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Nº 3

19537

Economic Intelligence Report

CIA HISTORICAL REVIEW PROGRAM  
RELEASE AS SANITIZED

ESTIMATES OF PRODUCTION, VALUE, AND <sup>1998</sup> DISTRIBUTION  
OF MERCHANT SHIPS PRODUCED BY AND FOR  
THE SINO-SOVIET BLOC

1959



CIA/RR ER 61-10

March 1961

CENTRAL INTELLIGENCE AGENCY

Office of Research and Reports

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Economic Intelligence Report

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OF MERCHANT SHIPS PRODUCED BY AND FOR  
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~~WARNING~~

~~This material contains information affecting  
the National Defense of the United States  
within the meaning of the espionage laws,  
Title 18, USC, Secs. 793 and 794, the trans-  
mission or revelation of which in any manner  
to an unauthorized person is prohibited by law.~~

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FOREWORD

This report is the first in a series of annual reports on production, value, and distribution of merchant ships produced by and for the Sino-Soviet Bloc. Subsequent reports in this series will be expanded to include a discussion of trends in production and a comparative analysis of current production with that of previous years. The detailed nature of the information, which would have involved numerous source references for each of many estimates, makes the inclusion of source references infeasible, but source documentation for estimates is available in the files of this Office.

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ESTIMATES OF PRODUCTION, VALUE, AND DISTRIBUTION OF MERCHANT SHIPS  
PRODUCED BY AND FOR THE SINO-SOVIET BLOC\*  
1959

Summary

The estimated value of production of merchant ships during 1959 by and for the Sino-Soviet Bloc is \$1,057,809,000.\*\* Of this amount, \$127,523,000, or 12.1 percent, was imported from the Free World and \$28,289,000, or 2.7 percent, was exported to the Free World.

Tables 1 through 5\*\*\* give a summary of the value of production by and for the Sino-Soviet Bloc, by type and country of origin. Appendixes A and B give the characteristics, volume, and value of this production by type, class, and source for maritime and fishing ships.† Appendix C is a summary, which includes production of inland ships in addition to that of maritime and fishing ships. The limited information concerning inland ships makes infeasible a more detailed breakdown of this production.

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\* The estimates in this report represent the best judgment of this Office as of 1 December 1960.

\*\* Dollar values are given in 1959 US dollars throughout this report.

\*\*\* Tables 1 through 5 follow on pp. 3, 4, 5, 6, and 7, respectively.

† Ships listed in these Appendixes are considered to have been delivered by a shipyard, complete and ready for service, and the total value of the ship is credited to the year of completion.

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Summary of the Value of Sino-Soviet Bloc Production and Imports of Merchant Ships  
by Type and Country of Origin and by Type and Recipient

Table 1

Type of Ship	Thousand 1959 US \$									
	USSR	Poland	East Germany	Communist China	Hungary	Bulgaria	Rumania	Czechoslovakia	Total	
Bloc production										
Maritime	145,764	103,715	140,432	35,666	13,158	7,506	5,800		11,594	452,041
Inland	101,820		20,335	43,050	8,124	1,000	2,424			188,347
Fishing	169,264	64,719	55,915							289,898
Total production	<u>416,848</u>	<u>168,434</u>	<u>216,682</u>	<u>78,716</u>	<u>21,282</u>	<u>8,506</u>	<u>8,224</u>		<u>11,594</u>	<u>930,286</u>
Bloc imports										
Maritime	59,242	26,168								12,582
Inland	16,094									97,992
Fishing	13,437									16,094
Total imports	<u>88,773</u>	<u>26,168</u>								<u>127,523</u>
Total	<u>505,621</u>	<u>194,602</u>	<u>216,682</u>	<u>78,716</u>	<u>21,282</u>	<u>8,506</u>	<u>8,224</u>		<u>24,176</u>	<u>1,057,809</u>

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Table 2

Summary of the Value of Sino-Soviet Bloc Production and Imports of Maritime Ships  
by Type and Country of Origin

Country of Origin	Cargo	Tanker	Passenger	Other	Thousand 1959 US \$	
					Total	
Bloc production						
USSR	11,846	45,090		88,828	145,764	
Poland	101,355			2,360	103,715	
East Germany	94,066	4,470	30,024	11,872	140,432	
Communist China	14,005	2,724	11,137	7,800	35,666	
Hungary	13,158				13,158	
Bulgaria	2,058	4,296	1,152		7,506	
Rumania				5,800	5,800	
Total production	<u>236,488</u>	<u>56,580</u>	<u>42,313</u>	<u>116,660</u>	<u>452,041</u>	
Bloc imports						
Sweden						2,400
Finland	29,376	12,600		4,400	46,426	
Yugoslavia	13,780	13,464		4,450	27,244	
Denmark	5,656				16,072	
Japan	5,850			10,416	5,850	
Total imports	<u>54,662</u>	<u>26,064</u>		<u>17,266</u>	<u>97,992</u>	
Total	<u>291,150</u>	<u>82,644</u>	<u>42,313</u>	<u>133,926</u>	<u>550,033</u>	

Table 3

Summary of the Value of Sino-Soviet Bloc Production and Imports of Fishing and Inland Ships  
by Type and Country of Origin

Fishing Ships							Inland Ships	
Country of Origin	Fish Factory Trawler	Trawler, Seiner, and Logger	Other Fishing	Whale Factory	Whale Catcher	Total	Country of Origin	Total
Bloc production								
USSR	38,280	83,000		26,928	21,056	169,264	USSR	101,820
Poland		32,967	31,752			64,719	East Germany	20,335
East Germany	3,390	52,525				55,915	China	43,050
Total production	<u>41,670</u>	<u>168,492</u>	<u>31,752</u>	<u>26,928</u>	<u>21,056</u>	<u>289,898</u>	Hungary	8,124
Bloc imports							Rumania	2,424
Japan			13,437			13,437	Czechoslovakia	11,594
Total imports			<u>13,437</u>			<u>13,437</u>	Bulgaria	1,000
Total fishing ships	<u>41,670</u>	<u>168,492</u>	<u>45,189</u>	<u>26,928</u>	<u>21,056</u>	<u>303,335</u>	Total production	<u>188,347</u>
							Bloc imports	
							Finland	11,846
							Austria	4,248
							Total imports	<u>16,094</u>
							Total inland ships	<u>204,441</u>

Table 4

Summary of the Value of Sino-Soviet Bloc Merchant Ships  
Imported from Countries Outside the Sino-Soviet Bloc  
by Type and Country of Origin

Thousand 1959 US \$

Country of Origin	Country of Import							Total	
	USSR	Poland	East Germany	Communist China	Hungary	Bulgaria	Rumania		Czechoslovakia
Maritime ships									
Sweden	2,400								2,400
Finland	46,426								46,426
Yugoslavia		20,512							27,244
Denmark	10,416	5,656							16,072
Japan								5,850	5,850
Total maritime	<u>59,242</u>	<u>26,168</u>						<u>12,582</u>	<u>97,992</u>
Fishing ships									
Japan	13,437								13,437
Total fishing	<u>13,437</u>								<u>13,437</u>
Inland ships									
Finland	11,846								11,846
Austria	4,248								4,248
Total inland	<u>16,094</u>								<u>16,094</u>
Total	<u>88,773</u>	<u>26,168</u>						<u>12,582</u>	<u>127,523</u>

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Table 5

Summary of the Value of Sino-Soviet Bloc Exports of Merchant Ships  
to Countries Outside the Sino-Soviet Bloc  
by Type and Country of Origin

Thousand 1959 US \$

Country of Origin	Country of Import				Total
	Brazil	West Germany	Iceland	Guatemala	
Maritime ships					
Poland	18,798				18,798
East Germany		2,224		2,224	4,448
Total maritime	<u>18,798</u>	<u>2,224</u>		<u>2,224</u>	<u>23,246</u>
Fishing ships					
East Germany			4,651		4,651
Total fishing			<u>4,651</u>		<u>4,651</u>
Inland ships					
East Germany		392			392
Total inland		<u>392</u>			<u>392</u>
Total	<u>18,798</u>	<u>2,616</u>	<u>4,651</u>	<u>2,224</u>	<u>28,289</u>

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APPENDIX A

ESTIMATED PRODUCTION, VALUE, AND CHARACTERISTICS  
OF MARITIME SHIPS PRODUCED BY AND FOR THE SINO-SOVIET BLOC  
BY TYPE, SOURCE, AND CLASS  
1959

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Year : 1959  
 Country : USSR  
 Category : Maritime  
 Type : Cargo  
 Class : Leninakiy Komsomol  
 Project No.: 567

Displacement (Metric) : 6,060 Tons  
 Light ship : 22,100 Tons  
 Full load : 21,750 Tons  
 Deadweight : 16,040 Tons  
 Gross Register: 12,090 Tons

Length (Meters) : 169.90  
 Over-all : 557.44  
 Between perpendiculars : 156.00  
 Beam : 21.60  
 Draft : 9.72  
 Propulsion : Geared turbine  
 Horsepower : 13,000 SHP

Shipyard and Location	Number of Ships and/or Name of Ship	Tons (English)		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)					
		Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary	Other
No. 102, Kerson	Leninskiy Komsomol*	5,960	12,090	7,450	1	1					

\* First ship of series.

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Year : 1959 Country : USSR Category : Maritime Type : Cargo-Cotton/Timber Class : Izhenner Below* Project No.:	<table border="0"> <tr> <td style="text-align: right;">Displacement</td> <td style="text-align: right;">Tons (Metric)</td> <td style="text-align: right;">Tons (English)</td> </tr> <tr> <td style="text-align: right;">Light ship</td> <td style="text-align: right;">1,600</td> <td style="text-align: right;">1,570</td> </tr> <tr> <td style="text-align: right;">Full load</td> <td style="text-align: right;">5,310</td> <td style="text-align: right;">5,230</td> </tr> <tr> <td style="text-align: right;">Deadweight</td> <td style="text-align: right;">3,710</td> <td style="text-align: right;">3,650</td> </tr> <tr> <td style="text-align: right;">Gross Register:</td> <td style="text-align: right;">2,900</td> <td style="text-align: right;">2,900</td> </tr> </table> <table border="0"> <tr> <td style="text-align: right;">Length</td> <td style="text-align: right;">Meters</td> <td style="text-align: right;">Feet</td> </tr> <tr> <td style="text-align: right;">Over-all</td> <td style="text-align: right;">120.00</td> <td style="text-align: right;">393.72</td> </tr> <tr> <td style="text-align: right;">Between perpendiculars:</td> <td style="text-align: right;">112.00</td> <td style="text-align: right;">367.47</td> </tr> <tr> <td style="text-align: right;">Beam</td> <td style="text-align: right;">15.00</td> <td style="text-align: right;">49.22</td> </tr> <tr> <td style="text-align: right;">Draft</td> <td style="text-align: right;">4.00</td> <td style="text-align: right;">13.12</td> </tr> <tr> <td style="text-align: right;">Population</td> <td style="text-align: right;">2 Diesels</td> <td></td> </tr> <tr> <td style="text-align: right;">Horsepower</td> <td style="text-align: right;">Total 1,600</td> <td></td> </tr> </table>	Displacement	Tons (Metric)	Tons (English)	Light ship	1,600	1,570	Full load	5,310	5,230	Deadweight	3,710	3,650	Gross Register:	2,900	2,900	Length	Meters	Feet	Over-all	120.00	393.72	Between perpendiculars:	112.00	367.47	Beam	15.00	49.22	Draft	4.00	13.12	Population	2 Diesels		Horsepower	Total 1,600	
Displacement	Tons (Metric)	Tons (English)																																			
Light ship	1,600	1,570																																			
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Beam	15.00	49.22																																			
Draft	4.00	13.12																																			
Population	2 Diesels																																				
Horsepower	Total 1,600																																				

Shipyard and Location	Number of Ships and/or Name of Ship	Tons (English)		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)					
		Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary	Other
Mordovshchikovo, Navashino	2	3,140	5,800	4,396	2	2					
Izhenner Below Kaspj											

\* Program began in 1958. First completions in 1959. Probably 10 ships in program.

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Year : 1959  
 Country : USSR  
 Category : Maritime  
 Type : Tanker  
 Class : Kazbek  
 Project No. : 563

Displacement : 4,822 Tons (Metric)  
 Light ship : 16,250 Tons (English)  
 Full load : 11,433 Tons (English)  
 Deadweight : 8,230 Tons (English)  
 Gross Register : 8,230 Tons (English)

Length : 147.39 Meters  
 Over-all : 138.43 Meters  
 Between perpendiculars : 119.27 Meters  
 Beam : 16.27 Meters  
 Draft : 4.92 Meters  
 Propulsion : 2 Diesels  
 Horsepower : 4,000 (3,760 SHP)

Shipyards and Location	Number of Ships and/or Name of Ship	Completions 1959		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)				
		Tons (English) Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary
No. 194, Leningrad	3 Yegoryevsk Yessentuki Yeina	14,220	24,690	15,642	3					
No. 102, Kierson	4 Komsomlets Tbilisi Eldorus Izyaslav	18,960	32,920	20,856	4					
Total	7	33,180	57,610	36,498	60	7				

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Year : 1979  
 Country : USSR  
 Category : Maritime  
 Type : Tanker  
 Class : Oleg Koshevoy\*  
 Project No.: 566

Displacement (Metric) (Tons) : 1,820  
 Light ship : 6,060  
 Full load : 4,240  
 Deadweight : 2,950  
 Gross Register: 2,950

Length (Meters) (Feet)  
 Over-all : 123.50 (405.20)  
 Between perpendiculars: 113.02 (377.38)  
 Beam : 16.02 (52.56)  
 Draft : 4.00 (13.12)  
 Propulsion : 2 Diesels  
 Horsepower : Total 1,600

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1979			Cumulative Total of Ships Produced Through 1979	Distribution (Number)					
		Tons (English)	US Cost of Construction in Thousand Dollars	Light Ship		Gross Register	USSR	Poland	East Germany	Communist China	Hungary
Mordovshchikovo, Khashtino	4 <small>Same Vurgun (Name unknown) (Name unknown) (Name unknown)</small>	7,160	11,800	8,592	18	4					

\* Program believed terminated.

Year : 1959  
 Country : USSR  
 Category : Maritime  
 Type : Tanker-Water Carrier  
 Class : Oleg Koshevoy\*  
 Project No.: 566

Displacement (Metric) (Tons) : 1,820  
 Light ship : 6,060  
 Full load : 4,240  
 Deadweight : 4,170  
 Gross Register: 2,950

Displacement (English) (Tons) : 1,790  
 Light ship : 5,960  
 Full load : 4,170  
 Deadweight : 4,170  
 Gross Register: 2,950

Length Over-all : 123.50  
 Between perpendiculars : 115.02  
 Beam : 16.02  
 Draft : 4.00  
 Propulsion : 2 Diesels  
 Horsepower : Total 1,600

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1959		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)					
		Tons (English) Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary	Other
Mordovshchikovo, Navashino	1	1,790	2,950	2,148	3	1					

\* Program believed terminated.

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Meters Feet

Year : 1959  
 Country : USSR  
 Category : Maritime  
 Type : Refrigerator  
 Class : Sevastopol  
 Project No.: 564

Displacement : 4,830 Tons (Metric) 4,750 Tons (English)  
 Light ship : 8,970  
 Full load : 8,970  
 Deadweight : 4,140  
 Gross Register: 5,520

Length : 130.85  
 Over-all : 429.32  
 Between perpendiculars : 118.00  
 Beam : 387.16  
 Draft : 16.80  
 Propulsion : 57.12  
 Diesel/Electric : 6.70  
 Horsepower : 21.96  
 Diesel/Electric : 7,200 (6,230 SHP)

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1959		US Cost of Construction In Thousand Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)						
		Tons (English) Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary	Other	
No. 189, Leningrad	Sevastopol Kalininograd	2	9,500	11,040	15,200	2						

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Year : 1959  
 Country : USSR  
 Category : Maritime  
 Type : Icebreaker (Atomic)  
 Class : Lenin  
 Project No. :  
 Displacement : 12,500 Tons (Metric)  
 Light ship : 16,000 Tons (English)  
 Full load : 3,500 Tons (English)  
 Deadweight : 10,000 Tons (English)  
 Gross Register : 13,000 Tons (English)  
 Length Over-all : 134.00 Meters / 439.65 Feet  
 Between perpendiculars : 122.83 Meters / 403.00 Feet  
 Beam : 27.60 Meters / 90.56 Feet  
 Draft : 9.20 Meters / 30.19 Feet  
 Propulsion : Turbo/Electric  
 Horsepower : 39,200 (SHP)

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1959		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)					
		Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary	Other
No. 194, Leningrad	Lenin	12,310	13,000	52,000	1	1					

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Year : 1959  
 Country : USSR  
 Category : Maritime  
 Type : Hydrographic Survey  
 Class : Vovaykov  
 Project No. : 394

Displacement (Metric) (Tons) : 2,360  
 Light ship : 3,660  
 Full load : 1,300  
 Deadweight : 3,170  
 Gross Register : 3,170

Displacement (English) (Tons) : 2,320  
 Light ship : 3,600  
 Full load : 1,280  
 Deadweight : 3,170  
 Gross Register : 3,170

Length Over-all : 84.70  
 Between perpendiculars : 75.00  
 Beam : 14.00  
 Draft : 5.54  
 Propulsion : Diesel 8 DR-43/61 VI  
 Horsepower : 2,000

Shipyard and Location	Number of Ships and/or Name of Ship	Tons (English)		US Cost of Construction in Thousand Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)					
		Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary	Other
No. 444, Nikolayev	A.I. Vovaykov	2,320	3,170	3,480	1	1					

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Year : 1959  
 Country : Poland  
 Category : Maritime  
 Type : Cargo  
 Class : Chulym (B-32)  
 Project No. :  
 Displacement (Metric) : 1,830 Tons  
 Light ship : 5,030 Tons  
 Full load : 3,200 Tons  
 Deadweight : 2,690 Tons  
 Gross Register :  
 Length : 94.68 Meters  
 Over-all : 310.65 Feet  
 Between perpendiculars : 89.52 Meters  
 Beam : 13.50 Meters  
 Draft : 5.56 Meters  
 Propulsion : Steam Recip.  
 Horsepower : 1,700

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1959			US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)					
		Tons (English)	Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary	Other
Szczecin	Liryja	1,800		2,690	2,520	41						1 - Albania

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Meters Feet

Year : 1959  
 Country : Poland  
 Category : Maritime  
 Type : Cargo  
 Class : Goplana (B-57)  
 Project No. :  
 Displacement (Metric) : 690 Tons  
 Light ship : 680 Tons  
 Full load : 1,620 Tons  
 Deadweight : 930 Tons  
 Gross Register : 500 Tons  
 Length Over-all : 66.20 Meters  
 Between perpendiculars : 59.00 Meters  
 Beam : 9.90 Meters  
 Draft : 3.70 Meters  
 Propulsion : Diesel  
 Horsepower : 960

Shipyard and Location	Number of Ships and/or Name of Ship	Tons (English)		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)						
		Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary	Other	
Gdynia	Goplana Krasnal	2	1,360	1,000	2,312	2	2					

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Year : 1959  
 Country : Poland  
 Category : Maritime  
 Type : Cargo  
 Class : Marcell Nowotko (B-54)  
 Project No. :  
 Displacement : 5,510 Tons (Metric) / 5,420 Tons (English)  
 Light ship : 16,510  
 Full load : 16,250  
 Deadweight : 11,000  
 Gross Register : 9,900  
 Length Over-all : 153.90 Meters / 504.90 Feet  
 Between perpendiculars : 141.60 Meters / 464.59 Feet  
 Beam : 19.40 Meters / 63.65 Feet  
 Draft : 8.75 Meters / 28.71 Feet  
 Propulsion : Diesel  
 Horsepower : 7,800

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1959		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)				
		Tons (English) Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary
Gdansk	5 B. Sukhanov D. Lutskiy J. Matejko A. Warski E. Plater	27,100	49,500	33,875	15	2 X* X	3 X X X X			

\* Each X designates the destination of the ship.

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Year : 1959  
 Country : Poland  
 Category : Maritime  
 Type : Cargo  
 Class : Nysa (B-51)  
 Project No. :

Displacement : 720 Tons (Metric) 710 Tons (English)  
 Light ship : 1,400  
 Full load : 1,680  
 Deadweight : 680  
 Gross Register : 480

Length : 59.85 Meters 196.37 Feet  
 Over-all : 55.00 Meters 180.46 Feet  
 Between perpendiculars : 9.60 Meters 31.50 Feet  
 Beam : 3.40 Meters 11.16 Feet  
 Draft : 3.40 Meters 11.16 Feet  
 Propulsion : Diesel  
 Horsepower : 600 HP

Shipyard and Location	Number of Ships and/or Name of Ship	Tons (English)		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)					
		Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary	Other
Gdańsk	4 Ner Sola Krutynia Orka	2,840	1,920	4,244	11		4				

~~SECRET~~

Year : 1959  
 Country : Poland  
 Category : Maritime  
 Type : Cargo  
 Class : Donbass (B-31)  
 Project No. :  
 Displacement : 2,240 Tons (Metric)  
 Light ship : 7,340 Tons (English)  
 Full load : 7,220 Tons (English)  
 Deadweight : 5,100 Tons (English)  
 Gross Register : 3,820 Tons (English)  
 Length : 108.25 Meters  
 Over-all : 355.17 Feet  
 Between perpendiculars : 101.05 Feet  
 Beam : 14.60 Feet  
 Draft : 6.65 Feet  
 Propulsion : Steam Recip. v/Ex. Turb.  
 Horsepower : 2,500

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1959		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)					
		Tons (English) Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary	Other
Gdansk	10 N. Bosniak Shkiper Gek Adm. Sarychev Ivan Ryabov Corodetskily Arkhangel'sk Alex. Popov Alex. Terakhin Alex. Baranov Torres	22,000	38,200	30,800	71	2 X* X X X X X X X X X					1 - Brazil X - Brazil

\* Each X designates the destination of the ship.

~~SECRET~~

~~S-E-C-R-E-T~~

Year : 1959  
 Country : Poland  
 Category : Maritime  
 Type : Cargo  
 Class : Oлива (B-59)  
 Project No.:

Displacement : 2,680 Tons (Metric)  
 Light ship : 7,030 Tons (English)  
 Full load : 4,350 Tons (English)  
 Deadweight : 2,970 Tons (English)  
 Gross Register: 2,970 Tons (English)

Length : 114.20 Meters / 374.69 Feet  
 Over-all : 104.50 Meters / 342.86 Feet  
 Between perpendiculars : 14.70 Meters / 48.23 Feet  
 Beam : 6.35 Meters / 20.83 Feet  
 Draft : Diesel  
 Propulsion : Diesel  
 Horsepower : 4,160

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1959		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)								
		Tons (English) Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary	Other			
Szczecin	Oлива Orlova	2	5,280	5,940	7,656	2	2							

~~S-E-C-R-E-T~~

S-E-C-R-E-T

Year : 1959  
 Country : Poland  
 Category : Maritime  
 Type : Cargo  
 Class : Krynica (B-55)  
 Project No. :  
 Displacement : 2,760 Tons (Metric) / 2,710 Tons (English)  
 Light ship : 8,760  
 Full load : 8,620  
 Deadweight : 6,000  
 Gross Register : 5,380  
 Length : 124.10 Meters / 407.17 Feet  
 Over-all : 112.00  
 Between perpendiculars : 16.50  
 Beam : 6.90  
 Draft : 22.64  
 Propulsion : Diesel  
 Horsepower : 5,000

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1959		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)					
		Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary	Other
Szczecin	5 Olesnica Cabo Orange Cabo Frio Cabo De Sao Roque Cabo De Santa Marta	13,520	26,900	19,648	7		1 X*				4 - Brazil X - Brazil X - Brazil X - Brazil X - Brazil

\* Each X designates the destination of the ship.

S-E-C-R-E-T

S-P-C-R-3-T

Year : 1959  
 Country : Poland  
 Category : Maritime  
 Type : Tug  
 Class : Gorec (B-61)  
 Project No. :  
 Displacement : 510 Tons (Metric)  
 Light ship : 790 Tons (English)  
 Full load : 775 Tons (English)  
 Deadweight : 275 Tons (English)  
 Gross Register : 530 Tons (Metric)  
 Length Over-all : 47.40 Meters  
 Between perpendiculars : 42.60 Meters  
 Beam : 9.70 Meters  
 Draft : 4.12 Meters  
 Propulsion : Steam  
 Horsepower : 800

Shipyard and Location	Number of Ships and/or Name of Ship	Tons (English)		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)				
		Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary
Odymia	4 Adygeyev Albatross Kalmuk Osetin	2,000	2,120	2,360	5	4				

S-P-C-R-3-T

S-E-C-R-~~TOP~~

Year : 1959  
 Country : East Germany  
 Category : Maritime  
 Type : Cargo  
 Class : Andizhan  
 Project No. :  
 Displacement : 2,130 Tons (Metric) 2,100 Tons (English)  
 Light ship : 6,430  
 Pull load : 4,300  
 Deadweight : 4,300  
 Gross Register : 3,360  
 Length : 104.08 Meters 341.49 Feet  
 Over-all : 96.74  
 Between perpendiculars : 14.40  
 Beam : 6.58  
 Draft : 6.58  
 Propulsion : Diesel : 2,500  
 Horsepower : 2,500

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1959		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)					
		Tons (English) Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary	Other
Neptune Werft, Rostock	11 Turkistan Saransk Salsk Zaysan Ludza Turukhansk Vilyulj Revda Loksa Barabinsk Izhma	23,100	36,960	32,340	16	11					

S-E-C-R-~~TOP~~

SECRET

Year : 1959  
 Country : East Germany  
 Category : Maritime  
 Type : Cargo (Coal/Ore Carrier)  
 Class : Ugletralsk  
 Project No. : Ugletralsk

Displacement (Metric) : 3,910 Tons  
 Light ship : 3,850 Tons  
 Full load : 11,080 Tons  
 Deadweight : 7,170 Tons  
 Gross Register : 5,630 Tons

Length (Meters) : 133.70  
 Over-all : 126.00  
 Between perpendiculars : 117.00  
 Beam : 17.00  
 Draught : 7.40  
 Propulsion : Diesel  
 Horsepower : 5,400

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1959		US Cost of Construction in Thousand Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)				
		Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary
Warnoverft, Warnemunde	Urtsak Usolye Urgenich Urupinsk Ust Yuzhna Ustllug	23,100	33,780	27,720	2	6				

SECRET

Meters Feet

Year : 1959  
 Country : East Germany  
 Category : Maritime  
 Type : Cargo  
 Class : IIR1

Displacement : 1,410 Tons (Metric)  
 Light ship : 4,040 Tons (English)  
 Full load : 2,630 Tons (English)  
 Deadweight : 2,590 Tons (English)  
 Gross Register: 1,810 Tons (English)

Length : 85.19  
 Over-all : 279.51  
 Between perpendiculars : 75.64 248.17  
 Beam : 12.00 39.37  
 Draft : 5.83 19.13  
 Propulsion :  
 Horsepower : 1,650

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1959		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)				
		Tons (English)	Light Ship			USSR	Poland	East Germany	Communist China	Hungary
Neptune Werft, Rostock	2 Bart Wiltra	2,780		4,448	3					2 (see below) X* - Guatemala X - West Germany

\* Each X designates the destination of the ship.

S. P. C. R. 2-7-71

Year : 1959  
 Country : East Germany  
 Category : Maritime  
 Type : Cargo  
 Class : Frieden  
 Project No. :  
 Displacement : 5,820 Tons (Metric)  
 Light ship : 15,820 Tons (English)  
 Full load : 15,570  
 Deadweight : 9,840  
 Gross Register : 6,600  
 Length : 157.60 Meters  
 Over-all : 517.08 Feet  
 Between perpendiculars : 142.00  
 Beam : 20.00  
 Draft : 8.162  
 Propulsion : Diesel  
 Horsepower : 7,200

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1959		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)					
		Tons (English)	Light Ship			Gross Register	USSR	Poland	East Germany	Communist China	Hungary
Marnoverft, Wernemunde	4 Erfurt Leipzig Halle Schwerin	22,920		26,400	28,650			4			

S. P. C. R. 2-7-71

Year : 1959  
 Country : East Germany  
 Category : Maritime  
 Type : Cargo  
 Class : Kuno  
 Project No.:

Displacement (Metric) (Tons)  
 Light ship : 590  
 Full load : 1,440  
 Deadweight : 850  
 Gross Register : 620

Length (Meters) (Feet)  
 Over-all : 59.00 (193.58)  
 Between perpendiculars : 55.47 (182.00)  
 Beam : 9.80 (32.15)  
 Draft : 3.60 (11.81)  
 Propulsion : Diesel  
 Horsepower : 550

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1959		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)					
		Tons (English) Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary	Other
Reenverft, Wolgast	2	1,170	1,240	908				2			

~~SECRET~~

~~SECRET~~

Meters Feet

Year : 1959  
 Country : East Germany  
 Category : Maritime  
 Type : Tanker  
 Class :  
 Project No. :  
 Displacement (Metric) : 410 Tons (English)  
 Light ship : 400 Tons (English)  
 Full load :  
 Deadweight :  
 Gross Register : 1,400  
 Length Over-all : N.A.  
 Between perpendiculars :  
 Beam :  
 Draft :  
 Propulsion :  
 Horsepower :

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1959		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)					
		Tons (English) Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary	Other
Peenewerft, Wolgast	2	800	2,800	960	2			2			

~~SECRET~~

~~SECRET~~

Year : 1959  
 Country : East Germany  
 Category : Maritime  
 Type : Tank Logger  
 Class : TM  
 Project No. :

Displacement (Metric) : 200  
 Light ship : 510  
 Full load : 510  
 Deadweight : 310  
 Gross Register: 300

Length (Metric) : 39.77  
 Over-all : 130.49  
 Between perpendiculars: 37.03  
 Beam : 7.32  
 Draft : 2.59  
 Propulsion : Diesels  
 Horsepower : 500

Meters Feet

Shipyard and Location	Number of Ships and/or Name of Ship	Tons (English)		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)				
		Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary
Elbevert, Bolzenburg	15	2,925	4,500	3,510			15			

~~SECRET~~

Year : 1959  
 Country : East Germany  
 Category : Maritime  
 Type : Passenger  
 Class : M. Kalinin  
 Project No. :

Displacement : 4,240 Tons (Metric)  
 Light ship : 5,600 Tons (English)  
 Full load : 1,360 Tons (English)  
 Deadweight : 4,870 Tons (English)  
 Gross Register: 4,870 Tons (English)

Length Over-all : 122.15 Meters  
 Between perpendiculars : 110.00 Feet  
 Beam : 16.00 Feet  
 Draft : 5.05 Feet  
 Propulsion : Diesel  
 Horsepower : 8,000

Shipyard and Location	Number of Ships and/or Name of Ship	Tons (English)		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)					
		Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary	Other
Mathias Thesen Werft, Wismar	4 G. Ordzhonikidze M. Uritzkly M. Ulyanova V. Vorovskiy	16,680	19,480	30,024	6	4					

SECRET

Year : 1959  
 Country : East Germany  
 Category : Maritime  
 Type : Car Ferry  
 Class : Sasnitz  
 Project No. :  
 Displacement (Metric) : 3,410 Tons  
 Light ship : 6,820 Tons  
 Full load : 3,410 Tons  
 Deadweight : 6,500 Tons  
 Gross Register : 6,500 Tons  
 Length : 137.50 Meters / 451.14 Feet  
 Over-all : 125.00 Meters / 410.12 Feet  
 Between perpendiculars : 18.40 Meters / 60.37 Feet  
 Beam : 5.40 Meters / 17.72 Feet  
 Draft : Diesel  
 Propulsion : Horsepower  
 Horsepower : 9,500

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1959		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)					
		Tons (English) Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary	Other
Neptune Werft, Rostock	Sasnitz	3,360	6,500	2,376	1			1			

S. P. C. R. E. M.

Ships

Meters Feet

Year : 1959	Displacement (Metric) : 530	Tons (English) : 520	Length Over-all : 47.20	Feet : 154.86
Country : East Germany	Light ship : 860	Tons (English) : 845	Beam Between perpendiculars : 8.51	Feet : 27.92
Category : Maritime	Full load : 330	Tons (English) : 325	Draft : 2.50	Feet : 8.20
Type : Floating Shops	Deadweight : 560	Tons (English) : 560	Propulsion : Non Self-Propelled	
Class : PM 1101	Gross Register : 560		Horsepower : :	
Project No. : :				

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1959		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)						
		Tons (English) Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary	Other	
Elbeverft, Bolzenburg	PM 1101 PM 1102 PM 1103 PM 1104	2,080	2,240	1,560	4	4						

SECRET

~~S-E-C-R-E-T~~

Year : 1959  
 Country : East Germany  
 Category : Maritime  
 Type : Buoy Tender  
 Class :  
 Project No.:

Displacement (Metric) : 360  
 Light ship : 360  
 Pull load :  
 Deadweight :  
 Gross Register : 300

Tons (English) : 350  
 Length Over-all :  
 Between perpendiculars :  
 Beam :  
 Draft :  
 Propulsion :  
 Horsepower :  
 M.A.

Meters Feet

Shipyard and Location	Number of Ships and/or Name of SHIP	Completions 1959		US Cost of Construction In Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)					
		Tons (English) Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary	Other
Peenewerft, Wolgast	2	700	600	1,120			2				

~~S-E-C-R-E-T~~

~~SECRET~~

Year : 1959  
 Country : East Germany  
 Category : Maritime  
 Type : Crane Ship (Salvage)  
 Class : Neptune  
 Project No. :  
 Displacement : 730 Tons (Metric) / 720 Tons (English)  
 Light ship : 1,100  
 Full load : 1,085  
 Deadweight : 370  
 Gross Register : 800  
 Length : 55.00 Meters / 180.46 Feet  
 Over-all : 50.00 Meters / 164.05 Feet  
 Between perpendiculars : 10.90 Meters / 35.76 Feet  
 Beam : 4.30 Meters / 14.11 Feet  
 Draft : 2 Meters / 6.56 Feet  
 Propulsion : Steam Recip.  
 Horsepower : 1,000

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1959		US Cost of Construction in Thousand Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)				
		Tons (English) Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary
Neptune Werft, Rostock	3	2,160	2,400	3,456	3					

~~SECRET~~

SECRET

Year	: 1959	Displacement	: 120	Tons (Metric)	(Metric)	Tons (English)	Length	: 25.00	82.02
Country	: East Germany	Light ship	: 220				Overall		
Category	: Maritime	Full load	: 215				Between perpendiculars	: 8.00	26.25
Type	: Tug	Deadweight	: 100				Beam	: 2.50	8.20
Class	:	Gross Register:	: 80				Draft	: Diesel	
Project No.:	:						Propulsion	: Horsepower	540

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1959		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)					
		Tons (English) Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary	Other
Peenewerft, Wolgast	6	720	480	360			6				

SECRET

Year : 1959  
 Country : Communist China  
 Category : Maritime  
 Type : Coastal Tanker  
 Class : Chien She 9  
 Project No. :  
 Displacement : 2,300 Tons (Metric)  
 Light ship : 7,100 Tons (English)  
 Full load : 6,990  
 Deadweight : 4,720  
 Gross Register : 3,300  
 Length Over-all : 110.00 Meters  
 Between perpendiculars : 360.91 Feet  
 Beam : 15.00  
 Draft : 7.10  
 Population : 49.22  
 Horsepower : 24.28

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1959		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)					
		Tons (English) Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary	Other
Dairen, Dairen	Chien She No. 9	2,270	3,300	2,724	1				1		

SECRET

S.P.C.B. 8-8

Year	: 1959	Tons (Metric)	(English)	Tons (English)	Length (Meters)	Feet	
Country	: Communist China	Displacement	: 85	85	Over-all	: 26.93	88.36
Category	: Maritime	Light ship	: 100	100	Between perpendiculars	: 24.20	79.40
Type	: Coastal Passenger Cutter	Full load	: 15	15	Beam	: 5.20	17.06
Class	: Makhmovets	Deadweight	: 250	250	Draft	: 1.90	6.23
Project No.:		Gross Register:	250	250	Propulsion	: Diesel	
					Horsepower	: 1 - 300 HP	

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1959		US Cost of Construction in Thousand Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)					
		Tons (English) Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary	Other
Dairen, Dairen	16	1,360	4,000	1,972	24	16					

~~SECRET~~

S-E-C-R-E-T

Year : 1959  
 Country : Communist China  
 Category : Maritime  
 Type : Coastal Passenger Cargo  
 Class : Ia Men 101  
 Project No. :  
 Displacement (Metric) : 406  
 Displacement (English) : 400  
 Full load :  
 Deadweight :  
 Gross Register : 540  
 Gross Register : 540  
 Length Over-all :  
 Between perpendiculars :  
 Beam :  
 Draft :  
 Propulsion :  
 Horsepower :  
 Meters Feet  
 N.A.

Shipyard and Location	Number of Ships and/or Name of Ship	Tons (English)		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)					
		Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary	Other
Ritang, Shanghai	Ia Men 101 Ia Men 102	800	1,080	1,200	2				2		

~~S-E-C-R-E-T~~

~~S-E-C-R-E-T~~

Year : 1959  
 Country : Communist China  
 Category : Maritime  
 Type : Coastal Passenger Cargo  
 Class : Min Chu 14  
 Project No. :  
 Displacement : 1,800 Tons (Metric) 1,770 Tons (English)  
 Light ship : 2,920  
 Full load : 1,120  
 Deadweight : 2,500  
 Gross Register : 2,500  
 Length : 90.60 Meters 297.26 Feet  
 Over-all : 14.00  
 Between perpendiculars : 4.20  
 Beam : 13.78  
 Draft :  
 Propulsion :  
 Horsepower : 1 - 1,500 HP Steam Recip.

Shipyard and Location	Number of Ships and/or Name of Ship	Tons (English)		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)					
		Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary	Other
Hutung, Shanghai	3 Min Chu 15 Min Chu 16 Min Chu 17	2,310	1,500	1,965	4				3		

~~S-E-C-R-E-T~~

Meters Feet

Year : 1959  
 Country : Communist China  
 Category : Maritime  
 Type : Coastal Cargo  
 Class : Ho Ping 59  
 Project No. :  
 Displacement (Metric) : 1,510  
 Light ship : 1,510  
 Full load : 4,840  
 Deadweight : 3,300  
 Gross Register : 2,000  
 Length Over-all : 99.23  
 Between perpendiculars : 325.59  
 Beam :  
 Draft :  
 Propulsion : Diesel  
 Horsepower : 1 - 2,000 HP

Shipyard and Location	Number of Ships and/or Name of Ship	Tons (English)		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)				
		Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary
Hutung, Shanghai Hutung, Shanghai	Ho Ping 59 Ho Ping 60	3,020	4,000	4,530	2				2	
Total	2				2				2	

0-309-1-5-1

SECRET

Meters Feet

Year : 1959  
 Country : Communist China  
 Category : Maritime  
 Type : Coastal Cargo  
 Class : Ho Ping 49  
 Project No.:

Displacement (Metric) (Tons)  
 Light ship : 1,390  
 Full load : 4,850  
 Deadweight : 3,460  
 Gross Register: 2,450

Length (English) (Tons)  
 Over-all : 93.20  
 Between perpendiculars : 86.00  
 Beam : 13.00  
 Draft : 5.66  
 Propulsion : Steam Recip.  
 Horsepower : 1 - 1,000 HP

Shipyard and Location	Number of Ships and/or Name of Ship	Tone (English)		US Cost of Construction in Thousand Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)				
		Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary
Shanghai, Shanghai	Ho Ping 49	1,370	2,450	2,055	1				1	

SECRET

~~SECRET~~

Meters Feet

Year : 1959  
 Country : Communist China  
 Category : Maritime  
 Type : Coastal Cargo  
 Class : Ho Ping No. 25  
 Project No. :  
 Displacement : 2,700 Tons (Metric) (English)  
 Light ship : 8,730 Tons (English)  
 Full load : 6,030 Tons (English)  
 Deadweight : 4,730 Tons (English)  
 Gross Register : 4,730 Tons (English)  
 Length : 115.50  
 Over-all : 378.96  
 Between perpendiculars : 107.00 351.07  
 Beam : 16.00 52.50  
 Draft : 6.78 22.25  
 Propulsion :  
 Horsepower : 1 - 2,400 HP Steam Recip.

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1959		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)					
		Tons (English) Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary	Other
Dairen, Dairen	Ho Ping 57										
Chiangnan, Shanghai	Ho Ping 58										
Total	2	5,300	9,460	7,420	4				2		

~~SECRET~~

Year : 1959  
 Country : Hungary  
 Category : Maritime  
 Type : Cargo  
 Class : Telnovsk  
 Project No.:

Displacement (Metric) : 650 Tons  
 Light ship : 640 Tons  
 Full Load : 1,750 Tons  
 Deadweight : 1,100 Tons  
 Gross Register: 1,200 Tons

Length Over-all : 70.10 Meters  
 Between perpendiculars : 230.00 Feet  
 Beam : 65.98 Meters  
 Draft : 10.08 Meters  
 Propulsion : Diesel  
 Horsepower : 800

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1959		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)					
		Tons (English) Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary	Other
Cheorgiu-Dej, Budapest	11 Pesht Jan Kreuks Roya Takely Kanin Kagul *Sviyaga *Irgiz *Bira *Bureya *Iag	7,040	13,200	11,968	110	11					

\* Converted to Soviet Naval Auxiliaries, probably in the USSR.

8770-0-10-11

Meters Feet

Year : 1959  
 Country : Communist China  
 Category : Maritime Tug  
 Type : Maritime Tug  
 Class : 1,200 HP  
 Project No. :  
 Displacement (Metric) : 480 Tons  
 Light ship : 470 Tons  
 Full load : 740 Tons  
 Deadweight : 360 Tons  
 Gross Register : 485 Tons  
 Length Over-all : 44.45  
 Between perpendiculars : 41.00  
 Beam : 9.00  
 Draft : 3.00  
 Propulsion : Diesels  
 Horsepower : 2 - 600 HP (1,200 HP)

Shipyard and Location	Number of Ships and/or Name of Ship	Tons (English)		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)				
		Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary
Dairen, Dairen	13	6,110	6,305	6,760	13					
Chung Hua, Shanghai	2	940	970	1,040	2					
Total	15	7,050	7,275	7,800	15					

SECRET

~~S-E-C-R-E-T~~

Year : 1959  
 Country : Hungary  
 Category : Maritime  
 Type : Cargo  
 Class : Hazam  
 Project No. :  
 Displacement (Metric) : 710 Tons  
 Light ship : 1,980 Tons  
 Full load : 1,950 Tons  
 Deadweight : 1,250 Tons  
 Gross Register : 1,300 Tons  
 Length Over-all : 81.59 Meters  
 Between perpendiculars : 79.00 Meters  
 Beam : 10.60 Meters  
 Draft : 3.10 Meters  
 Propulsion : Diesel  
 Horsepower : 1,600 Feet

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1959		US Cost of Construction in Thousand Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)				
		Tons (English) Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary
Cheorgiu-Dej, Budapest	TokaJ	700	1,300	1,190	2				1	

~~S-E-C-R-E-T~~

~~S-E-C-R-E-T~~

Year : 1959  
 Country : Bulgaria  
 Category : Maritime  
 Type : Cargo  
 Class : Varna  
 Project No. :  
 Displacement (Metric) : 1,490 Tons  
 Light ship : 4,640 Tons  
 Full load : 3,150 Tons  
 Deadweight : 1,940 Tons  
 Gross Register: 1,940 Tons  
 Length Over-all : 92.05 Meters  
 Between perpendiculars : 85.40 Meters  
 Beam : 13.50 Meters  
 Draft : 5.65 Meters  
 Propulsion : Diesel  
 Horsepower : 2,000 Feet

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1959		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)				
		Tons (English) Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary
Georgi Dimitrov, Varna	G.K. Skanderberg	1,470	1,940	2,058	3					1 - Albania

~~S-E-C-R-E-T~~

Year	: 1959	Tons (Metric)	Tons (English)	Length Over-all	: 123.50	405.20
Country	: Bulgaria	Displacement		Between perpendiculars	: 115.02	377.38
Category	: Maritime	Light ship	: 1,820	Beam	: 16.02	52.56
Type	: Tanker	Full load	: 6,060	Draft	: 4.00	13.12
Class	: Oleg Koshovoy	Deadweight	: 4,240	Propulsion	: Diesel	
Project No.:		Gross Register:	2,950	Horsepower	: 1,600	

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1959		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)					
		Tons (English) Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary	Other
Georgi Dimitrov, Varna	2 Fedya Gubanov Pamyat 26 Komissarov	3,580	5,900	4,296	2	2					

~~S-E-C-R-E-T~~

Year : 1959  
 Country : Bulgaria  
 Category : Maritime  
 Type : Coastal Passenger  
 Class : Dimitrov  
 Project No. :  
 Displacement (Metric) : 650 Tons (English)  
 Light ship : 820 Tons (English)  
 Full load : 805 Tons (English)  
 Deadweight : 170 Tons (English)  
 Gross Register : 900 Tons (English)  
 Length Over-all : 63.80 Meters  
 Between perpendiculars : 57.80 Meters  
 Beam : 9.32 Meters  
 Draft : 3.00 Meters  
 Propulsion : Diesel  
 Horsepower : 1,000 Feet

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1959		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)					
		Tons (English)	Light Ship			Gross Register	USSR	Poland	East Germany	Communist China	Hungary
Georgi Dimitrov, Varna	V. Kolarov	640		900	2						1 - Bulgaria

~~S-E-C-R-E-T~~

~~S-B-0-1-1~~

Year : 1959  
 Country : Rumania  
 Category : Maritime  
 Type : Tug  
 Class :  
 Project No.:

Displacement :  
 Light ship : 380  
 Full load : 740  
 Deadweight : 360  
 Gross Register : 490

Tons (Metric) (English)  
 380 375  
 740 730  
 360 355  
 490 490

Length :  
 Over-all : 44.45 145.84  
 Between perpendiculars : 41.00 134.52  
 Beam : 9.00 29.53  
 Draft : 3.00 9.84  
 Propulsion :  
 Horsepower : 1,200

Shipyard and Location	Number of Ships and/or Name of Ship	Tons (English)		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)				
		Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary
Galati, Galati	10	3,750	4,900	2,800	10					

USSR

Meters Feet

Year : 1959  
 Country : Finland  
 Category : Maritime  
 Type : Cargo  
 Class : Furmanov  
 Project No. :  
 Displacement (Metric) : 1,670 Tons  
 Light ship : 4,770 Tons  
 Full load : 4,690 Tons  
 Deadweight : 3,100 Tons  
 Gross Register : 1,870 Tons  
 Length Over-all : 94.20 Meters  
 Between perpendiculars : 86.65 Meters  
 Beam : 11.00 Meters  
 Draft : 5.66 Meters  
 Propulsion : Diesel  
 Horsepower : 2,400

Shipyard and Location	Number of Ships and/or Name of Ship	Tons (English)		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)				
		Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary
Orichon Vulcan, Turku	Fazabad Farab Faleshty 3	4,920	5,610	7,380	3					

S-P-C-B-R-M

Meters Feet

Year : 1959  
 Country : Finland  
 Category : Maritime  
 Type : Cargo  
 Class : Arhangelsk  
 Project No. :

Displacement (Metric) (English)  
 Light ship : 4,300 4,230  
 Full load : 13,000 12,790  
 Deadweight : 8,700 8,560  
 Gross Register: 5,410 5,410

Length Over-all : 139.00 456.06  
 Between perpendiculars : 129.96 426.40  
 Beam : 17.60 57.75  
 Draft : 7.85 25.76  
 Population : Diesel  
 Horsepower : 6,300

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1959		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)				
		Tons (English) Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary
Crichton Vulcan, Turku	4 Dolinsk Berdvansk Srevensk Kislovodsk	16,920	21,640	21,996	4					

S-P-C-B-R-M

Year : 1959  
 Country : Finland  
 Category : Maritime  
 Type : Tanker  
 Class : Drogobitz  
 Project No. :  
 Displacement (Metric) : 2,140 Tons  
 Light ship : 6,590 Tons  
 Full load : 4,550 Tons  
 Deadweight : 4,480 Tons  
 Gross Register : 3,300 Tons  
 Length Over-all : 105.10 Meters / 344.83 Feet  
 Between perpendiculars : 96.62 Meters / 317.01 Feet  
 Beam : 14.78 Meters / 48.49 Feet  
 Draft : 6.13 Meters / 20.11 Feet  
 Propulsion : Diesel  
 Horsepower : 2,900

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1959		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)				
		Tons (English) Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary
Rauma Repola, Rauma	5 Mozyr Kokand Artem Balta Ventspils	10,500	16,500	12,600	5					

S-E-C-R-E-T

Meters Feet

Year : 1959  
 Country : Finland  
 Category : Maritime  
 Type : Seagoing Tug  
 Class :  
 Project No. :  
 Displacement (Metric) : 630  
 Light ship : 620  
 Pull load : 955  
 Deadweight : 325  
 Gross Register : 535  
 Length Over-all : 47.80  
 Between perpendiculars : 45.50  
 Beam : 9.50  
 Draft : 3.90  
 Propulsion : Steam (Trip. exp)  
 Horsepower : 800

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1959		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)				
		Tons (English) Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary
Crichon Vulcan, Turku	6	3,720	3,210	2,850	6					

S-B-E-R-E

Meters Feet

Year : 1959  
 Country : Finland  
 Category : Maritime  
 Type : Salvage Tug  
 Class :  
 Project No. :  
 Displacement (Metric) : 1,200  
 Light ship : 1,180  
 Full load : 1,790  
 Deadweight : 590  
 Gross Register : 1,010  
 Length Over-all : 61.47  
 Between perpendiculars : 56.62  
 Beam : 11.50  
 Draft : 4.50  
 Propulsion : Diesel  
 Horsepower : 1,700

Shipyard and Location	Number of Ships and/or Name of Ship	Tons (English)		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)				
		Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary
Valmet, Turku	2 Dekabrist (Unknown)	2,360	2,020	1,600	2					

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Year : 1959  
 Country : Denmark  
 Category : Maritime  
 Type : Cargo  
 Class :  
 Project No. :  
 Displacement : 4,100 Tons (Metric) 4,040 Tons (English)  
 Light ship : 12,740  
 Full load : 8,640  
 Deadweight : 8,500  
 Gross Register: 5,290  
 Length : 138.68 Meters 455.00 Feet  
 Over-all :  
 Between perpendiculars : 126.95 Meters 416.50 Feet  
 Beam : 18.11 Meters 59.42 Feet  
 Draft : 7.73 Meters 25.37 Feet  
 Population :  
 Horsepower : 8,300

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1959		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)						
		Tons (English) Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary	Other	
Elshnore, Elshnore	Stenkiewicz	4,040	5,290	5,656	1		1					

Year : 1959  
 Country : Denmark  
 Category : Maritime  
 Type : Refrigerator  
 Class : Perovomaysk  
 Project No. :  
 Displacement (Metric) : 2,200 Tons  
 Light ship : 3,700 Tons  
 Full load : 1,500 Tons  
 Deadweight : 3,320 Tons  
 Gross Register : 3,320 Tons  
 Length Over-all : 94.79 Meters  
 Between perpendiculars : 86.87 Meters  
 Beam : 14.43 Meters  
 Draft : 4.32 Meters  
 Population : 47.33 Feet  
 Horsepower : 14.17 Feet  
 Diesel : 2,160 Feet

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1959		US Cost of Construction in Thousand Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)				
		Tons (English) Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary
Burmeister and Wain, Copenhagen	3 Julius Janants Neva Perovomaysk	6,510	9,960	10,416	3					

S.F.C. Report

Year : 1959  
 Country : Yugoslavia  
 Category : Maritime  
 Type : Cargo  
 Class : Chopin  
 Project No. :  
 Displacement : 5,390 Tons (Metric) / 5,300 Tons (English)  
 Light ship : 16,260  
 Full load : 10,870  
 Deadweight : 7,200  
 Gross Register : 7,200  
 Length :  
 Over-all : 153.08 Meters / 502.26 Feet  
 Between perpendiculars : 140.00 Meters / 459.34 Feet  
 Beam : 18.80 Meters / 61.68 Feet  
 Draft : 8.99 Meters / 29.50 Feet  
 Propulsion : Diesel  
 Horsepower : 6,000

Shipyard and Location	Number of Ships and/or Name of Ship	Tons (English)		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)				
		Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary
Split, Split	2 Chopin Zamenhof	10,600	14,400	13,780		2				

S.F.C. Report

S-B-C-B-11

Meters Feet

Year : 1959		Tons (Metric)	Tons (English)
Country : Yugoslavia	Displacement	6,220	6,120
Category : Maritime	Light ship :	26,520	26,100
Type : Tanker	Full load :	20,300	19,980
Class : Karpaty	Deadweight :	13,480	13,480
Project No. :	Gross Register :		

Length Over-all	: 170.00	557.77
Between perpendiculars	: 162.60	533.49
Beam	: 21.90	71.85
Draft	: 9.44	30.97
Population	: Diesel	
Horsepower	: 8,750	

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1959		US Cost in Thousand Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)					
		Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary	Other
Ulanik, Rula	2 Karpaty Ostrava	12,240	26,960	13,464		1	X*				X - Czechoslovakia 1 - Czechoslovakia

\* Each X designates the destination of the ship.

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Meters      Feet

Year : 1959 Country : Japan Category : Maritime Type : Cargo Class : Kladdo Project No. :	Displacement : 4,570 Tons (Metric) Light ship : 17,020 Tons (English) Full load : 12,450 Tons (English) Deadweight : 12,250 Tons (English) Gross Register : 6,750 Tons (English)
--	--

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1959		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)					
		Tons (English)	Light Ship			Gross Register	USSR	Poland	East Germany	Communist China	Hungary
Hitachi, Sakurajima	Kladdo	4,500		8,750	5,850	1					1 - Czechoslovakia

Meters Feet

Year	: 1959	Displacement	: 1,080	(Metric)	(Tons)	Length	: 72.80
Country	: Sweden	Light ship	: 1,600		(English)	Over-all	: 238.86
Category	: Maritime	Full load	: 520			Between perpendiculars	: 66.90
Type	: Salvage tug	Deadweight	: 520			Beam	: 219.50
Class	: Family	Gross Register	: 1,440			Draft	: 11.60
Project No.:						Propulsion	: 3.70
						Horsepower	: 4,200

Shipyard and Location	Number of Ships and/or Name of Ship	Tons (English)		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)					
		Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary	Other
Gevele	3	3,180	4,320	2,400	4	3					
	Aldan Agstvan Arban										

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APPENDIX B

ESTIMATED PRODUCTION, VALUE, AND CHARACTERISTICS  
OF FISHING SHIPS PRODUCED BY AND FOR THE SINO-SOVIET BLOC  
BY TYPE, SOURCE, AND CLASS  
1959

~~SECRET~~

770 17

Year : 1959  
 Country : USSR  
 Category : Fishing  
 Type : Fish Factory Trawler  
 Class : Mayakovskiy  
 Project No.: 394

Displacement  
 Light ship : 2,360  
 Full Load : 3,660  
 Deadweight : 1,300  
 Gross Register: 3,170

Tons (Metric) (English)  
 2,320  
 3,600  
 1,280  
 3,170

Length  
 Over-all : 84.70  
 Between perpendiculars: 75.00  
 Beam : 14.00  
 Draft : 5.54  
 Propulsion : Diesel, 8 Dr-43/61 VI  
 Horsepower : 2,000

Shipyard and Location	Number of Ships and/or Name of Ship	Tons (English)		US Cost of Construction in Thousand Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)					
		Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary	Other
No. 444, Nikolayev	11 Turgenyev (308) Korolenko (310) Koltsov (311) Krylov (313) Gleb Uspenskiy (314) Sergey Yessenin (315) Krisyanski Valdemars (316) Stanukovich (317) Taras Shevchenko (318) Rudol'f Blakmanis (319) Lyudas Citra (320)	25,520	34,870	38,280	19	11					

Year : 1959  
 Country : USSR  
 Category : Fishing  
 Type : Whale Catcher  
 Class : Mirny  
 Project No. :  
 Displacement : 960 Tons (Metric) / 940 Tons (English)  
 Light ship : 1,275  
 Full load : 1,250  
 Deadweight : 315  
 Gross Register : 840  
 Length :  
 Over-all : 63.60 Meters / 208.67 Feet  
 Between perpendiculars : 59.75 Meters / 196.04 Feet  
 Beam : 9.52 Meters / 31.24 Feet  
 Draft : 4.40 Meters / 14.44 Feet  
 Propulsion : Diesel/Electric  
 Horsepower : 3,100 (SHP)

Shipyard and Location	Number of Ships and/or Name of Ship	Tons (English)		US Cost of Construction in Thousand Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)					
		Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary	Other
No. 445, Nikolayev	14	13,160	11,760	21,056	32	14					

S-E-C-R-E-T

Year : 1959  
 Country : USSR  
 Category : Fishing  
 Type : Whale Factory  
 Class : Sovetskaya Ukraina  
 Project No. :  
 Displacement : 17,100 Tons (Metric)  
 Light ship : 43,800 Tons (English)  
 Full load : 43,110  
 Deadweight : 26,700  
 Gross Register : 32,020  
 Length Over-all : 217.80 Meters  
 Between perpendiculars : 200.00 Feet  
 Beam : 27.80  
 Draft : 10.60  
 Propulsion : 2 Diesels  
 Horsepower : Total 15,000

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1959		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)					
		Tons (English) Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary	Other
No. 444, Nikolayev	Sovetskaya Ukraina	16,830	32,020	26,928	1	1					

S-E-C-R-E-T

Shipyard

Year : 1959  
 Country : Poland  
 Category : Fishing  
 Type : Fishing Base  
 Class : Severodvinsk (B-62)  
 Project No. :  
 Displacement : 7,680 Tons (Metric)  
 Light ship : 17,550 Tons (English)  
 Full load : 17,550 Tons (English)  
 Deadweight : 9,870 Tons (Metric)  
 Gross Register : 10,030 Tons (English)  
 Length : 155.14 Meters  
 Over-all : 509.01 Feet  
 Between perpendiculars : 142.00 Meters  
 Beam : 20.00 Meters  
 Draft : 8.20 Meters  
 Propulsion : 2 Recip. Steam W/Exh.  
 Horsepower : 5,000 St. Turb.

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1959		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)				
		Tons (English) Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary
Gdansk	Riga Svrtogor Sovetskaya Litva	22,680	30,090	31,752	4	3				

SECRET

Year : 1959  
 Country : Poland  
 Category : Fishing  
 Type : Trawler  
 Class : Zelenodolsk (B-14/II)  
 Project No. :  
 Displacement (Metric) : 1,110 Tons  
 Light ship : 1,610 Tons  
 Full load : 1,580 Tons  
 Deadweight : 500 Tons  
 Gross Register : 680 Tons  
 Length Over-all : 59.23 Meters / 194.33 Feet  
 Between perpendiculars : 53.86 Meters / 176.71 Feet  
 Beam : 9.00 Meters / 29.53 Feet  
 Draft : 4.95 Meters / 16.24 Feet  
 Population :  
 Horsepower : 800

Shipyard and Location	Number of Ships and/or Name of Ship	Tons (English)		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)					
		Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary	Other
Galynia	14	15,260	9,520	20,754	224		14				

SECRET

Year : 1959  
 Country : Poland  
 Category : Fishing  
 Type : Trawler  
 Class : Zelenodolsk (B-14)  
 Project No. :  
 Displacement (Metric) : 1,110 Tons  
 Light ship : 1,610 Tons  
 Full load : 1,610 Tons  
 Deadweight : 500 Tons  
 Gross Register : 680 Tons  
 Length Over-all : 59.23 Meters  
 Between perpendiculars : 53.86 Meters  
 Beam : 9.00 Meters  
 Draft : 4.32 Meters  
 Propulsion : Recip. Steam  
 Horsepower : 800

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1959		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)					
		Tons (English) Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary	Other
Gdansk	1	1,630	4,760	10,377	33	1					

SECRET

Year : 1959  
 Country : Poland  
 Category : Fishing  
 Type : Supercutter  
 Class : B-25  
 Project No. :  
 Displacement (Metric) : 140 Tons  
 Light ship : 135 Tons (English)  
 Full load : 200 Tons  
 Deadweight : 60 Tons  
 Gross Register : 110 Tons  
 Length Over-all : 24.60 Meters / 80.71 Feet  
 Between perpendiculars : 21.85 Meters / 71.69 Feet  
 Beam : 2.29 Meters / 7.51 Feet  
 Draft : 2.25 Meters / 7.38 Feet  
 Propulsion :  
 Horsepower : 225

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1959		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)					
		Tons (English) Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary	Other
Gdynia	10	1,350	1,100	1,836		10					

SECRET

~~S-S-8-1-1~~

Year : 1959  
 Country : East Germany  
 Category : Fishing  
 Type : Fish Factory Trawler  
 Class : Berthold Brecht  
 Project No. :  
 Displacement : 2,300 Tons (Metric)  
 Light ship : 3,600 Tons (English)  
 Full load : 1,300  
 Deadweight : 1,300  
 Gross Register : 3,000  
 Length Over-all : 85.09 Meters  
 Between perpendiculars : 279.18 Feet  
 Beam : 13.50  
 Draft : 5.00  
 Population : 14,29  
 Horsepower : 16.40  
 Diesel : 1,800

Shipyard and Location	Number of Ships and/or Name of Ship	Tons (English)		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)					
		Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary	Other
Machias Thesen Werft, Wismar	Berthold Brecht	2,260	3,000	3,390	1			1			

~~S-S-8-1-1~~

97-0-1-1-1

Year : 1959  
 Country : East Germany  
 Category : Fishing  
 Type : Trawler  
 Class : Okean  
 Project No. :  
 Displacement (Metric) : 480  
 Light ship : 475  
 Full load : 740  
 Deadweight : 260  
 Gross Register : 500  
 Length Over-all : 50.80  
 Between perpendiculars : 44.35  
 Beam : 8.80  
 Draft : 3.40  
 Propulsion : Diesel  
 Horsepower : 510  
 Tons (English) : 475  
 Tons (English) : 255  
 Tons (English) : 500

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1959		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)				
		Tons (English) Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary
Volkswerft, Stralsund	73	34,675	36,500	41,610	73					

SECRET

Year : 1959  
 Country : East Germany  
 Category : Fishing  
 Type : Seltner  
 Class :  
 Project No.:

Displacement (Metric) (Tons) : 140  
 Light ship : 190  
 Full load : 190  
 Deadweight : 50  
 Gross Register: 120

(Tons (English)) (Tons (English)) : 135  
 : 185  
 : 50  
 : 120

Length (Meters) (Feet)  
 Over-all : 22.86 75.00  
 Between perpendiculars : :  
 Beam : 6.10 20.01  
 Draft : 2.44 8.01  
 Propulsion : Diesel  
 Horsepower : 540

Shipyard and Location	Number of Ships and/or Name of Ship	Tons (English)		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)				
		Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary
Volkswerft Ernst Thaelman, Brandenburg	20	2,700	2,400	3,672	20					

SECRET

SECRET

Year : 1959  
 Country : East Germany  
 Category : Fishing  
 Type : Cutter  
 Class :  
 Project No. :  
 Displacement (Metric) (English)  
 Light ship : 140 135  
 Full load : 190 185  
 Deadweight : 50 50  
 Gross Register: 120 120  
 Length Over-all :  
 Between perpendiculars :  
 Beam :  
 Draft :  
 Propulsion : Diesel  
 Horsepower : 200

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1959		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)				
		Tons (English) Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary
Volkswerft Ernst Thaelman, Brandenburg	2	672	600	218						2 - Iceland

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Meters Feet

Year : 1959  
 Country : East Germany  
 Category : Fishing  
 Type : Logger  
 Class :  
 Project No. :  
 Displacement (Metric) : 310 Tons  
 Light ship : 470 Tons  
 Full load : 460 Tons  
 Deadweight : 155 Tons  
 Gross Register : 260 Tons  
 Length Overall : 39.15 Meters  
 Between perpendiculars : 34.79 Meters  
 Beam : 7.38 Meters  
 Draft : 2.85 Meters  
 Propulsion : Diesel  
 Horsepower : 400

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1959		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)				
		Tons (English) Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary
Volkwerft, Stralsund	2	2,745	2,340	3,733						2 - Iceland

SALE OF SHIPS

Year : 1959  
 Country : East Germany  
 Category : Fishing  
 Type : Cutter  
 Class : Maritime  
 Project No. :  
 Displacement : 120 Tons (Metric) (English)  
 Light ship : 120 Tons (Metric) (English)  
 Full load : 150 Tons (Metric) (English)  
 Deadweight : 30 Tons (Metric) (English)  
 Gross Register : 80 Tons (Metric) (English)  
 Length : 27.00 Meters  
 Over-all : 38.59 Meters  
 Between perpendiculars : 19.03 Meters  
 Beam : 5.80 Meters  
 Draft : 2.50 Meters  
 Propulsion : Diesel  
 Horsepower : 150

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1959		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)					
		Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary	Other
Elbeverft, Boitzenburg	18	2,160	1,440	2,592	30			18			

Year : 1959  
 Country : Japan  
 Category : Fishing  
 Type : Herring Factory Ship  
 Class : Lamut  
 Project No. :  
 Displacement (Metric) : 3,660 Tons  
 Light ship : 7,580 Tons  
 Full Load : 3,920 Tons  
 Deadweight : 4,980 Tons  
 Gross Register : 3,860 Tons  
 Length Over-all : 110.22 Meters  
 Between perpendiculars : 102.00 Meters  
 Beam : 16.00 Meters  
 Draft : 5.99 Meters  
 Propulsion : Diesel  
 Horsepower : 3,360 (Max. BHP)

Shipyard and Location	Number of Ships and/or Name of Ship	Completions 1959		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)						
		Tons (English)	Gross Register			USSR	Poland	East Germany	Communist China	Hungary	Other	
Hitech, Osaka	Lamut Nikolai Iseko	2	7,200	2,960	12,240	2						

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Year : 1959  
 Country : Japan  
 Category : Fishing  
 Type : Tuna Fishing  
 Class : Dnepr  
 Project No.:

Displacement (Metric) (Tons) : 450  
 Light ship : 920  
 Full load : 470  
 Deadweight : 500  
 Gross Register : 500

Length (Meters) (Feet)  
 Over-all : 52.90 (173.56)  
 Between perpendiculars : 47.00 (154.21)  
 Beam : 9.00 (29.53)  
 Draft : 3.47 (11.38)  
 Propulsion : Diesel  
 Horsepower : 1,210 (Max. BHP)

Shipyard and Location	Number of Ships and/or Name of Ship	Tons (English)		US Cost of Construction in Thousand Current Dollars	Cumulative Total of Ships Produced Through 1959	Distribution (Number)					
		Light Ship	Gross Register			USSR	Poland	East Germany	Communist China	Hungary	Other
Hitachi, Osaka	Dnepr Dnestr	2	880	1,197	2						

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APPENDIX C

SUMMARY OF ESTIMATED PRODUCTION AND VALUE  
OF MERCHANT SHIPS PRODUCED BY AND FOR THE SINO-SOVIET BLOC  
BY COUNTRY OF ORIGIN  
1959

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Category: Maritime

Type of Ship and Producing Country	Completions	Distribution					Remarks	
		USSR	Poland	East Germany	Communist China	Hungary		Other
USSR	3 9,100 17,890 11,846	3 9,100 17,890 11,846						
USSR	29 73,930 126,150 101,355	11 30,640 54,180 41,270	12 28,450 43,940 38,767					
USSR	25 73,070 102,000 94,066	17 46,200 70,740 60,060		6 24,090 27,640 29,558				
USSR						5 - Brazil 13,040 25,340 18,798		1 - Leniniski komomol-class and 2 - Inzhener Belov-class.
USSR						1 - Albania 1,800 2,690 2,520		
USSR						1 - West Germany 1,390 1,810 2,224		
USSR						1 - Guatemala 1,390 1,810 2,224		

\* LSD (light ship displacement in English tons), GRT (Gross register tons), and Value (cost of building in the US in thousand 1959 dollars).

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Category: Maritime

Type of Ship and Producing Country	Completions	Distribution					Remarks
		USSR	Poland	East Germany	Communist China	Hungary	
Cargo (Continued)							
Communist China							
Number	5				5		
LSD*	9,690				9,690		
GRT*	15,910				15,910		
Value*	14,005				14,005		
Hungary							
Number	12	11			1		
LSD	7,740	7,040			700		
GRT	14,500	13,200			1,300		
Value	13,158	11,968			1,190		
Bulgaria							
Number	1					1 - Albania	
LSD	1,470					1,470	
GRT	1,940					1,940	
Value	2,058					2,058	
Finland							
Number	7	7					4 - Archangel'sk class and
LSD	21,840	21,840					3 - Furmarov class.
GRT	27,250	27,250					
Value	29,376	29,376					

\* LSD (light ship displacement in English tons), GRT (Gross register tons), and Value (cost of building in the US in thousand 1959 dollars).

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Category: Maritime

Type of Ship and Producing Country	Completions	Distribution					Remarks
		USSR	Poland	East Germany	Communist China	Hungary	
Yugoslavia	Number 2						
	LSD* 10,600		10,600				
	GRT* 14,400		14,400				
Value* 13,780		13,780					
Denmark							
Japan	Number 1						
	LSD 4,040		4,040				
	GRT 5,290		5,290				
Value 5,656		5,656					
USSR	Number 1						
	LSD 4,500					1 - Czechoslovakia	
	GRT 8,750					4,500	
Value 5,850						8,750	
USSR	Number 86	49	15	6	5	1	10
	LSD 215,980	114,820	43,090	24,090	9,690	700	23,590
	GRT 334,080	183,260	63,630	27,640	15,910	1,300	43,340
Value 291,150	154,520	58,203	29,558	14,005	1,190	33,674	

\* LSD (light ship displacement in English tons), GRT (gross register tons), and Value (cost of building in the US in thousand 1959 dollars).

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Type of Ship and Producing Country		Completions	Distribution					Remarks
			USSR	Poland	East Germany	Communist China	Hungary	
Tanker								
USSR								
Number		11	11					
LSD*		40,340	40,340					
GRT*		69,410	69,410					
Value*		45,090	45,090					7 Kazbek-class and 4 Oleg Koshvovl-class.
East Germany								
Number		17		17				
LSD		3,725		3,725				
GRT		7,300		7,300				
Value		4,470		4,470				Includes 15 tank loggers.
Communist China								
Number		1			1			
LSD		2,270			2,270			
GRT		3,300			3,300			
Value		2,724			2,724			
Bulgaria								
Number		2	2					
LSD		3,580	3,580					
GRT		5,900	5,900					
Value		4,296	4,296					

\* LSD (light ship displacement in English tons), GRT (gross register tons), and Value (cost of building in the US in thousand 1959 dollars).

Category: Maritime

Type of Ship and Producing Country	Completions	Distribution						Remarks
		USSR	Poland	East Germany	Communist China	Hungary	Other	
Tanker (Continued)								
Finland	5 10,500 16,500 12,600 Value*	5 10,500 16,500 12,600 Value*						
Yugoslavia	2 12,240 26,960 13,464 Value		1 6,120 13,480 6,732 Value				1 - Czechoslovakia 6,120 13,480 6,732 Value	
Total	38 72,655 129,370 82,644 Value	18 54,420 91,810 61,986 Value	1 6,120 13,480 6,732 Value	17 3,725 7,300 4,470 Value	1 2,270 3,300 2,724 Value	1 6,120 13,480 6,732 Value		

\* LSD (light ship displacement in English tons), GRT (gross register tons), and Value (cost of building in the US in thousand 1959 dollars).

Category: Maritime

Type of Ship and Producing Country	Completions	Distribution					Remarks
		USSR	Poland	East Germany	Communist China	Hungary	
Passenger East Germany Number 4 LSD* 16,680 GRT* 19,480 Value* 30,024		4					
Communist China Number 21 LSD 7,470 GRT 12,580 Value 11,137		16			5 6,110 8,580 9,165		
Coastal Passenger Bulgaria Number 1 LSD 640 GRT 900 Value 1,152		1					
Refriggerator USSR Number 2 LSD 9,500 GRT 11,040 Value 15,200		2					Assigned to fishing fleet.

\* LSD (light ship displacement in English tons), GRT (Gross register tons), and Value (cost of building in the US in thousand 1959 dollars).

Category: Maritime

Type of Ship and Producing Country	Completions	Distribution					Remarks
		USSR	Poland	East Germany	Communist China	Hungary	
Refrigerator (Continued)							
Denmark							
Number	3	3					
USD*	6,510	6,510					
GRT*	9,960	9,960					
Value*	10,416	10,416					
Icebreaker							
USSR							
Number	1	1					Atomic Icebreaker <u>Lenin</u> .
USD	12,310	12,310					
GRT	10,000	10,000					
Value	50,000	50,000					
Water Carrier							
USSR							
Number	1	1					
USD	1,790	1,790					
GRT	2,950	2,950					
Value	2,148	2,148					

\* USD (light ship displacement in English tons), GRT (Gross register tons), and Value (cost of building in the US in thousand 1959 dollars).

Category: Maritime		Type of Ship and Producing Country	Completions	Distribution					Remarks
				USSR	Poland	East Germany	Communist China	Hungary	
Tugs									
USSR									
East Germany									
Number		1			1				
LSD*		3,360			3,360				
GRT*		6,500			6,500				
Value*		5,376			5,376				
Poland									
Number		N.A.							
LSD		15,000			15,000				
GRT		13,500			13,500				
Value		18,000			18,000				
East Germany									
Number		4			4				
LSD		2,000			2,000				
GRT		2,120			2,120				
Value		2,360			2,360				
East Germany									
Number		6			6				
LSD		720			720				
GRT		480			480				
Value		360			360				

\* LSD (light ship displacement in English tons), GRT (gross register tons), and Value (cost of building in the US in thousand 1959 dollars).

Category: Maritime

Type of Ship and Producing Country	Completions	Distribution					Remarks
		USSR	Poland	East Germany	Communist China	Hungary	
Tugs (Continued)							
Communist China							
Number	15	15					
LSD*	7,050	7,050					
GRT*	7,275	7,275					
Value	7,800	7,800					
Rumania							
Number	10	10					
LSD	3,750	3,750					
GRT	4,900	4,900					
Value	5,800	5,800					
Finland							
Number	8	8					
LSD	6,080	6,080					2 salvage tugs and 6 maritime tugs.
GRT	5,230	5,230					
Value	4,450	4,450					
Sweden							
Number	3	3					
LSD	3,180	3,180					
GRT	4,320	4,320					
Value	2,400	2,400					

\* LSD (Light ship displacement in English tons), GRT (Gross register tons), and Value (cost of building in the US in thousand 1959 dollars).

Category: Maritime

Type of Ship and Producing Country	Completions	Distribution					Remarks
		USSR	Poland	East Germany	Communist China	Hungary	
Hydrographic Survey							
USSR							
Number	1	1					
USD*	2,320	2,320					
GRT*	3,170	3,170					
Value*	3,480	3,480					
Miscellaneous ships							
East Germany							
Number	9	7	2				
USD	4,940	4,240	700				Includes floating repair shops, buoy tenders, and crane ships.
GRT	5,240	4,640	600				
Value	6,136	5,016	1,120				

\* USD (light ship displacement in English tons), GRT (Gross register tons), and Value (cost of building in the US in thousand 1959 dollars).

Category: Fishing

Type of Ship and Producing Country	Completions	Distribution					Remarks
		USSR	Poland	East Germany	Communist China	Hungary	
Fish Factory Trawlers							
USSR							
Number	11	11					
LSD*	25,520	25,520					
GRT*	34,870	34,870					
Value*	38,280	38,280					
East Germany							
Number	1						
LSD	2,260						
GRT	3,000						
Value	3,390						
Trawlers, Selners, etc.							
USSR							
Number	N.A.	N.A.					
LSD	68,400	68,400					
GRT	60,000	60,000					
Value	83,000	83,000					
Poland							
Number	31	7	24				
LSD	24,240	7,630	16,610				
GRT	15,380	4,760	10,620				
Value	32,967	10,377	22,590				

\* LSD (light ship displacement in English tons), GRT (gross register tons), and Value (cost of building in the US in thousand 1959 dollars).

Category: Fishing

Type of Ship and Producing Country	Completions	Distribution					Remarks
		USSR	Poland	East Germany	Communist China	Hungary	
Travelers, Selniers, etc. (Continued)							
East Germany							
Number	125	93		18		14 - Iceland	
ISD*	42,955	37,375		2,160		3,420	
GRT*	43,280.	38,900		1,440		2,940	
Value*	52,525	45,282		2,592		4,551	
Whale Factory							
USSR							
Number	1	1					
ISD	16,830	16,830					
GRT	32,020	32,020					
Value	26,928	26,928					
Whale Catchers							
USSR							
Number	14	14					
ISD	13,160	13,160					
GRT	11,760	11,760					
Value	21,056	21,056					

\* ISD (light ship displacement in English tons), GRT (Gross register tons), and Value (cost of building in the US in thousand 1959 dollars).

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Category: Fishing

Type of Ship and Producing Country	Completions	Distribution					Remarks
		USSR	Poland	East Germany	Communist China	Hungary	
Base Ships							
Poland	Number LSD* GRT* Value*	3 22,680 30,090 31,752					
Factory Ships							
Japan (Herring Factory Ship)	Number LSD GRT Value	2 7,200 9,960 12,240	2 7,200 9,960 12,240				
Tuna Clippers							
Japan	Number LSD GRT Value	2 880 1,000 1,197	2 880 1,000 1,197				

\* LSD (light ship displacement in English tons), GRT (gross register tons), and Value (cost of building in the US in thousand 1959 dollars).

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Category: Self-propelled ships for inland waterways

Producing Country	Completions	Distribution					Remarks
		USSR	Poland	East Germany	Communist China	Hungary	
USSR							
Horsepower Value*	130,700 78,420	130,700 78,420					
East Germany							
Horsepower Value	9,200 20,335	8,400 19,943				800 - West Germany 392	Includes 7 passenger ships and 2 tankers.
Communist China							
Horsepower Value	50,000 30,000			50,000 30,000			
Hungary							
Horsepower Value	8,450 8,124	8,450 8,124					Includes 13 passenger ships and 1 tug.
Rumania							
Horsepower Value	3,000 1,692				3,000 - Rumania 1,692		3 self-propelled barges.
Czechoslovakia							
Horsepower Value	16,275 11,594	16,275 11,594					Includes 3 passenger ships and 15 tugs.

\* Cost of building in the US in thousand 1959 dollars.

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Category: Self-propelled ships for inland waterways

Producing Country	Completions	Distribution					Remarks
		USSR	Poland	East Germany	Communist China	Hungary	
Finland	6,600 2,658	6,600 2,658					Includes 6 self-propelled barges and 3 tugs.
Austria	4,800 4,248	4,800 4,248					2 passenger ships.

\* Cost of building in the US in thousand 1959 dollars.

Category: Non-self-propelled ships for inland waterways

Producing Country	Completions	Distribution					Remarks
		USSR	Poland	East Germany	Communist China	Hungary	
USSR							
DMTCC* Value*	260,000 23,400	260,000 23,400					
Communist China				145,000 13,050			
DMTCC Value	145,000 13,050						
Bulgaria							
DMTCC Value	24,600 1,000	24,600 1,000					15 barges
Rumania							
DMTCC Value	10,624 732	7,872 512			2,752 - Rumania 220		8 tank barges and 4 cargo barges.
Finland							
DMTCC Value	50,000 9,188	50,000 9,188					50 barges.

\* DMTCC (deadweight tons cargo carrying capacity in English tons) and Value (cost of building in the US in thousand 1959 dollars).

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APPENDIX D

METHODOLOGY

The figures on volume in Appendixes A and B were derived from a careful analysis of information from numerous sources, which included both finished and raw intelligence reports.

The dollar value of ships produced by the Sino-Soviet Bloc has been estimated in several ways. When similar ships have been built in the US, their costs per ton of light ship displacement have been applied to production of ships by the Bloc. When similar types of ships have not been built in the US but where the costs of such ships are available from Western Europe or Japan, these costs have been used. These costs are adjusted to US costs by the estimated difference between the cost of production of ships in the foreign country and in the US. The main source of these differentials is the US Maritime Administration. When costs of other types of ships are not available, an estimate of cost is made by using known costs of US ships with similar complexity of design and construction.

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