

HE  
563  
.U5  
A223  
1970



# Foreign Oceanborne Trade of the United States

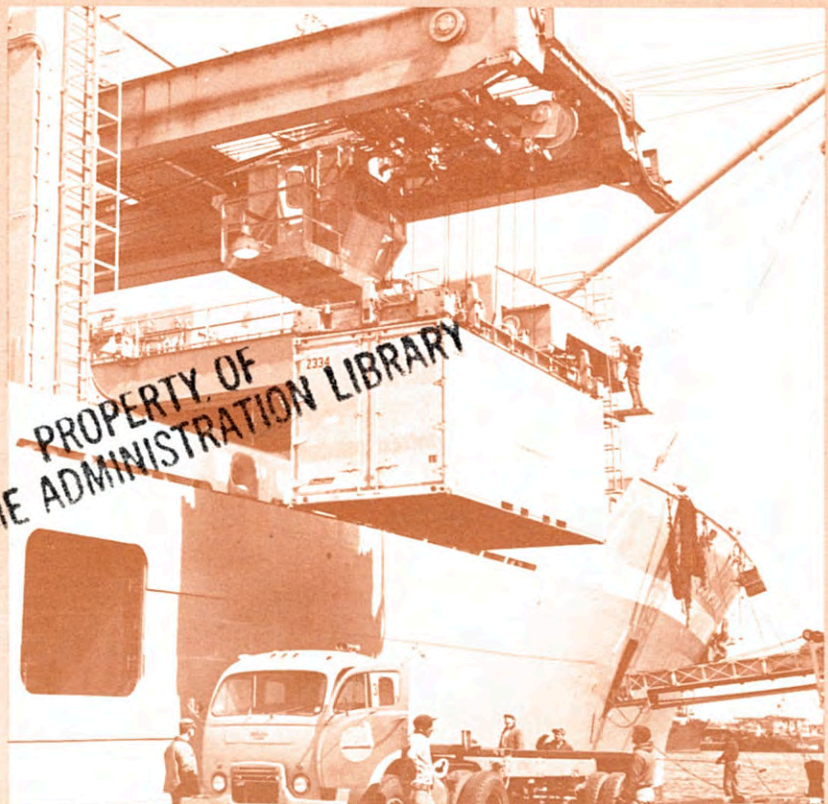
LIBRARY  
JAN - 1985

## CONTAINERIZED CARGO ON SELECTED TRADE ROUTES Calendar Year 1970

MARAD  
HE ●  
597  
U6U57  
1970

U.S.  
DEPARTMENT  
OF  
COMMERCE  
Maritime  
Administration

PROPERTY OF  
MARITIME ADMINISTRATION LIBRARY



HE  
563  
.U5  
A223  
1970

# Foreign Oceanborne Trade of the United States

## CONTAINERIZED CARGO ON SELECTED TRADE ROUTES Calendar Year 1970

JAN 7 1955



U.S. DEPARTMENT OF COMMERCE  
Peter G. Peterson, Secretary  
James T. Lynn, Under Secretary

U.S. MARITIME ADMINISTRATION,  
A. E. Gibson, Assistant Secretary  
for Maritime Affairs

---

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402  
Price 35 cents

Foreign Oceanborne Trade of the United States  
Containerized Cargo on Selected Trade Routes  
Calendar Year 1970

28372

Table of Contents

	Page
Introduction .....	iv
A. Growth of Oceanborne Containerized Traffic .....	1
Figure 1 - Chart, Total Containerized Cargo, All Trade Routes, 1970 .....	3
Table I, Total Containerized Cargo .....	4
Table II, Containerized Cargo, Selected Trade Routes 1969/1970 Compared .....	5
Table III, Commercial Containerized Cargo, Inbound/Outbound, Selected Trade Routes 1970 .....	6
B. Containerized Shipments 1970, TR-5-7-8-9 .....	7
Inbound Container Traffic, TR-5-7-8-9 .....	7
Outbound Container Traffic, TR-5-7-8-9 .....	7
Figure 2 - Chart, Quarterly Containerized Cargo 1969/1970 on TR-5-7-8-9 .....	8
Figure 3 - Chart, Commercial Containerized Cargo 1970 on TR-5-7-8-9, U.S. Inbound/Outbound .....	9
Table IV, Inbound Containerized Cargo TR-5-7-8-9 .....	10
Table V, Outbound Containerized Cargo TR-5-7-8-9 .....	11
Table VI, Total Inbound/Outbound Containerized Cargo TR-5-7-8-9 .....	12
C. TR-10 - U.S. North Atlantic/Mediterranean .....	13
Inbound Traffic, TR-10 .....	13
Outbound Traffic, TR-10 .....	13
Figure 4 - Chart, Quarterly Containerized Cargo on TR-10 .....	15
Figure 5 - Chart, Total Commercial Container Tonnage, 1970, Inbound/Outbound, TR-10 .....	16
Table VII, Inbound Containerized Cargo, TR-10 .....	17
Table VIII, Outbound Containerized Cargo TR-10 .....	18
Table IX, Total In/Outbound Containerized Trade TR-10 .....	19
D. Trade Route 29 - U.S. Pacific/Far East .....	20
Inbound Containerized Trade TR-29 .....	20
Outbound Containerized Trade, TR-29 .....	20
Figure 6 - Chart, Quarterly 1969/1970 Containerized Cargo TR-29 .....	21
Figure 7 - Chart, Total In/Outbound Commercial Containerized Cargo, TR-29 .....	22
Table X, Inbound Containerized Cargo, TR-29 .....	23
Table XI, Outbound Containerized Cargo, TR-29 .....	24
Table XII, Total In/Outbound Containerized Cargo, TR-29 .....	25
Trade Route Addendum .....	26
Principal Container Bearing Trade Routes, 1970 with In/Outbound Traffic .....	26
Other Trade Routes on Which Some In/Outbound Container Traffic Moved .....	26-27
Definition of Trade Route .....	27
Definition of an Essential Trade Route .....	27

FOREIGN OCEANBORNE TRADE OF THE UNITED STATES  
CONTAINERIZED CARGO 1970

INTRODUCTION

This is one of a statistical series of reports on containerized cargo shipments released by the Maritime Administration for the information of industry and interested government agencies.

This report is designed to cover those trade areas which have the highest concentration of container shipping. To date these have included U. S. North Atlantic/United Kingdom - European Continent (Trade Routes 5-7-8-9) and U. S. Pacific/Far East (Trade Route 29). Significant development has taken place in containerized shipping in the U.S. North Atlantic/Mediterranean (Trade Route 10) area. Accordingly Trade Route 10 containerized cargo data is being included, for the first time, in this issue.

All data contained herein are from unadjusted sources. The source data used are from the Maritime Administration forms MA-578-A Supplemental Unitized Cargo Container Reports submitted by ship operators and/or their agents as required by Section 212(A) of the Merchant Marine Act, 1936, as amended.

An MA-578-A report is required for every entrance or clearance by self-propelled vessels of 1000 or more gross registered tons that are engaged in the foreign trade of the United States and carrying at least 5 loaded 20x8x8 container equivalents.

All tonnages in this report are expressed in long tons 2240 pounds each.

FOREIGN OCEANBORNE COMMERCE OF THE UNITED STATES  
CONTAINERIZED TRAFFIC, Calendar Year 1970\*

A. Growth of the Oceanborne Container Traffic on all Trade Routes, 1/1970.

Almost 11 million 2/ tons of containerized commercial and defense cargoes were shipped on all trade routes in the foreign trade of the United States during calendar year 1970. This entire tonnage consisted of some 1.0 3/ billion cubic feet of cargo handled in 935 thousand container units of mixed sizes. 4/

Total containerized shipments showed a continuing growth pattern in every quarter of calendar year 1970 ranging from 2.3 million long tons in the first quarter to 3.1 million in the fourth.

The overall inbound/outbound containerized tonnage and cargo cubic were almost equally divided. The number of loaded containers used on the inbound totaled 543 thousand versus 391 thousand used on the outbound.

U. S. flag participation was 50 percent in the 1970 commercial containerized trade carried on all trade routes.

---

\* Prepared by Division of Trade Studies and Statistics, Statistics Branch. J. G. Nale-Povic, Ocean Shipping Analyst, Coordinator.

1/ See end of this report for a schedule and definition of trade routes on which containers moved in the foreign trade of the U. S. during 1970.

2/ 1970 commercial liner trade totaled 50,386,923 tons, commercial non-liner (tramp) 240,723,000 tons and commercial tanker 182,136,000 tons.

3/ See Figure 1, Page 3, and Table 1, page 4.

4/ Principal container unit sizes used are as follow -- (8x8x) 20, 35 and 40 feet. Observation during 1969 indicated the following approximate container use patterns:

TR 5-7-8-9 - 40% (20 foot), 46% (40 foot), 14% (irregular 35 foot and other).

TR 10 - 98% (20 foot), 2% (40 foot), 0% (irregular 35 foot and other).

TR 29 - 55% (20 foot), 14% (40 foot), 31% (irregular 35 foot and other).

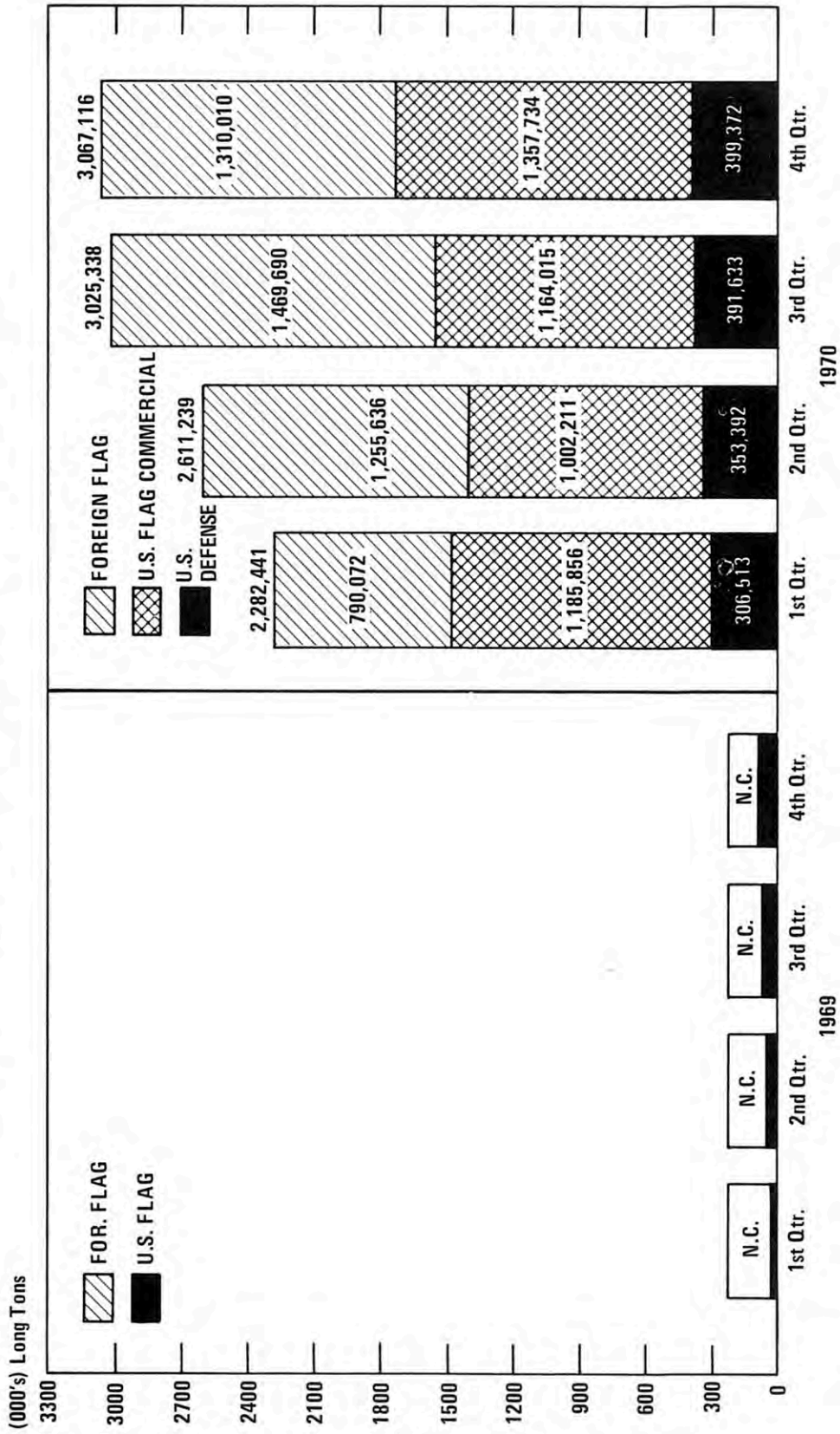
Incidental use of 10 foot containers on any trade route has been less than 0.5 percent of total mixed units.

The bulk of the total oceanborne containerized traffic (80 percent), moved on three principal container bearing trade routes: (1) TR-5-7-8-9, U. S. North Atlantic/U.K. - European Continent, (2) TR-10 U. S. North Atlantic/Mediterranean and (3) TR-29 U. S. Pacific/Far East 5/.

---

5/ See Table 3, page 6 of the total oceanborne commercial container trade 56% moved on TR-5-7-8-9, 6% on TR 10 and 18% on TR-29 for an aggregate of 80%. See page 30 for list of trade routes on which containerized cargo moved in the foreign oceanborne trade of the United States.

**Figure 1.**  
**FOREIGN OCEANBORNE TRADE OF ALL THE UNITED STATES**  
**TOTAL CONTAINERIZED CARGO<sup>1</sup> ON ALL TRADE ROUTES**



<sup>1</sup>/ COMMERCIAL INCLUDES SMALL AMOUNTS OF MAIL  
 N.C. - COMPLETED ONLY FOR SELECTED TRADE ROUTES IN 1969



TABLE I  
 FOREIGN OCEANBORNE TRADE OF THE UNITED STATES  
 CONTAINERIZED CARGO/Calendar Year 1970  
 ALL TRADE ROUTES

	Commercial Cargo 2/			Defense Cargo 3/			Total		
	Number of Containers	Cubic feet (000's)	Long tons (000's)	Number of Containers	Cubic feet (000's)	Long tons (000's)	Number of Containers	Cubic feet (000's)	Long tons (000's)
1st Quarter	82,213	102,338	954	3,192	4,767	35	85,405	107,105	989
2nd Quarter	197,047	118,533	1,285	4,264	7,714	37	201,311	126,247	1,322
3rd Quarter	106,525	131,069	1,498	4,775	8,213	45	111,300	139,282	1,542
4th Quarter	140,360	145,557	1,420	5,496	7,973	44	145,856	153,530	1,464
TOTAL INBOUND	526,145	497,496	5,155	17,727	28,667	161	543,872	526,163	5,316
1st Quarter	70,839	77,939	1,022	23,302	31,164	272	94,141	109,103	1,294
2nd Quarter	68,893	94,275	973	26,577	35,955	318	95,470	130,230	1,291
3rd Quarter	67,763	88,059	1,136	29,211	35,650	346	96,974	123,709	1,483
4th Quarter	76,514	101,742	1,248	27,551	37,104	355	104,065	138,846	1,603
TOTAL OUTBOUND	284,009	362,014	4,379	106,641	139,873	1,292	390,650	501,888	5,671
TOTAL INBOUND and OUTBOUND	810,154	859,510	9,534	124,368	168,540	1,453	934,522	1,028,051	10,987

(See bottom of Table XII for footnotes)

TABLE II  
FOREIGN OCEANBORNE TRADE OF THE UNITED STATES  
CONTAINERIZED\* CARGO TRADE 1969/1970 COMPARED

Long tons of 2,240 pounds

TR-5-7-8-9	1970	5,584,344
	1969	3,078,257
	% change from 1969	+81
TR-10	1970	672,624
	1969	380,000 (est.)
	% change from 1969	+77 (est.)
TR-29	1970	2,833,411
	1969	2,093,379
	% change from 1969	+35
ALL TRADE ROUTES	1970	10,987,234
	1969 <sup>1/</sup>	-----
	% change from 1969	---

\* Includes commercial, defense and mail containerized shipments.  
<sup>1/</sup> Complete data not available for comparison.

TABLE III  
 FOREIGN OCEANBORNE TRADE OF THE UNITED STATES  
COMMERCIAL\* CONTAINERIZED CARGO ON SELECTED TRADE ROUTES AND U.S. PARTICIPATION  
Calendar Year 1970

	<u>INBOUND</u> <u>Long tons</u>	<u>U.S. %</u>	<u>OUTBOUND</u> <u>Long tons</u>	<u>U.S. %</u>	<u>TOTAL</u> <u>Long tons</u>	<u>U.S. %</u>
TR - 5-7-8-9 Containerized Cargo	2,938,003	55	2,368,074	59	5,306,077	57
TR - 10 Containerized Cargo	374,709	52	239,147	64	613,856	56
TR - 29 Containerized Cargo	1,023,708	51	727,977	25	1,751,685	41
ALL TRADE ROUTES Containerized	5,155,003	53	4,379,321	46	9,534,324	50

\* excludes military cargoes

FOREIGN OCEANBORNE COMMERCE OF THE UNITED STATES CONTAINERIZED  
CARGO ON SELECTED TRADE ROUTES TR-5-7-8-9

B. Containerized Shipments on Trade Routes 5-7-8-9, U.S. North Atlantic/  
United Kingdom - European Continent. 6/

Containerized cargo shipments on this trade route amounted to 5.6 million tons 7/ during calendar year 1970 and each quarter thereof surpassed each comparable quarter of 1969 by a substantial margin 8/. Containerized 1970 shipments initiated the first quarter just slightly under 1 million tons peaking in the third quarter with a volume of 1.7 million.

Somewhat more than 318 thousand containers were used to handle 448 million cubic feet of commercial and military cargoes totaling almost 5.6 million tons on TR 5-7-8-9 during 1970.

Total containerized traffic for 1970 on TR 5-7-8-9 surpassed that of 1969 by an increase of 2.5 million tons 9/ or 81 percent.

Inbound Container Traffic, TR 5-7-8-9.

Inbound containerized commercial cargo traffic on TR 5-7-8-9 during 1970 amounted to 2.9 million tons exceeding outbound volume by 0.5 million tons.

U. S. flag share of the 2.9 million inbound tons of commercial container volume on 10/ TR 5-7-8-9 was 55 percent.

Outbound Container Traffic, TR 5-7-8-9.

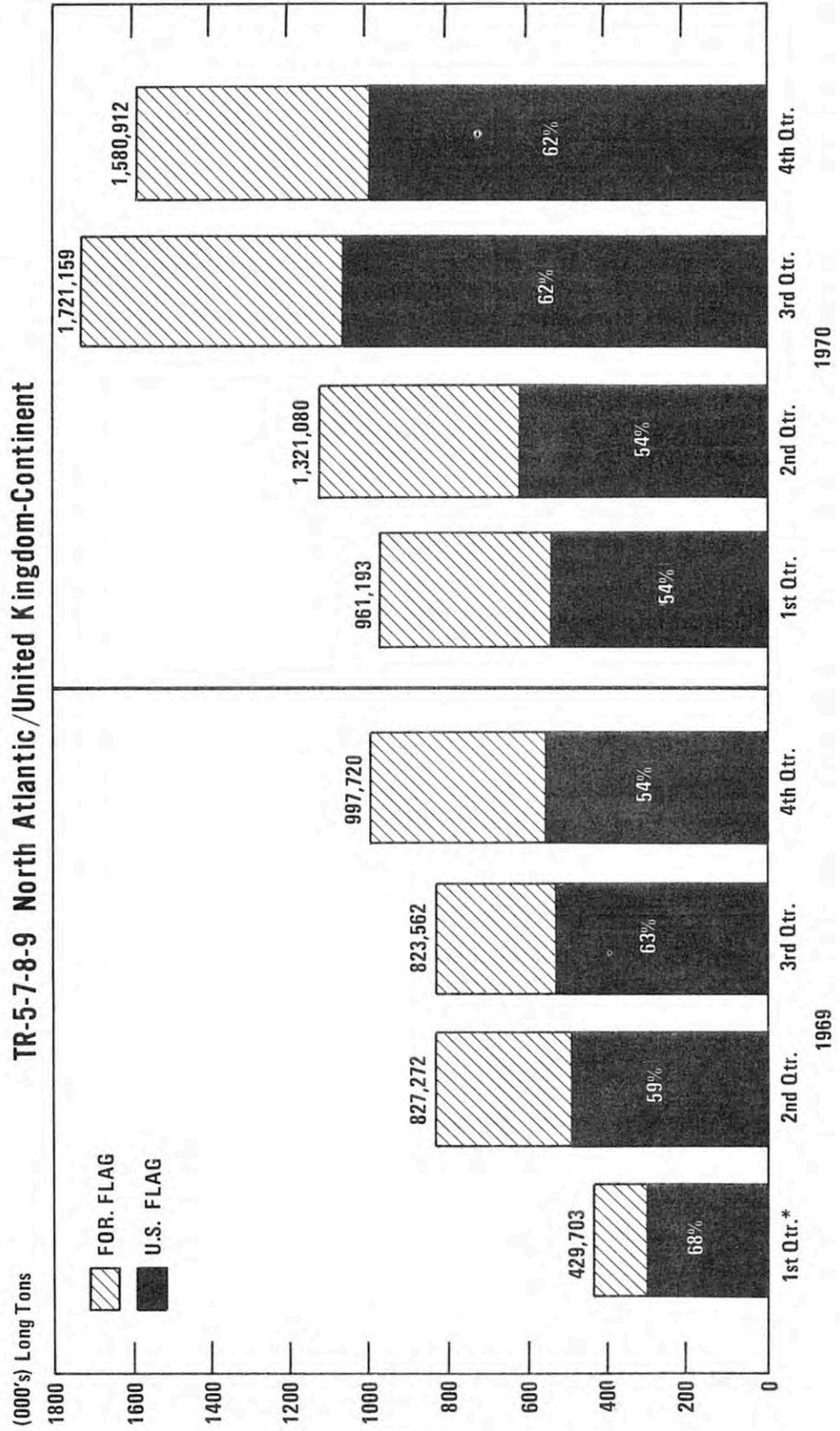
During 1970, outbound commercial containerized cargo volume reached 2.4 million tons with 59 percent participation by U. S. flag vessels.

\* \* \* \* \*

Vessels of the following national registries participated in the 1970 oceanborne container trade on TR 5-7-8-9: U.S., Belgium, Netherlands, Finland, France, Norway, W. Germany, Sweden and United Kingdom.

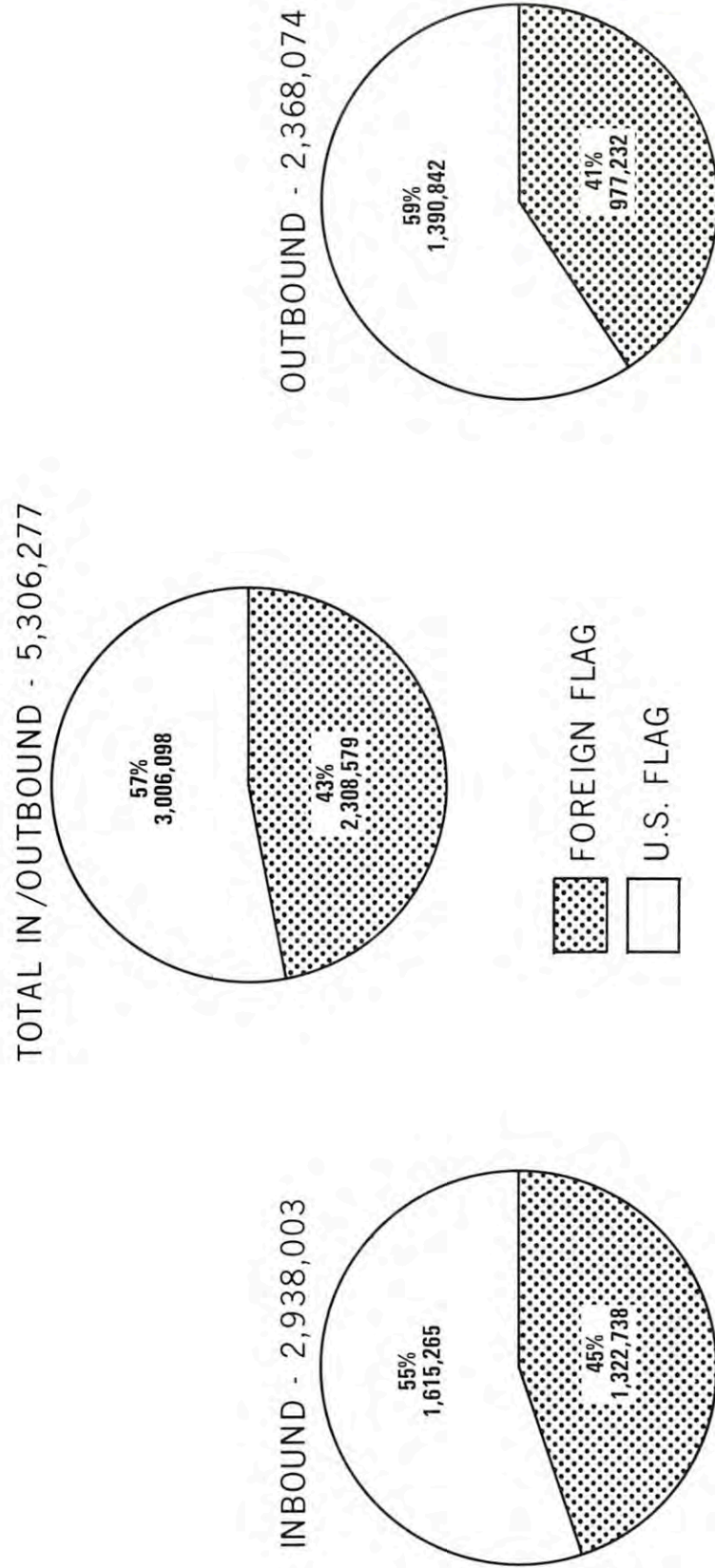
- 6/ For geographic breakdown of TR 5-7-8-9 see Trade Route Addendum, Page  
7/ See Table VI, Page 12  
8/ See Figure 2, Page 8  
9/ See Figure 2, Page 8  
10/ See Figure 3, Page 9 Also Table IV, Page 10 and Table V, Page 11

**Figure 2.**  
**FOREIGN OCEANBORNE TRADE OF THE UNITED STATES CONTAINERIZED**  
**CARGO<sup>1/</sup>/SELECTED TRADE ROUTES**



<sup>1/</sup> INCLUDES COMMERCIAL, DEFENSE AND MAIL  
 \* AFFECTED BY THE LONGSHOREMEN STRIKE

**Figure 3.**  
**TR 5-7-8-9 NORTH ATLANTIC/U.K. CONTINENT**  
**TOTAL COMMERCIAL CONTAINERIZED CARGO\* AND U.S. FLAG PARTICIPATION 1970**  
**LONG TONS OF 2240 LBS.**



\*COMMERCIAL TONNAGE ONLY - EXCLUDES MILITARY CARGO

TABLE IV  
 FOREIGN OCEANBORNE TRADE OF THE UNITED STATES  
 CONTAINERIZED CARGO/Calendar Year 1970  
 TRADE ROUTE 5-7-8-9 - U.S. NORTH ATLANTIC/U.K. - EUROPEAN CONTINENT

INBOUND

	Number of 1/ Containers	Cargo Cu. Ft. (000's)	Commercial 2/ Long tons (000's)	Defense 3/ Long tons (000's)	Total Long tons (000's)
<u>All Flags</u>					
1st Quarter	33,953	47,813	483	1	484
2nd Quarter	39,489	54,388	700	2	702
3rd Quarter	41,888	56,378	943	9	952
4th Quarter	49,978	68,499	813	6	819
Total	165,308	227,078	2,939	18	2,957
<u>U.S. Flag</u>					
1st Quarter	18,360	25,979	255	1	256
2nd Quarter	20,126	25,190	360	2	362
3rd Quarter	24,106	30,882	494	9	503
4th Quarter	27,844	35,835	498	6	504
Total	90,436	117,886	1,607	18	1,625
<u>Foreign Flag</u>					
1st Quarter	15,593	21,834	228	---	228
2nd Quarter	19,363	29,198	340	---	340
3rd Quarter	17,782	25,496	449	---	449
4th Quarter	22,134	32,664	315	---	315
Total	74,872	109,192	1,332	---	1,332

(See bottom of Table XII for footnotes)

TABLE V  
 FOREIGN OCEANBORNE TRADE OF THE UNITED STATES  
 CONTAINERIZED CARGO/Calendar Year 1970  
 TRADE ROUTE 5-7-8-9 - U.S. NORTH ATLANTIC/U.K. - EUROPEAN CONTINENT

		<u>OUTBOUND</u>				
		Number of 1/ Containers	Cargo cu. ft. (000's)	Commercial 2/ Long tons (000's)	Defense 3/ Long tons (000's)	Total Long tons (000's)
<u>All Flags</u>						
1st Quarter		36,689	52,734	427	50	477
2nd Quarter		39,531	56,979	556	63	619
3rd Quarter		39,190	55,154	691	79	770
4th Quarter		37,979	56,085	694	69	763
Total		153,389	220,952	2,368	261	2,629
<u>U.S. Flag</u>						
1st Quarter		21,245	32,758	216	50	266
2nd Quarter		22,425	33,675	284	63	347
3rd Quarter		23,468	35,619	488	79	567
4th Quarter		21,084	32,899	403	69	472
Total		88,222	134,951	1,391	261	1,652
<u>Foreign Flag</u>						
1st Quarter		15,444	19,976	211	---	211
2nd Quarter		17,106	23,304	272	---	272
3rd Quarter		15,722	19,535	203	---	203
4th Quarter		16,895	23,186	291	---	291
Total		65,167	86,001	977	---	977

(See bottom of Table XII for footnotes)



TABLE VI  
 FOREIGN OCEANBORNE TRADE OF THE UNITED STATES  
 CONTAINERIZED CARGO/Calendar Year 1970  
 TRADE ROUTES 5-7-8-9 - U.S. NORTH ATLANTIC/U.K. - EUROPEAN CONTINENT  
 TOTAL INBOUND/OUTBOUND TONNAGE

	Commercial 2/ Long tons (000's)	Defense 3/ Cargo tons (000's)	Total Long tons (000's)
<u>All Flags</u>			
1st Quarter	910	51	961
2nd Quarter	1,256	65	1,321
3rd Quarter	1,635	88	1,722
4th Quarter	1,506	75	1,581
Total	5,307	279	5,586
<u>U.S. Flag</u>			
1st Quarter	471	51	522
2nd Quarter	644	65	710
3rd Quarter	982	88	1,070
4th Quarter	900	75	975
Total	2,997	279	3,277
<u>Foreign Flag</u>			
1st Quarter	440	---	440
2nd Quarter	612	---	612
3rd Quarter	652	---	652
4th Quarter	606	---	606
Total	2,310	---	2,310

(See bottom of Table XII for footnotes)

FOREIGN OCEANBORNE COMMERCE OF THE UNITED STATES CONTAINERIZED  
CARGO ON SELECTED TRADE ROUTE TR-10 NORTH ATLANTIC/MEDITERRANEAN, 1970

C. Trade Route 10 - U.S. North Atlantic/Mediterranean 11/.

Some 613 thousand tons of commercial 12/ containerized cargo moved on this trade route during 1970.

U.S. flag participation in commercial container traffic was 56 percent 13/.

Quarterly indicators during 1970 showed a continuous rapid increase of commercial and military container tonnage almost doubling from 124 thousand tons in the first quarter to 218 thousand in the fourth. About 73 thousand container units of mixed sizes were used to move 86 million cubic feet of commercial and military cargo.

Inbound Container Traffic TR-10

Inbound commercial containerized shipments totaled 375 thousand tons and exceeded outbound commercial container traffic in this area by 136 thousand tons. U.S. flag vessel participation in this trade was 41 percent.

Outbound Container Traffic TR-10

Outbound containerized trade on TR 10 consisted of 239 thousand tons of commercial and 52 thousand tons of military cargoes. U.S flag participation in the commercial carriage was 64 percent.

Some 31 thousand container units were utilized to handle 38 million cubic feet of containerized commercial and military cargoes whose aggregate total was 291 thousand tons 14/.

11/ Because of its commanding growth, container statistics on this trade area appear for the first time and will continue in future statistical container releases by this agency.

12/ Military cargo added another 60 thousand tons.

13/ See Table III, page 6. The following tonnages moved on TR 10 during 1970: liner 2,117,244, non-liner (tramp) 6,315,731, tanker 909,378.

14/ See Table VII, page 17

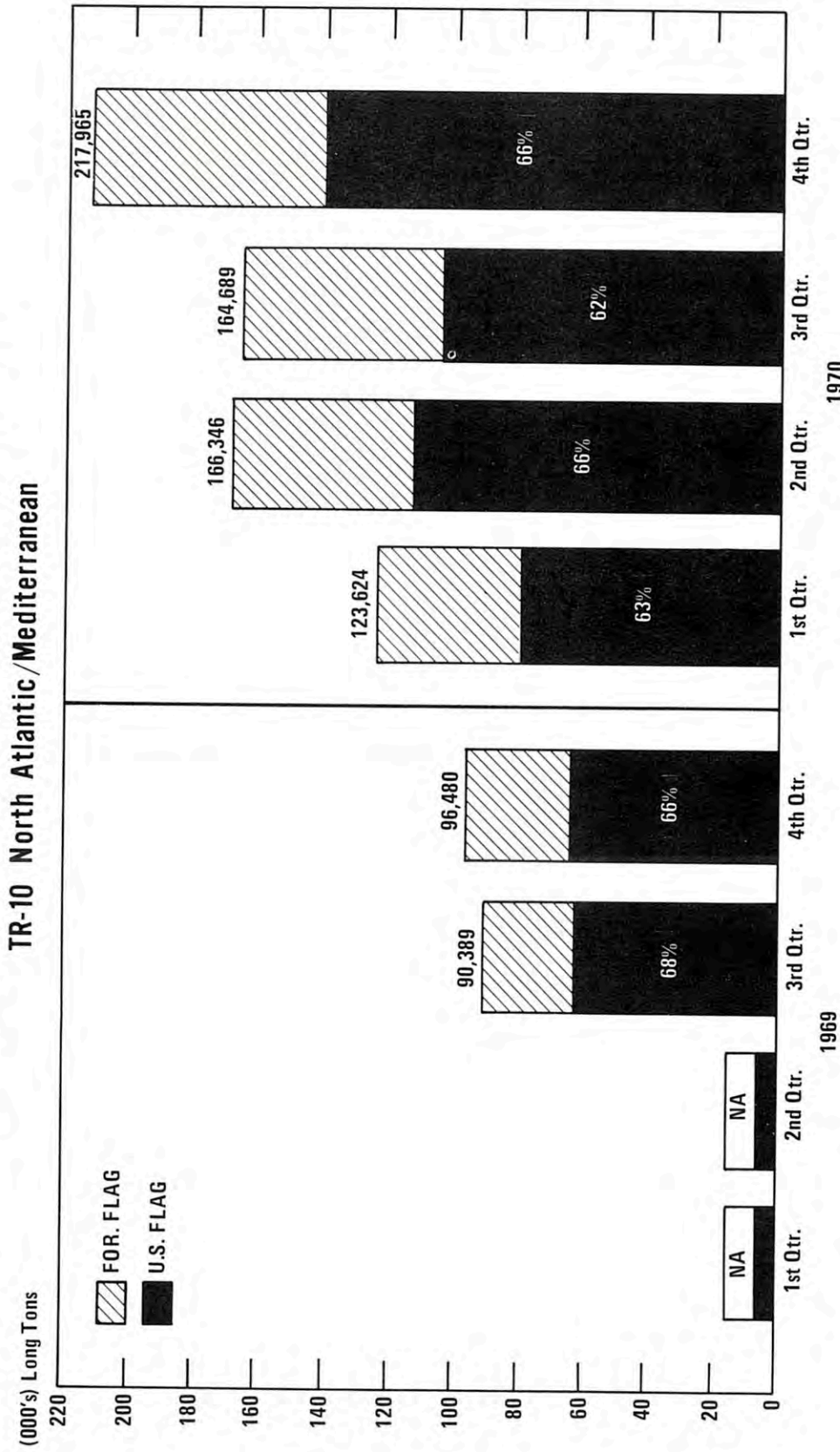
During 1970, both inbound and outbound trades on TR-10 rose rapidly from the first through the fourth quarters almost doubling 15/ their tonnages in the fourth quarter over volumes handled in the first quarter.

Vessels of the following national registries participated in TR-10 containerized cargo trade: U. S., Denmark, France, West Germany, Italy, Norway, Greece, Portugal and Israel.

---

15/ See Figure 4, page 15

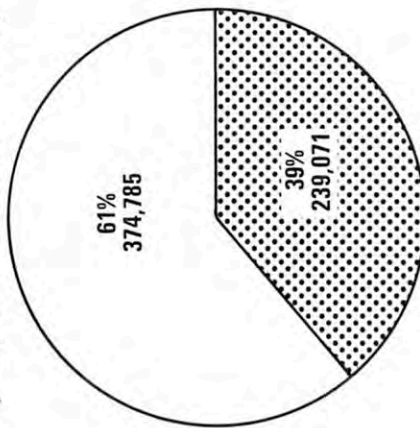
**Figure 4.**  
**FOREIGN OCEANBORNE TRADE OF THE UNITED STATES**  
**CONTAINERIZED CARGO <sup>1/</sup>SELECTED TRADE ROUTES**



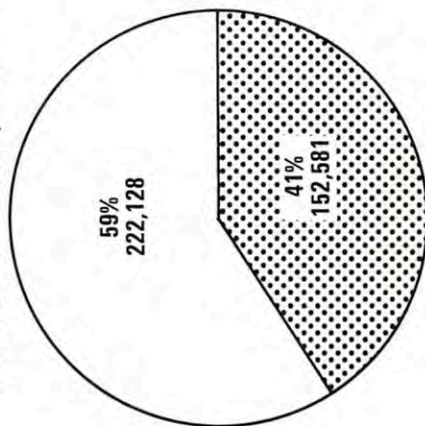
NA - NOT AVAILABLE  
<sup>1/</sup> INCLUDES COMMERCIAL, DEFENSE AND MAIL CONTAINERIZED SHIPMENTS.

**Figure 5.**  
**TR 10-U.S. NORTH ATLANTIC/MEDITERRANEAN**  
**TOTAL COMMERCIAL CONTAINERIZED CARGO\* AND U.S. FLAG PARTICIPATION 1970**  
**LONG TONS OF 2240 LBS.**

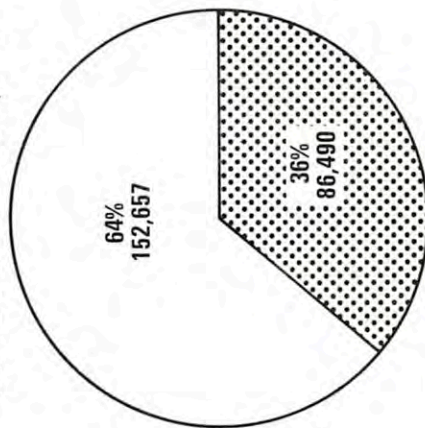
TOTAL IN/OUTBOUND - 613,856



INBOUND - 374,709



OUTBOUND - 239,147



 FOREIGN FLAG  
 U.S. FLAG

\*COMMERCIAL TONNAGE ONLY - EXCLUDES U.S. MILITARY CARGO

TABLE VII  
FOREIGN OCEANBORNE TRADE OF THE UNITED STATES  
CONTAINERIZED CARGO/Calendar Year 1970  
TRADE ROUTE 10 - U.S. NORTH ATLANTIC/MEDITERRANEAN

INBOUND

	<u>Number of 1/ Containers</u>	<u>Cargo cu. ft. (000's)</u>	<u>Commercial 2/ Long tons (000's)</u>	<u>Defense 3/ Long tons (000's)</u>	<u>Total Long tons (000's)</u>
<u>All Flags</u>					
1st Quarter	8,901	9,223	69	1	70
2nd Quarter	9,345	10,386	84	1	86
3rd Quarter	10,816	13,211	91	3	95
4th Quarter	12,515	16,076	130	1	131
Total	41,577	48,896	375	7	382
<u>U.S. Flag</u>					
1st Quarter	5,451	5,948	41	1	42
2nd Quarter	5,346	6,514	47	1	48
3rd Quarter	6,808	8,191	54	3	57
4th Quarter	7,747	10,900	80	1	81
Total	25,352	31,554	222	7	229
<u>Foreign Flag</u>					
1st Quarter	3,450	3,276	28	---	28
2nd Quarter	3,999	3,871	37	---	37
3rd Quarter	4,008	5,020	37	---	37
4th Quarter	4,768	5,176	50	---	50
Total	16,225	17,343	153	---	153

(See bottom of Table XII for footnotes)

TABLE VIII  
 FOREIGN OCEANBORNE TRADE OF THE UNITED STATES  
 CONTAINERIZED CARGO/Calendar Year 1970  
 TRADE ROUTE 10 - U.S. NORTH ATLANTIC/MEDITERRANEAN

OUTBOUND

	<u>Number of 1/ Containers</u>	<u>Cargo cu. ft. (000's)</u>	<u>Commercial 2/ Long tons (000's)</u>	<u>Defense 3/ Long tons (000's)</u>	<u>Total Long tons (000's)</u>
<u>All Flags</u>					
1st Quarter	6,269	7,765	43	10	53
2nd Quarter	8,306	10,285	68	13	81
3rd Quarter	7,900	9,201	56	14	70
4th Quarter	8,141	10,042	72	15	87
Total	30,916	37,292	239	52	291
<u>U.S. Flag</u>					
1st Quarter	4,181	6,111	26	10	36
2nd Quarter	6,013	8,836	48	13	61
3rd Quarter	5,507	6,937	30	14	45
4th Quarter	6,309	8,258	49	15	64
Total	22,010	30,143	153	52	205
<u>Foreign Flag</u>					
1st Quarter	2,088	1,654	18	---	18
2nd Quarter	2,293	1,448	20	---	20
3rd Quarter	2,393	2,264	25	---	25
4th Quarter	2,132	1,783	23	---	23
Total	8,906	7,149	86	---	86

(See bottom of Table XI for footnotes)

TABLE IX  
 FOREIGN OCEANBORNE TRADE OF THE UNITED STATES  
 CONTAINERIZED CARGO/Calendar Year 1970  
 TRADE ROUTE 10 - U.S. NORTH ATLANTIC/MEDITERRANEAN  
 TOTAL INBOUND/OUTBOUND TONNAGE

	Commercial 2/ Long tons (000's)	Defense 3/ Long tons (000's)	Total Long tons (000's)
<u>All Flags</u>			
1st Quarter	122	11	124
2nd Quarter	152	14	166
3rd Quarter	147	18	165
4th Quarter	202	16	218
Total	614	59	673
<u>U.S. Flag</u>			
1st Quarter	67	11	78
2nd Quarter	95	14	109
3rd Quarter	84	18	102
4th Quarter	129	16	145
Total	375	59	434
<u>Foreign Flag</u>			
1st Quarter	46	---	46
2nd Quarter	57	---	57
3rd Quarter	63	---	63
4th Quarter	73	---	73
Total	239	---	239

(See bottom of Table XII for footnotes)



FOREIGN OCEANBORNE TRADE OF THE UNITED STATES CONTAINERIZED  
CARGO ON SELECTED TRADE ROUTE TR 29 U. S. PACIFIC/FAR EAST, 1970

D. Trade Route 29 - U. S. Pacific/Far East

Total containerized oceanborne trade on TR 29 during 1970 consisted of 1.8 million tons of commercial and 1.0 million tons of military cargo for a total of 2.8 million tons 16/. Each quarter of 1970 showed substantial gains over comparable quarters of 1969 17/.

U. S. flag participation in the total commercial containerized trade on TR 29 was 40 percent of a total 1.8 million tons during calendar year 1970.

An imbalance of tonnage in favor of inbound commercial container traffic was recorded for TR 29 in 1970 18/.

Inbound Container Traffic TR 29

A little over 159 thousand container units carrying 163 million cubic feet were used to handle 1.0 million tons of commercial and 132 thousand tons of military inbound traffic on TR 29 in calendar year 1970.

U. S. flag share of the inbound commercial container traffic 19/ was 51 percent of the total carried.

Outbound Container Traffic TR 29

Outbound containerized tonnage on TR 29 consisted of 728 thousand tons of commercial and 949 thousand tons of defense cargo 20/ for a total of 1.7 million tons. 21/ The above imbalance between commercial and defense traffic, with emphasis on defense, would suggest grounds for the low 25 percent U. S. flag 22/ participation in outbound commercial containerized traffic on TR 29 during 1970.

Vessels of the following national registries participated in TR 29 commercial containerized trade: U. S., Taiwan, Japan, Norway, Panama and Liberia.

---

16/ Commercial tonnage on TR 29 during 1970 was as follows: Liner 6,716,827 non-liner 28,354,190 and tanker 3,270,861

17/ See Figure 6, page 21

18/ See Figure 7, page 22

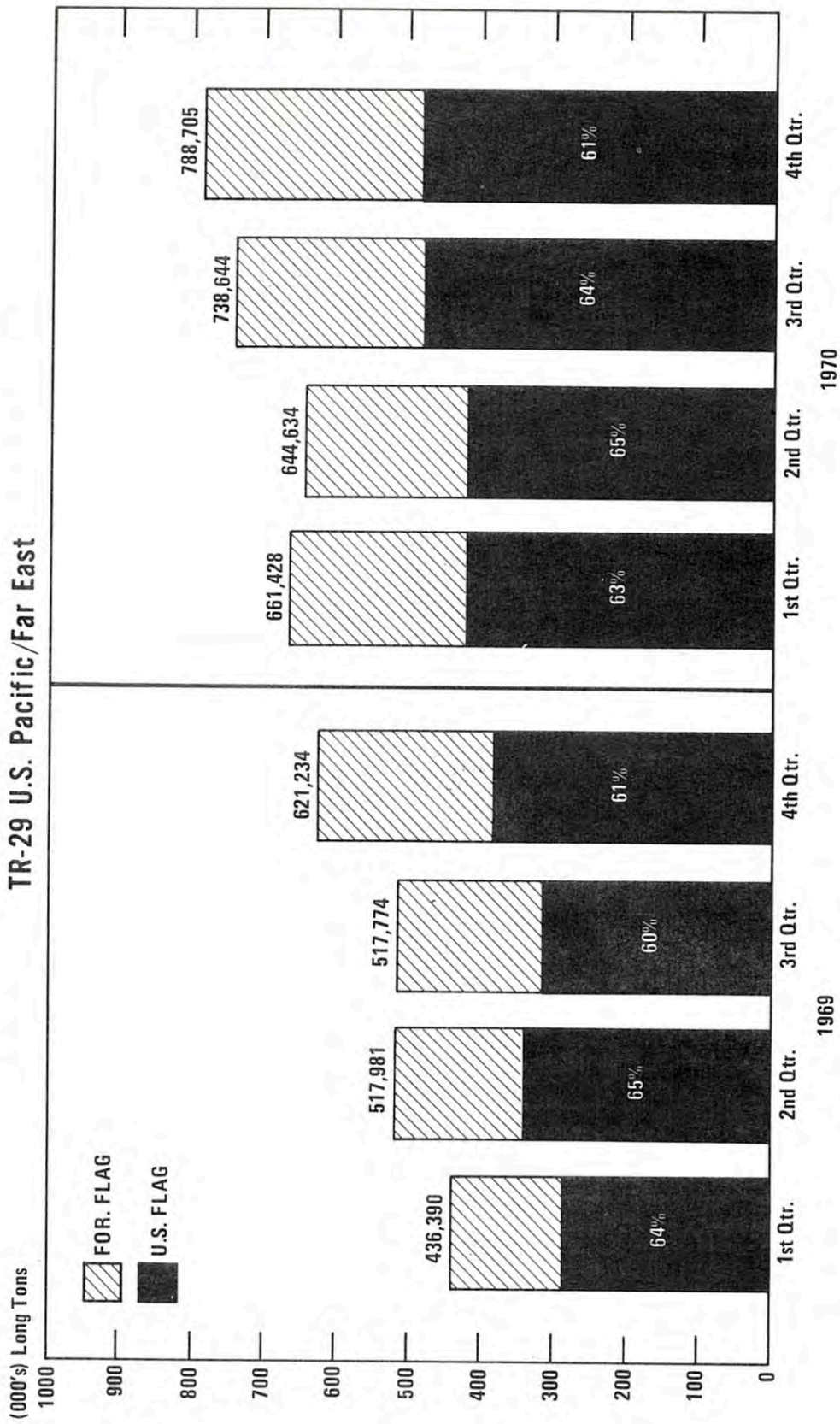
19/ See Table III, page 6

20/ See Table VII, page 17

21/ Military cargo lifts are reserved to U. S. flag carriage.

22/ See Table III, Page 6

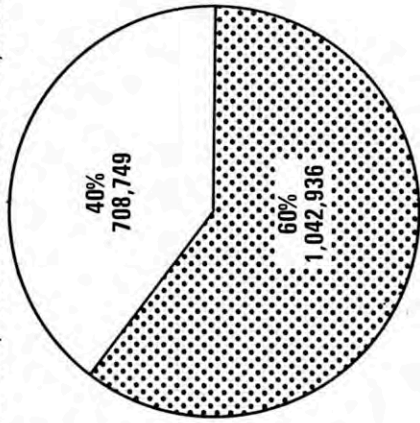
**Figure 6.**  
**FOREIGN OCEANBORNE TRADE OF THE UNITED STATES**  
**CONTAINERIZED CARGO <sup>1/</sup>/SELECTED TRADE ROUTES**



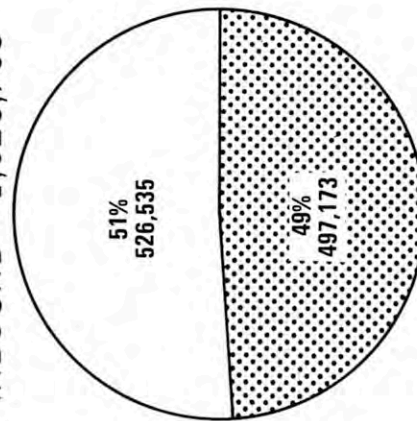
<sup>1/</sup> INCLUDES COMMERCIAL, DEFENSE AND MAIL CONTAINERIZED SHIPMENTS

**Figure 7.**  
**TR 29-U.S. PACIFIC/FAR EAST**  
**TOTAL COMMERCIAL CONTAINERIZED CARGO\* AND U.S. FLAG PARTICIPATION 1970**  
**LONG TONS OF 2240 LBS.**

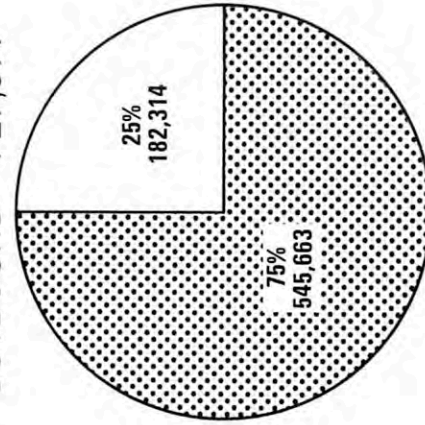
TOTAL IN/OUTBOUND - 1,751,685



INBOUND - 1,023,708



OUTBOUND - 727,977



\*COMMERCIAL TONNAGE ONLY - EXCLUDES U.S. MILITARY CARGO

TABLE X  
FOREIGN OCEANBORNE TRADE OF THE UNITED STATES  
CONTAINERIZED CARGO/Calendar Year 1970  
TRADE ROUTE 29 - U.S. PACIFIC/FAR EAST

INBOUND

	Number of Containers <u>1/</u>	Cargo cu. ft. (000's)	Commercial <u>2/</u> Long tons (000's)	Defense <u>3/</u> Long tons (000's)	Total Long tons (000's)
<u>All Flags</u>					
1st Quarter	28,888	34,571	262	32	294
2nd Quarter	48,731	39,713	223	33	255
3rd Quarter	40,579	47,960	285	33	318
4th Quarter	40,987	40,496	253	35	288
Total	159,185	162,741	1,024	132	1,156
<u>U.S. Flag</u>					
1st Quarter	14,893	19,180	133	32	165
2nd Quarter	32,692	24,734	105	33	138
3rd Quarter	21,551	27,970	155	33	188
4th Quarter	19,917	26,529	133	35	168
Total	89,053	98,414	527	132	659
<u>Foreign Flag</u>					
1st Quarter	13,995	15,391	129	---	129
2nd Quarter	16,039	14,979	118	---	118
3rd Quarter	19,028	19,990	130	---	130
4th Quarter	21,070	13,967	120	---	120
Total	70,132	64,327	497	---	497

(See bottom of Table XII for footnotes)

TABLE XI  
 FOREIGN OCEANBORNE TRADE OF THE UNITED STATES  
 CONTAINERIZED CARGO/Calendar Year 1970  
 TRADE ROUTE 29 - U.S. PACIFIC/FAR EAST

OUTBOUND

	Number of Containers <u>1/</u>	Cargo cu. ft. (000's)	Commerical <u>2/</u> Long tons (000's)	Defense <u>3/</u> Long tons (000's)	Total Long tons (000's)
<u>All Flags</u>					
1st Quarter	27,219	31,919	164	204	367
2nd Quarter	30,083	39,582	155	234	389
3rd Quarter	32,588	37,256	172	249	421
4th Quarter	35,620	46,275	238	263	500
Total	125,510	155,032	728	949	1,677
<u>U.S. Flag</u>					
1st Quarter	20,158	25,197	51	204	254
2nd Quarter	21,973	30,539	48	234	283
3rd Quarter	21,864	25,999	36	249	285
4th Quarter	22,634	30,097	47	263	310
Total	86,629	111,832	182	949	1,132
<u>Foreign Flag</u>					
1st Quarter	7,061	6,722	113	---	113
2nd Quarter	8,110	9,043	106	---	106
3rd Quarter	10,724	11,257	136	---	136
4th Quarter	12,986	16,178	190	---	190
Total	38,881	43,200	546	---	546

(See bottom of Table XII for footnotes)

TABLE XII  
 FOREIGN OCEANBORNE TRADE OF THE UNITED STATES  
 CONTAINERIZED CARGO/Calendar Year 1970  
 TRADE ROUTE 29 - U.S. PACIFIC/FAR EAST  
 TOTAL INBOUND/OUTBOUND  
 TONNAGE

	Commercial 2/ Long tons (000's)	Defense 3/ Long tons (000's)	Total Long tons (000's)
<u>All Flags</u>			
1st Quarter	426	236	661
2nd Quarter	378	267	645
3rd Quarter	457	281	739
4th Quarter	491	298	789
Total	1,752	1,082	2,833
<u>U.S. Flag</u>			
1st Quarter	183	236	419
2nd Quarter	153	267	420
3rd Quarter	191	281	473
4th Quarter	181	298	478
Total	709	1,082	1,791
<u>Foreign Flag</u>			
1st Quarter	242	---	242
2nd Quarter	224	---	224
3rd Quarter	266	---	266
4th Quarter	310	---	310
Total	1,043	---	1,043

NOTE: Figures may not be additive due to rounding  
 1/ Mixed units of standard and nonstandard size containers  
 2/ Includes small amounts of mail  
 3/ Military Cargo normally restricted to U.S. flag carriers

FOREIGN OCEANBORNE COMMERCE OF THE UNITED STATES  
CONTAINERIZED TRADE AREAS

TRADE ROUTE ADDENDUM

TRADE  
ROUTE  
NUMBER

Principal Container Bearing Trade Routes 1970  
with IN/OUTBOUND Traffic

- 5-7-8-9 U.S. North Atlantic/United Kingdom and Ireland  
Germany (North Sea portion), Belgium, Netherlands,  
France (Atlantic portion), Spain (North of Portugal  
portion).
- 10 U.S. North Atlantic/Mediterranean, includes Black Sea,  
Portugal, Spain (South of Portugal portion), Morocco  
and Azores
- 29 a) U.S. Pacific (includes U.S. west coast continental ports  
and those in Alaska and Hawaii)  
b) Far East includes Eastern region of U.S.S.R., Thailand,  
South Vietnam, Cambodia, Phillipine Islands, Macao,  
China, Manchuria, Republic of Korea, Hong Kong, Kowloon,  
Taiwan, Japan, Okinawa, Nansei and the Carolina,  
Marianas, Marshall and Palau Islands

Some IN/OUT Container Traffic also Moved on the Following  
Trade Routes

- 1 U.S. Atlantic/East Coast South America
- 2 U.S. Atlantic/West Coast South America
- 4 U.S. Atlantic/ Caribbean (incl, Cristobal), East Coast Mexico
- 6 U.S. North Atlantic/Scandinavian and Baltic Ports (including  
Newfoundland)
- 11 U.S. South Atlantic/U.K. Continental Europe North of Portugal
- 12 U.S. Atlantic/Far East
- 13 U.S. South Atlantic and Gulf/Mediterranean, Black Sea,  
Portugal, Spain (South of Portugal), Morocco and  
Azores
- 14-1 23/ U.S. Atlantic (Service 1)/West Africa, Canary Is., Cape Verde  
Island and Madeira Island
- 15-A U.S. Atlantic/South & East Africa (Malagasy Rep., British West  
Africa, St. Helena, Ascension Is.)
- 16 U.S. Atlantic, Gulf/Australasia

23/ By chance, containerized cargo moved only on the outbound leg of this  
trade route. There was no inbound containerized traffic in 1970.

TRADE  
ROUTE  
NUMBER

Some IN/OUT Container Traffic also moved on the following  
Trade Route (Con't)

17	U.S. Atlantic, Gulf, Pacific/Indonesia, Malaysia, Singapore
18	U.S. Atlantic, Gulf/India, Persian Gulf, Red Sea, Pakistan, Ceylon, Burma
19 23/ 20	U.S. Gulf/Caribbean (incl. Cristobal), East Coast of Mexico
21	U.S. Gulf/East Coast South America
	U.S. Gulf/United Kingdom and Ireland, Continental Europe North of Portugal
22	U.S. Gulf/Far East
23 23/ 25	U.S. Pacific/Caribbean (incl. Cristobal), East Coast Mexico
	U.S. Pacific/West Coast South America, Central America and Mexico, Balboa
26	U.S. Pacific, Hawaii, Alaska/United Kingdom and Ireland, Continental Europe North of Portugal
26-C	U.S. Pacific/Mediterranean (Same Med. areas as in TR-10)
27	U.S. Pacific, Hawaii/Australasia
28 23/	U.S. Pacific/Burma, Ceylon, India, Pakistan, Persian Gulf, Gulf of Aden, Red Sea
31 23/	U.S. Gulf/West Coast South America
32 23/	U.S. Great Lakes/United Kingdom and Ireland, Continental Europe North of Portugal
77*	U.S. Atlantic/Pacific Canal Zone
78 23/	U.S. Gulf/Pacific Canal Zone
81*	U.S. Atlantic/Atlantic Canada
91*	Puerto Rico/Foreign - Virgin Island/Foreign

Definition of a Trade Route

A specifically designated channel through which commerce of the United States flows between a particular United States coastal area or areas and a specific foreign coastal area or areas.

Definition of an Essential Trade Route

A route between ports in a United States coastal area or areas to foreign markets which have been determined by the Maritime Administration to be essential for the promotion, development, expansion and maintenance of the foreign commerce of the United States.

\* These are non-essential trade routes. All others shown are classified as essential trade routes.

23/ By chance, containerized cargo moved only on the outbound leg of this trade route. There was no inbound containerized traffic in 1970.