

Economic Research Aid

ESTIMATED NUMBER, VALUE, AND DISTRIBUTION
OF MERCHANT SHIPS
CONSTRUCTED BY AND FOR THE SINO-SOVIET BLOC
1961



CIA/RR A.ERA 62-3

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CENTRAL INTELLIGENCE AGENCY
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FOREWORD

This research aid is the third in a series of annual studies on the construction, value, and distribution of merchant ships produced by and for the Sino-Soviet Bloc. This publication revises and updates the data on construction and value in the second report of the series, CIA/RR A.ERA 61-5, Estimated Number, Value, and Distribution of Merchant Ships Constructed by and for the Sino-Soviet Bloc, 1959 and 1960, August 1961, SECRET.

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ESTIMATED NUMBER, VALUE, AND DISTRIBUTION OF MERCHANT SHIPS
CONSTRUCTED BY AND FOR THE SINO-SOVIET BLOC*
1961

Summary

The estimated value of construction of merchant ships by and for the Sino-Soviet Bloc in 1961 is about \$1.1 billion.** Of this amount, \$158 million (about 14 percent) was imported from countries outside the Bloc, and about \$62 million (5 percent) was exported to countries outside the Bloc.

Comparable data on value for the years 1959, 1960, and 1961, relating to all types of merchant ships constructed by and for the Sino-Soviet Bloc, are shown in the following tabulation:

	(Million 1960 US \$)		
	1959	1960	1961
Sino-Soviet Bloc	985.4	1,069.0	979.5
Non-Bloc	121.5	149.0	158.0
Total	1,106.9	1,218.0	1,137.5

Comparisons of construction, imports, and exports of maritime ships,*** by value, within the Sino-Soviet Bloc in 1961 are shown in the following tabulation:

	(Million 1960 US \$)		
	Construction	Imports	Exports
USSR	104.3	284.3	10.4
Poland	143.2	18.6	101.3
East Germany	106.1	10.4	76.3
Communist China	24.8	0	6.8
Hungary	13.6	0	13.6
Bulgaria	10.9	0	10.1
Rumania	19.8	6.8	6.0
Albania	0	3.1	0
Total	422.7	323.2	224.5

* The estimates in this research aid represent the best judgment of this Office as of 1 February 1962.

** Dollar values are given in 1960 US dollars throughout this research aid.

*** Ships listed in this research aid are considered to have been delivered by a shipyard, complete and ready [footnote continued on p. 2]

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Of the total value of maritime ships imported by the USSR -- \$284.3 million -- \$151.7 million (or 53 percent) represented maritime ships built in other countries of the Bloc, whereas \$132.6 million (or 47 percent) represented maritime ships built in countries outside the Bloc.

In terms of maritime tonnage,* the USSR built, imported, and exported cargo ships and tankers in 1961, as follows:

	<u>Construction</u>		<u>Imports</u>		<u>Exports</u>	
	<u>Number of Ships</u>	<u>GRT</u>	<u>Number of Ships</u>	<u>GRT</u>	<u>Number of Ships</u>	<u>GRT</u>
Cargo ships	8	66,880	34	149,420		
Tankers	7	48,350	16	116,525	2	16,460
Total	<u>15</u>	<u>115,230</u>	<u>50</u>	<u>265,945</u>	<u>2</u>	<u>16,460</u>

for service, and the total value of the ship has been credited to the year of completion. The ships are classified according to the following major categories:

Maritime -- ships engaged in oceangoing and coastal service including the Caspian Sea.

Fishing -- both inland and oceangoing ships.

Inland -- ships that operate on inland waterways excluding the Caspian Sea. Because some ships are converted after completion to naval auxiliary service and other services, the ships listed do not necessarily constitute additions to the several merchant fleets.

* Several abbreviations that are used repeatedly in the tables in this research aid may be defined as follows:

LSD (light ship displacement) is the weight, in tons of 2,240 pounds, of a complete ship, ready for service in every respect, including the weight of permanent ballast and liquids in the machinery at operating levels but excluding the weight of the members of the crew and their effects and any item of consumable or variable load such as stores, fuel, and cargo.

DWT (deadweight tonnage) is the carrying capacity of a ship, in tons of 2,240 pounds, including the members of the crew and their effects as well as the weight of all items of consumable or variable load such as stores, fuel, and cargo. The deadweight tonnage is the difference in tons between full load displacement and light ship displacement.

[footnote continued on p. 3]

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In 1961 the Sino-Soviet Bloc constructed fishing ships totaling more than 297,000 GRT and valued at \$376 million. No fishing ships were built in countries outside the Bloc for the Bloc.

The total value of inland ships built in the Sino-Soviet Bloc in 1961 was about \$181 million. The paucity of information on these ships precludes a detailed breakdown of data on their construction.

Construction of merchant ships by and for the Sino-Soviet Bloc in 1961 indicates that no apparent trends are developing which are discernible in the aggregate data. The USSR, however, imported more tankers in 1961 than in 1960. Changes in the number, type, and size of merchant ships constructed from year to year are considered normal for the industry.

GRT (gross register tons) is a measure wherein the entire internal cubic capacity of the ship is expressed in register tons -- 100 cubic feet to the ton, not including certain spaces such as peak tanks and other tanks of water ballast, open forecastle, bridge and poop, hatchway excess, certain light and air spaces, anchor gear, steering gear, wheelhouse, galley, cabins for passengers, and other minor spaces specified by the law.

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Table 1

Summary of the Number, Value, and Distribution of Merchant Ships
Constructed by and for the Sino-Soviet Bloc, by Type of Ship ^{a/}
1961

Value in Terms of Million 1960 US \$

Country of Origin and Type	Number	Tons				Distribution																						
		LSD	DWT	GRT	Value	USSR		Poland		East Germany		Communist China		Hungary		Bulgaria		Rumania		Czechoslovakia		Albania		Non-Bloc Countries		Country		
						Number	Value	Number	Value	Number	Value	Number	Value	Number	Value	Number	Value	Number	Value	Number	Value	Number	Value	Number	Value		Number	Value
Sino-Soviet Bloc																												
USSR																												
Maritime	15 b/	82,390	151,630 b/	137,370	104.3	13	93.9			2	10.4																	
Fishing	1,889	N.A.	N.A.	234,490	304.9	1,889	304.9																					
Inland (value only)					106.3		106.3																					
Total USSR		N.A.	N.A.	371,860	515.5	1,902	505.1			2	10.4																	
Poland																												
Maritime	43	102,695	192,805	160,035	143.2	12	51.2	15	41.9												1	3.1	3	9.3	Brazil			
Fishing	26	37,925	31,105	41,990	51.6	7	38.2	14	10.9														10	24.1	Indonesia			
Inland (value only)																							2	13.6	Switzerland			
Total Poland		140,620	223,910	201,985	194.8	19	89.4	29	52.8												1	3.1	3	21.6	France			
East Germany																												
Maritime	29	72,760	110,470	102,615	106.1	20	69.1			8	29.8																	
Fishing	10	10,340	9,250	20,800	19.4	6	13.9			4	5.5																	
Inland (value only)					11.9		8.4				3.5																	
Total East Germany		83,100	119,720	123,415	127.4	26	91.4			12	38.8																	
Communist China																												
Maritime	24	21,010	33,570	27,485	24.8	13	6.8				11	18.0																
Inland (value only)					16.5							16.5																
Total Communist China		21,010	33,570	27,485	41.3	13	6.8				11	34.5																
Hungary																												
Maritime	8	8,960	13,000	10,400	13.6	5	8.5							0.8														
Inland (value only)					14.6		13.8																					
Total Hungary		8,960	13,000	10,400	28.2	5	22.3							0.8														
Bulgaria																												
Maritime	7	7,010	10,000	11,000	13.0	5	11.0																					
Inland (value only)					14.0		13.0																					
Total Bulgaria		7,010	10,000	11,000	27.0	5	24.0																					

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Table 2

Summary of the Number, Value, and Distribution of Merchant Ships Constructed by the USSR
by Type of Ship a/
1961

Type	Number	Million 1960 US \$												
		Tons		Distribution										
		LSD	DWT	GRT	Value	Sino-Soviet Bloc Countries				Other		Non-Bloc Countries		
						USSR	Poland	East Germany	Communist China	Value	Country	Value	Country	
<u>Maritime</u>														
Cargo	8	34,930	85,320	66,880	45.0	45.0								
Tanker	7	25,780	66,310	48,350	28.0	17.6		10.4						
Miscellaneous	N.A.	21,680	N.A.	22,140	31.3	31.3								
Total maritime	15 b/	82,390	151,630 b/	137,370	104.3	93.9		10.4						
<u>Fishing</u>														
Crab cannery	1	8,810	6,250	10,700	13.2	13.2								
Fish-factory trawler	14	32,480	17,920	44,380	48.7	48.7								
Whale factory	1	16,830	26,280	32,020	25.2	25.2								
Whale catcher	14	13,160	4,340	11,760	21.0	21.0								
Refrigerator/factory	1	4,750	4,080	5,520	7.2	7.2								
Refrigerator	5	14,250	12,300	16,150	22.5	22.5								
Trawlers, seiners, and the like	1,853	N.A.	N.A.	113,920	167.1	167.1								
Total fishing	1,882	N.A.	N.A.	234,450	304.9	304.9								
<u>Inland</u>														
Self-propelled	N.A.	(141,200 horsepower)			84.7	84.7								
Non-self-propelled	N.A.	(240,000 tons cargo-carrying capacity)			21.6	21.6								
Total inland (value only)					106.3	106.3								
Total merchant (value only)					515.5	505.1		10.4						

a. Excluding a few small miscellaneous ships.

b. Excluding two passenger ships, one port icebreaker, and an unknown number of tugs.

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Table 3

Estimated Number and Value of Maritime Cargo Ships, Tankers,
and Miscellaneous Ships Constructed by the USSR
1961

Value in Terms of Million 1960 US \$																
Distribution																
Sino-Soviet Bloc Countries																
Type and/or Class	Number	Value	USSR		Poland		East Germany		Communist China		Other		Non-Bloc Countries			
			Number	Value	Number	Value	Number	Value	Number	Value	Number	Value	Country	Number	Value	Country
Cargo																
<u>Leninskiy Komsomol</u>	4	29.8	4	29.8												
<u>Favlin Vinogradov</u>	1	4.4	1	4.4												
<u>Inzhener Belov</u>	2	4.7	2 a/	4.7												
<u>Anguema</u>	1	6.1	1	6.1												
Total cargo	8	45.0	8	45.0												
Tanker																
<u>Kasbek</u>	3	15.6	1	5.2			2	10.4								
<u>Pekin</u>	1	9.2	1	9.2												
<u>Khobi</u>	3	3.2	3	3.2												
Total tanker	7	28.0	5	17.6			2	10.4								
Miscellaneous																
Passenger																
<u>Kirgizstan</u>	2	10.8	2	10.8												
Port icebreaker																
<u>Dobrynya Nikitich</u>	1	2.5	1	2.5												
Tug																
Various types	N.A.	18.0	N.A.	18.0												
Total miscellaneous	N.A.	31.3	N.A.	31.3												
Total maritime	N.A.	104.3	N.A.	93.9			2	10.4								

a. Assigned to Caspian Sea service.

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Table 4

Estimated Number and Value of Fishing Ships Constructed by the USSR
1961

Value in Terms of Million 1960 US \$

Type and/or Class	Distribution														
	Sino-Soviet Bloc Countries														
	USSR		Poland		East Germany		Communist China		Other			Non-Bloc Countries			
	Number	Value	Number	Value	Number	Value	Number	Value	Number	Value	Country	Number	Value	Country	
Crab cannery	1	13.2	1	13.2											
Fish-factory trawler	14	48.7	14	48.7											
Whale factory	1	25.2	1	25.2											
Whale catcher	14	21.0	14	21.0											
Refrigerator/factory	1	7.2	1	7.2											
Refrigerator	5	22.5	5	22.5											
Trawlers, seiners, and the like	1,853	167.1	1,853	167.1											
Total fishing	1,889	304.9	1,889	304.9											

Table 5

Estimated Number and Distribution of Maritime Cargo Ships Constructed by the USSR, by Shipyard
1961

Class of Ship and Shipyard	Number of Ships	Name of Ship	Tons			Cumulative Construction Through 1961	Units							
			LSD	DWT	GRT		Distribution							
							Sino-Soviet Bloc Countries				Other		Non-Bloc Countries	
							USSR	Poland	East Germany	Communist China	Number	Country	Number	Country
<u>Leninskiy Komsomol</u>														
No. 102, Kherson	2	<u>Turiy Gagarin</u> <u>Khirurg Vyshnevskiy</u>	11,920	31,580	24,180	5	2	x	a/					
No. 444, Nikolayev	2	<u>Metallurg Bardin</u> <u>Fredrik Zholio Kuryi</u>	11,920	31,580	24,180	4	x							
Total	4		<u>23,840</u>	<u>63,160</u>	<u>48,360</u>	2	4							
<u>Pavlin Vinogradov</u>														
No. 189, Leningrad	1	<u>MezenLes</u>	<u>3,110</u>	<u>6,160</u>	<u>4,750</u>	2	1	x						
<u>Inzhener Belov</u>														
Navashino	2	N.A. N.A.	<u>3,140</u>	<u>7,300</u>	<u>5,800</u>	10	2	b/						
<u>Amguema</u>														
No. 199, Komsomol'sk	1		<u>4,840</u>	<u>8,700</u>	<u>7,970</u>	1	1							
Total maritime cargo	8		<u>34,930</u>	<u>85,320</u>	<u>66,880</u>	22	8							

a. Each "x" designates the destination of the ship.
b. Assigned to Caspian Sea service.

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Table 6

Estimated Number and Distribution of Maritime Tankers Constructed by the USSR, by Shipyard
1961

Class of Ship and Shipyard	Number of Ships	Name of Ship	Tons			Cumulative Construction Through 1961	Units							
			LSD	DWT	GRT		Distribution							
							Sino-Soviet Bloc Countries				Other			
							USSR	Poland	East Germany	Communist China	Number	Country	Number	Country
<u>Kazbek</u>														
No. 194, Leningrad	2	Zietz Boehlen	9,840	22,500	16,460	25			2	x a/ x				
No. 102, Kherson	1	Moskal'vo	4,920	11,250	8,230	31	1	x						
Total	3		14,760	33,750	24,690	69 b/	1		2					
<u>Pekin</u>														
No. 189, Leningrad	1	Praga	2,160	29,980	21,260	4	1	x						
<u>Khobi</u>														
No. 190, Leningrad	3	Syrkum c/ Kandagach d/ N.A.	1,860	2,580	2,400	53			3	x x x				
Total maritime tanker	7		25,780	66,310	48,350		2		2					

- a. Each "x" designates the destination of the ship.
 b. Including 13 tankers produced by Shipyard No. 444, Nikolayev.
 c. Transferred to Cuba.
 d. Assigned to the fishing fleet.

Table 7

Estimated Number and Distribution of Miscellaneous Maritime Ships Constructed by the USSR
by Shipyard
1961

Class of Ship and Shipyard	Number of Ships	Name of Ship	Tons			Cumulative Construction Through 1961	Units								
			LSD	DWT	GRT		Distribution								
							Sino-Soviet Bloc Countries				Other			Non-Bloc Countries	
							USSR	Poland	East Germany	Communist China	Number	Country	Number	Country	
Passenger															
<u>Kirgizstan</u>															
No. 190, Leningrad	2	<u>Tadzhikistan</u> <u>Kolkhida</u>	4,680	1,140	6,440	5									2 x a/ x
Port icebreaker															
<u>Dobrynya Nikitich</u>	1	<u>Furga</u>	2,000	675	2,200	2									1 x
Tug															
Various types	N.A.		15,000	N.A.	13,500	N.A.	N.A.								
Total miscellaneous maritime	N.A.		<u>21,680</u>	N.A.	<u>22,140</u>	N.A.	N.A.								

a. Each "x" designates the destination of the ship.

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Table 8

Estimated Number and Distribution of Fishing Ships Constructed by the USSR, by Shipyard
1961

Class of Ship and Shipyard	Number of Ships	Name of Ship	Tons			Cumulative Construction Through 1961	Units							
			LSD	DWT	GRT		Distribution							
							Sino-Soviet Bloc Countries				Non-Bloc Countries			
							USSR	Poland	East Germany	China	Other	Number	Country	Number
Crab cannery														
<u>Andre Zakharov</u>														
No. 194, Leningrad	1	<u>Pavel Chebotnyagin</u>	8,810	6,250	10,700	2	1							
							x	a/						
Fish-factory trawler														
<u>Mayskovskiy</u>														
	14	<u>Yukhan Syutiste</u>	32,480	17,920	44,380	45	14							
		<u>Zemchug</u>					x							
		<u>Barabinsk</u>					x							
		<u>Vitautas Montvilia</u>					x							
		<u>Leon Paegle</u>					x							
		<u>Kapitan Taran</u>					x							
		<u>Rubin</u>					x							
		<u>Braslav</u>					x							
		<u>Bikin</u>					x							
		<u>Basargin</u>					x							
		<u>Ametyst</u>					x							
		<u>Pioner Zapol'yar'ye</u>					x							
		<u>Snabzhenets Pervyy</u>					x							
Whale factory														
<u>Sovetskaya Ukraina</u>														
No. 444, Nikolayev	1	<u>Sovetskaya Rossiya</u>	16,830	26,280	32,020	2	1							
							x							

a. Each "x" designates the destination of the ship.

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Table 8

Estimated Number and Distribution of Fishing Ships Constructed by the USSR, by Shipyard
1961
(Continued)

Class of Ship and Shipyard	Number of Ships	Name of Ship	Units															
			Tons			Cumulative Construction Through 1961	Distribution											
			LSD	DWT	GRT		Sino-Soviet Bloc Countries				Other		Non-Bloc Countries					
							USSR	Poland	East Germany	Communist China	Number	Country	Number	Country				
Whale catcher																		
<u>Mirnyy</u>																		
No. 445, Nikolayev	14		13,160	4,340	11,760	58	14											
		Smetlivyy					x											
		Sovremennyy					x											
		V-5 through V-16					x											
Refrigerator/factory																		
<u>Sevastopol'</u>																		
No. 189, Leningrad	1		4,750	4,080	5,520	5	1											
		Egershel'd					x											
Refrigerator																		
<u>Tavriya</u>																		
Nikolayev area	5		14,250	12,300	16,150	8	5											
		Vitaliy Bonivur					x											
		Andre Bydanov					x											
		Sovetskaya Rossiya					x											
		Sovetskaya Latvya					x											
		Sovetskaya Rodina					x											
Trawlers, seiners, and the like																		
Various types	1,853		N.A.	N.A.	113,920	N.A.	1,853											
Total fishing	<u>1,889</u>		N.A.	N.A.	<u>234,450</u>	N.A.	<u>1,889</u>											

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Table 9

Summary of the Number, Value, and Distribution of Merchant Ships Constructed by Poland
by Type of Ship a/
1961

Type	Number	Million 1960 US \$											
		Distribution										Non-Bloc Countries	
		Sino-Soviet Bloc Countries										Other	
		Tons			Value	USSR	Poland	East Germany	Communist China	Value	Country	Value	Country
LSD	DWT	GRT											
<u>Maritime</u>													
Cargo	39	93,695	169,680	143,270	133.8	41.8	41.9			3.1	Albania	24.1	Indonesia
Tankers	4	9,000	23,125	16,765	9.4	9.4						13.6	Switzerland
Total maritime	<u>43</u>	<u>102,695</u>	<u>192,805</u>	<u>160,035</u>	<u>143.2</u>	<u>51.2</u>	<u>41.9</u>					<u>47.0</u>	Brazil
<u>Fishing</u>													
Fish factory trawler	6	13,590	7,320	16,020	20.4	17.0	3.4						
Fishing base	2	15,120	19,420	20,060	21.2	21.2							
Trawlers and cutters	18	9,215	4,365	5,870	10.0		7.5					2.1	France
Total fishing	<u>26</u>	<u>37,925</u>	<u>31,105</u>	<u>41,950</u>	<u>51.6</u>	<u>38.2</u>	<u>10.9</u>					<u>2.5</u>	Cuba
Total merchant	<u>69</u>	<u>140,620</u>	<u>223,910</u>	<u>201,985</u>	<u>194.8</u>	<u>89.4</u>	<u>52.8</u>			<u>3.1</u>		<u>49.5</u>	

a. Excluding a few small miscellaneous ships.

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Table 10

Estimated Number and Value of Maritime Cargo Ships Constructed by Poland
1961

Value in Terms of Million 1960 US \$

Type and/or Class	Number	Value	Distribution													
			Sino-Soviet Bloc Countries										Non-Bloc Countries			
			USSR		Poland		East Germany		Communist China		Other		Number	Value	Country	
			Number	Value	Number	Value	Number	Value	Number	Value	Number	Value				
<u>Donbass</u> (B-31)	5	15.5			1	3.1					1	3.1	Albania	3	9.3	Brazil
<u>Marceli Nowotko</u> (B-54)	6	40.8	2	13.6	2	13.6								2	13.6	Switzerland
<u>Krynica</u> (B-55)	3	11.4			3	11.4										
<u>Goplana</u> (B-57)	5	6.0			5	6.0										
<u>Oliwa</u> (B-59)	1	3.7												1	3.7	Indonesia
<u>Togaran</u> (B-450)	4	14.4												4	14.4	Indonesia
<u>Rambutan</u> (B-471)	5	6.0												5	6.0	Indonesia
<u>Rokita</u> (B-475)	2	2.4			2	2.4										
<u>Wolin</u> (B-513)	2	5.4			2	5.4										
<u>Volgoles</u> (B-514)	6	28.2	6	28.2												
Total maritime cargo	39	133.8	8	41.8	15	41.9					1	3.1		15	47.0	

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Table 11

Estimated Number and Value of Maritime Tankers Constructed by Poland
1961

		Value in Terms of Million 1960 US \$													
		Distribution													
		Sino-Soviet Bloc Countries													
		USSR		Poland		East Germany		Communist China		Other			Non-Bloc Countries		
Type and/or Class	Number	Value	Number	Value	Number	Value	Number	Value	Number	Value	Country	Number	Value	Country	
Bausk (B-70)	1	6.2	1	6.2											
Ogre (B-74)	3	3.2	3	3.2											
Total maritime tanker	4	9.4	4	9.4											

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Table 12

Estimated Number and Value of Fishing Ships Constructed by Poland
1961

Value in Terms of Million 1960 US \$

Type and/or Class	Number	Value	Distribution														
			Sino-Soviet Bloc Countries												Non-Bloc Countries		
			USSR		Poland		East Germany		Communist China		Other		Country	Number	Value	Country	
			Number	Value	Number	Value	Number	Value	Number	Value	Number	Value					
Trawler																	
<u>Zelenodol'sk (B-14)</u>	1	1.6			1	1.6											
Fish factory trawler																	
<u>Leskov (B-15)</u>	6	20.4	5	17.0	1	3.4											
Trawler																	
<u>Miedwie (B-20)</u>	5	4.5			5	4.5											
Trawler																	
<u>Curie Sklodowska (B-21)</u>	3	2.1												3	2.1	France	
Cutter																	
<u>Cutter (B-25)</u>	9	1.8			7	1.4								2	0.4	Cuba	
Fishing base																	
<u>Severodvinsk (B-62)</u>	2	21.2	2	21.2													
Total fishing	<u>26</u>	<u>51.6</u>	<u>7</u>	<u>38.2</u>	<u>14</u>	<u>10.2</u>								<u>2</u>	<u>2.5</u>		

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Table 13

Estimated Number and Distribution of Cargo Ships Constructed by Poland, by Shipyard
1961

Class of Ship and Shipyard	Number of Ships	Name of Ship	Tons		Cumulative Construction Through 1961	Units								
			LSD	DWT		GRT	Distribution							
							Sino-Soviet Bloc Countries				Other		Non-Bloc Countries	
							USSR	Poland	East Germany	Communist China	Number	Country	Number	Country
<u>Donbass (B-31)</u>														
Gdansk Shipyard	5	Zielona Gora Duresi Pirambu Tambau Boa Viagem	11,000	25,100	19,100	87		1 x a/			1	Albania	3	Brazil
<u>Marceli Nowotko (B-54)</u>														
A. Warski, Szczecin	3	Phenian Dzinogorsk Mednogorsk	16,260	32,490	29,700	5	2	1 x x						
Gdansk Shipyard	3	Djakarta Francois L.D. Rhone	16,260	32,490	29,700	23		1 x					2	Switzerland
Total	6		32,520	64,980	59,400	28	2	2					2	
<u>Togaran (B-450)</u>														
A. Warski, Szczecin	4	Togaran Tomko Polando Tombatu	7,280	9,040	11,040	4							4 x x x x	Indonesia

a. Each "x" designates the destination of the ship.

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Table 13

Estimated Number and Distribution of Cargo Ships Constructed by Poland, by Shipyard
1961
(Continued)

Class of Ship and Shipyard	Number of Ships	Name of Ship	Tons		Cumulative Construction Through 1961	Units											
			LSD	DWT		GRT	Distribution										
							Sino-Soviet Bloc Countries				Other		Non-Bloc Countries				
							USSR	Poland	East Germany	Communist China	Number	Country	Number	Country			
<u>Rambutan</u> (B-471)																	
Paris Commune, Gdynia	5	<u>Lenkeng</u> <u>Nangka</u> <u>Nanas</u> <u>Manggis</u> N.A.	3,425	4,675	3,400	11									5	Indonesia	
<u>Rokita</u> (B-475)																	
North (Polnoena), Gdansk	2	<u>Rokita</u> <u>Boruta</u>	1,400	1,300	980	2		2									
<u>Krynica</u> (B-55)																	
A. Warski, Szczecin	3	<u>Jan Zizka</u> <u>Erodnicia</u> <u>Kruszwica</u>	8,130	17,730	16,140	13		3									
<u>Goplana</u> (B-57)																	
Paris Commune, Gdynia	5	<u>Skrzat</u> <u>Rusalka</u> <u>Syrenka</u> <u>Nimfa</u> <u>Swietlik</u>	3,400	4,595	2,500	9		5									

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Table 13
(Continued)

Class of Ship and Shipyard	Number of Ships	Name of Ship	Tons		Cumulative Construction Through 1961	Units								
			LSD	DWT		GRT	Distribution							
							Sino-Soviet Bloc Countries				Other		Non-Bloc Countries	
			USSR	Poland		East Germany	Communist China	Number	Country	Number	Country			
<u>Oliwa</u> (B-59)	<u>1</u>	<u>Sawu</u>	<u>2,640</u>	<u>4,280</u>	<u>2,970</u>	<u>8</u>						<u>1</u>	Indonesia	
A. Warski, Szczecin												<u>x</u>		
<u>Wolin</u> (B-513)	<u>2</u>	<u>Deblin</u> b/ <u>Modlin</u> b/	<u>3,230</u>	<u>3,150</u>	<u>2,540</u>	<u>4</u>		<u>2</u>						
								<u>x</u>					<u>x</u>	
<u>Volgocles</u> (B-514)														
Gdansk Shipyard	<u>6</u>	<u>Primorles</u> <u>Aldarles</u> <u>Adimiles</u> <u>Abakanles</u> <u>Arkhangel'skles</u> <u>Alatyrlles</u>	<u>20,670</u>	<u>34,830</u>	<u>25,200</u>	<u>10</u>	<u>6</u>							
							<u>x</u>							
							<u>x</u>							
							<u>x</u>							
							<u>x</u>							
							<u>x</u>							
Total maritime cargo	<u>39</u>		<u>93,695</u>	<u>169,680</u>	<u>143,270</u>	<u>176</u>	<u>8</u>	<u>15</u>			<u>1</u>		<u>15</u>	

b. Partly refrigerated; includes about 350 cubic meters of refrigerated space.

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Table 14

Estimated Number and Distribution of Maritime Tankers Constructed by Poland, by Shipyard
1961

Class of Ship and Shipyard	Number of Ships	Name of Ship	Tons			Cumulative Construction Through 1961	Units											
			LSD	DWT	GRT		Distribution											
							Sino-Soviet Bloc Countries								Non-Bloc Countries			
							USSR	Poland	East Germany	Communist China	Other	Number	Country	Number	Country			
<u>Bausk (B-70)</u>																		
Gdansk Shipyard	1	<u>Bausk</u>	5,865	18,700	12,865	1	1											
							x											
<u>Ogre (B-74)</u>																		
Paris Commune, Gdynia	3	<u>Ogre</u> <u>Yansk</u> <u>N.A.</u>	3,135	4,425	3,900	3	3											
							x											
							x											
							x											
Total maritime tanker	<u>4</u>		<u>9,000</u>	<u>23,125</u>	<u>16,765</u>	<u>4</u>	<u>4</u>											

a. Each "x" designates the destination of the ship.

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Table 15

Estimated Number and Distribution of Fishing Ships Constructed by Poland, by Shipyard
1961

Class of Ship and Shipyard	Number of Ships	Name of Ship	Tons			Cumulative Construction Through 1961	Units									
			LSD	DWT	GRT		Distribution									
							Sino-Soviet Bloc Countries						Other		Non-Bloc Countries	
							USSR	Poland	East Germany	Communist China	Number	Country	Number	Country		
<u>Zelenodol'sk (B-14)</u>																
Paris Commune, Gdynia	1	<u>Radwa</u>	1,090	495	680	79		1								
								x	a/							
<u>Leskov (B-15)</u>																
Gdansk Shipyard	6	<u>Kastor</u> <u>Mamin Sibiryak</u> <u>Mir</u> <u>Drushba</u> <u>Sputnik</u> <u>Lanik</u>	13,590	7,320	16,020	10	5	1								
								x	x							
								x								
								x								
								x								
								x								
								x								
								x								
<u>Miedwie (B-20)</u>																
Paris Commune, Gdynia	5	<u>Miedwie</u> <u>Mielno</u> <u>Morag</u> <u>Murzy</u> <u>Morskie Oko</u>	5,575	2,700	3,000	5		5								
								x								
								x								
								x								
								x								
								x								
								x								
<u>Curie Sklodowska (B-21)</u>																
North (Polnocna), Gdansk	3	N.A. N.A. N.A.	1,335	630	1,200	12							3	France		
													x			
													x			
													x			

a. Each "x" designates the destination of the ship.

Table 15

Estimated Number and Distribution of Fishing Ships Constructed by Poland, by Shipyard
 1961
 (Continued)

Class of Ship and Shipyard	Number of Ships	Name of Ship	Tons		Cumulative Construction Through 1961	Units								
			LSD	DWT		GRT	Distribution							
							Sino-Soviet Bloc Countries				Other		Non-Bloc Countries	
							USSR	Poland	East Germany	Communist China	Number	Country	Number	Country
<u>Cutter (B-25)</u>														
Repair yard, Gdynia	9	N.A.	1,215	540	900	33		7					2 x	Cuba
<u>Severodvinsk (B-62)</u>														
Gdansk Shipyard	2	<u>Sovetskaya Kamchatka</u> <u>Arman</u>	15,120	19,420	20,060	10	2 x x							
Total fishing	<u>26</u>		<u>37,925</u>	<u>31,105</u>	<u>41,950</u>	<u>149</u>	<u>7</u>	<u>14</u>					<u>2</u>	

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Table 16

Summary of the Number, Value, and Distribution of Merchant Ships Constructed by East Germany
by Type of Ship a/
1961

Type	Number	Million 1960 US \$										
		Distribution										Non-Bloc Countries
		Sino-Soviet Bloc Countries					Other					
		Tons		Value	USSR	Poland	East Germany	Communist China	Other		Value	
LD	DWT	Value	Country									
<u>Maritime</u>												
Cargo	20	53,545	104,055	80,155	75.1	45.6						
Miscellaneous	9	19,215	6,415	22,460	31.0	23.5					7.2	Cuba
Total maritime	29	72,760	110,470	102,615	106.1	69.1					7.2	
<u>Fishing</u>												
Fish-factory trawler	2	4,005	2,265	5,500	6.8	3.4						
Refrigerator	5	5,900	6,400	14,500	10.5	10.5						
Trawler	3	435	585	800	2.1							
Total fishing	10	10,340	9,250	20,800	19.4	13.9						
<u>Inland</u>												
Self-propelled	18		(15,400 horsepower)		11.9	8.4						
Total merchant	27				137.4	91.4						7.2

a. Excluding a few small miscellaneous ships.

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Table 17

Estimated Number and Value of Maritime Cargo Ships, Miscellaneous Ships, and Fishing Ships
Constructed by East Germany
1961

Value in Terms of Million 1960 US \$															
Distribution															
Sino-Soviet Bloc Countries															
Type and/or Class	Number	Value	USSR		Poland		East Germany		Communist China		Other		Non-Bloc Countries		
			Number	Value	Number	Value	Number	Value	Number	Value	Number	Value	Country	Number	Value
Cargo															
Andizhan	8	23.2	8	23.2											
Albatross	1	2.1					1	2.1							
Star	4	6.0					4	6.0							
Frieden	2	14.4					1	7.2					1	7.2	Cuba
Dzhankoy	4	22.4	4	22.4											
Lubbenau	1	7.0					1	7.0							
Total cargo	20	75.1	12	45.6			7	22.3					1	7.2	
Miscellaneous															
M. Kalinin	3	22.5	3	22.5											
Fritz Heckert	1	7.5					1	7.5							
MB-6060	5	1.0	5	1.0											
Total miscellaneous	9	31.0	8	23.5			1	7.5							
Fishing															
Bertholt Brecht	1	3.4					1	3.4							
Tropik	1	3.4	1	3.4											
Bratsk	5	10.5	5	10.5											
Type III	3	2.1					3	2.1							
Total fishing	10	19.4	6	13.9			4	5.5							
Total cargo, miscellaneous and fishing	39	125.5	26	83.0			12	35.3					1	7.2	

Table 18

Estimated Number and Distribution of Maritime Cargo Ships Constructed by East Germany
1961
(Continued)

Class of Ship and Shipyard	Number of Ships	Name of Ship	Tons		Cumulative Construction Through 1961	Units								
			LED	DWT		GRT	Distribution							
							Sino-Soviet Bloc Countries				Other		Non-Bloc Countries	
							USSR	Poland	East Germany	Communist China	Number	Country	Number	Country
Cargo (Continued)														
<u>Frieden</u>														
Warnoverft, Warnemunde	2	<u>Halberstadt</u> <u>Sierra Maestra</u>	11,460	19,680	13,200	15							1	Cuba
													x	
<u>Dzhankoy</u>														
Warnoverft, Warnemunde	4	<u>Dobropol'ye</u> <u>Dorogobuzh</u> <u>Dudinka</u> <u>Dangara</u>	17,120	33,460	29,060	10	4							
							x							
							x							
							x							
							x							
<u>Lubbenau</u>														
Warnoverft, Warnemunde	1	<u>Lubbenau</u>	4,625	11,025	6,800	1								
Total maritime cargo	<u>20</u>		<u>53,545</u>	<u>104,055</u>	<u>80,155</u>	<u>83</u>	<u>12</u>			<u>7</u>				<u>1</u>

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Table 19

Estimated Number and Distribution of Miscellaneous Maritime Ships Constructed by East Germany
by Shipyard
1961

Class of Ship and Shipyard	Number of Ships	Name of Ship	Tons			Cumulative Construction Through 1961	Units									
			LSD	DWT	GRT		Distribution									
							Sino-Soviet Bloc Countries						Other		Non-Bloc Countries	
							USSR	Poland	East Germany	Communist China	Number	Country	Number	Country		
Passenger																
<u>M. Kalinin</u>																
Mathias Thesen Werft, Wismar	3	<u>Vladivostok</u> <u>Turkmenia</u> <u>Petropavlovsk</u>	12,510	4,020	14,610	13	3									
							x	a/								
							x									
							x									
							x									
<u>Fritz Heckert</u>																
Mathias Thesen Werft, Wismar	1	<u>Fritz Heckert</u>	5,960	1,895	7,200	1										
Tug																
<u>MB-6060</u>																
Edgar Andre, Rothensee	5	<u>MB-6076</u> <u>MB-6077</u> <u>MB-6078</u> <u>MB-6079</u> <u>MB-6080</u>	725	500	650	5	5									
							x									
							x									
							x									
							x									
							x									
							x									
Total miscellaneous maritime	9		<u>19,215</u>	<u>6,415</u>	<u>22,460</u>	<u>19</u>	<u>8</u>					<u>1</u>				

a. Each "x" designates the destination of the ship.

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Table 21

Summary of the Number, Value, and Distribution of Merchant Ships Constructed by Communist China
by Type of Ship a/
1961

Million 1960 US \$													
Distribution													
Sino-Soviet Bloc Countries													
Type	Number	Tons			Value	Sino-Soviet Bloc Countries				Other		Non-Bloc Countries	
		LSD	DWT	GRT		USSR	Poland	East Germany	Communist China	Value	Country	Value	Country
<u>Maritime</u>													
Cargo	5	7,400	16,890	12,380	10.8				10.8				
Miscellaneous	19	13,610	16,680	15,105	14.0	6.8			7.2				
Total maritime	<u>24</u>	<u>21,010</u>	<u>33,570</u>	<u>27,485</u>	<u>24.8</u>	<u>6.8</u>			<u>18.0</u>				
<u>Inland</u>													
Self-propelled	N.A.		(20,000 horsepower)		12.0				12.0				
Non-self-propelled	N.A.		(50,000 tons cargo-carrying capacity)		4.5				4.5				
Total inland (value only)					<u>16.5</u>				<u>16.5</u>				
Total merchant (value only)					<u>41.3</u>	<u>6.8</u>			<u>34.5</u>				

a. These estimates do not include native ships and boats that may be constructed in relatively large numbers in the native sector of the economy.

Table 22

Estimated Number and Value of Maritime Cargo and Miscellaneous Ships Constructed by Communist China
1961

Value in Terms of Million 1960 US \$

Type and/or Class	Number	Value	Distribution												
			Sino-Soviet Bloc Countries												Country
			USSR		Poland		East Germany		Communist China		Other		Non-Bloc Countries		
			Number	Value	Number	Value	Number	Value	Number	Value	Number	Value	Number	Value	
Cargo															
Ho Ping 25	1	3.6							1	3.6					
Ho Ping 49	2	4.0						2	4.0						
Ho Ping 59	1	2.2						1	2.2						
N.A.	1	1.0						1	1.0						
Total cargo	5	10.8						5	10.8						
Miscellaneous															
Tug															
Sovremenny	13	6.8	13	6.8											
Barge															
3,000 DWT	2	3.6						2	3.6						
1,500 DWT	4	3.6						4	3.6						
Total miscellaneous	19	14.0	13	6.8				6	7.2						
Total maritime	24	24.8	13	6.8				11	18.0						

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Table 23

Estimated Number and Distribution of Maritime Cargo Ships Constructed by Communist China
by Shipyard
1961

Class of Ship and Shipyard	Number of Ships	Name of Ship	Tons		Cumulative Construction Through 1961	Units										
			LSD	DWT		GRT	Distribution									
							Sino-Soviet Bloc Countries					Other			Non-Bloc Countries	
							USSR	Poland	East Germany	Communist China	Number	Country	Number	Country		
<u>Ho Ping 25</u>																
Dairen Shipyard	<u>1</u>	<u>Ho Ping 71</u>	<u>2,550</u>	<u>2,940</u>	<u>4,730</u>	<u>6</u>									<u>1</u> <u>x a/</u>	
<u>Ho Ping 49</u>																
Hu-tung Shipyard	<u>1</u>	<u>Ho Ping 66</u>	<u>1,370</u>	<u>3,400</u>	<u>2,450</u>										<u>1</u> <u>x</u>	
Chung-hua Shipyard	<u>1</u>	<u>Che Hai 2</u>	<u>1,370</u>	<u>3,400</u>	<u>2,450</u>										<u>1</u> <u>x</u>	
Total	<u>2</u>		<u>2,740</u>	<u>6,800</u>	<u>4,900</u>	<u>6</u>									<u>2</u>	
<u>Ho Ping 59</u>																
Hu-tung Shipyard	<u>1</u>	<u>Ho Ping 68</u>	<u>1,510</u>	<u>3,250</u>	<u>2,000</u>	<u>2</u>									<u>1</u> <u>x</u>	
N.A.																
Hu-tung Shipyard	<u>1</u>	N.A.	<u>500</u>	<u>900</u>	<u>750</u>	<u>1</u>									<u>1</u> <u>x</u>	
Total maritime cargo	<u>5</u>		<u>7,400</u>	<u>16,890</u>	<u>12,380</u>	<u>18</u>									<u>5</u>	

a. Each "x" designates the destination of the ship.

Table 24

Estimated Number and Distribution of Miscellaneous Maritime Ships Constructed by Communist China
by Shipyard
1961

Class of Ship and Shipyard	Number of Ships	Name of Ship	Units										
			Distribution										
			Sino-Soviet Bloc Countries							Other			
			Tons			Cumulative Construction Through 1961	Sino-Soviet Bloc Countries			Other		Non-Bloc Countries	
LSD	DWT	GRT	USSR	Poland	East Germany		Communist China	Number	Country	Number	Country		
Seagoing tug													
<u>Sovremenny</u>													
Dairen Shipyard	13		6,110	4,680	6,305	47	13						
Seagoing barge													
3,000 DWT													
Dairen Shipyard	2		3,750	6,000	4,400	4				2			
1,500 DWT													
Chiang-nan Shipyard	4		3,750	6,000	4,400	8				4			
Total seagoing barge	6		7,500	12,000	8,800	12				6			
Total miscellaneous maritime	19		13,610	16,680	15,105	59	13			6			

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Table 25

Summary of the Number, Value, and Distribution of Merchant Ships Constructed by Hungary
by Type of Ship a/
1961

Type	Number	Million 1960 US \$											
		Distribution										Non-Bloc Countries	
		Sino-Soviet Bloc Countries										Other	
		Tons			Value	USSR	Poland	East Germany	Communist China	Value	Country	Value	Country
LSD	DWT	GRT											
<u>Maritime</u>													
Cargo	8	8,960	13,000	10,400	13.6	8.5						5.1	Egypt
<u>Inland</u>													
Self-propelled	22		(21,600 horsepower)		14.6	13.8				0.8	Hungary		
Total merchant	<u>30</u>				<u>28.2</u>	<u>22.3</u>				<u>0.8</u>		<u>5.1</u>	

a. Excluding a few small miscellaneous ships.

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Table 26

Estimated Number and Value of Maritime Cargo Ships Constructed by Hungary
1961

		Value in Terms of Million 1960 US \$												
		Distribution												
		Sino-Soviet Bloc Countries										Non-Bloc Countries		
		USSR		Poland		East Germany		Communist China		Other				
Type and/or Class	Number	Value	Number	Value	Number	Value	Number	Value	Number	Value	Country	Number	Value	Country
<u>Keyle</u>	8	13.6	5	8.5								3	5.1	Egypt
Total maritime cargo	8	13.6	5	8.5								3	5.1	

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Table 27

Estimated Number and Distribution of Maritime Cargo Ships Constructed by Hungary
by Shipyard
1961

Class of Ship and Shipyard	Number of Ships	Name of Ship	Tons		Cumulative Construction Through 1961	Units									
			LSD	DWT		GRT	Distribution								
							Sino-Soviet Bloc Countries				Other				
							USSR	Poland	East Germany	Communist China	Number	Country	Number	Country	
Cargo															
<u>Keyla</u>															
Gheorghiu-Dej Shipyard	8		8,960	13,000	10,400	18	5							3	Egypt
		<u>Konosha</u>					x	a/							
		<u>Anadyst</u>					x								
		<u>Arugvi</u>					x								
		<u>Mikoyan</u>					x								
		<u>VTR-9</u>					x								
		<u>Om Saber</u>													x
		<u>Adnanal-Malki</u>													x
		<u>Jalal Ad-Disuqi</u>													x
Total maritime cargo	8		8,960	13,000	10,400	18	5							3	

a. Each "x" designates the destination of the ship.

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Table 28

Summary of the Number, Value, and Distribution of Merchant Ships Constructed by Bulgaria
by Type of Ship a/
1961

Type	Number	Million 1960 US \$											
		Tons			Value	Distribution							
		LSD	DWT	GRT		Sino-Soviet Bloc Countries				Other		Non-Bloc Countries	
						USSR	Poland	East Germany	Communist China	Value	Country	Value	Country
<u>Maritime</u>													
Cargo	2	390	750	600	0.8					0.8	Bulgaria		
Tanker	3	5,370	12,510	8,850	7.5	7.5							
Miscellaneous	2	1,280	330	1,800	2.6	2.6							
Total maritime	7	7,040	13,590	11,250	10.9	10.1				0.8			
<u>Inland</u>													
Non-self-propelled	2		(4,900 tons cargo-carrying capacity)		0.5	0.1				0.4	Bulgaria		
Total merchant	12				11.4	10.2				1.2			

a. Excluding a few small miscellaneous ships.

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Table 29

Estimated Number and Value of Maritime Cargo Ships, Tankers, and Miscellaneous Ships
Constructed by Bulgaria
1961

		Value in Terms of Million 1960 US \$														
		Distribution														
		Sino-Soviet Bloc Countries														
		USSR		Poland		East Germany		Communist China		Other			Non-Bloc Countries			
Type and/or Class	Number	Value	Number	Value	Number	Value	Number	Value	Number	Value	Number	Value	Country	Number	Value	Country
Cargo																
<u>Kamchiya</u>	2	0.8									2	0.8	Bulgaria			
Tanker																
<u>Oleg Koshevoy</u>	3	7.5	3	7.5												
Miscellaneous																
<u>Georgi Dimitrov</u>	2	2.6	2	2.6												
Total maritime	<u>7</u>	<u>10.9</u>	<u>5</u>	<u>10.1</u>							<u>2</u>	<u>0.8</u>				

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Table 30

Estimated Number and Distribution of Maritime Cargo Ships, Tankers, and Miscellaneous Ships
Constructed by Bulgaria, by Shipyard
1961

Class of Ship and Shipyard	Number of Ships	Name of Ship	Tons		Cumulative Construction Through 1961	Units										
			LSD	DWT		GRT	Distribution									
							Sino-Soviet Bloc Countries				Other				Non-Bloc Countries	
							USSR	Poland	East Germany	Communist China	Number	Country	Number	Country		
Cargo																
<u>Kamchiya</u>																
Ivan Dimitrov, Ruse	2	<u>Ropotamo</u> <u>Dunav</u>	390	750	600	3					2	Bulgaria				
											x					
											x					
											x					
											x					
Tanker																
<u>Oleg Koshevoy</u>																
Georgi Dimitrov, Varna	3	<u>Gyurgyan</u> <u>Udzhary</u> <u>Dzhebrail</u>	5,370	12,510	8,850	8	3									
							x									
							x									
							x									
							x									
Miscellaneous																
Passenger																
<u>Georgi Dimitrov</u>																
Georgi Dimitrov, Varna	2	<u>Alushta</u> <u>Adzhigol</u>	1,280	330	1,800	6	2									
							x									
							x									
Total maritime	7		7,040	13,590	11,250	17	5				2					

a. Each "x" designates the destination of the ship.

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Table 31

Summary of the Number, Value, and Distribution of Merchant Ships Constructed by Rumania
by Type of Ship a/
1961

Type	Number	Million 1960 US \$											
		Distribution										Non-Bloc Countries	
		Sino-Soviet Bloc Countries										Other	
		Tons			Value	USSR	Poland	East Germany	Communist China	Value	Country	Value	Country
		LSD	DWT	GRT									
<u>Maritime</u>													
Cargo	6	9,300	16,530	14,400	13.8					13.8	Rumania		
Miscellaneous	10	3,750	3,550	4,900	6.0	6.0							
Total maritime	<u>16</u>	<u>13,050</u>	<u>20,080</u>	<u>19,300</u>	<u>19.8</u>	<u>6.0</u>				<u>13.8</u>			
<u>Inland</u>													
Self-propelled	<u>27</u>		(27,800 horsepower)		<u>17.4</u>	<u>9.6</u>				<u>7.8</u>	Rumania		
Total merchant	<u>43</u>				<u>37.2</u>	<u>15.6</u>				<u>21.6</u>			

a. Excluding a few small miscellaneous ships.

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Table 32

Estimated Number and Value of Maritime Cargo and Miscellaneous Ships Constructed by Rumania
 1961

Value in Terms of Million 1960 US \$

Type and/or Class	Number	Value	Distribution														
			Sino-Soviet Bloc Countries										Non-Bloc Countries				
			USSR		Poland		East Germany		Communist China		Other		Number	Value	Country		
			Number	Value	Number	Value	Number	Value	Number	Value	Number	Value	Country	Number	Value	Country	
Cargo																	
<u>Arad</u>	3	3.9										3	3.9	Rumania			
<u>Galati</u>	3	9.9										3	9.9	Rumania			
Total cargo	<u>6</u>	<u>13.8</u>										<u>6</u>	<u>13.8</u>				
Miscellaneous																	
Tug																	
Unknown	<u>10</u>	<u>6.0</u>	<u>10</u>	<u>6.0</u>													
Total maritime	<u>16</u>	<u>19.8</u>	<u>10</u>	<u>6.0</u>								<u>6</u>	<u>13.8</u>				

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Table 33

Estimated Number and Distribution of Maritime Cargo and Miscellaneous Ships
Constructed by Rumania, by Shipyard
1961

Class of Ship and Shipyard	Number of Ships	Name of Ship	Tons		Cumulative Construction Through 1961	Units								
			LSD	DWT		GRT	Distribution							
							Sino-Soviet Bloc Countries				Other		Non-Bloc Countries	
							USSR	Poland	East Germany	Communist China	Number	Country	Number	Country
Cargo														
<u>Arad</u>														
Turmu Severin, Turmu Severin	3	<u>Arad</u> <u>Buzau</u> <u>Bujan</u>	2,220	3,240	3,600	3					3	Romania		
											x	a/		
											x			
											x			
<u>Galati</u>	3	<u>Suceava</u> <u>Iasi</u> <u>Victoria</u>	7,080	13,290	10,800	5					3	Romania		
											x			
											x			
											x			
Total cargo	<u>6</u>		<u>9,300</u>	<u>16,530</u>	<u>14,400</u>	<u>8</u>					<u>6</u>			
Miscellaneous														
Tug														
Unknown class														
Galati, Galati	<u>10</u>		<u>3,750</u>	<u>3,550</u>	<u>4,900</u>	<u>63</u>	<u>10</u>							
Total maritime	<u>16</u>		<u>13,050</u>	<u>20,080</u>	<u>19,300</u>	<u>71</u>	<u>10</u>				<u>6</u>			

a. Each "x" designates the destination of the ship.

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Table 34

Summary of the Number, Value, and Distribution of Merchant Ships Constructed by Czechoslovakia
by Type of Ship a/
1961

Million 1960 US \$													
Distribution													
Sino-Soviet Bloc Countries													
Type	Number	Tons			Value	USSR	Poland	East Germany	Communist China	Other		Non-Bloc Countries	
		LSD	DWT	GRT						Value	Country	Value	Country
<u>Inland</u>													
Self-propelled	21	(20,700 horsepower)			13.7	13.7							
Total merchant	<u>21</u>				<u>13.7</u>	<u>13.7</u>							

a. Excluding a few small miscellaneous ships.

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Table 35

Estimated Number and Value of Maritime Ships Constructed for the Sino-Soviet Bloc
by Non-Bloc Countries
1961

<u>Country, Type, and Class</u>	<u>Number</u>	<u>Value</u>	Million 1960 US \$							
			Distribution							
			Sino-Soviet Bloc Countries						Other	
			<u>USSR</u>	<u>Poland</u>	<u>East Germany</u>	<u>Communist China</u>	<u>Value</u>	<u>Country</u>		
Finland										
Cargo										
<u>Arkhangel'sk</u>	2	11.0	11.0							
<u>Krasnograd</u>	1	7.5	7.5							
<u>Irkutskies</u>	4	13.6	13.6							
Total cargo	7	32.1	32.1							
Tanker										
<u>Drogobitz</u>	4	10.8	10.8							
Total tanker	4	10.8	10.8							
Miscellaneous										
Icebreaker										
<u>Moskva</u>	1	25.0	25.0							
Salvage tug										
<u>Steregushchiy</u>	2	5.2	5.2							
Barracks barge										
Unknown	1	1.7	1.7							

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Table 35

Estimated Number and Value of Maritime Ships Constructed for the Sino-Soviet Bloc
by Non-Bloc Countries
1961
(Continued)

Country, Type, and Class	Number	Value	Million 1960 US \$					
			Distribution					
			Sino-Soviet Bloc Countries					Other
			USSR	Poland	East Germany	Communist China	Value	Country
Finland (Continued)								
Lightship								
<u>Unknown</u>	1	1.2	1.2					
Total miscellaneous	5	33.1	33.1					
Total Finland	16	76.0	76.0					
France								
Cargo								
<u>Norwid</u>	1	6.1		6.1				
West Germany								
Refrigerator								
<u>Aragvi</u>	1	6.9	6.9					
Italy								
Tanker								
<u>Dzhuzeppe Garibaldi</u>	1	9.5	9.5					

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Table 35
(Continued)

Million 1960 US \$								
Distribution								
Sino-Soviet Bloc Countries								
Country, Type, and Class	Number	Value					Other	
			USSR	Poland	East Germany	Communist China	Value	Country
Japan								
Cargo								
<u>Omsk</u>	<u>1</u>	<u>7.1</u>	<u>7.1</u>					
Netherlands								
Tanker								
<u>Adler</u>	<u>1</u>	<u>7.5</u>	<u>7.5</u>					
Sweden								
Tanker								
<u>Elgava</u>	<u>1</u>	<u>2.7</u>	<u>2.7</u>					
Yugoslavia								
Cargo								
<u>Chopin</u>	1	6.6		6.6				
<u>Josef Conrad</u>	1	5.9		5.9				
<u>Dobrogea</u>	1	6.8					6.8	Rumania
Total cargo	<u>3</u>	<u>19.3</u>		<u>12.5</u>			<u>6.8</u>	

Table 35

Estimated Number and Value of Maritime Ships Constructed for the Sino-Soviet Bloc
by Non-Bloc Countries
1961
(Continued)

<u>Country, Type, and Class</u>	<u>Number</u>	<u>Value</u>	Million 1960 US \$						
			Distribution						
			Sino-Soviet Bloc Countries					Other	
			<u>USSR</u>	<u>Poland</u>	<u>East Germany</u>	<u>Communist China</u>	<u>Value</u>	<u>Country</u>	
Yugoslavia (Continued)									
Tanker									
<u>Sevorno</u>	1	11.9	11.9						
<u>Trud</u>	1	11.0	11.0						
Total tanker	<u>2</u>	<u>22.9</u>	<u>22.9</u>						
Total Yugoslavia	<u>5</u>	<u>42.2</u>	<u>22.9</u>	<u>12.5</u>			<u>6.8</u>		
Total non-Bloc	<u>27</u>	<u>158.0</u>	<u>132.6</u>	<u>18.6</u>			<u>6.8</u>		

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Table 36

Estimated Number and Distribution of Maritime Ships Constructed for the Sino-Soviet Bloc
by Non-Bloc Countries, by Shipyard
1961

Country, Type, and Class of Ship and Shipyard	Number of Ships	Name of Ship	Tons			Cumulative Construction Through 1961	Units							
			LSD	DWT	GRT		Distribution							
							Sino-Soviet Bloc Countries						Other	
							USSR	Poland	East Germany	Communist China	Number	Country		
Finland														
Cargo														
<u>Arkhangel'sk</u>														
Crichton-Vulcan, Turku	2	<u>L'gov</u> <u>Chernyakhovsk</u>	8,460	17,120	10,820	17	2							
							x	a/						
							x							
<u>Krasnograd</u>														
Crichton-Vulcan, Turku	1	<u>Krasnograd</u>	6,000	12,000	7,500	1	1							
							x							
<u>Irkutskles</u>														
Valmet, Turku	4	<u>Irkutskles</u>	9,840	13,400	10,400	4	4							
Valmet, Helsinki		<u>Igarkaies</u>					x							
F.W. Holling, Rauma		<u>Kotlasles</u>					x							
		<u>Kirovskies</u>					x							
Total cargo	7		24,300	42,520	28,720	22	7							

a. Each "x" designates the destination of the ship.

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Table 36

Estimated Number and Distribution of Maritime Ships Constructed for the Sino-Soviet Bloc
by Non-Bloc Countries, by Shipyard
1961
(Continued)

Country, Type, and Class of Ship and Shipyard	Number of Ships	Name of Ship	Tons			Cumulative Construction Through 1961	Units				
			LSD	DWT	GRT		Distribution				
							Sino-Soviet Bloc Countries				Other
							USSR	Poland	East Germany	Communist China	
Finland (Continued)											
Tanker											
<u>Drogobitz</u>											
Reuma, Repola	4	<u>Aksey</u> <u>Alagir</u> <u>Aleysk</u> <u>Abagar</u>	8,400	17,920	13,200	20	4	x	x	x	x
Miscellaneous											
Icebreaker											
<u>Moskva</u>											
Sandvikens, Helsinki	1	<u>Leningrad</u>	10,960	4,150	3,200	2	1	x			
Salvage tug											
<u>Steregushchiy</u>											
Valmet, Turku	2	<u>Kapitan Nochrin</u> N.A. (Hull 262)	2,040	1,160	2,020	19	2	x	x	x	

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Table 36
(Continued)

Country, Type, and Class of Ship and Shipyard	Number of Ships	Name of Ship	Tons			Cumulative Construction Through 1961	Units						
			LSD	DWT	GRT		Distribution						
							Sino-Soviet Bloc Countries					Other	
							USSR	Poland	East Germany	Communist China	Number	Country	
Finland (Continued)													
Barracks, barge, non-self-propelled													
<u>Unknown</u>													
Valmet, Helsinki	1	N.A. (Hull 214)	300	2,800	2,000	1					1 x		
Lightship													
<u>Unknown</u>													
Leivateollisuus, Turku	1	N.A. (Hull 210)	770	150	500						1 x		
Total miscellaneous	2		14,070	8,260	7,720	23					2		
Total Finland	16		46,770	68,700	49,640	65					16		
France													
Cargo													
<u>Norwid</u>													
Société des Chantiers, Réunis Loire-Normandie, Grand Quevilly	1	<u>Cyprien Norwid</u>	4,720	10,530	5,300	1					1 x		

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Table 36

Estimated Number and Distribution of Maritime Ships Constructed for the Sino-Soviet Bloc
by Non-Bloc Countries, by Shipyard
1961
(Continued)

Country, Type, and Class of Ship and Shipyard	Number of Ships	Name of Ship	Tons			Cumulative Construction Through 1961	Units							
			LSD	DWT	GRT		Distribution							
							Sino-Soviet Bloc Countries						Other	
							USSR	Poland	East Germany	Communist China	Number	Country		
West Germany														
Refrigerator														
<u>Aragvi</u>														
Kieler, Howaltswerke	<u>1</u>	<u>Ingur</u>	<u>4,325</u>	<u>4,430</u>	<u>4,080</u>	<u>3</u>							<u>1</u>	
Italy														
Tanker														
<u>Dzhuzeppe Garibaldi</u>														
Ansaldo, Genoa	<u>1</u>	<u>Dzhuzeppe Garibaldi</u>	<u>2,525</u>	<u>31,440</u>	<u>20,660</u>	<u>1</u>							<u>1</u>	
Japan														
Cargo														
<u>Omsk</u>														
Hitachi, Osaka	<u>1</u>	<u>Omsk</u>	<u>2,700</u>	<u>11,810</u>	<u>2,180</u>	<u>1</u>							<u>1</u>	

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Table 36
(Continued)

Country, Type, and Class of Ship and Shipyard	Number of Ships	Name of Ship	Tons			Cumulative Construction Through 1961	Units					Other	
			LSD	DWT	GRT		Distribution					Number	Country
							Sino-Soviet Bloc Countries						
							USSR	Poland	East Germany	Communist China			
Netherlands													
Tanker													
<u>Adler</u>													
Netherlands, Amsterdam	1	<u>Gruzuf</u>	7,500	24,950	16,350	2	1						
Sweden													
Tanker													
<u>Elgava</u>													
Gavle, Stockholm	1	<u>Elgava</u>	2,100	4,130	3,100	1	1						
Yugoslavia													
Cargo													
<u>Chopin</u>													
Split, Split	1	<u>Szymanowski</u>	5,300	10,700	7,280	5						1	x
Josef Conrad													
3 May, Rijeka	1	<u>Josef Conrad</u>	4,560	10,190	7,200	1						1	x

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Table 36

Estimated Number and Distribution of Maritime Ships Constructed for the Sino-Soviet Bloc
by Non-Bloc Countries, by Shipyard
1961
(Continued)

Country, Type, and Class of Ship and Shipyard	Number of Ships	Name of Ship	Tons			Cumulative Construction Through 1961	Units						
			LSD	DWT	GRT		Distribution						
							Sino-Soviet Bloc Countries					Other	
							USSR	Poland	East Germany	Communist China	Number	Country	
Yugoslavia (Continued)													
<u>Dobrogea</u>													
3 May, Rijeka	1	<u>Dobrogea</u>	5,490	12,650	9,050	1					1	Rumania	
Total cargo	3		<u>15,350</u>	<u>33,540</u>	<u>23,530</u>	1		2			1		
Tanker													
<u>Sevovno</u>													
3 May, Rijeka	1	<u>Sevovno</u>	11,930	32,080	20,000	1	1				x		
<u>Trud</u>													
3 May, Rijeka	1	<u>Trud</u>	11,010	25,000	17,600	1	1				x		
Total tanker	2		<u>22,940</u>	<u>57,080</u>	<u>37,600</u>	2	2						
Total Yugoslavia	5		<u>38,290</u>	<u>90,620</u>	<u>61,130</u>	2	2	2				1	
Total non-Bloc	27		<u>118,930</u>	<u>246,610</u>	<u>169,140</u>	83	23	3				1	

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