	No.	gt	%	cgt(a)	%	
I. Ships launched						
of which for export (1)						
II. Ships completed	97	334 450	<b>100</b>	521 425	<b>100</b>	
of which for export (1)	58	168 950	50.5	277 010	53.1	
III. Types of ships completed (breakdown of II)						
1) Crude oil tankers (single hull) (2)						
2) Crude oil tankers (double hull) (3)						
3) Product and chemical carriers	4	18 900	5.7	27 595	5.3	
4) Bulk carriers (excl. combined carriers)						
5) Combined carriers						
6) General cargo ships	33	147 000	44.0	192 445	36.9	
7) Reefers						
8) Full container ships and high speed liners	9	30 600	9.1	43 480	8.3	
9) Ro-Ro vessels						
10) Car carriers	1	11 500	3.4	7 475	1.4	
11) LPG carriers (4)						
12) LNG carriers (4)						
13) Ferries	2	13 000	3.9	15 690	3.0	
14) Passenger ships						
15) Fishing vessels	9	9 800	2.9	25 400	4.9	
16) Other non-cargo vessels	39	103 650	31.0	209 340	40.1	
TOTAL (=II)	97	334 450	<b>100</b>	521 425	<b>100</b>	
IV. Value of ships completed	National currency*	US Dollar**	Exchange rate***	%		* Million Guilder
Total	2 196			<b>100</b>		** Million Dollar
of which for export(1)	1 184			53.9		*** Guilder/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Tonnage to be delivered to foreign countries/flags.

(2) Inclusive of tankers with double bottoms or sides.

(3) Ships fulfilling IMO requirements for double hulled tankers.

(4) Volume in cubic meters: LPG; LNG.

**NETHERLANDS/PAYS-BAS****III. NEW ORDERS**

YEAR: 1998

	No.	gt	%	cgt(a)	%
I. Orders placed, Total	124	292 850	<b>100</b>	501 960	<b>100</b>
of which for export (1)	85	187 950	64.2	327 760	65.3
II. Types of ships ordered (breakdown of I)					
1) Crude oil tankers (single hull) (2)					
2) Crude oil tankers (double hull) (3)					
3) Product and chemical carriers	12	42 100	14.4	71 360	14.2
4) Bulk carriers (excl. combined carriers)					
5) Combined carriers					
6) General cargo ships	39	127 800	43.6	198 830	39.6
7) Reefers					
8) Full container ships and high speed liners	7	25 000	8.5	32 600	6.5
9) Ro-Ro vessels	1	3 000	1.0	3 150	0.6
10) Car carriers	1	11 500	3.9	7 475	1.5
11) LPG carriers (4)	1	1 000	0.3	2 050	0.4
12) LNG carriers (4)					
13) Ferries	2	33 500	11.4	33 525	6.7
14) Passenger ships					
15) Fishing vessels	11	4 300	1.5	17 200	3.4
16) Other non-cargo vessels	50	44 650	15.2	135 770	27.0
TOTAL (=I)	124	292 850	<b>100</b>	501 960	<b>100</b>
III. Value of ships ordered	National currency*	US Dollar**	Exchange rate***	%	* Million Guilder
Total				<b>100</b>	** Million Dollar
of which for export(1)					*** Guilder/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Tonnage to be delivered to foreign countries/flags.

(2) Inclusive of tankers with double bottoms or sides.

(3) Ships fulfilling IMO requirements for double hulled tankers.

(4) Volume in cubic meters: LPG; LNG.



**NETHERLANDS/PAYS-BAS****IV. SPECIFICATION IN COMPENSATED TONNAGE**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
1) Crude oil tankers (dwt) (single hull) (1)							
under 4 000	1.70						
4 000 - 10 000	1.15						
10 000 - 30 000	0.75						
30 000 - 50 000	0.60						
50 000 - 80 000	0.50						
80 000 - 160 000	0.40						
160 000 - 250 000	0.30						
250 000 and over	0.25						
2) Crude oil tankers (dwt) (double hull) (2)							
under 4 000	1.85						
4 000 - 10 000	1.30						
10 000 - 30 000	0.85						
30 000 - 50 000	0.70						
50 000 - 80 000	0.55						
80 000 - 160 000	0.45						
160 000 - 250 000	0.35						
250 000 and over	0.35						
3) Product & chemical carriers (dwt)							
under 4 000	2.30						
4 000 - 10 000	1.60						
10 000 - 30 000	1.05						
30 000 - 50 000	0.80						
50 000 - 80 000	0.60						
80 000 and over	0.55						

Note: No. is number of ships of 100 gt and over; warships excluded.

(1) Inclusive of tankers with double bottoms or sides.

(2) Ships fulfilling IMO requirements for double hulled tankers.

**NETHERLANDS/PAYS-BAS****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
4) Bulk carriers (dwt) (excluding combined carriers)							
under 4 000	1.60						
4 000 - 10 000	1.10						
10 000 - 30 000	0.70						
30 000 - 50 000	0.60						
50 000 - 80 000	0.50						
80 000 - 160 000	0.40						
160 000 and over	0.30						
5) Combined carriers (dwt)							
under 10 000	(3)						
10 000 - 30 000	0.90						
30 000 - 50 000	0.75						
50 000 - 80 000	0.60						
80 000 - 160 000	0.50						
160 000 and over	0.40						
6) General cargo ships (dwt)							
under 4 000	1.85						
4 000 - 10 000	1.35						
10 000 - 20 000	1.00						
20 000 - 30 000	0.85						
30 000 and over	(4)						
7) Reefers (dwt)							
under 4 000	2.05						
4 000 - 10 000	1.50						
10 000 and over	1.25						

Note: No. is number of ships of 100 gt and over; warships excluded.

(3) Same coefficient as for "bulk carriers".

(4) Same coefficient as for "double hulled crude oil tankers".

**NETHERLANDS/PAYS-BAS****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
8) Full container ships and high speed liners (dwt)							
under 4 000	(5)						
4 000 - 10 000	1.20						
10 000 - 20 000	0.90						
20 000 - 30 000	0.80						
30 000 - 50 000	0.75						
50 000 and over	0.65						
9) Ro-Ro vessels (dwt)							
under 4 000	1.50						
4 000 - 10 000	1.05						
10 000 - 20 000	0.80						
20 000 - 30 000	0.70						
30 000 and over	0.65						
10) Car carriers (dwt)							
under 4 000	1.10						
4 000 - 10 000	0.75						
10 000 - 20 000	0.65						
20 000 - 30 000	0.55						
30 000 and over	0.45						
11) LPG carriers (dwt)							
under 4 000	2.05						
4 000 - 10 000	1.60						
10 000 - 20 000	1.15						
20 000 - 30 000	0.90						
30 000 - 50 000	0.80						
50 000 and over	0.70						

Note: No. is number of ships of 100 gt and over; warships excluded.

(5) Same coefficient as for "general carriers".

**NETHERLANDS/PAYS-BAS****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
12) LNG carriers (dwt)							
under 10 000	(6)						
10 000 - 20 000	1.25						
20 000 - 30 000	1.15						
30 000 - 50 000	1.00						
50 000 and over	0.75						
13) Ferries (gt)							
under 1 000	3.00						
1 000 - 3 000	2.25						
3 000 - 10 000	1.65						
10 000 - 20 000	1.15						
20 000 and over	0.90						
14) Passenger ships (gt)							
under 1 000	6.00						
1 000 - 3 000	4.00						
3 000 - 10 000	3.00						
10 000 - 20 000	2.00						
20 000 - 40 000	1.60						
40 000 - 60 000	1.40						
60 000 and over	1.25						
15) Fishing vessels (gt)							
under 1 000	4.00						
1 000 - 3 000	3.00						
3 000 and over	2.00						
16) Other non-cargo vessels (gt)							
under 1 000	5.00						
1 000 - 3 000	3.20						
3 000 - 10 000	2.00						
10 000 and over	1.50						

Note: No. is number of ships of 100 gt and over; warships excluded.

(6) Same coefficient as for "LPG carriers".

**SPAIN/ESPAGNE****I. STATE OF THE ORDERBOOK**

STATE AT THE END OF 1998

	No.	gt	%	cgt(a)	%
I. Tonnage building	49	670 842	63.3	538 490	54.9
II. Tonnage yet to lay down (1)	52	388 969	36.7	443 175	45.1
III. Total tonnage on orderbook	101	1 059 811	<b>100</b>	981 665	<b>100</b>
of which for export (2)	71	952 203	89.8	824 127	84.0
IV. Types of ships on orderbook (breakdown of III)					
1) Crude oil tankers (single hull) (3)					
2) Crude oil tankers (double hull) (4)	6	424 848	40.1	191 180	19.5
3) Product and chemical carriers	23	311 730	29.4	315 570	32.1
4) Bulk carriers (excl. combined carriers)					
5) Combined carriers					
6) General cargo ships	5	12 364	1.2	19 433	2.0
7) Reefers					
8) Full container ships and high speed liners					
9) Ro-Ro vessels	8	134 582	12.7	141 311	14.4
10) Car carriers					
11) LPG carriers (5)					
12) LNG carriers (5)					
13) Ferries	4	93 399	8.8	85 107	8.7
14) Passenger ships	1	3 900	0.4	11 700	1.2
15) Fishing vessels	29	67 009	6.3	161 895	16.5
16) Other non-cargo vessels	25	11 979	1.1	55 469	5.7
TOTAL (=III)	101	1 059 811	<b>100</b>	981 665	<b>100</b>
V. Value of orderbook	National currency*	US Dollar**	Exchange rate***	%	* Million Pesetas
Total	494 271			<b>100</b>	** Million Dollar
of which for export(2)	422 072			85.4	*** Pesetas/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Firm contracts only, options not included.

(2) Tonnage to be delivered to foreign countries/flags.

(3) Inclusive of tankers with double bottoms or sides.

(4) Ships fulfilling IMO requirements for double hulled tankers.

(5) Volume in cubic metres: LPG; LNG.

**SPAIN/ESPAGNE****II. SHIPS COMPLETED**

YEAR: 1998

	No.	gt	%	cgt(a)	%	
I. Ships launched	22	268 037	<b>100</b>	214 420	<b>100</b>	
of which for export (1)	15	263 569	98.3	197 265	92.0	
II. Ships completed	86	389 108	<b>100</b>	405 493	<b>100</b>	
of which for export (1)	61	364 317	93.6	348 449	85.9	
III. Types of ships completed (breakdown of II)						
1) Crude oil tankers (single hull) (2)						
2) Crude oil tankers (double hull) (3)	2	139 690	35.9	62 866	15.5	
3) Product and chemical carriers	6	56 642	14.6	64 847	16.0	
4) Bulk carriers (excl. combined carriers)						
5) Combined carriers						
6) General cargo ships	4	16 206	4.2	21 880	5.4	
7) Reefers	1	3 985	1.0	5 977	1.5	
8) Full container ships and high speed liners	3	21 226	5.5	22 487	5.5	
9) Ro-Ro vessels	4	48 320	12.4	55 560	13.7	
10) Car carriers						
11) LPG carriers (4)						
12) LNG carriers (4)						
13) Ferries	4	80 401	20.7	78 494	19.4	
14) Passenger ships						
15) Fishing vessels	41	13 420	3.4	51 500	12.7	
16) Other non-cargo vessels	21	9 218	2.4	41 882	10.3	
TOTAL (=II)	86	389 108	<b>100</b>	405 493	<b>100</b>	
IV. Value of ships completed	National currency*	US Dollar**	Exchange rate***	%		* Million Pesetas
Total	175 865			<b>100</b>		** Million Dollar
of which for export(1)	157 590			89.6		*** Pesetas/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Tonnage to be delivered to foreign countries/flags.

(2) Inclusive of tankers with double bottoms or sides.

(3) Ships fulfilling IMO requirements for double hulled tankers.

(4) Volume in cubic meters: LPG; LNG.

**SPAIN/ESPAGNE****III. NEW ORDERS**

YEAR: 1998

	No.	gt	%	cgt(a)	%
I. Orders placed, Total	49	112 213	<b>100</b>	193 882	<b>100</b>
of which for export (1)	27	76 133	67.8	131 689	67.9
II. Types of ships ordered (breakdown of I)					
1) Crude oil tankers (single hull) (2)					
2) Crude oil tankers (double hull) (3)					
3) Product and chemical carriers	5	62 232	55.5	65 342	33.7
4) Bulk carriers (excl. combined carriers)					
5) Combined carriers					
6) General cargo ships					
7) Reefers					
8) Full container ships and high speed liners					
9) Ro-Ro vessels	1	16 500	14.7	17 325	8.9
10) Car carriers					
11) LPG carriers (4)					
12) LNG carriers (4)					
13) Ferries					
14) Passenger ships					
15) Fishing vessels	25	25 077	22.3	71 641	37.0
16) Other non-cargo vessels	18	8 404	7.5	39 574	20.4
TOTAL (=I)	49	112 213	<b>100</b>	193 882	<b>100</b>
III. Value of ships ordered	National currency*	US Dollar**	Exchange rate***	%	
Total	97 146			<b>100</b>	* Million Pesetas ** Million Dollar
of which for export(1)	73 915			76.1	*** Pesetas/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Tonnage to be delivered to foreign countries/flags.

(2) Inclusive of tankers with double bottoms or sides.

(3) Ships fulfilling IMO requirements for double hulled tankers.

(4) Volume in cubic meters: LPG; LNG.

**SPAIN/ESPAGNE****IV. SPECIFICATION IN COMPENSATED TONNAGE**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
<b>1) Crude oil tankers (dwt) (single hull) (1)</b>							
under 4 000	1.70						
4 000 - 10 000	1.15						
10 000 - 30 000	0.75						
30 000 - 50 000	0.60						
50 000 - 80 000	0.50						
80 000 - 160 000	0.40						
160 000 - 250 000	0.30						
250 000 and over	0.25						
<b>2) Crude oil tankers (dwt) (double hull) (2)</b>							
under 4 000	1.85						
4 000 - 10 000	1.30						
10 000 - 30 000	0.85						
30 000 - 50 000	0.70						
50 000 - 80 000	0.55						
80 000 - 160 000	0.45	6	191 180	2	62 866		
160 000 - 250 000	0.35						
250 000 and over	0.35						
<b>3) Product &amp; chemical carriers (dwt)</b>							
under 4 000	2.30						
4 000 - 10 000	1.60			2	15 632		
10 000 - 30 000	1.05	21	277 974	4	49 215	5	65 432
30 000 - 50 000	0.80	2	37 596				
50 000 - 80 000	0.60						
80 000 and over	0.55						

Note: No. is number of ships of 100 gt and over; warships excluded.

(1) Inclusive of tankers with double bottoms or sides.

(2) Ships fulfilling IMO requirements for double hulled tankers.



**SPAIN/ESPAGNE****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
4) Bulk carriers (dwt) (excluding combined carriers)							
under 4 000	1.60						
4 000 - 10 000	1.10						
10 000 - 30 000	0.70						
30 000 - 50 000	0.60						
50 000 - 80 000	0.50						
80 000 - 160 000	0.40						
160 000 and over	0.30						
5) Combined carriers (dwt)							
under 10 000	(3)						
10 000 - 30 000	0.90						
30 000 - 50 000	0.75						
50 000 - 80 000	0.60						
80 000 - 160 000	0.50						
160 000 and over	0.40						
6) General cargo ships (dwt)							
under 4 000	1.85	3	10 145				
4 000 - 10 000	1.35	2	9 288	4	21 880		
10 000 - 20 000	1.00						
20 000 - 30 000	0.85						
30 000 and over	(4)						
7) Reefers (dwt)							
under 4 000	2.05						
4 000 - 10 000	1.50			1	5 977		
10 000 and over	1.25						

Note: No. is number of ships of 100 gt and over; warships excluded.

(3) Same coefficient as for "bulk carriers".

(4) Same coefficient as for "double hulled crude oil tankers".

**SPAIN/ESPAGNE****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
8) Full container ships and high speed liners (dwt)							
under 4 000	(5)						
4 000 - 10 000	1.20			2	13 532		
10 000 - 20 000	0.90			1	8 955		
20 000 - 30 000	0.80						
30 000 - 50 000	0.75						
50 000 and over	0.65						
9) Ro-Ro vessels (dwt)							
under 4 000	1.50			1	16 080		
4 000 - 10 000	1.05	8	141 311	3	39 480	1	17 325
10 000 - 20 000	0.80						
20 000 - 30 000	0.70						
30 000 and over	0.65						
10) Car carriers (dwt)							
under 4 000	1.10						
4 000 - 10 000	0.75						
10 000 - 20 000	0.65						
20 000 - 30 000	0.55						
30 000 and over	0.45						
11) LPG carriers (dwt)							
under 4 000	2.05						
4 000 - 10 000	1.60						
10 000 - 20 000	1.15						
20 000 - 30 000	0.90						
30 000 - 50 000	0.80						
50 000 and over	0.70						

Note: No. is number of ships of 100 gt and over; warships excluded.

(5) Same coefficient as for "general carriers".

**SPAIN/ESPAGNE****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
12) LNG carriers (dwt)							
under 10 000	(6)						
10 000 - 20 000	1.25						
20 000 - 30 000	1.15						
30 000 - 50 000	1.00						
50 000 and over	0.75						
13) Ferries (gt)							
under 1 000	3.00	1	1 497				
1 000 - 3 000	2.25			1	4 041		
3 000 - 10 000	1.65			1	8 093		
10 000 - 20 000	1.15						
20 000 and over	0.90	3	83 610	2	66 360		
14) Passenger ships (gt)							
under 1 000	6.00						
1 000 - 3 000	4.00						
3 000 - 10 000	3.00	1	11 700				
10 000 - 20 000	2.00						
20 000 - 40 000	1.60						
40 000 - 60 000	1.40						
60 000 and over	1.25						
15) Fishing vessels (gt)							
under 1 000	4.00	13	25 168	40	44 960	19	31 600
1 000 - 3 000	3.00	8	45 879	1	6 540	3	17 061
3 000 and over	2.00	8	90 848			3	22 980
16) Other non-cargo vessels (gt)							
under 1 000	5.00	23	47 600	19	34 400	17	35 225
1 000 - 3 000	3.20	2	7 869	2	7 482	1	4 349
3 000 - 10 000	2.00						
10 000 and over	1.50						

Note: No. is number of ships of 100 gt and over; warships excluded.

(6) Same coefficient as for "LPG carriers".

**SWEDEN/SUEDE**

**There were no new orders or completions in 1998**  
**Il n'y a pas eu des nouvelles commandes ni de navires achevés en 1998**

**UNITED KINGDOM/ROYAUME-UNI****I. STATE OF THE ORDERBOOK**

STATE AT THE END OF 1998

	No.	gt	%	cgt(a)	%
I. Tonnage building	24	229 560	74.3	366 960	74.8
II. Tonnage yet to lay down (1)	6	79 567	25.7	123 634	25.2
III. Total tonnage on orderbook	30	309 127	<b>100</b>	490 594	<b>100</b>
of which for export (2)	15	239 078	77.3	373 800	76.2
IV. Types of ships on orderbook (breakdown of III)					
1) Crude oil tankers (single hull) (3)					
2) Crude oil tankers (double hull) (4)					
3) Product and chemical carriers					
4) Bulk carriers (excl. combined carriers)	2	4 400	1.4	7 040	1.4
5) Combined carriers					
6) General cargo ships					
7) Reefers					
8) Full container ships and high speed liners					
9) Ro-Ro vessels					
10) Car carriers					
11) LPG carriers (5)					
12) LNG carriers (5)					
13) Ferries	5	1 520	0.5	4 560	0.9
14) Passenger ships					
15) Fishing vessels	3	763	0.2	3 052	0.6
16) Other non-cargo vessels	20	302 444	97.8	475 942	97.0
TOTAL (=III)	30	309 127	<b>100</b>	490 594	<b>100</b>
V. Value of orderbook	National currency*	US Dollar**	Exchange rate***	%	* Million Pound
Total	683 293	1 132 490	0.6034	<b>100</b>	** Million Dollar
of which for export(2)	613 753	1 017 234	0.6034	89.8	*** Pound/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Firm contracts only, options not included.

(2) Tonnage to be delivered to foreign countries/flags.

(3) Inclusive of tankers with double bottoms or sides.

(4) Ships fulfilling IMO requirements for double hulled tankers.

(5) Volume in cubic metres: LPG; LNG.

**UNITED KINGDOM/ROYAUME-UNI****II. SHIPS COMPLETED**

YEAR: 1998

	No.	gt	%	cgt(a)	%
I. Ships launched	5	9 621	<b>100</b>	21 566	<b>100</b>
of which for export (1)	2	6 114	63.5	12 228	56.7
II. Ships completed	25	41 758	<b>100</b>	77 116	<b>100</b>
of which for export (1)	9	25 248	60.5	38 135	49.5
III. Types of ships completed (breakdown of II)					
1) Crude oil tankers (single hull) (2)					
2) Crude oil tankers (double hull) (3)					
3) Product and chemical carriers	4	19 947	47.8	23 275	30.2
4) Bulk carriers (excl. combined carriers)					
5) Combined carriers					
6) General cargo ships					
7) Reefers					
8) Full container ships and high speed liners					
9) Ro-Ro vessels					
10) Car carriers					
11) LPG carriers (4)					
12) LNG carriers (4)					
13) Ferries	6	6 600	15.8	13 050	16.9
14) Passenger ships					
15) Fishing vessels	10	3 071	7.4	12 284	15.9
16) Other non-cargo vessels	5	12 140	29.1	28 507	37.0
TOTAL (=II)	25	41 758	<b>100</b>	77 116	<b>100</b>
IV. Value of ships completed	National currency*	US Dollar**	Exchange rate***	%	
Total	172 129	285 278	0.6034	<b>100</b>	* Million Pound ** Million Dollar
of which for export(1)	109 771	181 934	0.6034	63.8	*** Pound/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Tonnage to be delivered to foreign countries/flags.

(2) Inclusive of tankers with double bottoms or sides.

(3) Ships fulfilling IMO requirements for double hulled tankers.

(4) Volume in cubic meters: LPG; LNG.

**UNITED KINGDOM/ROYAUME-UNI****III. NEW ORDERS**

YEAR: 1998

	No.	gt	%	cgt(a)	%
I. Orders placed, Total	20	101 873	<b>100</b>	167 558	<b>100</b>
of which for export (1)	8	97 473	95.7	152 492	91.0
II. Types of ships ordered (breakdown of I)					
1) Crude oil tankers (single hull) (2)					
2) Crude oil tankers (double hull) (3)					
3) Product and chemical carriers					
4) Bulk carriers (excl. combined carriers)					
5) Combined carriers					
6) General cargo ships					
7) Reefers					
8) Full container ships and high speed liners					
9) Ro-Ro vessels					
10) Car carriers					
11) LPG carriers (4)					
12) LNG carriers (4)					
13) Ferries	5	1 520	1.5	4 560	2.7
14) Passenger ships					
15) Fishing vessels	7	1 456	1.4	5 824	3.5
16) Other non-cargo vessels	8	98 897	97.1	157 174	93.8
TOTAL (=I)	20	101 873	<b>100</b>	167 558	<b>100</b>
III. Value of ships ordered	National currency*	US Dollar**	Exchange rate***	%	* Million Pound
Total	387 693	642 562	0.6034	<b>100</b>	** Million Dollar
of which for export(1)	361 043	598 393	0.6034	93.1	*** Pound/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Tonnage to be delivered to foreign countries/flags.

(2) Inclusive of tankers with double bottoms or sides.

(3) Ships fulfilling IMO requirements for double hulled tankers.

(4) Volume in cubic meters: LPG; LNG.

**UNITED KINGDOM/ROYAUME-UNI****IV. SPECIFICATION IN COMPENSATED TONNAGE**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
<b>1) Crude oil tankers (dwt) (single hull) (1)</b>							
under 4 000	1.70						
4 000 - 10 000	1.15						
10 000 - 30 000	0.75						
30 000 - 50 000	0.60						
50 000 - 80 000	0.50						
80 000 - 160 000	0.40						
160 000 - 250 000	0.30						
250 000 and over	0.25						
<b>2) Crude oil tankers (dwt) (double hull) (2)</b>							
under 4 000	1.85						
4 000 - 10 000	1.30						
10 000 - 30 000	0.85						
30 000 - 50 000	0.70						
50 000 - 80 000	0.55						
80 000 - 160 000	0.45						
160 000 - 250 000	0.35						
250 000 and over	0.35						
<b>3) Product &amp; chemical carriers (dwt)</b>							
under 4 000	2.30						
4 000 - 10 000	1.60			3	14 635		
10 000 - 30 000	1.05						
30 000 - 50 000	0.80			1	8 640		
50 000 - 80 000	0.60						
80 000 and over	0.55						

Note: No. is number of ships of 100 gt and over; warships excluded.

(1) Inclusive of tankers with double bottoms or sides.

(2) Ships fulfilling IMO requirements for double hulled tankers.



**UNITED KINGDOM/ROYAUME-UNI****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
<b>4) Bulk carriers (dwt) (excluding combined carriers)</b>							
under 4 000	1.60	2	7 040				
4 000 - 10 000	1.10						
10 000 - 30 000	0.70						
30 000 - 50 000	0.60						
50 000 - 80 000	0.50						
80 000 - 160 000	0.40						
160 000 and over	0.30						
<b>5) Combined carriers (dwt)</b>							
under 10 000	(3)						
10 000 - 30 000	0.90						
30 000 - 50 000	0.75						
50 000 - 80 000	0.60						
80 000 - 160 000	0.50						
160 000 and over	0.40						
<b>6) General cargo ships (dwt)</b>							
under 4 000	1.85						
4 000 - 10 000	1.35						
10 000 - 20 000	1.00						
20 000 - 30 000	0.85						
30 000 and over	(4)						
<b>7) Reefers (dwt)</b>							
under 4 000	2.05						
4 000 - 10 000	1.50						
10 000 and over	1.25						

Note: No. is number of ships of 100 gt and over; warships excluded.

(3) Same coefficient as for "bulk carriers".

(4) Same coefficient as for "double hulled crude oil tankers".

**UNITED KINGDOM/ROYAUME-UNI****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
8) Full container ships and high speed liners (dwt)							
under 4 000	(5)						
4 000 - 10 000	1.20						
10 000 - 20 000	0.90						
20 000 - 30 000	0.80						
30 000 - 50 000	0.75						
50 000 and over	0.65						
9) Ro-Ro vessels (dwt)							
under 4 000	1.50						
4 000 - 10 000	1.05						
10 000 - 20 000	0.80						
20 000 - 30 000	0.70						
30 000 and over	0.65						
10) Car carriers (dwt)							
under 4 000	1.10						
4 000 - 10 000	0.75						
10 000 - 20 000	0.65						
20 000 - 30 000	0.55						
30 000 and over	0.45						
11) LPG carriers (dwt)							
under 4 000	2.05						
4 000 - 10 000	1.60						
10 000 - 20 000	1.15						
20 000 - 30 000	0.90						
30 000 - 50 000	0.80						
50 000 and over	0.70						

Note: No. is number of ships of 100 gt and over; warships excluded.

(5) Same coefficient as for "general carriers".

**UNITED KINGDOM/ROYAUME-UNI****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
12) LNG carriers (dwt)							
under 10 000	(6)						
10 000 - 20 000	1.25						
20 000 - 30 000	1.15						
30 000 - 50 000	1.00						
50 000 and over	0.75						
13) Ferries (gt)							
under 1 000	3.00	5	4 560	5	4 800	5	4 560
1 000 - 3 000	2.25						
3 000 - 10 000	1.65			1	8 250		
10 000 - 20 000	1.15						
20 000 and over	0.90						
14) Passenger ships (gt)							
under 1 000	6.00						
1 000 - 3 000	4.00						
3 000 - 10 000	3.00						
10 000 - 20 000	2.00						
20 000 - 40 000	1.60						
40 000 - 60 000	1.40						
60 000 and over	1.25						
15) Fishing vessels (gt)							
under 1 000	4.00	3	3 052	10	12 284	7	5 824
1 000 - 3 000	3.00						
3 000 and over	2.00						
16) Other non-cargo vessels (gt)							
under 1 000	5.00	5	6 060	1	1 845	2	1 400
1 000 - 3 000	3.20	3	18 774	1	8 320	2	14 774
3 000 - 10 000	2.00	4	32 242	3	18 342		
10 000 and over	1.50	6	418 866			2	141 000

Note: No. is number of ships of 100 gt and over; warships excluded.

(6) Same coefficient as for "LPG carriers".

**POLAND/POLOGNE****I. STATE OF THE ORDERBOOK**

STATE AT THE END OF 1998

	No.	gt	%	cgt(a)	%
I. Tonnage building	15	240 938	23.8	182 786	23.7
II. Tonnage yet to lay down (1)	39	771 089	76.2	587 917	76.3
III. Total tonnage on orderbook	54	1 012 027	<b>100</b>	770 703	<b>100</b>
of which for export (2)	51	1 009 708	99.8	763 746	99.1
IV. Types of ships on orderbook (breakdown of III)					
1) Crude oil tankers (single hull) (3)					
2) Crude oil tankers (double hull) (4)	1	57 700	5.7	25 965	3.4
3) Product and chemical carriers	11	149 908	14.8	150 957	19.6
4) Bulk carriers (excl. combined carriers)	9	179 726	17.8	111 298	14.4
5) Combined carriers					
6) General cargo ships	8	182 000	18.0	136 700	17.7
7) Reefers					
8) Full container ships and high speed liners	15	285 328	28.2	231 921	30.1
9) Ro-Ro vessels					
10) Car carriers	1	57 346	5.7	31 540	4.1
11) LPG carriers (5)	2	93 200	9.2	65 240	8.5
12) LNG carriers (5)					
13) Ferries	7	6 819	0.7	17 082	2.2
14) Passenger ships					
15) Fishing vessels					
16) Other non-cargo vessels					
TOTAL (=III)	54	1 012 027	<b>100</b>	770 703	<b>100</b>
V. Value of orderbook	National currency*	US Dollar**	Exchange rate***	%	* Million PLN
Total	5 525	1 592	3.47	<b>100</b>	** Million Dollar
of which for export(2)	5 477	1 578	3.47	99.1	*** PLN/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Firm contracts only, options not included.

(2) Tonnage to be delivered to foreign countries/flags.

(3) Inclusive of tankers with double bottoms or sides.

(4) Ships fulfilling IMO requirements for double hulled tankers.

(5) Volume in cubic metres: LPG; LNG.

**POLAND/POLOGNE****II. SHIPS COMPLETED**

YEAR: 1998

	No.	gt	%	cgt(a)	%
I. Ships launched	37	667 360	<b>100</b>	515 621	<b>100</b>
of which for export (1)	35	665 814	99.8	510 983	99.1
II. Ships completed	37	673 850	<b>100</b>	517 593	<b>100</b>
of which for export (1)	34	671 404	99.6	509 083	98.4
III. Types of ships completed (breakdown of II)					
1) Crude oil tankers (single hull) (2)					
2) Crude oil tankers (double hull) (3)					
3) Product and chemical carriers	2	32 500	4.8	29 760	5.7
4) Bulk carriers (excl. combined carriers)	5	140 740	20.9	84 444	16.3
5) Combined carriers					
6) General cargo ships					
7) Reefers					
8) Full container ships and high speed liners	26	497 727	73.9	393 131	76.0
9) Ro-Ro vessels					
10) Car carriers					
11) LPG carriers (4)					
12) LNG carriers (4)					
13) Ferries	1	773	0.1	2 319	0.4
14) Passenger ships					
15) Fishing vessels	1	437	0.1	1 748	0.3
16) Other non-cargo vessels	2	1 673	0.2	6 191	1.2
TOTAL (=II)	37	673 850	<b>100</b>	517 593	<b>100</b>
IV. Value of ships completed	National currency*	US Dollar**	Exchange rate***	%	* Million PLN
Total	3 537	1 019	3.47	<b>100</b>	** Million Dollar
of which for export(1)	3 478	1 002	3.47	98.3	*** PLN/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Tonnage to be delivered to foreign countries/flags.

(2) Inclusive of tankers with double bottoms or sides.

(3) Ships fulfilling IMO requirements for double hulled tankers.

(4) Volume in cubic meters: LPG; LNG.

**POLAND/POLOGNE****III. NEW ORDERS**

YEAR: 1998

	No.	gt	%	cgt(a)	%
I. Orders placed, Total	24	380 101	<b>100</b>	330 462	<b>100</b>
of which for export (1)	23	379 328	99.8	328 143	99.3
II. Types of ships ordered (breakdown of I)					
1) Crude oil tankers (single hull) (2)					
2) Crude oil tankers (double hull) (3)					
3) Product and chemical carriers	6	113 028	29.7	104 478	31.6
4) Bulk carriers (excl. combined carriers)					
5) Combined carriers					
6) General cargo ships	4	62 000	16.3	52 700	15.9
7) Reefers					
8) Full container ships and high speed liners	7	106 600	28.0	95 600	28.9
9) Ro-Ro vessels					
10) Car carriers					
11) LPG carriers (4)	2	93 200	24.5	65 240	19.7
12) LNG carriers (4)					
13) Ferries	5	5 273	1.4	12 444	3.8
14) Passenger ships					
15) Fishing vessels					
16) Other non-cargo vessels					
TOTAL (=I)	24	380 101	<b>100</b>	330 462	<b>100</b>
III. Value of ships ordered	National currency*	US Dollar**	Exchange rate***	%	* Million PLN
Total	2 418	697	3.47	<b>100</b>	** Million Dollar
of which for export(1)	2 402	692	3.47	99.3	*** PLN/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Tonnage to be delivered to foreign countries/flags.

(2) Inclusive of tankers with double bottoms or sides.

(3) Ships fulfilling IMO requirements for double hulled tankers.

(4) Volume in cubic meters: LPG: 157 000; LNG.

**POLAND/POLOGNE****IV. SPECIFICATION IN COMPENSATED TONNAGE**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
<b>1) Crude oil tankers (dwt) (single hull) (1)</b>							
under 4 000	1.70						
4 000 - 10 000	1.15						
10 000 - 30 000	0.75						
30 000 - 50 000	0.60						
50 000 - 80 000	0.50						
80 000 - 160 000	0.40						
160 000 - 250 000	0.30						
250 000 and over	0.25						
<b>2) Crude oil tankers (dwt) (double hull) (2)</b>							
under 4 000	1.85						
4 000 - 10 000	1.30						
10 000 - 30 000	0.85						
30 000 - 50 000	0.70						
50 000 - 80 000	0.55						
80 000 - 160 000	0.45	1	25 965				
160 000 - 250 000	0.35						
250 000 and over	0.35						
<b>3) Product &amp; chemical carriers (dwt)</b>							
under 4 000	2.30						
4 000 - 10 000	1.60	3	22 560	1	7 520		
10 000 - 30 000	1.05	6	82 954			4	59 035
30 000 - 50 000	0.80	2	45 443	1	22 240	2	45 443
50 000 - 80 000	0.60						
80 000 and over	0.55						

Note: No. is number of ships of 100 gt and over; warships excluded.

(1) Inclusive of tankers with double bottoms or sides.

(2) Ships fulfilling IMO requirements for double hulled tankers.

**POLAND/POLOGNE****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
<b>4) Bulk carriers (dwt) (excluding combined carriers)</b>							
under 4 000	1.60						
4 000 - 10 000	1.10						
10 000 - 30 000	0.70	3	24 238				
30 000 - 50 000	0.60	6	87 060	5	84 444		
50 000 - 80 000	0.50						
80 000 - 160 000	0.40						
160 000 and over	0.30						
<b>5) Combined carriers (dwt)</b>							
under 10 000	(3)						
10 000 - 30 000	0.90						
30 000 - 50 000	0.75						
50 000 - 80 000	0.60						
80 000 - 160 000	0.50						
160 000 and over	0.40						
<b>6) General cargo ships (dwt)</b>							
under 4 000	1.85						
4 000 - 10 000	1.35						
10 000 - 20 000	1.00						
20 000 - 30 000	0.85	4	52 700			4	52 700
30 000 and over	(4)	4	84 000				
<b>7) Reefers (dwt)</b>							
under 4 000	2.05						
4 000 - 10 000	1.50						
10 000 and over	1.25						

Note: No. is number of ships of 100 gt and over; warships excluded.

(3) Same coefficient as for "bulk carriers".

(4) Same coefficient as for "double hulled crude oil tankers".



**POLAND/POLOGNE****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
8) Full container ships and high speed liners (dwt)							
under 4 000	(5)						
4 000 - 10 000	1.20	2	20 640			3	30 960
10 000 - 20 000	0.90			2	19 353		
20 000 - 30 000	0.80	11	162 960	18	265 784	4	64 640
30 000 - 50 000	0.75	2	48 321	6	107 994		
50 000 and over	0.65						
9) Ro-Ro vessels (dwt)							
under 4 000	1.50						
4 000 - 10 000	1.05						
10 000 - 20 000	0.80						
20 000 - 30 000	0.70						
30 000 and over	0.65						
10) Car carriers (dwt)							
under 4 000	1.10						
4 000 - 10 000	0.75						
10 000 - 20 000	0.65						
20 000 - 30 000	0.55	1	31 540				
30 000 and over	0.45						
11) LPG carriers (dwt)							
under 4 000	2.05						
4 000 - 10 000	1.60						
10 000 - 20 000	1.15						
20 000 - 30 000	0.90						
30 000 - 50 000	0.80						
50 000 and over	0.70	2	65 240			2	65 240

Note: No. is number of ships of 100 gt and over; warships excluded.

(5) Same coefficient as for "general carriers".

**POLAND/POLOGNE****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
12) LNG carriers (dwt)							
under 10 000	(6)						
10 000 - 20 000	1.25						
20 000 - 30 000	1.15						
30 000 - 50 000	1.00						
50 000 and over	0.75						
13) Ferries (gt)							
under 1 000	3.00	3	6 957	1	2 319	1	2 319
1 000 - 3 000	2.25	4	10 125			4	10 125
3 000 - 10 000	1.65						
10 000 - 20 000	1.15						
20 000 and over	0.90						
14) Passenger ships (gt)							
under 1 000	6.00						
1 000 - 3 000	4.00						
3 000 - 10 000	3.00						
10 000 - 20 000	2.00						
20 000 - 40 000	1.60						
40 000 - 60 000	1.40						
60 000 and over	1.25						
15) Fishing vessels (gt)							
under 1 000	4.00			1	1 748		
1 000 - 3 000	3.00						
3 000 and over	2.00						
16) Other non-cargo vessels (gt)							
under 1 000	5.00			1	2 325		
1 000 - 3 000	3.20			1	3 866		
3 000 - 10 000	2.00						
10 000 and over	1.50						

Note: No. is number of ships of 100 gt and over; warships excluded.

(6) Same coefficient as for "LPG carriers".

**NORWAY/NORVEGE****I. STATE OF THE ORDERBOOK**

STATE AT THE END OF 1998

	No.	gt	%	cgt(a)	%
I. Tonnage building					
II. Tonnage yet to lay down (1)					
III. Total tonnage on orderbook	131	481 373	<b>100</b>	984 446	<b>100</b>
of which for export (2)	53	128 427	26.7	345 924	35.1
IV. Types of ships on orderbook (breakdown of III)					
1) Crude oil tankers (single hull) (3)					
2) Crude oil tankers (double hull) (4)					
3) Product and chemical carriers	5	88 827	18.5	123 305	12.5
4) Bulk carriers (excl. combined carriers)					
5) Combined carriers					
6) General cargo ships	4	1 820	0.4	3 700	0.4
7) Reefers					
8) Full container ships and high speed liners					
9) Ro-Ro vessels	2	24 000	5.0	18 690	1.9
10) Car carriers					
11) LPG carriers (5)					
12) LNG carriers (5)					
13) Ferries	10	7 540	1.6	18 518	1.9
14) Passenger ships	1	800	0.2	4 800	0.5
15) Fishing vessels	50	90 767	18.9	244 453	24.8
16) Other non-cargo vessels	59	267 619	55.6	570 980	58.0
TOTAL (=III)	131	481 373	<b>100</b>	984 446	<b>100</b>
V. Value of orderbook	National currency*	US Dollar**	Exchange rate***	%	* Million NOK
Total	23 300	3 000	7.7	<b>100</b>	** Million Dollar
of which for export(2)	7 400	1 000	7.7	31.8	*** NOK/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Firm contracts only, options not included.

(2) Tonnage to be delivered to foreign countries/flags.

(3) Inclusive of tankers with double bottoms or sides.

(4) Ships fulfilling IMO requirements for double hulled tankers.

(5) Volume in cubic metres: LPG; LNG.

**NORWAY/NORVEGE****II. SHIPS COMPLETED**

YEAR: 1998

	No.	gt	%	cgt(a)	%
I. Ships launched					
of which for export (1)					
II. Ships completed	65	227 949	<b>100</b>	402 193	<b>100</b>
of which for export (1)	28	101 461	44.5	162 026	40.3
III. Types of ships completed (breakdown of II)					
1) Crude oil tankers (single hull) (2)					
2) Crude oil tankers (double hull) (3)					
3) Product and chemical carriers	4	64 927	28.5	88 928	22.1
4) Bulk carriers (excl. combined carriers)					
5) Combined carriers					
6) General cargo ships	4	2 270	1.0	4 533	1.1
7) Reefers					
8) Full container ships and high speed liners					
9) Ro-Ro vessels	3	52 550	23.1	22 785	5.7
10) Car carriers			0.0		0.0
11) LPG carriers (4)			0.0		0.0
12) LNG carriers (4)			0.0		0.0
13) Ferries	3	1 721	0.8	4 263	1.1
14) Passenger ships	6	4 750	2.1	23 960	6.0
15) Fishing vessels	19	25 031	11.0	73 024	18.2
16) Other non-cargo vessels	26	76 700	33.6	184 700	45.9
TOTAL (=II)	65	227 949	<b>100</b>	402 193	<b>100</b>
IV. Value of ships completed	National currency*	US Dollar**	Exchange rate***	%	* Million NOK
Total	9 800	1 200	707	<b>100</b>	** Million Dollar
of which for export(1)	4 200	500	707	42.9	*** NOK/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Tonnage to be delivered to foreign countries/flags.

(2) Inclusive of tankers with double bottoms or sides.

(3) Ships fulfilling IMO requirements for double hulled tankers.

(4) Volume in cubic meters: LPG; LNG.

**NORWAY/NORVEGE****III. NEW ORDERS**

YEAR: 1998

	No.	gt	%	cgt(a)	%
I. Orders placed, Total	43	72 514	<b>100</b>	168 354	<b>100</b>
of which for export (1)	7	11 050	15.2	30 348	18.0
II. Types of ships ordered (breakdown of I)					
1) Crude oil tankers (single hull) (2)					
2) Crude oil tankers (double hull) (3)					
3) Product and chemical carriers	1	23 000	31.7	29 600	17.6
4) Bulk carriers (excl. combined carriers)					
5) Combined carriers					
6) General cargo ships	3	1 320	1.8	2 590	1.5
7) Reefers					
8) Full container ships and high speed liners					
9) Ro-Ro vessels					
10) Car carriers					
11) LPG carriers (4)					
12) LNG carriers (4)					
13) Ferries	10	7 600	10.5	18 698	11.1
14) Passenger ships	2	1 270	1.8	7 620	4.5
15) Fishing vessels	14	9 904	13.7	32 166	19.1
16) Other non-cargo vessels	13	29 420	40.6	77 680	46.1
TOTAL (=I)	43	72 514	<b>100</b>	168 354	<b>100</b>
III. Value of ships ordered	National currency*	US Dollar**	Exchange rate***	%	* Million NOK
Total	3 700	500	7.7	<b>100</b>	** Million Dollar
of which for export(1)	400	10	7.7	10.8	*** NOK/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Tonnage to be delivered to foreign countries/flags.

(2) Inclusive of tankers with double bottoms or sides.

(3) Ships fulfilling IMO requirements for double hulled tankers.

(4) Volume in cubic meters: LPG; LNG.

**NORWAY/NORVEGE****IV. SPECIFICATION IN COMPENSATED TONNAGE**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
1) Crude oil tankers (dwt) (single hull) (1)							
under 4 000	1.70						
4 000 - 10 000	1.15						
10 000 - 30 000	0.75						
30 000 - 50 000	0.60						
50 000 - 80 000	0.50						
80 000 - 160 000	0.40						
160 000 - 250 000	0.30						
250 000 and over	0.25						
2) Crude oil tankers (dwt) (double hull) (2)							
under 4 000	1.85						
4 000 - 10 000	1.30						
10 000 - 30 000	0.85						
30 000 - 50 000	0.70						
50 000 - 80 000	0.55						
80 000 - 160 000	0.45						
160 000 - 250 000	0.35						
250 000 and over	0.35						
3) Product & chemical carriers (dwt)							
under 4 000	2.30						
4 000 - 10 000	1.60						
10 000 - 30 000	1.05	2	33 705	2	28 928		
30 000 - 50 000	0.80	3	89 600	2	60 000	1	29 600
50 000 - 80 000	0.60						
80 000 and over	0.55						

Note: No. is number of ships of 100 gt and over; warships excluded.

(1) Inclusive of tankers with double bottoms or sides.

(2) Ships fulfilling IMO requirements for double hulled tankers.

**NORWAY/NORVEGE****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
4) Bulk carriers (dwt) (excluding combined carriers)							
under 4 000	1.60						
4 000 - 10 000	1.10						
10 000 - 30 000	0.70						
30 000 - 50 000	0.60						
50 000 - 80 000	0.50						
80 000 - 160 000	0.40						
160 000 and over	0.30						
5) Combined carriers (dwt)							
under 10 000	(3)						
10 000 - 30 000	0.90						
30 000 - 50 000	0.75						
50 000 - 80 000	0.60						
80 000 - 160 000	0.50						
160 000 and over	0.40						
6) General cargo ships (dwt)							
under 4 000	1.85	4	3 700	4	4 533	3	2 590
4 000 - 10 000	1.35						
10 000 - 20 000	1.00						
20 000 - 30 000	0.85						
30 000 and over	(4)						
7) Reefers (dwt)							
under 4 000	2.05						
4 000 - 10 000	1.50						
10 000 and over	1.25						

Note: No. is number of ships of 100 gt and over; warships excluded.

(3) Same coefficient as for "bulk carriers".

(4) Same coefficient as for "double hulled crude oil tankers".

**NORWAY/NORVEGE****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
8) Full container ships and high speed liners (dwt)							
under 4 000	(5)						
4 000 - 10 000	1.20						
10 000 - 20 000	0.90						
20 000 - 30 000	0.80						
30 000 - 50 000	0.75						
50 000 and over	0.65						
9) Ro-Ro vessels (dwt)							
under 4 000	1.50						
4 000 - 10 000	1.05	2	18 690	3	22 785		
10 000 - 20 000	0.80						
20 000 - 30 000	0.70						
30 000 and over	0.65						
10) Car carriers (dwt)							
under 4 000	1.10						
4 000 - 10 000	0.75						
10 000 - 20 000	0.65						
20 000 - 30 000	0.55						
30 000 and over	0.45						
11) LPG carriers (dwt)							
under 4 000	2.05						
4 000 - 10 000	1.60						
10 000 - 20 000	1.15						
20 000 - 30 000	0.90						
30 000 - 50 000	0.80						
50 000 and over	0.70						

Note: No. is number of ships of 100 gt and over; warships excluded.

(5) Same coefficient as for "general carriers".



**NORWAY/NORVEGE****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
12) LNG carriers (dwt)							
under 10 000	(6)						
10 000 - 20 000	1.25						
20 000 - 30 000	1.15						
30 000 - 50 000	1.00						
50 000 and over	0.75						
13) Ferries (gt)							
under 1 000	3.00	7	6 210	2	1 563	7	6 390
1 000 - 3 000	2.25	3	12 308	1	2 700	3	12 308
3 000 - 10 000	1.65						
10 000 - 20 000	1.15						
20 000 and over	0.90						
14) Passenger ships (gt)							
under 1 000	6.00	1	4 800	5	14 880	2	7 620
1 000 - 3 000	4.00			1	9 080		
3 000 - 10 000	3.00						
10 000 - 20 000	2.00						
20 000 - 40 000	1.60						
40 000 - 60 000	1.40						
60 000 and over	1.25						
15) Fishing vessels (gt)							
under 1 000	4.00	12	14 500	12	28 124	9	9 816
1 000 - 3 000	3.00	33	166 953	5	26 700	5	22 350
3 000 and over	2.00	5	63 000	2	18 200		
16) Other non-cargo vessels (gt)							
under 1 000	5.00	7	19 230			4	12 000
1 000 - 3 000	3.20	27	176 083	18	112 000	4	31 040
3 000 - 10 000	2.00	24	250 240	6	40 600	5	34 640
10 000 and over	1.50	1	125 427	2	32 100		

Note: No. is number of ships of 100 gt and over; warships excluded.

(6) Same coefficient as for "LPG carriers".

**UNITED STATES/ETATS-UNIS****I. STATE OF THE ORDERBOOK**

STATE AT THE END OF 1998

	No.	gt	%	cgt(a)	%
I. Tonnage building			0.0		0.0
II. Tonnage yet to lay down (1)			0.0		0.0
III. Total tonnage on orderbook	105	402 927	<b>100</b>	488 839	<b>100</b>
of which for export (2)			0.0		0.0
IV. Types of ships on orderbook (breakdown of III)					
1) Crude oil tankers (single hull) (3)			0.0		0.0
2) Crude oil tankers (double hull) (4)	3	247 626	61.5	111 432	22.8
3) Product and chemical carriers	2	60 830	15.1	48 664	10.0
4) Bulk carriers (excl. combined carriers)			0.0		0.0
5) Combined carriers			0.0		0.0
6) General cargo ships			0.0		0.0
7) Reefers			0.0		0.0
8) Full container ships and high speed liners			0.0		0.0
9) Ro-Ro vessels	1	1 000	0.2	1 500	0.3
10) Car carriers			0.0		0.0
11) LPG carriers (5)			0.0		0.0
12) LNG carriers (5)			0.0		0.0
13) Ferries	1	97	0.0	485	0.1
14) Passenger ships			0.0		0.0
15) Fishing vessels			0.0		0.0
16) Other non-cargo vessels	98	93 374	23.2	326 758	66.8
TOTAL (=III)	105	402 927	<b>100</b>	488 839	<b>100</b>
V. Value of orderbook	National currency*	US Dollar**	Exchange rate	%	* Million Dollar
Total				<b>100</b>	** Million Dollar
of which for export(2)					

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Firm contracts only, options not included.

(2) Tonnage to be delivered to foreign countries/flags.

(3) Inclusive of tankers with double bottoms or sides.

(4) Ships fulfilling IMO requirements for double hulled tankers.

(5) Volume in cubic metres: LPG; LNG.

**UNITED STATES/ETATS-UNIS****II. SHIPS COMPLETED**

YEAR: 1998

	No.	gt	%	cgt(a)	%
I. Ships launched			<b>100</b>		<b>100</b>
of which for export (1)					
II. Ships completed	159	287 231	<b>100</b>	636 930	<b>100</b>
of which for export (1)			0.0		0.0
III. Types of ships completed (breakdown of II)					
1) Crude oil tankers (single hull) (2)			0.0		0.0
2) Crude oil tankers (double hull) (3)	5	113 245	39.4	114 928	18.0
3) Product and chemical carriers			0.0		0.0
4) Bulk carriers (excl. combined carriers)			0.0		0.0
5) Combined carriers			0.0		0.0
6) General cargo ships			0.0		0.0
7) Reefers			0.0		0.0
8) Full container ships and high speed liners			0.0		0.0
9) Ro-Ro vessels			0.0		0.0
10) Car carriers			0.0		0.0
11) LPG carriers (4)			0.0		0.0
12) LNG carriers (4)			0.0		0.0
13) Ferries	13	26 931	9.4	39 179	6.2
14) Passenger ships			0.0		0.0
15) Fishing vessels			0.0		0.0
16) Other non-cargo vessels	141	147 055	51.2	482 823	75.8
TOTAL (=II)	159	287 231	<b>100</b>	636 930	<b>100</b>
IV. Value of ships completed	National currency*	US Dollar**	Exchange rate***	%	* Million Dollar
Total				<b>100</b>	** Million Dollar
of which for export(1)					0

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Tonnage to be delivered to foreign countries/flags.

(2) Inclusive of tankers with double bottoms or sides.

(3) Ships fulfilling IMO requirements for double hulled tankers.

(4) Volume in cubic meters: LPG; LNG.

**UNITED STATES/ETATS-UNIS****III. NEW ORDERS**

YEAR: 1998

	No.	gt	%	cgt(a)	%
I. Orders placed, Total	55	115 899	<b>100</b>	157 915	<b>100</b>
of which for export (1)			0.0		0.0
II. Types of ships ordered (breakdown of I)					
1) Crude oil tankers (single hull) (2)			0.0		0.0
2) Crude oil tankers (double hull) (3)	1	82 542	71.2	37 144	23.5
3) Product and chemical carriers			0.0		0.0
4) Bulk carriers (excl. combined carriers)			0.0		0.0
5) Combined carriers			0.0		0.0
6) General cargo ships			0.0		0.0
7) Reefers			0.0		0.0
8) Full container ships and high speed liners			0.0		0.0
9) Ro-Ro vessels	1	1 000	0.9	1 500	0.9
10) Car carriers			0.0		0.0
11) LPG carriers (4)			0.0		0.0
12) LNG carriers (4)			0.0		0.0
13) Ferries	2	197	0.2	591	0.4
14) Passenger ships			0.0		0.0
15) Fishing vessels			0.0		0.0
16) Other non-cargo vessels	51	32 160	27.7	118 680	75.2
TOTAL (=I)	55	115 899	<b>100</b>	157 915	<b>100</b>
III. Value of ships ordered	National currency*	US Dollar**	Exchange rate***	%	* Million Dollar
Total				<b>100</b>	** Million Dollar
of which for export(1)					0

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Tonnage to be delivered to foreign countries/flags.

(2) Inclusive of tankers with double bottoms or sides.

(3) Ships fulfilling IMO requirements for double hulled tankers.

(4) Volume in cubic meters: LPG; LNG.

**UNITED STATES/ETATS-UNIS****IV. SPECIFICATION IN COMPENSATED TONNAGE**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
<b>1) Crude oil tankers (dwt) (single hull) (1)</b>							
under 4 000	1.70						
4 000 - 10 000	1.15						
10 000 - 30 000	0.75						
30 000 - 50 000	0.60						
50 000 - 80 000	0.50						
80 000 - 160 000	0.40						
160 000 - 250 000	0.30						
250 000 and over	0.25						
<b>2) Crude oil tankers (dwt) (double hull) (2)</b>							
under 4 000	1.85						
4 000 - 10 000	1.30						
10 000 - 30 000	0.85						
30 000 - 50 000	0.70						
50 000 - 80 000	0.55						
80 000 - 160 000	0.45	3	111 432			1	37 144
160 000 - 250 000	0.35						
250 000 and over	0.35						
<b>3) Product &amp; chemical carriers (dwt)</b>							
under 4 000	2.30						
4 000 - 10 000	1.60						
10 000 - 30 000	1.05						
30 000 - 50 000	0.80	2	48 664	5	114 928		
50 000 - 80 000	0.60						
80 000 and over	0.55						

Note: No. is number of ships of 100 gt and over; warships excluded.

(1) Inclusive of tankers with double bottoms or sides.

(2) Ships fulfilling IMO requirements for double hulled tankers.

**UNITED STATES/ETATS-UNIS****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
4) Bulk carriers (dwt) (excluding combined carriers)							
under 4 000	1.60						
4 000 - 10 000	1.10						
10 000 - 30 000	0.70						
30 000 - 50 000	0.60						
50 000 - 80 000	0.50						
80 000 - 160 000	0.40						
160 000 and over	0.30						
5) Combined carriers (dwt)							
under 10 000	(3)						
10 000 - 30 000	0.90						
30 000 - 50 000	0.75						
50 000 - 80 000	0.60						
80 000 - 160 000	0.50						
160 000 and over	0.40						
6) General cargo ships (dwt)							
under 4 000	1.85						
4 000 - 10 000	1.35						
10 000 - 20 000	1.00						
20 000 - 30 000	0.85						
30 000 and over	(4)						
7) Reefers (dwt)							
under 4 000	2.05						
4 000 - 10 000	1.50						
10 000 and over	1.25						

Note: No. is number of ships of 100 gt and over; warships excluded.

(3) Same coefficient as for "bulk carriers".

(4) Same coefficient as for "double hulled crude oil tankers".

**UNITED STATES/ETATS-UNIS****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
8) Full container ships and high speed liners (dwt)							
under 4 000	(5)						
4 000 - 10 000	1.20						
10 000 - 20 000	0.90						
20 000 - 30 000	0.80						
30 000 - 50 000	0.75						
50 000 and over	0.65						
9) Ro-Ro vessels (dwt)							
under 4 000	1.50	1	1 500			1	1 500
4 000 - 10 000	1.05						
10 000 - 20 000	0.80						
20 000 - 30 000	0.70						
30 000 and over	0.65						
10) Car carriers (dwt)							
under 4 000	1.10						
4 000 - 10 000	0.75						
10 000 - 20 000	0.65						
20 000 - 30 000	0.55						
30 000 and over	0.45						
11) LPG carriers (dwt)							
under 4 000	2.05						
4 000 - 10 000	1.60						
10 000 - 20 000	1.15						
20 000 - 30 000	0.90						
30 000 - 50 000	0.80						
50 000 and over	0.70						

Note: No. is number of ships of 100 gt and over; warships excluded.

(5) Same coefficient as for "general carriers".

**UNITED STATES/ETATS-UNIS****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
12) LNG carriers (dwt)							
under 10 000	(6)						
10 000 - 20 000	1.25						
20 000 - 30 000	1.15						
30 000 - 50 000	1.00						
50 000 and over	0.75						
13) Ferries (gt)							
under 1 000	3.00	1	485	10	10 235	2	591
1 000 - 3 000	2.25			3	28 945		
3 000 - 10 000	1.65						
10 000 - 20 000	1.15						
20 000 and over	0.90						
14) Passenger ships (gt)							
under 1 000	6.00						
1 000 - 3 000	4.00						
3 000 - 10 000	3.00						
10 000 - 20 000	2.00						
20 000 - 40 000	1.60						
40 000 - 60 000	1.40						
60 000 and over	1.25						
15) Fishing vessels (gt)							
under 1 000	4.00						
1 000 - 3 000	3.00						
3 000 and over	2.00						
16) Other non-cargo vessels (gt)							
under 1 000	5.00	54	77 670	64	82 605	36	62 900
1 000 - 3 000	3.20	44	249 088	43	182 867	15	55 780
3 000 - 10 000	2.00			34	217 360		
10 000 and over	1.50						

Note: No. is number of ships of 100 gt and over; warships excluded.

(6) Same coefficient as for "LPG carriers".



**JAPAN/JAPON****I. STATE OF THE ORDERBOOK**

STATE AT THE END OF 1998

	No.	gt	%	cgt(a)	%
I. Tonnage building	258	7 651 119	41.7	4 389 676	45.7
II. Tonnage yet to lay down (1)	222	10 686 400	58.3	5 206 959	54.3
III. Total tonnage on orderbook	480	18 337 519	<b>100</b>	9 596 635	<b>100</b>
of which for export (2)	420	17 177 053	93.7	8 821 220	91.9
IV. Types of ships on orderbook (breakdown of III)					
1) Crude oil tankers (single hull) (3)					
2) Crude oil tankers (double hull) (4)	57	7 011 020	38.2	2 273 519	23.7
3) Product and chemical carriers	46	658 793	3.6	585 526	6.1
4) Bulk carriers (excl. combined carriers)	177	6 457 780	35.2	3 228 060	33.6
5) Combined carriers					
6) General cargo ships	35	251 101	1.4	299 895	3.1
7) Reefers	22	201 550	1.1	299 475	3.1
8) Full container ships and high speed liners	57	1 639 150	8.9	1 227 020	12.8
9) Ro-Ro vessels	4	96 000	0.5	100 800	1.1
10) Car carriers	22	947 320	5.2	610 352	6.4
11) LPG carriers (5)	15	395 180	2.2	348 152	3.6
12) LNG carriers (5)	6	576 600	3.1	442 450	4.6
13) Ferries	8	74 748	0.4	85 798	0.9
14) Passenger ships	3	1 289	0.0	7 734	0.1
15) Fishing vessels	4	2 411	0.0	8 550	0.1
16) Other non-cargo vessels	24	24 577	0.1	79 304	0.8
TOTAL (=III)	480	18 337 519	<b>100</b>	9 596 635	<b>100</b>
V. Value of orderbook	National currency*	US Dollar**	Exchange rate***	%	* Million Yen
Total	1 847 126	14 098	131.02	<b>100</b>	** Million Dollar
of which for export(2)	1 640 313	12 520	131.02	88.8	*** Yen/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Firm contracts only, options not included.

(2) Tonnage to be delivered to foreign countries/flags.

(3) Inclusive of tankers with double bottoms or sides.

(4) Ships fulfilling IMO requirements for double hulled tankers.

(5) Volume in cubic metres: LPG: 659 150; LNG: 697 500

**JAPAN/JAPON****II. SHIPS COMPLETED**

YEAR: 1998

	No.	gt	%	cgt(a)	%
I. Ships launched	515	11 113 916	<b>100</b>	7 151 430	<b>100</b>
of which for export (1)	376	10 150 543	91.3	6 328 318	88.5
II. Ships completed	524	10 383 162	<b>100</b>	7 073 176	<b>100</b>
of which for export (1)	379	9 680 705	93.2	6 280 108	88.8
III. Types of ships completed (breakdown of II)					
1) Crude oil tankers (single hull) (2)	1	199	0.0	338	0.0
2) Crude oil tankers (double hull) (3)	33	1 767 277	17.0	729 395	10.3
3) Product and chemical carriers	61	668 062	6.4	635 974	9.0
4) Bulk carriers (excl. combined carriers)	146	4 052 943	39.0	2 286 555	32.3
5) Combined carriers					
6) General cargo ships	69	332 177	3.2	424 267	6.0
7) Reefers	24	205 783	2.0	299 570	4.2
8) Full container ships and high speed liners	61	2 069 680	19.9	1 503 251	21.3
9) Ro-Ro vessels	6	44 870	0.4	45 062	0.6
10) Car carriers	13	608 600	5.9	379 650	5.4
11) LPG carriers (4)	19	84 001	0.8	129 472	1.8
12) LNG carriers (4)	4	353 000	3.4	278 690	3.9
13) Ferries	14	121 963	1.2	136 313	1.9
14) Passenger ships	2	26 958	0.3	45 069	0.6
15) Fishing vessels	25	13 266	0.1	51 968	0.7
16) Other non-cargo vessels	46	34 383	0.3	127 602	1.8
TOTAL (=II)	524	10 383 162	<b>100</b>	7 073 176	<b>100</b>
IV. Value of ships completed	National currency*	US Dollar**	Exchange rate***	%	* Million Yen
Total	1 338 161	10 213	131.02	<b>100</b>	** Million Dollar
of which for export(1)	1 130 504	8 628	131.02	84.5	*** Yen/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Tonnage to be delivered to foreign countries/flags.

(2) Inclusive of tankers with double bottoms or sides.

(3) Ships fulfilling IMO requirements for double hulled tankers.

(4) Volume in cubic meters: LPG: 89 500; LNG: 423 800

**JAPAN/JAPON****III. NEW ORDERS**

YEAR: 1998

	No.	gt	%	cgt(a)	%
I. Orders placed, Total	409	10 798 767	<b>100</b>	6 234 452	<b>100</b>
of which for export (1)	314	10 324 930	95.6	5 727 615	91.9
II. Types of ships ordered (breakdown of I)					
1) Crude oil tankers (single hull) (2)					
2) Crude oil tankers (double hull) (3)	36	3 379 945	31.3	1 170 314	18.8
3) Product and chemical carriers	41	486 154	4.5	444 511	7.1
4) Bulk carriers (excl. combined carriers)	130	4 440 488	41.1	2 270 689	36.4
5) Combined carriers					
6) General cargo ships	46	275 713	2.6	337 009	5.4
7) Reefers	18	157 600	1.5	236 400	3.8
8) Full container ships and high speed liners	43	983 900	9.1	783 200	12.6
9) Ro-Ro vessels	3	56 100	0.5	58 905	0.9
10) Car carriers	12	455 940	4.2	312 424	5.0
11) LPG carriers (4)	16	190 394	1.8	205 659	3.3
12) LNG carriers (4)	3	240 000	2.2	190 000	3.0
13) Ferries	9	104 747	1.0	111 955	1.8
14) Passenger ships	3	1 289	0.0	7 734	0.1
15) Fishing vessels	16	8 276	0.1	30 914	0.5
16) Other non-cargo vessels	33	18 221	0.2	74 738	1.2
TOTAL (=I)	409	10 798 767	<b>100</b>	6 234 452	<b>100</b>
III. Value of ships ordered	National currency*	US Dollar**	Exchange rate***	%	* Million Yen
Total				<b>100</b>	** Million Dollar
of which for export(1)					*** Yen/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Tonnage to be delivered to foreign countries/flags.

(2) Inclusive of tankers with double bottoms or sides.

(3) Ships fulfilling IMO requirements for double hulled tankers.

(4) Volume in cubic meters: LPG: 298 150; LNG: 292 500

**JAPAN/JAPON****IV. SPECIFICATION IN COMPENSATED TONNAGE**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
1) Crude oil tankers (dwt) (single hull) (1)							
under 4 000	1.70			1	338		
4 000 - 10 000	1.15						
10 000 - 30 000	0.75						
30 000 - 50 000	0.60						
50 000 - 80 000	0.50						
80 000 - 160 000	0.40						
160 000 - 250 000	0.30						
250 000 and over	0.25						
2) Crude oil tankers (dwt) (double hull) (2)							
under 4 000	1.85			4	4 294	1	629
4 000 - 10 000	1.30	1	4 160	6	29 843	4	18 051
10 000 - 30 000	0.85	1	6 520	1	12 410	1	6 520
30 000 - 50 000	0.70						
50 000 - 80 000	0.55	1	21 560			1	21 560
80 000 - 160 000	0.45	16	458 979	18	493 878	13	383 694
160 000 - 250 000	0.35						
250 000 and over	0.35	38	1 782 300	4	188 970	16	739 860
3) Product & chemical carriers (dwt)							
under 4 000	2.30	3	12 075	8	24 708	3	10 230
4 000 - 10 000	1.60	14	112 045	23	162 844	16	123 024
10 000 - 30 000	1.05	15	133 366	14	112 972	15	126 647
30 000 - 50 000	0.80	11	239 360	14	278 120	4	90 560
50 000 - 80 000	0.60	1	25 980	1	25 980		
80 000 and over	0.55	2	62 700	1	31 350	3	94 050

Note: No. is number of ships of 100 gt and over; warships excluded.

(1) Inclusive of tankers with double bottoms or sides.

(2) Ships fulfilling IMO requirements for double hulled tankers.

**JAPAN/JAPON****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
4) Bulk carriers (dwt) (excluding combined carriers)							
under 4 000	1.60			3	7 528	1	797
4 000 - 10 000	1.10	2	47 520	4	16 918	3	52 470
10 000 - 30 000	0.70	24	264 390	30	327 355	20	233 072
30 000 - 50 000	0.60	67	1 039 800	60	977 478	54	822 510
50 000 - 80 000	0.50	62	1 211 740	46	902 220	37	723 990
80 000 - 160 000	0.40	13	401 960	2	51 856	9	262 800
160 000 and over	0.30	9	262 650			6	175 050
5) Combined carriers (dwt)							
under 10 000	(3)						
10 000 - 30 000	0.90						
30 000 - 50 000	0.75						
50 000 - 80 000	0.60						
80 000 - 160 000	0.50						
160 000 and over	0.40						
6) General cargo ships (dwt)							
under 4 000	1.85	7	17 486	30	74 564	15	40 611
4 000 - 10 000	1.35	19	157 209	28	222 712	20	164 107
10 000 - 20 000	1.00	9	125 200	10	126 800	10	132 100
20 000 - 30 000	0.85						
30 000 and over	(4)						
7) Reefers (dwt)							
under 4 000	2.05			2	9 395		
4 000 - 10 000	1.50	21	285 225	18	232 050	18	236 400
10 000 and over	1.25	1	14 250	4	58 125		

Note: No. is number of ships of 100 gt and over; warships excluded.

(3) Same coefficient as for "bulk carriers".

(4) Same coefficient as for "double hulled crude oil tankers".

**JAPAN/JAPON****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
8) Full container ships and high speed liners (dwt)							
under 4 000	(5)						
4 000 - 10 000	1.20	8	86 280	8	66 216	8	86 280
10 000 - 20 000	0.90	13	196 920	18	193 860	11	172 980
20 000 - 30 000	0.80	23	359 080	6	85 120	19	299 040
30 000 - 50 000	0.75			12	433 500		
50 000 and over	0.65	13	584 740	17	724 555	5	224 900
9) Ro-Ro vessels (dwt)							
under 4 000	1.50						
4 000 - 10 000	1.05	4	100 800	4	35 585	3	58 905
10 000 - 20 000	0.80			1	7 992		
20 000 - 30 000	0.70						
30 000 and over	0.65						
10) Car carriers (dwt)							
under 4 000	1.10	4	45 012			2	23 034
4 000 - 10 000	0.75	2	38 550	4	97 125	3	49 800
10 000 - 20 000	0.65	11	367 510	4	123 630	7	239 590
20 000 - 30 000	0.55	5	159 280	5	158 895		
30 000 and over	0.45						
11) LPG carriers (dwt)							
under 4 000	2.05	4	27 942	14	73 633	10	64 085
4 000 - 10 000	1.60	2	21 360	3	18 374	3	28 534
10 000 - 20 000	1.15			1	20 815		
20 000 - 30 000	0.90	2	38 610	1	16 650		
30 000 - 50 000	0.80	7	260 240			3	113 040
50 000 and over	0.70						

Note: No. is number of ships of 100 gt and over; warships excluded.

(5) Same coefficient as for "general carriers".

**JAPAN/JAPON****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
12) LNG carriers (dwt)							
under 10 000	(6)			1	26 240		
10 000 - 20 000	1.25	1	25 000			1	25 000
20 000 - 30 000	1.15						
30 000 - 50 000	1.00						
50 000 and over	0.75	5	417 450	3	252 450	2	165 000
13) Ferries (gt)							
under 1 000	3.00	3	17 353	6	17 903	4	19 147
1 000 - 3 000	2.25	3	26 235	2	12 767	2	23 238
3 000 - 10 000	1.65	2	42 210	5	102 943	3	69 570
10 000 - 20 000	1.15						
20 000 and over	0.90						
14) Passenger ships (gt)							
under 1 000	6.00	2	6 288			2	6 288
1 000 - 3 000	4.00						
3 000 - 10 000	3.00			1	4 202		
10 000 - 20 000	2.00						
20 000 - 40 000	1.60						
40 000 - 60 000	1.40						
60 000 and over	1.25						
15) Fishing vessels (gt)							
under 1 000	4.00	2	5 268	12	27 708	6	14 188
1 000 - 3 000	3.00						
3 000 and over	2.00						
16) Other non-cargo vessels (gt)							
under 1 000	5.00	3	10 120	13	23 885	7	12 945
1 000 - 3 000	3.20	1	4 429	5	29 591	2	7 783
3 000 - 10 000	2.00	3	30 700			2	11 300
10 000 and over	1.50						

Note: No. is number of ships of 100 gt and over; warships excluded.

(6) Same coefficient as for "LPG carriers".

**KOREA/COREE****I. STATE OF THE ORDERBOOK**

STATE AT THE END OF 1998

	No.	gt	%	cgt(a)	%
I. Tonnage building			0.0		0.0
II. Tonnage yet to lay down (1)			0.0		0.0
III. Total tonnage on orderbook	299	19 057 554	<b>100</b>	10 016 476	<b>100</b>
of which for export (2)	299	19 057 554	100.0	10 016 476	100.0
IV. Types of ships on orderbook (breakdown of III)					
1) Crude oil tankers (single hull) (3)			0.0		0.0
2) Crude oil tankers (double hull) (4)	104	9 730 849	51.1	3 652 410	36.5
3) Product and chemical carriers	53	1 519 790	8.0	1 146 932	11.5
4) Bulk carriers (excl. combined carriers)	35	2 207 199	11.6	819 119	8.2
5) Combined carriers	2	125 442	0.7	62 721	0.6
6) General cargo ships	1	22 000	0.1	29 700	0.3
7) Reefers			0.0		0.0
8) Full container ships and high speed liners	55	2 547 892	13.4	1 746 270	17.4
9) Ro-Ro vessels			0.0		0.0
10) Car carriers	19	901 500	4.7	513 475	5.1
11) LPG carriers (5)	6	152 910	0.8	125 356	1.3
12) LNG carriers (5)	11	1 117 500	5.9	838 125	8.4
13) Ferries	2	38 117	0.2	36 835	0.4
14) Passenger ships			0.0		0.0
15) Fishing vessels			0.0		0.0
16) Other non-cargo vessels	11	694 355	3.6	1 045 533	10.4
TOTAL (=III)	299	19 057 554	<b>100</b>	10 016 476	<b>100</b>
V. Value of orderbook	National currency*	US Dollar**	Exchange rate***	%	* Million Won
Total	19 597 654	16 209	1209.06	<b>100</b>	** Million Dollar
of which for export(2)	19 597 654	16 209	1209.06	100.0	*** Won/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Firm contracts only, options not included.

(2) Tonnage to be delivered to foreign countries/flags.

(3) Inclusive of tankers with double bottoms or sides.

(4) Ships fulfilling IMO requirements for double hulled tankers.

(5) Volume in cubic metres: LPG: 255 550; LNG: 1 500 000



**KOREA/COREE****II. SHIPS COMPLETED**

YEAR: 1998

	No.	gt	%	cgt(a)	%
I. Ships launched			<b>100</b>		<b>100</b>
of which for export (1)					
II. Ships completed	163	8 634 593	<b>100</b>	4 311 783	<b>100</b>
of which for export (1)	161	8 632 593	100.0	4 305 383	99.9
III. Types of ships completed (breakdown of II)					
1) Crude oil tankers (single hull) (2)			0.0		0.0
2) Crude oil tankers (double hull) (3)	52	4 863 503	56.3	1 841 958	42.7
3) Product and chemical carriers	21	726 541	8.4	470 698	10.9
4) Bulk carriers (excl. combined carriers)	22	1 162 426	13.5	464 407	10.8
5) Combined carriers	2	125 442	1.5	62 721	1.5
6) General cargo ships	5	74 240	0.9	63 104	1.5
7) Reefers			0.0		0.0
8) Full container ships and high speed liners	37	1 194 675	13.8	889 807	20.6
9) Ro-Ro vessels	6	45 020	0.5	47 721	1.1
10) Car carriers	4	223 600	2.6	128 620	3.0
11) LPG carriers (4)	5	27 326	0.3	43 722	1.0
12) LNG carriers (4)			0.0		0.0
13) Ferries	1	6 500	0.1	10 725	0.2
14) Passenger ships			0.0		0.0
15) Fishing vessels			0.0		0.0
16) Other non-cargo vessels	8	185 320	2.1	288 300	6.7
TOTAL (=II)	163	8 634 593	<b>100</b>	4 311 783	<b>100</b>
IV. Value of ships completed	National currency*	US Dollar**	Exchange rate***	%	* Million Won
Total	8 527 500	7 053	1209.06	<b>100</b>	** Million Dollar
of which for export(1)	8 492 437	7 024	1209.06	99.6	*** Won/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Tonnage to be delivered to foreign countries/flags.

(2) Inclusive of tankers with double bottoms or sides.

(3) Ships fulfilling IMO requirements for double hulled tankers.

(4) Volume in cubic meters: LPG: 37 600; LNG.

**KOREA/COREE****III. NEW ORDERS**

YEAR: 1998

	No.	gt	%	cgt(a)	%
I. Orders placed, Total	175	9 998 518	<b>100</b>	5 402 126	<b>100</b>
of which for export (1)	175	9 998 518	100.0	5 402 126	100.0
II. Types of ships ordered (breakdown of I)					
1) Crude oil tankers (single hull) (2)			0.0		0.0
2) Crude oil tankers (double hull) (3)	52	4 855 909	48.6	1 819 458	33.7
3) Product and chemical carriers	30	832 490	8.3	640 742	11.9
4) Bulk carriers (excl. combined carriers)	14	690 700	6.9	291 970	5.4
5) Combined carriers			0.0		0.0
6) General cargo ships			0.0		0.0
7) Reefers			0.0		0.0
8) Full container ships and high speed liners	50	2 323 892	23.2	1 578 270	29.2
9) Ro-Ro vessels			0.0		0.0
10) Car carriers	15	779 500	7.8	417 575	7.7
11) LPG carriers (4)	4	143 110	1.4	109 676	2.0
12) LNG carriers (4)			0.0		0.0
13) Ferries	2	38 117	0.4	36 835	0.7
14) Passenger ships			0.0		0.0
15) Fishing vessels			0.0		0.0
16) Other non-cargo vessels	8	334 800	3.3	507 600	9.4
TOTAL (=I)	175	9 998 518	<b>100</b>	5 402 126	<b>100</b>
III. Value of ships ordered	National currency*	US Dollar**	Exchange rate***	%	* Million Won
Total	9 580 591	7 924	1209.06	<b>100</b>	** Million Dollar
of which for export(1)	9 580 591	7 924	1209.06	100.0	*** Won/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Tonnage to be delivered to foreign countries/flags.

(2) Inclusive of tankers with double bottoms or sides.

(3) Ships fulfilling IMO requirements for double hulled tankers.

(4) Volume in cubic meters: LPG: 243 100; LNG.

**KOREA/COREE****IV. SPECIFICATION IN COMPENSATED TONNAGE**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
<b>1) Crude oil tankers (dwt) (single hull) (1)</b>							
under 4 000	1.70						
4 000 - 10 000	1.15						
10 000 - 30 000	0.75						
30 000 - 50 000	0.60						
50 000 - 80 000	0.50						
80 000 - 160 000	0.40						
160 000 - 250 000	0.30						
250 000 and over	0.25						
<b>2) Crude oil tankers (dwt) (double hull) (2)</b>							
under 4 000	1.85						
4 000 - 10 000	1.30						
10 000 - 30 000	0.85	1	15 215	2	20 655		
30 000 - 50 000	0.70	3	59 430				
50 000 - 80 000	0.55	7	147 367			3	65 175
80 000 - 160 000	0.45	60	1 867 095	35	1 108 626	33	999 180
160 000 - 250 000	0.35						
250 000 and over	0.35	33	1 563 303	15	712 677	16	755 103
<b>3) Product &amp; chemical carriers (dwt)</b>							
under 4 000	2.30			1	5 060		
4 000 - 10 000	1.60	1	6 000			1	6 000
10 000 - 30 000	1.05			2	13 125		
30 000 - 50 000	0.80	46	971 552	10	195 200	26	561 392
50 000 - 80 000	0.60	2	42 000			2	42 000
80 000 and over	0.55	4	127 380	8	257 313	1	31 350

Note: No. is number of ships of 100 gt and over; warships excluded.

(1) Inclusive of tankers with double bottoms or sides.

(2) Ships fulfilling IMO requirements for double hulled tankers.

**KOREA/COREE****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
4) Bulk carriers (dwt) (excluding combined carriers)							
under 4 000	1.60						
4 000 - 10 000	1.10						
10 000 - 30 000	0.70	2	57 714	2	17 500		
30 000 - 50 000	0.60			5	88 320		
50 000 - 80 000	0.50	16	309 950	6	115 780	11	211 900
80 000 - 160 000	0.40			2	60 827		
160 000 and over	0.30	17	451 455	7	181 979	3	80 070
5) Combined carriers (dwt)							
under 10 000	(3)						
10 000 - 30 000	0.90						
30 000 - 50 000	0.75						
50 000 - 80 000	0.60						
80 000 - 160 000	0.50	2	62 721	2	62 721		
160 000 and over	0.40						
6) General cargo ships (dwt)							
under 4 000	1.85						
4 000 - 10 000	1.35	1	29 700				
10 000 - 20 000	1.00						
20 000 - 30 000	0.85			5	63 104		
30 000 and over	(4)						
7) Reefers (dwt)							
under 4 000	2.05						
4 000 - 10 000	1.50						
10 000 and over	1.25						

Note: No. is number of ships of 100 gt and over; warships excluded.

(3) Same coefficient as for "bulk carriers".

(4) Same coefficient as for "double hulled crude oil tankers".

**KOREA/COREE****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
8) Full container ships and high speed liners (dwt)							
under 4 000	(5)						
4 000 - 10 000	1.20	2	10 560	6	52 362	2	10 560
10 000 - 20 000	0.90	4	60 840	6	90 374	4	60 840
20 000 - 30 000	0.80	4	70 400	5	100 443	4	70 400
30 000 - 50 000	0.75	14	414 000	12	339 989	9	246 000
50 000 and over	0.65	31	1 190 470	8	306 639	31	1 190 470
9) Ro-Ro vessels (dwt)							
under 4 000	1.50						
4 000 - 10 000	1.05			6	47 721		
10 000 - 20 000	0.80						
20 000 - 30 000	0.70						
30 000 and over	0.65						
10) Car carriers (dwt)							
under 4 000	1.10						
4 000 - 10 000	0.75	3	51 000				
10 000 - 20 000	0.65	8	231 400	2	72 800	5	182 000
20 000 - 30 000	0.55	3	89 100	1	30 800	2	59 400
30 000 and over	0.45	5	141 975	1	25 020	8	176 175
11) LPG carriers (dwt)							
under 4 000	2.05						
4 000 - 10 000	1.60	3	25 456	5	43 722	1	9 776
10 000 - 20 000	1.15						
20 000 - 30 000	0.90						
30 000 - 50 000	0.80	1	32 000			1	32 000
50 000 and over	0.70	2	67 900			2	67 900

Note: No. is number of ships of 100 gt and over; warships excluded.

(5) Same coefficient as for "general carriers".

**KOREA/COREE****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
12) LNG carriers (dwt)							
under 10 000	(6)						
10 000 - 20 000	1.25						
20 000 - 30 000	1.15						
30 000 - 50 000	1.00						
50 000 and over	0.75	11	838 125				
13) Ferries (gt)							
under 1 000	3.00						
1 000 - 3 000	2.25						
3 000 - 10 000	1.65			1	10 725		
10 000 - 20 000	1.15	1	11 635			1	11 635
20 000 and over	0.90	1	25 200			1	25 200
14) Passenger ships (gt)							
under 1 000	6.00						
1 000 - 3 000	4.00						
3 000 - 10 000	3.00						
10 000 - 20 000	2.00						
20 000 - 40 000	1.60						
40 000 - 60 000	1.40						
60 000 and over	1.25						
15) Fishing vessels (gt)							
under 1 000	4.00						
1 000 - 3 000	3.00						
3 000 and over	2.00						
16) Other non-cargo vessels (gt)							
under 1 000	5.00			3	4 100	2	2 000
1 000 - 3 000	3.20			1	6 400		
3 000 - 10 000	2.00	1	16 000	1	16 200	1	16 000
10 000 and over	1.50	10	1 029 533	3	261 600	5	489 600

Note: No. is number of ships of 100 gt and over; warships excluded.

(6) Same coefficient as for "LPG carriers".

**TURKEY/TURQUIE****I. STATE OF THE ORDERBOOK**

STATE AT THE END OF 1998

	No.	gt	%	cgt(a)	%
I. Tonnage building	44	231 994	82.9	268 783	77.6
II. Tonnage yet to lay down (1)	9	47 709	17.1	77 462	22.4
III. Total tonnage on orderbook	53	279 703	<b>100</b>	346 245	<b>100</b>
of which for export (2)	14	62 361	22.3	100 285	29.0
IV. Types of ships on orderbook (breakdown of III)					
1) Crude oil tankers (single hull) (3)	3	4 350	1.6	11 730	3.4
2) Crude oil tankers (double hull) (4)	1	5 200	1.9	8 450	2.4
3) Product and chemical carriers	4	8 934	3.2	26 905	7.8
4) Bulk carriers (excl. combined carriers)	2	84 000	30.0	42 000	12.1
5) Combined carriers			0.0		0.0
6) General cargo ships	10	86 810	31.0	125 118	36.1
7) Reefers			0.0		0.0
8) Full container ships and high speed liners	12	71 259	25.5	106 494	30.8
9) Ro-Ro vessels	4	13 200	4.7	13 860	4.0
10) Car carriers			0.0		0.0
11) LPG carriers (5)			0.0		0.0
12) LNG carriers (5)			0.0		0.0
13) Ferries	2	3 190	1.1	7 178	2.1
14) Passenger ships			0.0		0.0
15) Fishing vessels			0.0		0.0
16) Other non-cargo vessels	15	2 760	1.0	4 510	1.3
TOTAL (=III)	53	279 703	<b>100</b>	346 245	<b>100</b>
V. Value of orderbook	National currency*	US Dollar**	Exchange rate***	%	* Million TL
Total	125 513 199	349	360000	<b>100</b>	** Million Dollar
of which for export(2)	53 582 837	149	360000	42.7	*** TL/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Firm contracts only, options not included.

(2) Tonnage to be delivered to foreign countries/flags.

(3) Inclusive of tankers with double bottoms or sides.

(4) Ships fulfilling IMO requirements for double hulled tankers.

(5) Volume in cubic metres: LPG; LNG.

**TURKEY/TURQUIE****II. SHIPS COMPLETED**

YEAR: 1998

	No.	gt	%	cgt(a)	%
I. Ships launched			<b>100</b>		<b>100</b>
of which for export (1)					
II. Ships completed	21	70 697	<b>100</b>	101 130	<b>100</b>
of which for export (1)	11	46 183	65.3	64 210	63.5
III. Types of ships completed (breakdown of II)					
1) Crude oil tankers (single hull) (2)			0.0		0.0
2) Crude oil tankers (double hull) (3)			0.0		0.0
3) Product and chemical carriers	1	3 356	4.7	8 800	8.7
4) Bulk carriers (excl. combined carriers)	3	12 000	17.0	13 200	13.1
5) Combined carriers			0.0		0.0
6) General cargo ships	1	11 500	16.3	16 000	15.8
7) Reefers			0.0		0.0
8) Full container ships and high speed liners	6	42 136	59.6	59 910	59.2
9) Ro-Ro vessels			0.0		0.0
10) Car carriers			0.0		0.0
11) LPG carriers (4)			0.0		0.0
12) LNG carriers (4)			0.0		0.0
13) Ferries			0.0		0.0
14) Passenger ships			0.0		0.0
15) Fishing vessels	3	550	0.8	520	0.5
16) Other non-cargo vessels	7	1 155	1.6	2 700	2.7
TOTAL (=II)	21	70 697	<b>100</b>	101 130	<b>100</b>
IV. Value of ships completed	National currency*	US Dollar**	Exchange rate***	%	* Million TL
Total	40 818 211	113	360000	<b>100</b>	** Million Dollar
of which for export(1)	21 728 739	60	360000	53.2	*** TL/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Tonnage to be delivered to foreign countries/flags.

(2) Inclusive of tankers with double bottoms or sides.

(3) Ships fulfilling IMO requirements for double hulled tankers.

(4) Volume in cubic meters: LPG; LNG.



**TURKEY/TURQUIE****III. NEW ORDERS**

YEAR: 1998

	No.	gt	%	cgt(a)	%
I. Orders placed, Total	9	12 210	<b>100</b>	14 975	<b>100</b>
of which for export (1)	1	3 300	27.0	3 465	23.1
II. Types of ships ordered (breakdown of I)					
1) Crude oil tankers (single hull) (2)			0.0		0.0
2) Crude oil tankers (double hull) (3)			0.0		0.0
3) Product and chemical carriers			0.0		0.0
4) Bulk carriers (excl. combined carriers)			0.0		0.0
5) Combined carriers			0.0		0.0
6) General cargo ships			0.0		0.0
7) Reefers			0.0		0.0
8) Full container ships and high speed liners	1	7 300	59.8	9 900	66.1
9) Ro-Ro vessels	1	3 300	27.0	3 465	23.1
10) Car carriers			0.0		0.0
11) LPG carriers (4)			0.0		0.0
12) LNG carriers (4)			0.0		0.0
13) Ferries			0.0		0.0
14) Passenger ships			0.0		0.0
15) Fishing vessels			0.0		0.0
16) Other non-cargo vessels	7	1 610	13.2	1 610	10.8
TOTAL (=I)	9	12 210	<b>100</b>	14 975	<b>100</b>
III. Value of ships ordered	National currency*	US Dollar**	Exchange rate***	%	* Million TL
Total	19 602 480	54	360000	<b>100</b>	** Million Dollar
of which for export(1)	3 054 400	8	360000	15.6	*** TL/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Tonnage to be delivered to foreign countries/flags.

(2) Inclusive of tankers with double bottoms or sides.

(3) Ships fulfilling IMO requirements for double hulled tankers.

(4) Volume in cubic meters: LPG; LNG.

**TURKEY/TUROUIE****IV. SPECIFICATION IN COMPENSATED TONNAGE**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
<b>1) Crude oil tankers (dwt) (single hull) (1)</b>							
under 4 000	1.70	3	11 730				
4 000 - 10 000	1.15						
10 000 - 30 000	0.75						
30 000 - 50 000	0.60						
50 000 - 80 000	0.50						
80 000 - 160 000	0.40						
160 000 - 250 000	0.30						
250 000 and over	0.25						
<b>2) Crude oil tankers (dwt) (double hull) (2)</b>							
under 4 000	1.85						
4 000 - 10 000	1.30	1	8 450				
10 000 - 30 000	0.85						
30 000 - 50 000	0.70						
50 000 - 80 000	0.55						
80 000 - 160 000	0.45						
160 000 - 250 000	0.35						
250 000 and over	0.35						
<b>3) Product &amp; chemical carriers (dwt)</b>							
under 4 000	2.30	2	11 385				
4 000 - 10 000	1.60	2	15 520	1	8 800		
10 000 - 30 000	1.05						
30 000 - 50 000	0.80						
50 000 - 80 000	0.60						
80 000 and over	0.55						

Note: No. is number of ships of 100 gt and over; warships excluded.

(1) Inclusive of tankers with double bottoms or sides.

(2) Ships fulfilling IMO requirements for double hulled tankers.

**TURKEY/TUROUIE****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
4) Bulk carriers (dwt) (excluding combined carriers)							
under 4 000	1.60						
4 000 - 10 000	1.10			3	13 200		
10 000 - 30 000	0.70						
30 000 - 50 000	0.60						
50 000 - 80 000	0.50	2	42 000				
80 000 - 160 000	0.40						
160 000 and over	0.30						
5) Combined carriers (dwt)							
under 10 000	(3)						
10 000 - 30 000	0.90						
30 000 - 50 000	0.75						
50 000 - 80 000	0.60						
80 000 - 160 000	0.50						
160 000 and over	0.40						
6) General cargo ships (dwt)							
under 4 000	1.85						
4 000 - 10 000	1.35	4	33 818				
10 000 - 20 000	1.00	6	91 300	1	16 000		
20 000 - 30 000	0.85						
30 000 and over	(4)						
7) Reefers (dwt)							
under 4 000	2.05						
4 000 - 10 000	1.50						
10 000 and over	1.25						

Note: No. is number of ships of 100 gt and over; warships excluded.

(3) Same coefficient as for "bulk carriers".

(4) Same coefficient as for "double hulled crude oil tankers".

**TURKEY/TURQUIE****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
8) Full container ships and high speed liners (dwt)							
under 4 000	(5)						
4 000 - 10 000	1.20	9	73 104	3	27 600		
10 000 - 20 000	0.90	3	33 390	3	32 310	1	9 900
20 000 - 30 000	0.80						
30 000 - 50 000	0.75						
50 000 and over	0.65						
9) Ro-Ro vessels (dwt)							
under 4 000	1.50						
4 000 - 10 000	1.05	4	13 860			1	3 465
10 000 - 20 000	0.80						
20 000 - 30 000	0.70						
30 000 and over	0.65						
10) Car carriers (dwt)							
under 4 000	1.10						
4 000 - 10 000	0.75						
10 000 - 20 000	0.65						
20 000 - 30 000	0.55						
30 000 and over	0.45						
11) LPG carriers (dwt)							
under 4 000	2.05						
4 000 - 10 000	1.60						
10 000 - 20 000	1.15						
20 000 - 30 000	0.90						
30 000 - 50 000	0.80						
50 000 and over	0.70						

Note: No. is number of ships of 100 gt and over; warships excluded.

(5) Same coefficient as for "general carriers".

**TURKEY/TUROUIE****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
12) LNG carriers (dwt)							
under 10 000	(6)						
10 000 - 20 000	1.25						
20 000 - 30 000	1.15						
30 000 - 50 000	1.00						
50 000 and over	0.75						
13) Ferries (gt)							
under 1 000	3.00						
1 000 - 3 000	2.25	2	7 178				
3 000 - 10 000	1.65						
10 000 - 20 000	1.15						
20 000 and over	0.90						
14) Passenger ships (gt)							
under 1 000	6.00						
1 000 - 3 000	4.00						
3 000 - 10 000	3.00						
10 000 - 20 000	2.00						
20 000 - 40 000	1.60						
40 000 - 60 000	1.40						
60 000 and over	1.25						
15) Fishing vessels (gt)							
under 1 000	4.00			3	520		
1 000 - 3 000	3.00						
3 000 and over	2.00						
16) Other non-cargo vessels (gt)							
under 1 000	5.00	15	4 510	7	2 700	7	1 610
1 000 - 3 000	3.20						
3 000 - 10 000	2.00						
10 000 and over	1.50						

Note: No. is number of ships of 100 gt and over; warships excluded.

(6) Same coefficient as for "LPG carriers".

**CHINESE TAIPEI/TAIPEI CHINOIS****I. STATE OF THE ORDERBOOK**

STATE AT THE END OF 1998

	No.	gt	%	cgt(a)	%
I. Tonnage building			0.0		0.0
II. Tonnage yet to lay down (1)			0.0		0.0
III. Total tonnage on orderbook	37	1 225 119	<b>100</b>	825 240	<b>100</b>
of which for export (2)	30	900 120	73.5	641 800	77.8
IV. Types of ships on orderbook (breakdown of III)					
1) Crude oil tankers (single hull) (3)			0.0		0.0
2) Crude oil tankers (double hull) (4)			0.0		0.0
3) Product and chemical carriers	1	999	0.1	2 300	0.3
4) Bulk carriers (excl. combined carriers)	11	478 000	39.0	238 900	28.9
5) Combined carriers			0.0		0.0
6) General cargo ships	2	76 000	6.2	82 080	9.9
7) Reefers	2	27 400	2.2	34 200	4.1
8) Full container ships and high speed liners	21	642 720	52.5	467 760	56.7
9) Ro-Ro vessels			0.0		0.0
10) Car carriers			0.0		0.0
11) LPG carriers (5)			0.0		0.0
12) LNG carriers (5)			0.0		0.0
13) Ferries			0.0		0.0
14) Passenger ships			0.0		0.0
15) Fishing vessels			0.0		0.0
16) Other non-cargo vessels			0.0		0.0
TOTAL (=III)	37	1 225 119	<b>100</b>	825 240	<b>100</b>
V. Value of orderbook	National currency*	US Dollar**	Exchange rate***	%	* Million TWD
Total	38 907	12 969	3	<b>100</b>	** Million Dollar
of which for export(2)	31 066	10 355	3	79.8	*** TWD/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Firm contracts only, options not included.

(2) Tonnage to be delivered to foreign countries/flags.

(3) Inclusive of tankers with double bottoms or sides.

(4) Ships fulfilling IMO requirements for double hulled tankers.

(5) Volume in cubic metres: LPG; LNG.

**CHINESE TAIPEI/TAIPEI CHINOIS****II. SHIPS COMPLETED**

YEAR: 1998

	No.	gt	%	cgt(a)	%
I. Ships launched			<b>100</b>		<b>100</b>
of which for export (1)					
II. Ships completed	18	442 300	<b>100</b>	318 960	<b>100</b>
of which for export (1)	16	343 600	77.7	272 480	85.4
III. Types of ships completed (breakdown of II)					
1) Crude oil tankers (single hull) (2)			0.0		0.0
2) Crude oil tankers (double hull) (3)			0.0		0.0
3) Product and chemical carriers			0.0		0.0
4) Bulk carriers (excl. combined carriers)	1	79 500	18.0	31 800	10.0
5) Combined carriers			0.0		0.0
6) General cargo ships			0.0		0.0
7) Reefers			0.0		0.0
8) Full container ships and high speed liners	17	362 800	82.0	287 160	90.0
9) Ro-Ro vessels			0.0		0.0
10) Car carriers			0.0		0.0
11) LPG carriers (4)			0.0		0.0
12) LNG carriers (4)			0.0		0.0
13) Ferries			0.0		0.0
14) Passenger ships			0.0		0.0
15) Fishing vessels			0.0		0.0
16) Other non-cargo vessels			0.0		0.0
TOTAL (=II)	18	442 300	<b>100</b>	318 960	<b>100</b>
IV. Value of ships completed	National currency*	US Dollar**	Exchange rate***	%	* Million TWD
Total	15 144	551	27.5	<b>100</b>	** Million Dollar
of which for export(1)	13 365	486	27.5	88.3	*** TWD/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Tonnage to be delivered to foreign countries/flags.

(2) Inclusive of tankers with double bottoms or sides.

(3) Ships fulfilling IMO requirements for double hulled tankers.

(4) Volume in cubic meters: LPG; LNG.

**CHINESE TAIPEI/TAIPEI CHINOIS****III. NEW ORDERS**

YEAR: 1998

	No.	gt	%	cgt(a)	%
I. Orders placed, Total	18	651 199	<b>100</b>	440 440	<b>100</b>
of which for export (1)	13	483 700	74.3	344 870	78.3
II. Types of ships ordered (breakdown of I)					
1) Crude oil tankers (single hull) (2)			0.0		0.0
2) Crude oil tankers (double hull) (3)			0.0		0.0
3) Product and chemical carriers	1	999	0.2	2 300	0.5
4) Bulk carriers (excl. combined carriers)	3	144 000	22.1	71 900	16.3
5) Combined carriers			0.0		0.0
6) General cargo ships			0.0		0.0
7) Reefers	2	27 400	4.2	34 200	7.8
8) Full container ships and high speed liners	12	478 800	73.5	332 040	75.4
9) Ro-Ro vessels			0.0		0.0
10) Car carriers			0.0		0.0
11) LPG carriers (4)			0.0		0.0
12) LNG carriers (4)			0.0		0.0
13) Ferries			0.0		0.0
14) Passenger ships			0.0		0.0
15) Fishing vessels			0.0		0.0
16) Other non-cargo vessels			0.0		0.0
TOTAL (=I)	18	651 199	<b>100</b>	440 440	<b>100</b>
III. Value of ships ordered	National currency*	US Dollar**	Exchange rate***	%	* Million TWD
Total	22 310	656	34	<b>100</b>	** Million Dollar
of which for export(1)	16 118	474	34	72.2	*** TWD/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Tonnage to be delivered to foreign countries/flags.

(2) Inclusive of tankers with double bottoms or sides.

(3) Ships fulfilling IMO requirements for double hulled tankers.

(4) Volume in cubic meters: LPG; LNG.



**CHINESE TAIPEI/TAIPEI CHINOIS****IV. SPECIFICATION IN COMPENSATED TONNAGE**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
1) Crude oil tankers (dwt) (single hull) (1)							
under 4 000	1.70						
4 000 - 10 000	1.15						
10 000 - 30 000	0.75						
30 000 - 50 000	0.60						
50 000 - 80 000	0.50						
80 000 - 160 000	0.40						
160 000 - 250 000	0.30						
250 000 and over	0.25						
2) Crude oil tankers (dwt) (double hull) (2)							
under 4 000	1.85						
4 000 - 10 000	1.30						
10 000 - 30 000	0.85						
30 000 - 50 000	0.70						
50 000 - 80 000	0.55						
80 000 - 160 000	0.45						
160 000 - 250 000	0.35						
250 000 and over	0.35						
3) Product & chemical carriers (dwt)							
under 4 000	2.30	1	2 300			1	2 300
4 000 - 10 000	1.60						
10 000 - 30 000	1.05						
30 000 - 50 000	0.80						
50 000 - 80 000	0.60						
80 000 and over	0.55						

Note: No. is number of ships of 100 gt and over; warships excluded.

(1) Inclusive of tankers with double bottoms or sides.

(2) Ships fulfilling IMO requirements for double hulled tankers.

**CHINESE TAIPEI/TAIPEI CHINOIS****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
4) Bulk carriers (dwt) (excluding combined carriers)							
under 4 000	1.60						
4 000 - 10 000	1.10						
10 000 - 30 000	0.70						
30 000 - 50 000	0.60						
50 000 - 80 000	0.50	4	77 000				
80 000 - 160 000	0.40	7	161 900	1	31 800	3	71 900
160 000 and over	0.30						
5) Combined carriers (dwt)							
under 10 000	(3)						
10 000 - 30 000	0.90						
30 000 - 50 000	0.75						
50 000 - 80 000	0.60						
80 000 - 160 000	0.50						
160 000 and over	0.40						
6) General cargo ships (dwt)							
under 4 000	1.85						
4 000 - 10 000	1.35						
10 000 - 20 000	1.00						
20 000 - 30 000	0.85						
30 000 and over	(4)	2	82 080				
7) Reefers (dwt)							
under 4 000	2.05						
4 000 - 10 000	1.50						
10 000 and over	1.25	2	34 200			2	34 200

Note: No. is number of ships of 100 gt and over; warships excluded.

(3) Same coefficient as for "bulk carriers".

(4) Same coefficient as for "double hulled crude oil tankers".

**CHINESE TAIPEI/TAIPEI CHINOIS****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
8) Full container ships and high speed liners (dwt)							
under 4 000	(5)						
4 000 - 10 000	1.20						
10 000 - 20 000	0.90	6	81 300	7	90 360		
20 000 - 30 000	0.80						
30 000 - 50 000	0.75	11	156 560	10	196 800	8	156 560
50 000 and over	0.65	4	175 480			4	175 480
9) Ro-Ro vessels (dwt)							
under 4 000	1.50						
4 000 - 10 000	1.05						
10 000 - 20 000	0.80						
20 000 - 30 000	0.70						
30 000 and over	0.65						
10) Car carriers (dwt)							
under 4 000	1.10						
4 000 - 10 000	0.75						
10 000 - 20 000	0.65						
20 000 - 30 000	0.55						
30 000 and over	0.45						
11) LPG carriers (dwt)							
under 4 000	2.05						
4 000 - 10 000	1.60						
10 000 - 20 000	1.15						
20 000 - 30 000	0.90						
30 000 - 50 000	0.80						
50 000 and over	0.70						

Note: No. is number of ships of 100 gt and over; warships excluded.

(5) Same coefficient as for "general carriers".

**CHINESE TAIPEI/TAIPEI CHINOIS****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
12) LNG carriers (dwt)							
under 10 000	(6)						
10 000 - 20 000	1.25						
20 000 - 30 000	1.15						
30 000 - 50 000	1.00						
50 000 and over	0.75						
13) Ferries (gt)							
under 1 000	3.00						
1 000 - 3 000	2.25						
3 000 - 10 000	1.65						
10 000 - 20 000	1.15						
20 000 and over	0.90						
14) Passenger ships (gt)							
under 1 000	6.00						
1 000 - 3 000	4.00						
3 000 - 10 000	3.00						
10 000 - 20 000	2.00						
20 000 - 40 000	1.60						
40 000 - 60 000	1.40						
60 000 and over	1.25						
15) Fishing vessels (gt)							
under 1 000	4.00						
1 000 - 3 000	3.00						
3 000 and over	2.00						
16) Other non-cargo vessels (gt)							
under 1 000	5.00						
1 000 - 3 000	3.20						
3 000 - 10 000	2.00						
10 000 and over	1.50						

Note: No. is number of ships of 100 gt and over; warships excluded.

(6) Same coefficient as for "LPG carriers".

**CROATIA/CROATIE****I. STATE OF THE ORDERBOOK**

STATE AT THE END OF 1998

	No.	gt	%	cgt(a)	%
I. Tonnage building	17	421 282	54.3	322 267	58.1
II. Tonnage yet to lay down (1)	12	355 273	45.7	232 090	41.9
III. Total tonnage on orderbook	29	776 555	<b>100</b>	554 357	<b>100</b>
of which for export (2)	29	776 555	100.0	554 357	100.0
IV. Types of ships on orderbook (breakdown of III)					
1) Crude oil tankers (single hull) (3)			0.0		0.0
2) Crude oil tankers (double hull) (4)	6	273 900	35.3	150 645	27.2
3) Product and chemical carriers	10	229 200	29.5	196 012	35.4
4) Bulk carriers (excl. combined carriers)	1	24 500	3.2	14 700	2.7
5) Combined carriers	5	31 955	4.1	35 150	6.3
6) General cargo ships			0.0		0.0
7) Reefers	2	28 000	3.6	35 000	6.3
8) Full container ships and high speed liners			0.0		0.0
9) Ro-Ro vessels			0.0		0.0
10) Car carriers	5	189 000	24.3	122 850	22.2
11) LPG carriers (5)			0.0		0.0
12) LNG carriers (5)			0.0		0.0
13) Ferries			0.0		0.0
14) Passenger ships			0.0		0.0
15) Fishing vessels			0.0		0.0
16) Other non-cargo vessels			0.0		0.0
TOTAL (=III)	29	776 555	<b>100</b>	554 357	<b>100</b>
V. Value of orderbook	National currency*	US Dollar**	Exchange rate***	%	* Million HRK
Total	5 357	855	6.2622	<b>100</b>	** Million Dollar
of which for export(2)	5 357	855		100.0	*** HRK/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

- (1) Firm contracts only, options not included.
- (2) Tonnage to be delivered to foreign countries/flags.
- (3) Inclusive of tankers with double bottoms or sides.
- (4) Ships fulfilling IMO requirements for double hulled tankers.
- (5) Volume in cubic metres: LPG; LNG.

**CROATIA/CROATIE****II. SHIPS COMPLETED**

YEAR: 1998

	No.	gt	%	cgt(a)	%
I. Ships launched	7	187 900	<b>100</b>	146 021	<b>100</b>
of which for export (1)		187 900	100.0	146 021	100.0
II. Ships completed	11	280 418	<b>100</b>	223 067	<b>100</b>
of which for export (1)		255 885	91.3	208 347	93.4
III. Types of ships completed (breakdown of II)					
1) Crude oil tankers (single hull) (2)			0.0		0.0
2) Crude oil tankers (double hull) (3)			0.0		0.0
3) Product and chemical carriers	8	219 476	78.3	175 579	78.7
4) Bulk carriers (excl. combined carriers)	1	24 533	8.7	14 720	6.6
5) Combined carriers	2	36 409	13.0	32 768	14.7
6) General cargo ships			0.0		0.0
7) Reefers			0.0		0.0
8) Full container ships and high speed liners			0.0		0.0
9) Ro-Ro vessels			0.0		0.0
10) Car carriers			0.0		0.0
11) LPG carriers (4)			0.0		0.0
12) LNG carriers (4)			0.0		0.0
13) Ferries			0.0		0.0
14) Passenger ships			0.0		0.0
15) Fishing vessels			0.0		0.0
16) Other non-cargo vessels			0.0		0.0
TOTAL (=II)	11	280 418	<b>100</b>	223 067	<b>100</b>
IV. Value of ships completed	National currency*	US Dollar**	Exchange rate***	%	* Million HRK
Total	2 104	336	6.2622	<b>100</b>	** Million Dollar
of which for export(1)	1 958	313		93.0	*** HRK/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Tonnage to be delivered to foreign countries/flags.

(2) Inclusive of tankers with double bottoms or sides.

(3) Ships fulfilling IMO requirements for double hulled tankers.

(4) Volume in cubic meters: LPG; LNG.

**CROATIA/CROATIE****III. NEW ORDERS**

YEAR: 1998

	No.	gt	%	cgt(a)	%
I. Orders placed, Total	3	135 400	<b>100</b>	78 250	<b>100</b>
of which for export (1)	3	135 400	100.0	78 250	100.0
II. Types of ships ordered (breakdown of I)					
1) Crude oil tankers (single hull) (2)			0.0		0.0
2) Crude oil tankers (double hull) (3)	2	97 600	72.1	53 680	68.6
3) Product and chemical carriers			0.0		0.0
4) Bulk carriers (excl. combined carriers)			0.0		0.0
5) Combined carriers			0.0		0.0
6) General cargo ships			0.0		0.0
7) Reefers			0.0		0.0
8) Full container ships and high speed liners			0.0		0.0
9) Ro-Ro vessels	1	37 800	27.9	24 570	31.4
10) Car carriers			0.0		0.0
11) LPG carriers (4)			0.0		0.0
12) LNG carriers (4)			0.0		0.0
13) Ferries			0.0		0.0
14) Passenger ships			0.0		0.0
15) Fishing vessels			0.0		0.0
16) Other non-cargo vessels			0.0		0.0
TOTAL (=I)	3	135 400	<b>100</b>	78 250	<b>100</b>
III. Value of ships ordered	National currency*	US Dollar**	Exchange rate***	%	* Million HRK
Total	691	110	6.2622	<b>100</b>	** Million Dollar
of which for export(1)	691	110		100.0	*** HRK/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Tonnage to be delivered to foreign countries/flags.

(2) Inclusive of tankers with double bottoms or sides.

(3) Ships fulfilling IMO requirements for double hulled tankers.

(4) Volume in cubic meters: LPG; LNG.

**CROATIA/CROATIE****IV. SPECIFICATION IN COMPENSATED TONNAGE**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
1) Crude oil tankers (dwt) (single hull) (1)							
under 4 000	1.70						
4 000 - 10 000	1.15						
10 000 - 30 000	0.75						
30 000 - 50 000	0.60						
50 000 - 80 000	0.50						
80 000 - 160 000	0.40						
160 000 - 250 000	0.30						
250 000 and over	0.25						
2) Crude oil tankers (dwt) (double hull) (2)							
under 4 000	1.85						
4 000 - 10 000	1.30						
10 000 - 30 000	0.85						
30 000 - 50 000	0.70						
50 000 - 80 000	0.55	6	150 645			2	53 680
80 000 - 160 000	0.45						
160 000 - 250 000	0.35						
250 000 and over	0.35						
3) Product & chemical carriers (dwt)							
under 4 000	2.30						
4 000 - 10 000	1.60						
10 000 - 30 000	1.05	4	53 132				
30 000 - 50 000	0.80	6	142 880	8	175 579		
50 000 - 80 000	0.60						
80 000 and over	0.55						

Note: No. is number of ships of 100 gt and over; warships excluded.

(1) Inclusive of tankers with double bottoms or sides.

(2) Ships fulfilling IMO requirements for double hulled tankers.



**CROATIA/CROATIE****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
4) Bulk carriers (dwt) (excluding combined carriers)							
under 4 000	1.60						
4 000 - 10 000	1.10	5	35 150				
10 000 - 30 000	0.70						
30 000 - 50 000	0.60	1	14 700	1	14 720		
50 000 - 80 000	0.50						
80 000 - 160 000	0.40						
160 000 and over	0.30						
5) Combined carriers (dwt)							
under 10 000	(3)						
10 000 - 30 000	0.90			2	32 768		
30 000 - 50 000	0.75						
50 000 - 80 000	0.60						
80 000 - 160 000	0.50						
160 000 and over	0.40						
6) General cargo ships (dwt)							
under 4 000	1.85						
4 000 - 10 000	1.35						
10 000 - 20 000	1.00						
20 000 - 30 000	0.85						
30 000 and over	(4)						
7) Reefers (dwt)							
under 4 000	2.05						
4 000 - 10 000	1.50						
10 000 and over	1.25	2	35 000				

Note: No. is number of ships of 100 gt and over; warships excluded.

(3) Same coefficient as for "bulk carriers".

(4) Same coefficient as for "double hulled crude oil tankers".

**CROATIA/CROATIE****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
8) Full container ships and high speed liners (dwt)							
under 4 000	(5)						
4 000 - 10 000	1.20						
10 000 - 20 000	0.90						
20 000 - 30 000	0.80						
30 000 - 50 000	0.75						
50 000 and over	0.65						
9) Ro-Ro vessels (dwt)							
under 4 000	1.50						
4 000 - 10 000	1.05						
10 000 - 20 000	0.80						
20 000 - 30 000	0.70						
30 000 and over	0.65						
10) Car carriers (dwt)							
under 4 000	1.10						
4 000 - 10 000	0.75						
10 000 - 20 000	0.65	5	122 850			1	24 570
20 000 - 30 000	0.55						
30 000 and over	0.45						
11) LPG carriers (dwt)							
under 4 000	2.05						
4 000 - 10 000	1.60						
10 000 - 20 000	1.15						
20 000 - 30 000	0.90						
30 000 - 50 000	0.80						
50 000 and over	0.70						

Note: No. is number of ships of 100 gt and over; warships excluded.

(5) Same coefficient as for "general carriers".

**CROATIA/CROATIE****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
12) LNG carriers (dwt)							
under 10 000	(6)						
10 000 - 20 000	1.25						
20 000 - 30 000	1.15						
30 000 - 50 000	1.00						
50 000 and over	0.75						
13) Ferries (gt)							
under 1 000	3.00						
1 000 - 3 000	2.25						
3 000 - 10 000	1.65						
10 000 - 20 000	1.15						
20 000 and over	0.90						
14) Passenger ships (gt)							
under 1 000	6.00						
1 000 - 3 000	4.00						
3 000 - 10 000	3.00						
10 000 - 20 000	2.00						
20 000 - 40 000	1.60						
40 000 - 60 000	1.40						
60 000 and over	1.25						
15) Fishing vessels (gt)							
under 1 000	4.00						
1 000 - 3 000	3.00						
3 000 and over	2.00						
16) Other non-cargo vessels (gt)							
under 1 000	5.00						
1 000 - 3 000	3.20						
3 000 - 10 000	2.00						
10 000 and over	1.50						

Note: No. is number of ships of 100 gt and over; warships excluded.

(6) Same coefficient as for "LPG carriers".

**ROMANIA/ROUMANIE****I. STATE OF THE ORDERBOOK**

STATE AT THE END OF 1998

	No.	gt	%	cgt(a)	%
I. Tonnage building			0.0		0.0
II. Tonnage yet to lay down (1)	32	300 566	100.0	331 390	100.0
III. Total tonnage on orderbook	32	300 566	<b>100</b>	331 390	<b>100</b>
of which for export (2)	31	288 233	95.9	315 390	95.2
IV. Types of ships on orderbook (breakdown of III)					
1) Crude oil tankers (single hull) (3)	4	97 008	32.3	91 200	27.5
2) Crude oil tankers (double hull) (4)			0.0		0.0
3) Product and chemical carriers			0.0		0.0
4) Bulk carriers (excl. combined carriers)	1	89 420	29.8	51 900	15.7
5) Combined carriers			0.0		0.0
6) General cargo ships	13	61 584	20.5	102 185	30.8
7) Reefers			0.0		0.0
8) Full container ships and high speed liners	9	34 426	11.5	57 470	17.3
9) Ro-Ro vessels	1	1 528	0.5	1 935	0.6
10) Car carriers			0.0		0.0
11) LPG carriers (5)	4	16 600	5.5	26 700	8.1
12) LNG carriers (5)			0.0		0.0
13) Ferries			0.0		0.0
14) Passenger ships			0.0		0.0
15) Fishing vessels			0.0		0.0
16) Other non-cargo vessels			0.0		0.0
TOTAL (=III)	32	300 566	<b>100</b>	331 390	<b>100</b>
V. Value of orderbook	National currency*	US Dollar**	Exchange rate***	%	* Million ROL
Total				<b>100</b>	** Million Dollar
of which for export(2)					*** ROL/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

- (1) Firm contracts only, options not included.
- (2) Tonnage to be delivered to foreign countries/flags.
- (3) Inclusive of tankers with double bottoms or sides.
- (4) Ships fulfilling IMO requirements for double hulled tankers.
- (5) Volume in cubic metres: LPG; LNG.

**ROMANIA/ROUMANIE****II. SHIPS COMPLETED**

YEAR: 1998

	No.	gt	%	cgt(a)	%
I. Ships launched	10	149 478	<b>100</b>	130 340	<b>100</b>
of which for export (1)	10	149 478	100.0	130 340	100.0
II. Ships completed	7	29 730	<b>100</b>	45 505	<b>100</b>
of which for export (1)	7	29 730	100.0	45 505	100.0
III. Types of ships completed (breakdown of II)					
1) Crude oil tankers (single hull) (2)			0.0		0.0
2) Crude oil tankers (double hull) (3)			0.0		0.0
3) Product and chemical carriers			0.0		0.0
4) Bulk carriers (excl. combined carriers)			0.0		0.0
5) Combined carriers			0.0		0.0
6) General cargo ships	2	5 684	19.1	14 119	31.0
7) Reefers			0.0		0.0
8) Full container ships and high speed liners	4	19 846	66.8	24 186	53.2
9) Ro-Ro vessels			0.0		0.0
10) Car carriers			0.0		0.0
11) LPG carriers (4)	1	4 200	14.1	7 200	15.8
12) LNG carriers (4)			0.0		0.0
13) Ferries			0.0		0.0
14) Passenger ships			0.0		0.0
15) Fishing vessels			0.0		0.0
16) Other non-cargo vessels			0.0		0.0
TOTAL (=II)	7	29 730	<b>100</b>	45 505	<b>100</b>
IV. Value of ships completed	National currency*	US Dollar**	Exchange rate***	%	* Million ROL
Total				<b>100</b>	** Million Dollar
of which for export(1)					*** ROL/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Tonnage to be delivered to foreign countries/flags.

(2) Inclusive of tankers with double bottoms or sides.

(3) Ships fulfilling IMO requirements for double hulled tankers.

(4) Volume in cubic meters: LPG; LNG.

**ROMANIA/ROUMANIE****III. NEW ORDERS**

YEAR: 1998

	No.	gt	%	cgt(a)	%
I. Orders placed, Total	8	26 956	<b>100</b>	44 505	<b>100</b>
of which for export (1)	8	26 956	100.0	44 505	100.0
II. Types of ships ordered (breakdown of I)					
1) Crude oil tankers (single hull) (2)			0.0		0.0
2) Crude oil tankers (double hull) (3)			0.0		0.0
3) Product and chemical carriers			0.0		0.0
4) Bulk carriers (excl. combined carriers)			0.0		0.0
5) Combined carriers			0.0		0.0
6) General cargo ships	7	24 396	90.5	40 905	91.9
7) Reefers			0.0		0.0
8) Full container ships and high speed liners	1	2 560	9.5	3 600	8.1
9) Ro-Ro vessels			0.0		0.0
10) Car carriers			0.0		0.0
11) LPG carriers (4)			0.0		0.0
12) LNG carriers (4)			0.0		0.0
13) Ferries			0.0		0.0
14) Passenger ships			0.0		0.0
15) Fishing vessels			0.0		0.0
16) Other non-cargo vessels			0.0		0.0
TOTAL (=I)	8	26 956	<b>100</b>	44 505	<b>100</b>
III. Value of ships ordered	National currency*	US Dollar**	Exchange rate***	%	* Million ROL
Total				<b>100</b>	** Million Dollar
of which for export(1)					*** ROL/Dollar

Note: No. is number of ships of 100 gt and over; warships excluded.

(a) See Table IV: "Specification in compensated tonnage".

(1) Tonnage to be delivered to foreign countries/flags.

(2) Inclusive of tankers with double bottoms or sides.

(3) Ships fulfilling IMO requirements for double hulled tankers.

(4) Volume in cubic meters: LPG; LNG.

**ROMANIA/ROUMANIE****IV. SPECIFICATION IN COMPENSATED TONNAGE**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
1) Crude oil tankers (dwt) (single hull) (1)							
under 4 000	1.70						
4 000 - 10 000	1.15						
10 000 - 30 000	0.75						
30 000 - 50 000	0.60	4	91 200				
50 000 - 80 000	0.50						
80 000 - 160 000	0.40						
160 000 - 250 000	0.30						
250 000 and over	0.25						
2) Crude oil tankers (dwt) (double hull) (2)							
under 4 000	1.85						
4 000 - 10 000	1.30						
10 000 - 30 000	0.85						
30 000 - 50 000	0.70						
50 000 - 80 000	0.55						
80 000 - 160 000	0.45						
160 000 - 250 000	0.35						
250 000 and over	0.35						
3) Product & chemical carriers (dwt)							
under 4 000	2.30						
4 000 - 10 000	1.60						
10 000 - 30 000	1.05						
30 000 - 50 000	0.80						
50 000 - 80 000	0.60						
80 000 and over	0.55						

Note: No. is number of ships of 100 gt and over; warships excluded.

(1) Inclusive of tankers with double bottoms or sides.

(2) Ships fulfilling IMO requirements for double hulled tankers.

**ROMANIA/ROUMANIE****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
4) Bulk carriers (dwt) (excluding combined carriers)							
under 4 000	1.60						
4 000 - 10 000	1.10						
10 000 - 30 000	0.70						
30 000 - 50 000	0.60						
50 000 - 80 000	0.50						
80 000 - 160 000	0.40						
160 000 and over	0.30	1	51 900				
5) Combined carriers (dwt)							
under 10 000	(3)						
10 000 - 30 000	0.90						
30 000 - 50 000	0.75						
50 000 - 80 000	0.60						
80 000 - 160 000	0.50						
160 000 and over	0.40						
6) General cargo ships (dwt)							
under 4 000	1.85						
4 000 - 10 000	1.35	11	70 185	2	14 119	7	40 905
10 000 - 20 000	1.00	2	32 000				
20 000 - 30 000	0.85						
30 000 and over	(4)						
7) Reefers (dwt)							
under 4 000	2.05						
4 000 - 10 000	1.50						
10 000 and over	1.25						

Note: No. is number of ships of 100 gt and over; warships excluded.

(3) Same coefficient as for "bulk carriers".

(4) Same coefficient as for "double hulled crude oil tankers".



**ROMANIA/ROUMANIE****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
8) Full container ships and high speed liners (dwt)							
under 4 000	(5)	4	18 500	2	7 200		
4 000 - 10 000	1.20			1	7 536		
10 000 - 20 000	0.90	5	38 970	1	9 450	1	3 600
20 000 - 30 000	0.80						
30 000 - 50 000	0.75						
50 000 and over	0.65						
9) Ro-Ro vessels (dwt)							
under 4 000	1.50	1	1 935				
4 000 - 10 000	1.05						
10 000 - 20 000	0.80						
20 000 - 30 000	0.70						
30 000 and over	0.65						
10) Car carriers (dwt)							
under 4 000	1.10						
4 000 - 10 000	0.75						
10 000 - 20 000	0.65						
20 000 - 30 000	0.55						
30 000 and over	0.45						
11) LPG carriers (dwt)							
under 4 000	2.05						
4 000 - 10 000	1.60	4	26 700	1	7 200		
10 000 - 20 000	1.15						
20 000 - 30 000	0.90						
30 000 - 50 000	0.80						
50 000 and over	0.70						

Note: No. is number of ships of 100 gt and over; warships excluded.

(5) Same coefficient as for "general carriers".

**ROMANIA/ROUMANIE****IV. SPECIFICATION IN COMPENSATED TONNAGE (cont'd)**

YEAR: 1998

Types of ships	coefficient	Orderbook end of 1998		Completed in 1998		Ordered in 1998	
		No.	cgt	No.	cgt	No.	cgt
12) LNG carriers (dwt)							
under 10 000	(6)						
10 000 - 20 000	1.25						
20 000 - 30 000	1.15						
30 000 - 50 000	1.00						
50 000 and over	0.75						
13) Ferries (gt)							
under 1 000	3.00						
1 000 - 3 000	2.25						
3 000 - 10 000	1.65						
10 000 - 20 000	1.15						
20 000 and over	0.90						
14) Passenger ships (gt)							
under 1 000	6.00						
1 000 - 3 000	4.00						
3 000 - 10 000	3.00						
10 000 - 20 000	2.00						
20 000 - 40 000	1.60						
40 000 - 60 000	1.40						
60 000 and over	1.25						
15) Fishing vessels (gt)							
under 1 000	4.00						
1 000 - 3 000	3.00						
3 000 and over	2.00						
16) Other non-cargo vessels (gt)							
under 1 000	5.00						
1 000 - 3 000	3.20						
3 000 - 10 000	2.00						
10 000 and over	1.50						

Note: No. is number of ships of 100 gt and over; warships excluded.

(6) Same coefficient as for "LPG carriers".