

REPORT OF THE
NATIONAL PETROLEUM COUNCIL'S
COMMITTEE ON
PETROLEUM TANKER TRANSPORTATION
JUNE 10, 1947

CHAIRMAN: James P. Patterson

NATIONAL PETROLEUM COUNCIL
COMMITTEE ON PETROLEUM TANKER TRANSPORTATION
FINAL REPORT

To properly cover the assignment given them by the National Petroleum Council, the Committee on Petroleum Tanker Transportation felt it would be necessary to collect and study all tanker statistics available not only for the United States, but the entire world. The collection and tabulation of these statistics was assigned to Mr. Benedict Saurino, who was called in as Statistical Consultant.

You will find attached, a series of twenty-eight tabulations on thirty-four pages - also two charts which are self-explanatory, the main tables to be considered in the study made are 1 - 1a - 2 - 2a - 2b - 2c - 3 - 12 - 13 - 19 - 28. The other tables, while important in the rounding out of a complete picture, are secondary in importance to the ones enumerated above. It was deemed advisable, in the preparation of these tables, that while actual quantity of ships and dead weight tonnage should be shown, it would be more accurate to equate all figures to a basis of a T2-SE-A1 type of tanker. There is also attached, extracts from a letter addressed by Mr. Saurino to the Chairman of the Committee which analyze many of the statistics shown, and which the Committee felt should be a part of this report.

Before any summaries or recommendations are made, we feel that the following salient points should be called to your attention:

1. The United States as a whole (Maritime Commission, Navy and private industry) not only has by far the largest tanker fleet in the world, but the fastest in speed and highest in average dead-weight ton capacity. It is also the "youngest" fleet from the angle of construction dates.

2. It can control, in case of emergency, the largest part of the Panamanian Flag fleet, which ships are mostly owned by American citizens.

3. Tankers owned by U.S. Navy are all under an age of ten years and have the highest average speed of any fleet ever known.

4. While approximately 125 U.S. Maritime Commission tankers are now being used in handling petroleum for British, French and other foreign interests, the fact that 154 tankers are on order and under construction in and for foreign countries (see table 28) should release this American flag tonnage for reserve fleet layup within two to three-and-a-half years.

The United States therefore, has the following tanker capacity available in case of a National Emergency: all figures based on a T2-SE-A1 type tanker.

Private Industry owned	229
U. S. Navy	53
U. S. Maritime Commission	468
Panama	45
	<hr/>
	795

Less Tonnage over 20 years of age:

U. S. Flag fleet	62	
Panama	17	79
		<hr/>
Net Total		716

Of the above total, it is estimated that 240/260 tankers are needed for the entire U.S. domestic requirements which figure would include approximately 60 tankers for present amount of imports from Caribbean area. This would leave from 456/476 tankers for National Emergency. From this latter figure must be deducted any T2 tankers which may be sold to non-citizens between March 1, 1947 and December 31, 1947 on which date, under the present law, the Ship Sales Act of 1946 cuts off all sales of surplus U.S. tonnage.

In case of a National Emergency, the tanker tonnage shown above as needed for domestic economy, could be released from such service, to the extent that pipe lines, barges, tank cars, etc. could be utilized to bring additional petroleum and its products from source of supply to point of consumption.

So that the reserve tanker fleet can be rapidly put in service in event of National need, the Committee strongly recommends the following:

1. That the U.S. Maritime Commission immediately work out a comprehensive program to keep all ships under proper maintenance while in tie-up.

2. That necessary spare parts for the standard T2 tanker be ordered and placed in storage for emergencies. Particular stress should be placed on those spares which require a lengthy period for manufacture.

Unless both these recommendations are adhered to over the coming years, it might be found that in event of another National Emergency the reserve tanker fleet would be incapable of performing the service for which it was intended.

COMMITTEE ON PETROLEUM TANKER TRANSPORTATION

/S/ JAMES P. PATTERSON

Chairman

EXTRACTS FROM REPORT OF MR. SAURINO
TO COMMITTEE ON PETROLEUM TANKER TRANSPORTATION

Analysis

In Table I there is contained a summary of the actual and T-2 equivalent world tank ship fleets on March 1, 1947. On that date there were 1,898 vessels world-wide of 23,836,400 deadweight tons and an average speed of 12.94 knots. This world fleet is equivalent to 1,267 T-2's or 21,241,200 deadweight tons when a total deadweight of 16,765 tons and 14.5 knots speed is accepted for specifications of a T-2. This world fleet is 63.4% greater than the comparable capacity of tank ships on September 1, 1939 when the average deadweight tons per vessel were 10,686 and weighted average speed amounted to 11.07 knots. Although there are currently 304 additional tankers in the world today the increases on the average per vessel in both deadweight and speed which on March 1, 1947 were 12,558 deadweight tons and 12.94 knots accounts for the greatest portion of this increased world fleet capacity.

On September 1, 1939 Great Britain, the United States and Norway accounted for 71.6% of the total fleet having 28.2%, 23.9% and 19.5%, respectively. Today the United States alone has 59.2% of the world fleets while Great Britain is in second position with 16.9% and Norway accounts for 9.5% of all tankers 2000 gross tons and over. Because the current proportion of the total world fleet is based on a 63% expanded capacity, it is found that the United States fleet is now slightly more than four times its prewar level while Great Britain has 98% of its former capacity and Norway has been reduced to 79.3% of its prewar level. Significant changes in the distribution of tank ship fleets by flag have occurred mainly in the number of vessels owned by the United States government and those of Panamanian registry. United

States government today owns 41.2% of the total world tank ship capacity while a 30.6% increase has occurred in the capacity of the fleet registered under the Panama flag.

Beginning with Table II there is shown a series of tabulations dealing with the age, number and deadweight of the fleets registered under each flag. Percentage distribution of the total on a T-2 equivalent is also shown for analytical purposes. Of primary importance in these tabulations is the breakdown of the United States fleet. It will be noted that 558 vessels are owned by the United States Maritime Commission while 43 are military tankers and 281 are owned by private operators. Equating these to a T-2 basis, it is found that 69.5% of the United States fleet is under government ownership of which 7.1% is military, 62.4% represents Maritime Commission ownership and the balance amounting to 30.5% reflects the privately owned vessels under the United States flag.

Panamanian tankers are mostly under private ownership with a large proportion of the owners representing subsidiary interests of American companies. When combining the privately owned vessels under American registry and the total registered under the Panama flag, there is indicated an increased capacity of slightly more than 35% over the September 1, 1939 fleets.

Probably the point of greatest significance in this analysis lies in the age distribution of the present tank ship fleet. Illustrated in the two attached charts is the accumulative percentage of deadweight tonnage distribution for the total United States, United States Maritime Commission and privately owned fleets in addition to this same information for Great Britian, Norway and Panama. It will be recalled that approximately 53% of the present tank ship capacity was constructed

during the three years 1943, 1944 and 1945. In addition, more than 10% of the present fleet was constructed in the years, 1942 and 1946, indicating that approximately 62.5% of the present capacity was constructed in the period 1942-1946, inclusive. Of the United States Maritime Commission fleet, 92.7% of the total capacity has been built from 1942 to the present, while 62.8% of the privately owned fleet capacity represents construction during the past five years. British, Norwegian and Panamanian fleets show considerably small percentages of newer vessels. For example, the average age of the British fleet is indicated at about ten years while the Norwegian fleet is approximately seven years old and the Panamanian fleet averages more than sixteen years of age.

When accepting twenty years as the effective economic life of a tank ship, it is found that 8.3% of the total United States capacity is over-age with the Maritime Commission vessels showing 6.1% older than twenty years and the private fleet having 14.7% of its capacity in this category. Vessels under Panama registry which are over twenty years of age amount to 37.1% of total capacity while Great Britain shows 15.7% in this category and Norway 6.7% of capacity over-age.

In the world today there are on order or under construction 156 tankers amounting to 1,352,950 gross tons and 2,016,084 deadweight tons. Of these vessels on order or under construction approximately 85% fall within the 12 to 15 knots speed group so that the average speed of these new vessels will be in the order of 13.5 to 14 knots.

In 1941, receipts of crude oil and petroleum products on the East Coast from both Gulf ports and Caribbean area, amounted to 527,911,000 barrels, while in 1946 this quantity totaled 619,441,000 barrels. Estimates for 1947 would be in the order of 651,000,000, while a 5% increase

seems indicated for 1948 and an additional increase of the same amount, will probably be experienced in 1949. 1948 and 1949 quantities of this basis would be 683,000,000 and 717,000,000 barrels, respectively.

It is estimated that the average annual cargo deadweight of a T-2 tanker, when making allowance for both summer and winter loadlines, will be in the order of 15,700 deadweight tons. Applying a normal distribution for products and crude oil to be received in this area, it is found that an average cargo would be in the order of 125,000 barrels. It is further assumed that a T-2 tanker will make a minimum of 24 trips annually between the Caribbean and Gulf ports to the East Coast. On this basis, therefore, there is estimated a need in 1947 of 216 T-2 equivalents, 227 in 1948 and 238 in 1949. In addition to these amounts which are needed for East Coast requirements, it is estimated that from 21 to 25 T-2 equivalent tankers will be needed for the West Coast needs.

/S/ Benedict Saurino, Manager
Statistical Research Division
Sun Oil Company

TABLE I
WORLD TANK SHIP FLEETS BY FLAG, MARCH 1, 1947
ACTUAL AND T2-SE-A1 EQUIVALENT TONNAGE
(Ocean-Going Vessels 2,000 Gross Tons and Over)

Flag	March 1, 1947					T2-SE-A1 Equivalent			
	No.	Gross Tons	Deadweight Tons	Average		No.	Deadweight Tons	% of World	% of 9/1/39
				Dead-Weight	Speed				
Western Hemisphere									
United States	882	8,198,712	13,107,200	14,860	13.95	750.5	12,582,100	59.2%	405.0%
Government	601	5,647,668	8,979,700	14,941	14.15	521.6	8,744,600	41.2	-
U.S.M.C.	558	5,176,921	8,223,200	14,736	13.88	468.4	7,852,700	37.0	-
Military	43	470,747	756,500	17,593	17.13	53.2	891,900	4.2	305.8
Private	281	2,551,044	4,127,500	14,688	13.51	228.9	3,837,500	18.0	136.3
Panama	86	615,764	965,400	11,225	11.40	45.2	757,800	3.6	130.6
Others									
Argentina	27	174,973	247,200	9,155	11.46	11.7	196,200	0.9	131.5
Brazil	5	30,183	44,000	8,800	10.21	1.8	30,200	0.2	359.5
Chile	2	7,586	9,600	4,800	11.00	0.4	6,700	-	100.0
Honduras	2	14,071	21,000	10,500	11.29	1.0	16,800	0.1	166.3
Mexico	12	74,122	114,600	9,550	10.50	4.9	82,100	0.4	701.7
Peru	1	2,820	4,300	4,300	10.00	0.2	3,300	-	97.5
Philippines	-	-	-	-	-	-	-	-	-
Uruguay	1	10,296	16,800	16,800	14.50	1.0	16,800	0.1	-
Venezuela	25	72,092	99,300	3,972	9.85	4.0	67,000	0.3	111.1
Subtotal "Others"	75	386,143	556,800	7,424	10.94	25.0	419,100	2.0	164.5
Total									
Total Western Hemisphere (Excluding Canada, Including Philippines)	1,043	9,200,619	14,629,400	14,026	13.66	820.7	13,759,000	64.8	349.1

TABLE I - (Continued)
WORLD TANK SHIP FLEETS BY FLAG, MARCH 1, 1947
ACTUAL AND T2-SE-A1 EQUIVALENT TONNAGE
(Ocean-Going Vessels 2,000 Gross Tons and Over)

Flag	March 1, 1947					T2-SE-A1 Equivalent			
	No.	Gross Tons	Deadweight Tons	Average		No.	Deadweight Tons	% of World	% of 9/1/39
				Dead-Weight	Speed				
<u>Europe</u>									
Great Britain	418	3,056,050	4,469,200	10,691	11.69	214.5	3,596,100	16.9%	98.0%
Norway	191	1,593,096	2,410,500	12,620	12.10	119.7	2,006,800	9.5	79.3
Netherlands	77	398,791	557,100	7,235	11.15	25.5	427,500	2.0	75.2
France	24	181,813	269,900	11,245	11.42	12.7	212,900	1.0	57.7
U. S. S. R.	18	109,687	166,000	9,222	10.89	7.4	124,100	0.6	97.4
Germany	5	39,124	59,600	11,920	12.73	3.1	52,000	0.3	16.9
Italy	26	158,551	227,600	8,753	11.16	10.4	174,300	0.8	38.5
Sweden	35	316,301	481,300	13,751	13.36	26.4	442,600	2.1	207.9
<u>Others</u>									
Belgium	6	43,177	63,500	10,583	11.05	2.9	48,600	0.2	60.4
Denmark	10	87,412	135,000	13,500	11.80	6.5	109,000	0.5	84.4
Finland	-	-	-	-	-	-	-	-	-
Greece	4	18,089	27,400	6,850	9.90	1.1	18,400	0.1	54.9
Portugal	5	29,195	44,600	8,920	11.85	2.2	36,900	0.2	-
Rumania	-	-	-	-	-	-	-	-	-
Spain	21	121,027	169,300	8,061	11.31	7.9	132,400	0.6	164.7
Turkey	1	6,134	9,000	9,000	14.00	0.5	8,400	-	494.1
Yugoslavia	-	-	-	-	-	-	-	-	-
Subtotal "Others"	47	305,034	448,800	8,548	11.44	21.1	353,700	1.6	100.5
Total Europe	841	6,158,447	9,090,000	10,808	11.81	440.8	7,390,000	34.8	86.0
Japan	10	50,575	71,000	7,100	12.50	3.6	60,400	0.3	12.8
China	4	30,475	46,000	11,500	10.00	1.9	31,800	0.1	-
TOTAL WORLD FLEET	1,898	15,440,116	23,836,400	12,558	12.94	1,267.0	21,241,200	100.0	163.4

TABLE I-a
WORLD TANK SHIP FLEET BY FLAG, SEPTEMBER 1, 1939
EQUATED TO A T2-SE-A1 CAPACITY
(Ocean-Going Vessels 2,000 Gross Tons and Over)

Flag	September 1, 1939		
	No.	D. W. T.	Per Cent of World
<u>Western Hemisphere</u>			
United States	185.3	3,106,600	23.9%
Private	167.9	2,814,900	21.7
Military	17.4	291,700	2.2
Panama	34.6	580,100	4.4
<u>Others</u>			
Argentina	8.9	149,200	1.1
Brazil	0.5	8,400	0.1
Chile	0.4	6,700	0.1
Honduras	0.6	10,100	0.1
Mexico	0.7	11,700	0.1
Peru	0.2	3,400	-
Phillippines	0.3	5,000	-
Uruguay	-	-	-
Venezuela	3.6	60,300	0.5
Subtotal "Others"	15.2	254,800	2.0
Total Western Hemisphere	235.1	3,941,500	30.3
<u>Europe</u>			
Great Britain	218.9	3,669,900	28.2
Norway	150.9	2,529,800	19.5
Netherlands	33.9	568,300	4.4
France	22.0	368,800	2.8
U. S. S. R.	7.6	127,400	1.0
Germany	18.3	306,800	2.4
Italy	27.0	452,700	3.5
Sweden	12.7	212,900	1.6
<u>Others</u>			
Belgium	4.8	80,500	0.6
Denmark	7.7	129,100	1.0
Finland	0.4	6,700	0.1
Greece	2.0	33,500	0.3
Portugal	0.1	1,700	-
Rumania	1.0	16,800	0.1
Spain	4.8	80,400	0.6
Turkey	0.1	1,700	-
Yugoslavia	0.1	1,700	-
Subtotal "Others"	21.0	352,100	2.7
Total Europe	512.3	8,588,700	66.1
Japan	28.2	472,800	3.6
China	-	-	-
TOTAL WORLD FLEET	775.6	13,033,000	100.00

TABLE II
TOTAL UNITED STATES - TANK SHIP FLEET
ACTUAL AND T2-SE-A1 EQUIVALENT
NUMBER AND TONNAGES OF FLEET ON MARCH 1, 1947 BY CONSTRUCTION YEAR

Year	T2-SE-A1 Equivalent				March 1, 1947				
	No.	D.W.T.	Per Cent of Total Flag		No.	Gross	D.W.T.	Average	
			Total	Cumulative				Speed	D.W.T.
1946	8.3	139,200	1.1%	1.1%	7	73,558	117,300	17.13	16,757
1945	157.5	2,640,500	21.0	22.1	179	1,652,689	2,649,100	14.48	14,799
1944	211.3	3,542,500	28.1	50.2	213	2,202,888	3,522,100	14.61	16,536
1943	188.7	3,163,600	25.1	75.3	216	2,058,406	3,257,500	14.11	15,081
1942	48.6	814,800	6.5	81.8	48	483,678	779,400	15.17	16,238
1941	15.7	263,200	2.1	83.9	18	165,867	269,500	14.19	14,972
1940	12.9	216,200	1.7	85.6	13	127,558	210,000	15.03	16,154
1939	9.4	157,600	1.3	86.9	8	86,544	140,600	16.34	17,575
1938	6.3	105,600	0.8	87.7	8	70,183	115,300	13.25	14,413
1937	9.8	164,300	1.3	89.0	13	109,965	177,200	13.51	13,631
1936	4.4	73,800	0.6	89.6	6	51,823	83,900	12.63	13,983
1935	1.6	26,800	0.2	89.8	2	19,022	29,800	12.88	14,900
1931	2.2	36,900	0.3	90.1	3	26,648	45,900	11.83	15,300
1930	6.6	110,700	0.9	91.0	9	83,931	141,600	11.35	15,733
1929	0.7	11,700	0.1	91.1	1	9,096	15,200	11.50	15,200
1928	2.9	48,600	0.4	91.5	4	39,653	65,600	10.69	16,400
1927	1.5	25,200	0.2	91.7	2	21,569	34,900	10.77	17,450
1926	0.7	11,700	0.1	91.8	1	8,916	15,300	10.50	15,300
1924	0.4	6,700	0.1	91.9	1	6,746	10,500	10.50	10,500
1923	1.2	20,100	0.2	92.1	2	15,513	24,900	11.79	12,450
1922	0.6	10,100	0.1	92.2	1	8,964	14,400	10.50	14,400
1921	19.3	323,500	2.5	94.7	38	287,812	452,900	10.39	11,918
1920	13.7	229,700	1.8	96.5	31	206,847	321,500	10.38	10,371
1919	9.5	159,200	1.3	97.8	21	142,824	225,300	10.25	10,729
1918	5.2	87,200	0.7	98.5	11	73,170	118,500	10.72	10,773
1917	5.3	88,800	0.7	99.2	10	70,562	120,700	10.61	12,070
1916	2.8	47,000	0.4	99.6	6	40,616	65,300	10.74	10,883
1915	0.7	11,700	0.1	99.7	2	11,385	16,700	10.00	8,350
1913	1.1	18,400	0.1	99.8	3	17,186	28,000	10.05	9,333
1912	0.7	11,700	0.1	99.9	2	10,223	16,100	10.04	8,050
1911	0.3	5,000	-		1	4,938	7,300	10.00	7,300
1906	0.2	3,400	-		1	4,095	6,100	10.00	6,100
1901	0.4	6,700	0.1	100.0	1	5,837	8,800	10.00	8,800
Total	750.5	12,582,100	100.0		882	8,198,712	13,107,200	13.95	14,861

TABLE II-a
 UNITED STATES MARITIME COMMISSION - TANK SHIP FLEET
 ACTUAL AND T2-SE-A1 EQUIVALENT
 NUMBER AND TONNAGES OF FLEET ON MARCH 1, 1947 BY CONSTRUCTION YEAR

Year	T2-SE-A1 Equivalent				March 1, 1947				
	No.	D.W.T.	Per Cent of Total Flag		No.	Gross	D.W.T.	Average	
			Total	Cumulative				Speed	D.W.T.
1946	2.7	45,300	0.6%	0.6%	2	22,632	36,800	18.00	18,400
1945	125.9	2,110,700	26.9	27.5	148	1,336,380	2,134,600	14.37	14,423
1944	164.4	2,756,200	35.1	62.6	169	1,737,356	2,774,800	14.43	16,419
1943	130.8	2,192,900	27.9	90.5	161	1,488,948	2,340,500	13.62	14,537
1942	10.5	176,000	2.2	92.7	10	102,807	165,900	15.35	16,590
1941	3.8	63,700	0.8	93.5	4	37,415	61,900	14.88	15,475
1936	1.4	23,500	0.3	93.8	2	17,497	27,100	12.33	13,550
1930	0.5	8,400	0.1	93.9	1	6,151	9,300	12.75	9,300
1921	8.4	140,800	1.8	95.7	17	129,452	199,000	10.32	11,706
1920	5.6	93,900	1.2	96.9	12	86,015	132,500	10.21	11,042
1919	5.3	88,800	1.1	98.0	11	79,080	125,900	10.21	11,445
1918	2.5	41,900	0.5	98.5	6	37,254	59,600	10.20	9,933
1917	2.8	46,900	0.6	99.1	5	37,331	62,900	10.69	12,580
1916	1.4	23,500	0.3	99.4	3	21,040	33,800	10.40	11,267
1915	0.3	5,000	0.1	99.5	1	5,188	7,600	10.00	7,600
1913	0.8	13,400	0.2	99.7	2	12,061	20,100	10.27	10,050
1912	0.4	6,700	0.1	99.8	1	5,444	8,700	10.50	8,700
1911	0.3	5,000	0.1	99.9	1	4,938	7,300	10.00	7,300
1906	0.2	3,400	-	99.9	1	4,095	6,100	10.00	6,100
1901	0.4	6,700	0.1	100.0	1	5,837	8,800	10.00	8,800
Total	468.4	7,852,700	100.0		558	5,176,921	8,223,200	13.88	14,737

TABLE II-b
 UNITED STATES NAVY - TANK SHIP FLEET
 ACTUAL AND T2-SE-A1 EQUIVALENT
 NUMBER AND TONNAGES OF FLEET ON MARCH 1, 1947 BY CONSTRUCTION YEAR

Year	T2-SE-A1 Equivalent				March 1, 1947				
	No.	D.W.T.	Per cent of Total Flag		No.	Gross	D.W.T.	Average	
			Total	Cumulative				Speed	D.W.T.
1946	4.1	68,700	7.7%	7.7%	3	33,948	55,100	17.99	18,367
1945	1.4	23,500	2.6	10.3	1	11,316	18,400	17.97	18,400
1944	10.1	169,300	19.0	29.3	8	89,496	143,000	17.19	17,875
1943	13.2	221,300	24.8	54.1	11	119,668	192,800	16.67	17,527
1942	7.5	125,800	14.1	68.2	7	71,474	114,400	15.91	16,343
1941	3.5	58,700	6.6	74.8	3	31,115	50,000	17.07	16,667
1940	5.4	90,500	10.2	85.0	4	45,264	73,400	18.00	18,350
1939	6.7	112,300	12.6	97.6	5	56,642	91,200	17.99	18,240
1937	1.3	21,800	2.4	100.0	1	11,824	18,200	18.03	18,200
Total	53.2	891,900	100.0		43	470,747	756,500	17.13	17,593

TABLE II-c
UNITED STATES PRIVATE - TANK SHIP FLEET
ACTUAL AND T2-SE-A1 EQUIVALENT
NUMBER AND TONNAGES OF FLEET ON MARCH 1, 1947 BY CONSTRUCTION YEAR

Year	T2-SE-A1 Equivalent				March 1, 1947				
	No.	D.W.T.	Per Cent of Total Flag		No.	Gross	D.W.T.	Average	
			Total	Cumulative				Speed	D.W.T.
1946	1.5	25,200	0.6%	0.6%	2	16,978	25,400	14.00	12,700
1945	30.2	506,300	13.2	13.8	30	304,993	396,100	14.81	16,537
1944	36.8	617,000	16.1	29.9	36	376,036	604,300	14.82	16,786
1943	44.7	749,400	19.5	49.4	44	449,790	724,200	15.02	16,459
1942	30.6	513,000	13.4	62.8	31	309,397	499,100	14.94	16,100
1941	8.4	140,800	3.7	66.5	11	97,337	157,600	13.01	14,327
1940	7.5	125,700	3.3	69.8	9	82,294	136,600	13.44	15,178
1939	2.7	45,300	1.2	71.0	3	29,902	49,400	13.29	16,467
1938	6.3	105,600	2.7	73.7	8	70,183	115,300	13.25	14,412
1937	8.5	142,500	3.7	77.4	12	98,141	159,000	12.99	13,250
1936	3.0	50,300	1.3	78.7	4	34,326	56,800	12.77	14,200
1935	1.6	26,800	0.7	79.4	2	19,022	29,800	12.88	14,900
1931	2.2	36,900	1.0	80.4	3	26,648	45,900	11.83	15,300
1930	6.1	102,300	2.7	83.1	8	77,780	132,300	11.25	16,538
1929	0.7	11,700	0.3	83.4	1	9,096	15,200	11.50	15,200
1928	2.9	48,600	1.3	84.7	4	39,653	65,600	10.69	16,400
1927	1.5	25,200	0.6	85.3	2	21,569	34,900	10.77	17,450
1926	0.7	11,700	0.3	85.6	1	8,916	15,300	10.50	15,300
1924	0.4	6,700	0.2	85.8	1	6,746	10,500	10.50	10,500
1923	1.2	20,100	0.5	86.3	2	15,513	24,900	11.79	12,450
1922	0.6	10,100	0.3	86.6	1	8,964	14,400	10.50	14,400
1921	10.9	182,700	4.8	91.4	21	158,360	253,900	10.45	12,090
1920	8.1	135,800	3.5	94.9	19	120,832	189,000	10.50	9,947
1919	4.2	70,400	1.8	96.7	10	63,744	99,400	10.31	9,940
1918	2.7	45,300	1.2	97.9	5	35,916	58,900	11.24	11,780
1917	2.5	41,900	1.1	99.0	5	33,231	57,800	10.53	11,560
1916	1.4	23,500	0.6	99.6	3	19,576	31,500	11.11	10,500
1915	0.4	6,700	0.2	99.8	1	6,197	9,100	10.00	9,100
1913	0.3	5,000	0.1	99.9	1	5,125	7,900	9.50	7,900
1912	0.3	5,000	0.1	100.0	1	4,779	7,400	9.50	7,400
Total	228.9	3,837,500	100.0		281	2,551,044	4,127,500	13.51	14,689

TABLE III
 PANAMA - TANK SHIP FLEET
 ACTUAL AND T2-SE-A1 EQUIVALENT
 NUMBER AND TONNAGES OF FLEET ON MARCH 1, 1947 BY CONSTRUCTION YEAR

Year	T2-SE-A1 Equivalent				March 1, 1947				
	No.	D.W.T.	Per Cent of Total Flag		No.	Gross	D.W.T.	Average	
			Total	Cumulative				Speed	D.W.T.
1945	4.6	77,100	10.2%	10.2%	8	53,127	85,400	13.24	10,675
1944	5.0	83,800	11.0	21.2	5	51,138	83,100	14.70	16,620
1943	1.4	23,500	3.1	24.3	6	20,406	34,200	10.00	5,700
1941	2.2	36,900	4.9	29.2	3	27,598	45,800	11.90	15,267
1939	1.5	25,100	3.3	32.5	2	19,745	30,900	11.78	15,450
1938	1.6	26,800	3.5	36.0	3	22,263	33,200	11.62	11,067
1937	1.3	21,800	2.9	38.9	3	18,791	27,600	11.67	9,200
1936	1.3	21,800	2.9	41.8	2	17,169	26,600	12.33	13,300
1934	0.5	8,400	1.1	42.9	1	6,772	9,800	12.00	9,800
1933	0.9	15,100	2.0	44.9	1	11,191	18,000	12.00	18,000
1932	0.9	15,100	2.0	46.9	1	11,194	18,100	12.00	18,100
1931	1.3	21,800	2.9	49.8	2	18,070	28,800	10.63	14,400
1930	3.8	63,700	8.4	58.2	5	46,803	75,900	12.03	15,180
1929	1.3	21,800	2.9	61.1	2	19,679	28,900	10.55	14,450
1928	0.8	13,400	1.8	62.9	2	11,853	18,400	10.04	9,200
1926	0.5	8,400	1.1	64.0	1	8,530	12,800	10.25	12,800
1925	0.5	8,400	1.1	65.1	1	8,917	12,400	10.50	12,400
1923	1.1	18,400	2.4	67.5	2	17,752	26,700	10.37	13,350
1922	1.0	16,800	2.2	69.7	2	14,244	21,800	10.75	10,900
1921	2.3	38,500	5.1	74.8	5	35,062	54,200	10.32	10,840
1920	2.4	40,200	5.3	80.1	5	36,343	56,300	10.29	11,260
1919	2.2	36,900	4.9	85.0	5	32,133	51,800	10.42	10,360
1918	0.9	15,100	2.0	87.0	2	14,408	20,200	10.21	10,100
1917	1.8	30,200	4.0	91.0	5	28,330	44,300	9.86	8,860
1916	1.3	21,800	2.9	93.9	3	19,696	31,500	10.10	10,500
1915	0.4	6,700	0.9	94.8	1	7,153	11,700	9.00	11,700
1914	1.1	18,400	2.4	97.2	2	14,223	24,500	10.95	12,250
1912	0.4	6,700	0.9	98.1	2	7,965	10,400	10.01	5,200
1908	0.3	5,000	0.7	98.8	1	5,169	7,700	10.00	7,700
1904	0.2	3,400	0.4	99.2	1	4,188	5,900	9.25	5,900
1901	0.2	3,400	0.4	99.6	1	2,849	4,000	9.00	4,000
1892	0.2	3,400	0.4	100.0	1	2,953	4,500	11.00	4,500
Total	45.2	757,800	100.0		86	615,764	965,400	11.40	11,226

TABLE IV
 ARGENTINA - TANK SHIP FLEET
 ACTUAL AND T2-SE-A1 EQUIVALENT
 NUMBER AND TONNAGES OF FLEET ON MARCH 1, 1947 BY CONSTRUCTION YEAR

Year	T2-SE-A1 Equivalent				March 1, 1947				
	No.	D.W.T.	Per Cent of Total Flag		No.	Gross	D.W.T.	Average	
			Total	Cumulative				Speed	D.W.T.
1945	1.0	16,800	8.6%	8.6%	1	11,163	17,300	14.00	17,300
1944	1.0	16,800	8.6	17.2	1	11,106	17,500	14.00	17,500
1938	0.7	11,700	6.0	23.2	1	10,006	11,600	15.75	11,600
1937	0.2	3,300	1.7	24.9	1	2,460	4,800	12.00	4,800
1935	0.6	10,200	5.2	30.1	1	9,503	11,100	13.00	11,100
1928	1.6	26,800	13.7	43.8	4	24,917	34,500	11.54	8,625
1927	0.6	10,100	5.1	48.9	1	8,196	10,900	10.50	10,900
1926	0.5	8,400	4.3	53.2	1	8,868	11,300	12.00	11,300
1925	0.5	8,400	4.3	57.5	1	6,948	10,100	11.00	10,100
1924	0.8	13,400	6.8	64.3	2	14,141	19,400	10.27	9,700
1923	0.7	11,700	6.0	70.3	2	10,112	15,700	10.43	7,850
1922	0.3	5,000	2.5	72.8	1	5,807	7,900	9.00	7,900
1921	0.6	10,100	5.1	77.9	2	10,057	15,200	10.00	7,600
1920	0.7	11,700	6.0	83.9	2	11,340	16,600	9.82	8,300
1918	0.3	5,000	2.5	86.4	1	4,723	7,300	9.50	7,300
1917	0.6	10,100	5.1	91.5	2	8,552	13,500	10.30	6,750
1912	0.3	5,000	2.5	94.0	1	5,573	8,300	9.50	8,300
1897	0.7	11,700	6.0	100.0	2	11,501	14,200	11.56	7,100
Total	11.7	196,200	100.0		27	174,973	247,200	11.46	9,156

TABLE V
 BRAZIL - TANK SHIP FLEET
 ACTUAL AND T2-SE-A1 EQUIVALENT
 NUMBER AND TONNAGES OF FLEET ON MARCH 1, 1947 BY CONSTRUCTION YEAR

Year	T2-SE-A1 Equivalent				March 1, 1947				
	No.	D.W.T.	Per Cent of Total Flag		No.	Gross	D.W.T.	Average	
			Total	Cumulative				Speed	D.W.T.
1943	0.5	8,400	27.8%	27.8%	1	7,243	9,800	11.00	9,800
1924	0.3	5,000	16.6	44.4	1	5,553	8,400	10.00	8,400
1921	0.2	3,400	11.3	55.7	1	4,469	6,300	9.00	6,300
1916	0.8	13,400	44.3	100.0	2	12,918	19,500	10.28	9,750
Total	1.8	30,200	100.0		5	30,183	44,000	10.21	8,800

TABLE VI
CHILE - TANK SHIP FLEET
ACTUAL AND T2-SE-A1 EQUIVALENT
NUMBER AND TONNAGES OF FLEET ON MARCH 1, 1947 BY CONSTRUCTION YEAR

Year	T2-SE-A1 Equivalent				March 1, 1947				
	No.	D. W. T.	Per Cent of Total Flag		No.	Gross	D. W. T.	Average	
			Total	Cumulative				Speed	D.W.T.
1930	0.2	3,400	50.7%	50.7%	1	3,936	4,800	11.0	4,800
1929	0.2	3,300	49.3	100.0	1	3,650	4,800	11.0	4,800
Total	0.4	6,700	100.0		2	7,586	9,600	11.0	4,800

TABLE VII
HONDURAS - TANK SHIP FLEET
ACTUAL AND T2-SE-A1 EQUIVALENT
NUMBER AND TONNAGES OF FLEET ON MARCH 1, 1947 BY CONSTRUCTION YEAR

Year	T2-SE-A1 Equivalent				March 1, 1947				
	No.	D.W.T.	Per Cent of Total Flag		No.	Gross	D.W.T.	Average	
			Total	Cumulative				Speed	D.W.T.
1939	0.6	10,100	60.1%	60.1%	1	7,623	11,100	12.00	11,100
1921	0.4	6,700	39.9	100.0	1	6,448	9,900	10.50	9,900
Total	1.0	16,800	100.0		2	14,071	21,000	11.29	10,500

TABLE VIII
MEXICO - TANK SHIP FLEET
ACTUAL AND T2-SE-A1 EQUIVALENT
NUMBER AND TONNAGES OF FLEET ON MARCH 1, 1947 BY CONSTRUCTION YEAR

Year	T2-SE-A1 Equivalent				March 1, 1947				
	No.	D.W.T.	Per Cent of Total Flag		No.	Gross	D.W.T.	Average	
			Total	Cumulative				Speed	D.W.T.
1938	0.6	10,000	12.2%	12.2%	1	7,884	12,300	13.00	12,300
1930	0.4	6,700	8.2	20.4	1	6,089	9,400	10.75	9,400
1928	0.4	6,700	8.2	28.6	1	5,873	9,300	10.25	9,300
1926	0.4	6,700	8.2	36.8	1	6,963	10,000	10.00	10,000
1923	0.5	8,400	10.2	47.0	1	7,011	10,700	10.50	10,700
1920	0.5	8,400	10.2	57.2	1	6,735	11,200	10.50	11,200
1919	0.5	8,400	10.2	67.4	1	6,913	10,700	10.50	10,700
1916	0.6	10,100	12.3	79.7	2	10,014	15,600	9.50	7,800
1914	0.6	10,000	12.2	91.9	2	10,202	15,700	10.19	7,850
1913	0.4	6,700	8.1	100.0	1	6,438	9,700	10.00	9,700
Total	4.9	82,100	100.0		12	74,122	114,600	10.50	9,550

TABLE IX
PERU - TANK SHIP FLEET
ACTUAL AND T2-SE-A1 EQUIVALENT
NUMBER AND TONNAGES OF FLEET ON MARCH 1, 1947 BY CONSTRUCTION YEAR

Year	No.	D.W.T.	Per Cent of Total Flag		No.	Gross	D.W.T.	Average	
			Total	Cumulative				Speed	D.W.T.

TABLE X
URGUAY - TANK SHIP FLEET
ACTUAL AND T2-SE-A1 EQUIVALENT
NUMBER AND TONNAGES OF FLEET ON MARCH 1, 1947 BY CONSTRUCTION YEAR

Year	T2-SE-A1 Equivalent				March 1, 1947				
	No.	D.W.T.	Per Cent of Total Flag		No.	Gross	D.W.T.	Average	
			Total	Cumulative				Speed	D.W.T.
1945	1.0	16,800	100.0%	100.0%	1	10,296	16,800	14.50	16,800

TABLE XI
 VENEZUELA - TANK SHIP FLEET
 ACTUAL AND T2-SE-A1 EQUIVALENT
 NUMBER AND TONNAGES OF FLEET ON MARCH 1, 1947 BY CONSTRUCTION YEAR

Year	T2-SE-A1 Equivalent				March 1, 1947				
	No.	D.W.T.	Per Cent of Total Flag		No.	Gross	D.W.T.	Average	
			Total	Cumulative				Speed	D.W.T.
1945	0.2	3,300	5.0%	5.0%	1	3,160	4,200	10.00	4,200
1938	0.1	1,700	2.5	7.5	1	2,815	3,100	11.00	3,100
1929	0.5	8,400	12.5	20.0	3	9,138	12,600	10.17	4,200
1928	0.9	15,100	22.5	42.5	6	17,070	23,100	9.29	3,850
1927	1.1	18,400	27.5	70.0	8	20,450	26,600	9.86	3,325
1926	0.4	6,700	10.0	80.0	3	6,716	9,900	9.50	3,300
1918	0.4	6,700	10.0	90.0	1	5,580	8,600	11.00	8,600
1913	0.3	5,000	7.5	97.5	1	4,323	6,900	10.50	6,900
1901	0.1	1,700	2.5	100.0	1	2,840	4,300	8.50	4,300
Total	4.0	67,000	100.0		25	72,092	99,300	9.86	3,972

TABLE II-c
UNITED STATES PRIVATE - TANK SHIP FLEET
ACTUAL AND T2-SE-A1 EQUIVALENT
NUMBER AND TONNAGES OF FLEET ON MARCH 1, 1947 BY CONSTRUCTION YEAR

Year	T2-SE-A1 Equivalent				March 1, 1947				
	No.	D.W.T.	Per Cent of Total Flag		No.	Gross	D.W.T.	Average	
			Total	Cumulative				Speed	D.W.T.
1946	1.5	25,200	0.6%	0.6%	2	16,978	25,400	14.00	12,700
1945	30.2	506,300	13.2	13.8	30	304,993	396,100	14.81	16,537
1944	36.8	617,000	16.1	29.9	36	376,036	604,300	14.82	16,786
1943	44.7	749,400	19.5	49.4	44	449,790	724,200	15.02	16,459
1942	30.6	513,000	13.4	62.8	31	309,397	499,100	14.94	16,100
1941	8.4	140,800	3.7	66.5	11	97,337	157,600	13.01	14,327
1940	7.5	125,700	3.3	69.8	9	82,294	136,600	13.44	15,178
1939	2.7	45,300	1.2	71.0	3	29,902	49,400	13.29	16,467
1938	6.3	105,600	2.7	73.7	8	70,183	115,300	13.25	14,412
1937	8.5	142,500	3.7	77.4	12	98,141	159,000	12.99	13,250
1936	3.0	50,300	1.3	78.7	4	34,326	56,800	12.77	14,200
1935	1.6	26,800	0.7	79.4	2	19,022	29,800	12.88	14,900
1931	2.2	36,900	1.0	80.4	3	26,648	45,900	11.83	15,300
1930	6.1	102,300	2.7	83.1	8	77,780	132,300	11.25	16,538
1929	0.7	11,700	0.3	83.4	1	9,096	15,200	11.50	15,200
1928	2.9	48,600	1.3	84.7	4	39,653	65,600	10.69	16,400
1927	1.5	25,200	0.6	85.3	2	21,569	34,900	10.77	17,450
1926	0.7	11,700	0.3	85.6	1	8,916	15,300	10.50	15,300
1924	0.4	6,700	0.2	85.8	1	6,746	10,500	10.50	10,500
1923	1.2	20,100	0.5	86.3	2	15,513	24,900	11.79	12,450
1922	0.6	10,100	0.3	86.6	1	8,964	14,400	10.50	14,400
1921	10.9	182,700	4.8	91.4	21	158,360	253,900	10.45	12,090
1920	8.1	135,800	3.5	94.9	19	120,832	189,000	10.50	9,947
1919	4.2	70,400	1.8	96.7	10	63,744	99,400	10.31	9,940
1918	2.7	45,300	1.2	97.9	5	35,916	58,900	11.24	11,780
1917	2.5	41,900	1.1	99.0	5	33,231	57,800	10.53	11,560
1916	1.4	23,500	0.6	99.6	3	19,576	31,500	11.11	10,500
1915	0.4	6,700	0.2	99.8	1	6,197	9,100	10.00	9,100
1913	0.3	5,000	0.1	99.9	1	5,125	7,900	9.50	7,900
1912	0.3	5,000	0.1	100.0	1	4,779	7,400	9.50	7,400
Total	228.9	3,837,500	100.0		281	2,551,044	4,127,500	13.51	14,689

TABLE III
 PANAMA - TANK SHIP FLEET
 ACTUAL AND T2-SE-A1 EQUIVALENT
 NUMBER AND TONNAGES OF FLEET ON MARCH 1, 1947 BY CONSTRUCTION YEAR

Year	T2-SE-A1 Equivalent				March 1, 1947				
	No.	D.W.T.	Per Cent of Total Flag		No.	Gross	D.W.T.	Average	
			Total	Cumulative				Speed	D.W.T.
1945	4.6	77,100	10.2%	10.2%	8	53,127	85,400	13.24	10,675
1944	5.0	83,800	11.0	21.2	5	51,138	83,100	14.70	16,620
1943	1.4	23,500	3.1	24.3	6	20,406	34,200	10.00	5,700
1941	2.2	36,900	4.9	29.2	3	27,598	45,800	11.90	15,267
1939	1.5	25,100	3.3	32.5	2	19,745	30,900	11.78	15,450
1938	1.6	26,800	3.5	36.0	3	22,263	33,200	11.62	11,067
1937	1.3	21,800	2.9	38.9	3	18,791	27,600	11.67	9,200
1936	1.3	21,800	2.9	41.8	2	17,169	26,600	12.33	13,300
1934	0.5	8,400	1.1	42.9	1	6,772	9,800	12.00	9,800
1933	0.9	15,100	2.0	44.9	1	11,191	18,000	12.00	18,000
1932	0.9	15,100	2.0	46.9	1	11,194	18,100	12.00	18,100
1931	1.3	21,800	2.9	49.8	2	18,070	28,800	10.63	14,400
1930	3.8	63,700	8.4	58.2	5	46,803	75,900	12.03	15,180
1929	1.3	21,800	2.9	61.1	2	19,679	28,900	10.55	14,450
1928	0.8	13,400	1.8	62.9	2	11,853	18,400	10.04	9,200
1926	0.5	8,400	1.1	64.0	1	8,530	12,800	10.25	12,800
1925	0.5	8,400	1.1	65.1	1	8,917	12,400	10.50	12,400
1923	1.1	18,400	2.4	67.5	2	17,752	26,700	10.37	13,350
1922	1.0	16,800	2.2	69.7	2	14,244	21,800	10.75	10,900
1921	2.3	38,500	5.1	74.8	5	35,062	54,200	10.32	10,840
1920	2.4	40,200	5.3	80.1	5	36,343	56,300	10.29	11,260
1919	2.2	36,900	4.9	85.0	5	32,133	51,800	10.42	10,360
1918	0.9	15,100	2.0	87.0	2	14,408	20,200	10.21	10,100
1917	1.8	30,200	4.0	91.0	5	28,330	44,300	9.86	8,860
1916	1.3	21,800	2.9	93.9	3	19,696	31,500	10.10	10,500
1915	0.4	6,700	0.9	94.8	1	7,153	11,700	9.00	11,700
1914	1.1	18,400	2.4	97.2	2	14,223	24,500	10.95	12,250
1912	0.4	6,700	0.9	98.1	2	7,965	10,400	10.01	5,200
1908	0.3	5,000	0.7	98.8	1	5,169	7,700	10.00	7,700
1904	0.2	3,400	0.4	99.2	1	4,188	5,900	9.25	5,900
1901	0.2	3,400	0.4	99.6	1	2,849	4,000	9.00	4,000
1892	0.2	3,400	0.4	100.0	1	2,953	4,500	11.00	4,500
Total	45.2	757,800	100.0		86	615,764	965,400	11.40	11,226

TABLE IV
 ARGENTINA - TANK SHIP FLEET
 ACTUAL AND T2-SE-A1 EQUIVALENT
 NUMBER AND TONNAGES OF FLEET ON MARCH 1, 1947 BY CONSTRUCTION YEAR

Year	T2-SE-A1 Equivalent				March 1, 1947				
	No.	D.W.T.	Per Cent of Total Flag		No.	Gross	D.W.T.	Average	
			Total	Cumulative				Speed	D.W.T.
1945	1.0	16,800	8.6%	8.6%	1	11,163	17,300	14.00	17,300
1944	1.0	16,800	8.6	17.2	1	11,106	17,500	14.00	17,500
1938	0.7	11,700	6.0	23.2	1	10,006	11,600	15.75	11,600
1937	0.2	3,300	1.7	24.9	1	2,460	4,800	12.00	4,800
1935	0.6	10,200	5.2	30.1	1	9,503	11,100	13.00	11,100
1928	1.6	26,800	13.7	43.8	4	24,917	34,500	11.54	8,625
1927	0.6	10,100	5.1	48.9	1	8,196	10,900	10.50	10,900
1926	0.5	8,400	4.3	53.2	1	8,868	11,300	12.00	11,300
1925	0.5	8,400	4.3	57.5	1	6,948	10,100	11.00	10,100
1924	0.8	13,400	6.8	64.3	2	14,141	19,400	10.27	9,700
1923	0.7	11,700	6.0	70.3	2	10,112	15,700	10.43	7,850
1922	0.3	5,000	2.5	72.8	1	5,807	7,900	9.00	7,900
1921	0.6	10,100	5.1	77.9	2	10,057	15,200	10.00	7,600
1920	0.7	11,700	6.0	83.9	2	11,340	16,600	9.82	8,300
1918	0.3	5,000	2.5	86.4	1	4,723	7,300	9.50	7,300
1917	0.6	10,100	5.1	91.5	2	8,552	13,500	10.30	6,750
1912	0.3	5,000	2.5	94.0	1	5,573	8,300	9.50	8,300
1897	0.7	11,700	6.0	100.0	2	11,501	14,200	11.56	7,100
Total	11.7	196,200	100.0		27	174,973	247,200	11.46	9,156

TABLE V
 BRAZIL - TANK SHIP FLEET
 ACTUAL AND T2-SE-A1 EQUIVALENT
 NUMBER AND TONNAGES OF FLEET ON MARCH 1, 1947 BY CONSTRUCTION YEAR

Year	T2-SE-A1 Equivalent				March 1, 1947				
	No.	D.W.T.	Per Cent of Total Flag		No.	Gross	D.W.T.	Average	
			Total	Cumulative				Speed	D.W.T.
1943	0.5	8,400	27.8%	27.8%	1	7,243	9,800	11.00	9,800
1924	0.3	5,000	16.6	44.4	1	5,553	8,400	10.00	8,400
1921	0.2	3,400	11.3	55.7	1	4,469	6,300	9.00	6,300
1916	0.8	13,400	44.3	100.0	2	12,918	19,500	10.28	9,750
Total	1.8	30,200	100.0		5	30,183	44,000	10.21	8,800

TABLE VI
CHILE - TANK SHIP FLEET
ACTUAL AND T2-SE-A1 EQUIVALENT
NUMBER AND TONNAGES OF FLEET ON MARCH 1, 1947 BY CONSTRUCTION YEAR

Year	T2-SE-A1 Equivalent				March 1, 1947				
	No.	D. W. T.	Per Cent of Total Flag		No.	Gross	D. W. T.	Average	
			Total	Cumulative				Speed	D.W.T.
1930	0.2	3,400	50.7%	50.7%	1	3,936	4,800	11.0	4,800
1929	0.2	3,300	49.3	100.0	1	3,650	4,800	11.0	4,800
Total	0.4	6,700	100.0		2	7,586	9,600	11.0	4,800

TABLE VII
HONDURAS - TANK SHIP FLEET
ACTUAL AND T2-SE-A1 EQUIVALENT
NUMBER AND TONNAGES OF FLEET ON MARCH 1, 1947 BY CONSTRUCTION YEAR

Year	T2-SE-A1 Equivalent				March 1, 1947				
	No.	D.W.T.	Per Cent of Total Flag		No.	Gross	D.W.T.	Average	
			Total	Cumulative				Speed	D.W.T.
1939	0.6	10,100	60.1%	60.1%	1	7,623	11,100	12.00	11,100
1921	0.4	6,700	39.9	100.0	1	6,448	9,900	10.50	9,900
Total	1.0	16,800	100.0		2	14,071	21,000	11.29	10,500

TABLE VIII
MEXICO - TANK SHIP FLEET
ACTUAL AND T2-SE-A1 EQUIVALENT
NUMBER AND TONNAGES OF FLEET ON MARCH 1, 1947 BY CONSTRUCTION YEAR

Year	T2-SE-A1 Equivalent				March 1, 1947				
	No.	D.W.T.	Per Cent of Total Flag		No.	Gross	D.W.T.	Average	
			Total	Cumulative				Speed	D.W.T.
1938	0.6	10,000	12.2%	12.2%	1	7,884	12,300	13.00	12,300
1930	0.4	6,700	8.2	20.4	1	6,089	9,400	10.75	9,400
1928	0.4	6,700	8.2	28.6	1	5,873	9,300	10.25	9,300
1926	0.4	6,700	8.2	36.8	1	6,963	10,000	10.00	10,000
1923	0.5	8,400	10.2	47.0	1	7,011	10,700	10.50	10,700
1920	0.5	8,400	10.2	57.2	1	6,735	11,200	10.50	11,200
1919	0.5	8,400	10.2	67.4	1	6,913	10,700	10.50	10,700
1916	0.6	10,100	12.3	79.7	2	10,014	15,600	9.50	7,800
1914	0.6	10,000	12.2	91.9	2	10,202	15,700	10.19	7,850
1913	0.4	6,700	8.1	100.0	1	6,438	9,700	10.00	9,700
Total	4.9	82,100	100.0		12	74,122	114,600	10.50	9,550

TABLE IX
 PERU - TANK SHIP FLEET
 ACTUAL AND T2-SE-A1 EQUIVALENT
 NUMBER AND TONNAGES OF FLEET ON MARCH 1, 1947 BY CONSTRUCTION YEAR

Year	No.	D.W.T.	Per Cent of Total Flag		No.	Gross	D.W.T.	Average	
			Total	Cumulative				Speed	D.W.T.
			1921	0.2					

TABLE X
URGUAY - TANK SHIP FLEET
ACTUAL AND T2-SE-A1 EQUIVALENT
NUMBER AND TONNAGES OF FLEET ON MARCH 1, 1947 BY CONSTRUCTION YEAR

Year	T2-SE-A1 Equivalent				March 1, 1947				
	No.	D.W.T.	Per Cent of Total Flag		No.	Gross	D.W.T.	Average	
			Total	Cumulative				Speed	D.W.T.
1945	1.0	16,800	100.0%	100.0%	1	10,296	16,800	14.50	16,800

TABLE XI
 VENEZUELA - TANK SHIP FLEET
 ACTUAL AND T2-SE-A1 EQUIVALENT
 NUMBER AND TONNAGES OF FLEET ON MARCH 1, 1947 BY CONSTRUCTION YEAR

Year	T2-SE-A1 Equivalent				March 1, 1947				
	No.	D.W.T.	Per Cent of Total Flag		No.	Gross	D.W.T.	Average	
			Total	Cumulative				Speed	D.W.T.
1945	0.2	3,300	5.0%	5.0%	1	3,160	4,200	10.00	4,200
1938	0.1	1,700	2.5	7.5	1	2,815	3,100	11.00	3,100
1929	0.5	8,400	12.5	20.0	3	9,138	12,600	10.17	4,200
1928	0.9	15,100	22.5	42.5	6	17,070	23,100	9.29	3,850
1927	1.1	18,400	27.5	70.0	8	20,450	26,600	9.86	3,325
1926	0.4	6,700	10.0	80.0	3	6,716	9,900	9.50	3,300
1918	0.4	6,700	10.0	90.0	1	5,580	8,600	11.00	8,600
1913	0.3	5,000	7.5	97.5	1	4,323	6,900	10.50	6,900
1901	0.1	1,700	2.5	100.0	1	2,840	4,300	8.50	4,300
Total	4.0	67,000	100.0		25	72,092	99,300	9.86	3,972

TABLE XII
 GREAT BRITAIN - TANK SHIP FLEET
 ACTUAL AND T2-SE-A1 EQUIVALENT
 NUMBER AND TONNAGES OF FLEET ON MARCH 1, 1947 BY CONSTRUCTION YEAR

Year	T2-SE-A1 Equivalent				March 1, 1947				
	No.	D.W.T.	Per Cent of Total Flag		No.	Gross	D.W.T.	Average	
			Total	Cumulative				Speed	D.W.T.
1947	1.0	16,800	0.5%	0.5%	2	14,958	21,300	11.50	10,650
1946	22.1	370,500	10.3	10.8	35	292,577	420,200	12.77	12,006
1945	13.2	221,300	6.2	17.0	22	172,227	249,200	12.87	11,327
1944	26.2	439,300	12.2	29.2	42	310,411	466,200	13.68	11,100
1943	13.8	231,400	6.4	35.6	25	205,032	289,000	11.65	11,560
1942	16.5	276,600	7.7	43.3	28	238,779	347,900	11.58	12,425
1941	10.7	179,400	5.0	48.3	21	155,575	224,300	11.61	10,681
1940	2.0	33,500	0.9	49.2	3	26,589	40,600	12.19	13,533
1939	8.7	145,900	4.1	53.3	14	118,047	174,200	12.13	12,443
1938	9.1	152,600	4.2	57.5	16	126,846	184,700	11.97	11,544
1937	12.9	216,300	6.0	63.5	21	182,688	263,700	11.92	12,557
1936	8.3	139,100	3.9	67.4	15	113,301	168,100	12.04	11,207
1935	6.2	103,900	2.9	70.3	12	96,223	129,700	11.70	10,808
1934	0.2	3,300	0.1	70.4	1	4,085	5,400	10.00	5,400
1933	2.7	45,300	1.3	71.7	3	36,922	54,000	12.00	18,000
1932	1.3	21,800	0.6	72.3	2	18,617	28,400	11.45	14,200
1931	5.4	90,500	2.5	74.8	11	80,968	124,000	10.78	11,273
1930	2.7	45,300	1.3	76.1	5	39,546	61,800	10.77	12,360
1929	4.1	68,700	1.9	78.0	8	58,300	90,100	11.12	11,263
1928	6.3	105,600	2.9	80.9	16	98,119	149,500	10.29	9,344
1927	7.3	122,400	3.4	84.3	18	112,923	170,700	10.44	9,483

TABLE XII (Continued)
 GREAT BRITAIN - TANK SHIP FLEET
 ACTUAL AND T2-SE-A1 EQUIVALENT
 NUMBER AND TONNAGES OF FLEET ON MARCH 1, 1947 BY CONSTRUCTION YEAR

Year	T2-SE-A1 Equivalent				March 1, 1947				
	No.	D.W.T.	Per Cent of Total Flag		No.	Gross	D.W.T.	Average	
			Total	Cumulative				Speed	D.W.T.
1926	2.1	35,200	1.0%	85.3%	5	34,332	50,400	10.37	10,080
1925	1.7	28,500	0.8	86.1	6	28,092	40,300	10.47	6,717
1924	1.3	21,800	0.6	86.7	3	19,911	31,200	10.00	10,400
1923	2.6	43,600	1.2	87.9	6	39,682	62,200	10.00	10,367
1922	3.3	55,300	1.5	89.4	8	52,382	79,000	10.15	9,875
1921	3.5	58,700	1.6	91.0	7	56,969	86,300	9.93	12,329
1920	2.7	45,300	1.3	92.3	8	43,303	66,300	9.84	8,288
1919	2.3	38,600	1.1	93.4	6	36,997	56,600	9.94	9,433
1918	3.6	60,400	1.7	95.1	11	59,308	88,200	9.95	8,018
1917	4.0	67,100	1.9	97.0	15	66,186	83,200	11.84	5,547
1916	0.6	10,000	0.3	97.3	4	11,383	15,100	9.13	3,775
1914	2.1	35,200	1.0	98.3	6	34,117	50,300	10.12	8,383
1913	1.5	25,200	0.7	99.0	5	24,184	36,600	9.73	7,320
1912	0.4	6,600	0.2	99.2	2	6,456	10,600	8.49	5,300
1909	0.3	5,000	0.1	99.3	1	4,986	7,400	10.00	7,400
1907	0.5	8,400	0.2	99.5	1	8,937	11,900	9.25	11,900
1906	0.3	5,000	0.1	99.6	1	6,261	7,600	10.00	7,600
1905	0.3	5,000	0.1	99.7	1	4,769	6,700	10.00	6,700
1900	0.3	5,000	0.1	99.8	1	7,022	7,700	9.00	7,700
1897	0.4	6,700	0.2	100.0	1	8,040	8,600	12.00	8,600
Total	214.5	3,596,100	100.0		418	3,056,050	4,469,200	11.69	10,692

TABLE XIII
 NORWAY - TANK SHIP FLEET
 ACTUAL AND T2-SE-A1 EQUIVALENT
 NUMBER AND TONNAGES OF FLEET ON MARCH 1, 1947 BY CONSTRUCTION YEAR

Year	T2-SE-A1 Equivalent				March 1, 1947				
	No.	D.W.T.	Per Cent of Total Flag		No.	Gross	D.W.T.	Average	
			Total	Cumulative				Speed	D.W.T.
1947	0.9	15,100	0.8%	0.8%	1	10,000	15,700	14.00	15,700
1946	0.8	13,400	0.7	1.5	2	10,942	14,800	13.50	7,400
1945	15.5	259,900	13.0	14.5	18	175,510	274,800	13.72	15,267
1944	5.7	95,600	4.8	19.3	8	69,920	105,100	13.19	13,138
1943	1.3	21,800	1.1	20.4	3	21,749	29,400	11.00	9,800
1942	3.7	62,00	3.1	23.5	5	46,180	66,700	13.53	13,340
1941	3.5	58,700	2.9	26.4	5	46,162	68,500	12.38	13,700
1940	4.9	82,100	4.1	30.5	6	58,900	88,600	13.40	14,767
1939	11.0	184,500	9.2	39.7	15	138,333	209,200	12.84	13,947
1938	3.7	62,000	3.1	42.8	5	46,476	71,900	12.70	14,380
1937	10.0	167,700	8.4	51.2	13	129,698	196,400	12.40	15,108
1936	5.2	87,200	4.3	55.5	7	66,196	101,200	12.58	14,457
1935	7.2	120,700	6.0	61.5	11	96,847	149,200	11.73	13,564
1934	2.1	35,200	1.8	63.3	4	29,451	44,700	11.38	11,175
1933	0.7	11,700	0.6	63.9	1	8,721	13,600	12.50	13,600
1932	1.3	21,800	1.1	65.0	3	19,033	29,000	10.68	9,667
1931	12.0	201,200	10.0	75.0	21	167,657	255,800	11.39	12,181
1930	11.0	184,500	9.2	84.2	20	156,263	238,800	11.27	11,940
1929	2.8	46,900	2.3	86.5	7	39,716	61,300	11.33	8,757
1928	5.5	92,200	4.6	91.1	10	79,552	120,100	11.07	12,010
1927	2.6	43,600	2.2	93.3	6	39,253	58,500	10.93	9,750
1926	0.4	6,700	0.3	93.6	1	5,923	8,700	10.00	8,700
1925	1.1	18,400	0.9	94.5	2	16,639	25,200	10.78	12,600
1922	0.4	6,700	0.3	94.8	1	7,417	11,000	9.50	11,000
1921	1.2	20,100	1.0	95.8	4	20,238	30,300	9.86	7,575
1920	0.2	3,400	0.2	96.0	1	3,160	4,800	8.50	4,800
1918	0.8	13,400	0.7	96.7	2	12,249	18,900	10.14	9,450
1917	0.3	5,000	0.2	96.9	1	4,908	7,000	10.00	7,000
1916	0.3	5,000	0.2	97.1	1	5,069	7,200	10.50	7,200
1914	0.7	11,700	0.6	97.7	1	12,215	16,100	10.00	16,100
1913	1.2	20,100	1.0	98.7	2	20,808	28,300	10.00	14,150
1910	0.3	5,000	0.2	98.9	1	5,237	8,100	9.50	8,100
1905	0.5	8,400	0.3	99.2	1	7,920	11,500	11.00	11,500
1901	0.8	13,400	0.7	99.9	1	12,083	16,100	12.00	16,100
1893	0.1	1,700	0.1	100.0	1	2,671	4,000	9.00	4,000
Total	119.7	2,006,800	100.0		191	1,593,096	2,410,500	12.10	12,620

TABLE XIV
 NETHERLANDS - TANK SHIP FLEET
 ACTUAL AND T2-SE-A1 EQUIVALENT
 NUMBER AND TONNAGES OF FLEET ON MARCH 1, 1947 BY CONSTRUCTION YEAR

Year	T2-SE-A1 Equivalent				March 1, 1947				
	No.	D.W.T.	Per Cent of Total Flag		No.	Gross	D.W.T.	Average	
			Total	Cumulative				Speed	D.W.T.
1946	1.2	20,100	4.7%	4.7%	4	19,989	25,200	12.00	6,300
1945	0.2	3,300	0.7	5.4	1	3,235	4,200	10.10	4,200
1944	1.0	16,800	3.9	9.3	1	10,296	16,300	14.50	16,300
1942	0.6	10,100	2.4	11.7	1	8,194	12,000	11.50	12,000
1940	0.8	13,400	3.1	14.8	1	10,954	15,500	12.00	15,500
1939	5.3	88,800	20.8	35.6	10	76,138	108,400	11.96	10,840
1938	3.3	55,300	13.0	48.6	8	47,661	68,500	11.78	8,563
1937	1.1	18,400	4.3	52.9	4	17,669	24,000	11.25	6,000
1936	2.3	38,600	9.0	61.9	6	33,085	47,500	11.66	7,917
1935	2.1	35,200	8.2	70.1	5	30,329	44,600	11.22	8,920
1932	0.5	8,400	2.0	72.1	1	8,245	12,700	10.50	12,700
1931	2.5	41,900	9.8	81.9	5	37,414	55,600	10.86	11,120
1929	0.5	8,400	2.0	83.9	1	7,991	11,500	10.50	11,500
1928	0.5	8,400	2.0	85.9	3	9,685	12,400	9.69	4,133
1927	1.2	20,100	4.7	90.6	7	24,149	31,100	9.58	4,443
1926	0.3	5,000	1.2	91.8	3	7,807	9,800	8.50	3,267
1925	1.0	16,800	3.9	95.7	7	21,205	27,100	9.36	3,871
1924	0.8	13,400	3.1	98.8	7	18,935	22,700	8.64	3,243
1923	0.1	1,700	0.4	99.2	1	2,042	2,500	8.50	2,500
1914	0.2	3,400	0.8	100.0	1	3,768	5,500	9.00	5,500
Total	25.5	427,500	100.0		77	398,791	557,100	11.15	7,235

TABLE XV
FRANCE - TANK SHIP FLEET
ACTUAL AND T2-SE-A1 EQUIVALENT
NUMBER AND TONNAGES OF FLEET ON MARCH 1, 1947 BY CONSTRUCTION YEAR

Year	T2-SE-A1 Equivalent				March 1, 1947				
	No.	D.W.T.	Per Cent of Total Flag		No.	Gross	D.W.T.	Average	
			Total	Cumulative				Speed	D.W.T.
1944	1.0	16,800	7.9%	7.9%	2	15,463	21,800	11.55	10,900
1943	1.0	16,800	7.9	15.8	2	14,336	20,000	11.73	10,000
1941	0.8	13,400	6.3	22.1	1	10,766	14,300	13.50	14,300
1940	1.1	18,400	8.7	30.8	1	14,120	21,300	13.00	21,300
1939	0.1	1,700	0.8	31.6	1	2,034	2,700	10.00	2,700
1937	1.5	25,100	11.8	43.4	2	18,869	29,600	12.25	14,800
1936	0.8	13,400	6.3	49.7	1	9,386	14,700	12.00	14,700
1934	0.5	8,400	3.9	53.6	1	6,588	9,900	11.50	9,900
1930	1.1	18,500	8.7	62.3	2	14,948	23,900	11.02	11,950
1929	2.0	33,500	15.7	78.0	4	30,717	46,000	10.68	11,500
1928	1.3	21,800	10.2	88.2	3	19,526	28,900	10.84	9,633
1922	1.1	18,400	8.6	96.8	3	18,473	27,400	10.17	9,133
1921	0.4	6,700	3.2	100.0	1	6,587	9,400	10.50	9,400
Total	12.7	212,900	100.0		24	181,813	269,900	11.42	11,246

TABLE XVI
 UNION OF SOVIET SOCIALIST REPUBLICS - TANK SHIP FLEET
 ACTUAL AND T2-SE-A1 EQUIVALENT
 NUMBER AND TONNAGES OF FLEET ON MARCH 1, 1947 BY CONSTRUCTION YEAR

Year	T2-SE-A1 Equivalent				March 1, 1947				
	No.	D.W.T.	Per Cent of Total Flag		No.	Gross	D.W.T.	Average	
			Total	Cumulative				Speed	D.W.T.
1944	0.1	1,700	1.4%	1.4%	1	2,299	3,500	10.00	3,500
1940	0.2	3,300	2.7	4.1	1	2,579	4,500	12.00	4,500
1934	0.5	8,400	6.8	10.9	1	7,596	10,000	12.00	10,000
1932	1.4	23,500	18.9	29.8	3	20,011	29,500	11.84	9,833
1931	1.0	16,800	13.5	43.3	2	12,210	19,800	12.00	9,900
1930	1.0	16,800	13.5	56.8	2	15,198	23,000	10.50	11,500
1929	1.0	16,800	13.5	70.3	1	12,639	19,700	12.00	19,700
1927	1.1	18,400	14.8	85.1	3	17,943	25,200	10.11	8,400
1923	0.2	3,400	2.7	87.8	1	3,781	5,400	10.00	5,400
1921	0.5	8,400	6.8	94.6	1	7,061	11,800	10.00	11,800
1914	0.2	3,300	2.7	97.3	1	4,629	7,900	7.00	7,900
1899	0.2	3,300	2.7	100.0	1	3,741	5,700	9.00	5,700
Total	7.4	124,100	100.0		18	109,687	166,000	10.89	9,222

TABLE XVII
GERMANY - TANK SHIP FLEET
ACTUAL AND T2-SE-A1 EQUIVALENT
NUMBER AND TONNAGES OF FLEET ON MARCH 1, 1947 BY CONSTRUCTION YEAR

Year	T2-SE-A1 Equivalent				March 1, 1947				
	No.	D.W.T.	Per Cent of Total Flag		No.	Gross	D.W.T.	Average	
			Total	Cumulative				Speed	D.W.T.
1943	0.5	8,400	16.2%	16.2%	1	6,135	9,200	12.00	9,200
1940	1.3	21,800	41.9	58.1	1	12,000	18,000	18.00	18,000
1930	0.4	6,700	12.9	71.0	1	6,094	9,700	11.00	9,700
1926	0.6	10,100	19.4	90.4	1	8,998	13,500	10.00	13,500
1916	0.3	5,000	9.6	100.0	1	5,897	9,200	9.00	9,200
Total	3.1	52,000	100.0		5	39,124	59,600	12.73	11,920

TABLE XVIII
 ITALY - TANK SHIP FLEET
 ACTUAL AND T2-SE-A1 EQUIVALENT
 NUMBER AND TONNAGES OF FLEET ON MARCH 1, 1947 BY CONSTRUCTION YEAR

Year	T2-SE-A1 Equivalent				March 1, 1948				
	No.	D.W.T.	Per Cent of Total Flag		No.	Gross	D.W.T.	Average	
			Total	Cumulative				Speed	D.W.T.
1947	1.4	23,500	13.5%	13.5%	3	17,900	24,000	14.09	8,000
1946	1.1	18,500	10.6	24.1	2	12,940	18,000	14.88	9,000
1943	0.5	8,400	4.8	28.9	1	8,201	10,600	12.00	10,600
1942	0.8	13,400	7.7	36.6	1	10,495	15,200	13.00	15,200
1938	0.7	11,700	6.7	43.3	1	7,886	12,300	13.00	12,300
1927	0.3	5,000	2.9	46.2	1	5,484	7,700	10.50	7,700
1924	0.3	5,000	2.9	49.1	1	6,077	7,800	10.00	7,800
1923	0.3	5,000	2.9	52.0	1	5,512	7,700	10.00	7,700
1922	0.7	11,700	6.7	58.7	2	12,347	17,600	9.87	8,800
1921	0.4	6,700	3.8	62.5	1	7,343	11,000	9.50	11,000
1920	0.4	6,700	3.8	66.3	1	7,248	10,900	9.50	10,900
1917	0.4	6,700	3.8	70.1	1	6,161	10,000	10.50	10,000
1916	0.3	5,000	2.9	73.0	1	5,088	7,200	10.00	7,200
1914	0.4	6,700	3.8	76.8	1	6,968	10,400	9.50	10,400
1913	0.7	11,700	6.7	83.5	2	10,994	16,100	9.87	8,050
1912	0.4	6,700	3.8	87.3	1	6,613	10,300	10.00	10,300
1908	0.6	10,100	5.8	93.1	2	9,630	13,700	10.00	6,850
1906	0.3	5,000	2.9	96.0	1	4,610	6,500	9.50	6,500
1894	0.2	3,400	2.0	98.0	1	3,698	5,400	9.00	5,400
1893	0.2	3,400	2.0	100.0	1	3,356	5,200	9.00	5,200
Total	10.4	174,300	100.0		26	158,551	227,600	11.16	8,754

TABLE XIX
 SWEDEN - TANK SHIP FLEET
 ACTUAL AND T"-SE-A1 EQUIVALENT
 NUMBER AND TONNAGES OF FLEET ON MARCH 1, 1947 BY CONSTRUCTION YEAR

Year	T2-SE-A1 Equivalent				March 1, 1947				
	No.	D.W.T.	Per Cent of Total Flag		No.	Gross	D.W.T.	Average	
			Total	Cumulative				Speed	D.W.T.
1947	0.7	11,800	2.7%	2.7%	1	8,440	12,600	13.00	12,600
1946	3.3	55,300	12.5	15.2	4	38,226	57,300	14.04	14,325
1945	2.7	45,300	10.2	25.4	4	33,743	50,900	13.00	12,725
1944	5.0	83,800	18.9	44.3	6	57,949	87,000	13.98	14,500
1943	1.8	30,200	6.8	51.1	2	19,655	30,800	14.06	15,400
1942	1.6	26,800	6.1	57.2	2	18,792	29,100	13.85	14,550
1941	2.0	33,500	7.6	64.8	2	20,468	33,000	14.50	16,500
1940	0.9	15,100	3.4	68.2	1	9,965	15,300	14.00	15,300
1939	2.4	40,200	9.1	77.3	3	29,162	43,900	13.42	14,633
1938	2.3	38,600	8.7	86.0	3	28,283	43,300	12.85	14,433
1936	0.8	13,400	3.0	89.0	1	9,959	14,800	13.00	14,800
1933	0.5	8,400	1.9	90.9	1	6,627	10,200	11.50	10,200
1931	0.4	6,700	1.5	92.4	1	6,303	9,900	11.00	9,900
1930	0.7	11,700	2.7	95.1	1	9,683	14,600	11.50	14,600
1929	0.5	8,400	1.9	97.0	1	8,036	11,900	11.50	11,900
1926	0.4	6,700	1.5	98.5	1	5,542	8,400	11.00	8,400
1922	0.4	6,700	1.5	100.0	1	5,468	8,300	11.50	8,300
Total	26.4	442,600	100.0		35	316,301	481,300	13.36	13,751

TABLE XX
 BELGIUM - TANK SHIP FLEET
 ACTUAL AND T2-SE-A1 EQUIVALENT
 NUMBER AND TONNAGES OF FLEET ON MARCH 1, 1947 BY CONSTRUCTION YEAR

Year	T2-SE-A1 Equivalent				March 1, 1947				
	No.	D.W.T.			No.	Gross	D.W.T.	Average	
			Total	Cumulative				Speed	D.W.T.
1937	0.7	11,700	24.1%	24.1%	1	10,568	15,300	11.50	15,300
1930	0.4	6,700	13.8	37.9	1	6,429	8,900	12.00	8,900
1928	0.7	11,700	24.1	62.0	2	11,432	15,800	11.12	7,900
1926	0.6	10,100	20.8	82.8	1	8,426	13,100	10.25	13,100
1920	0.5	8,400	17.2	100.0	1	6,322	10,400	10.50	10,400
Total	2.9	48,600	100.0		6	43,177	63,500	11.05	10,583

TABLE XXI
DENMARK - TANK SHIP FLEET
ACTUAL AND T2-SE-A1 EQUIVALENT
NUMBER AND TONNAGES OF FLEET ON MARCH 1, 1947 BY CONSTRUCTION YEAR

Year	No.	D.W.T.			No.	Gross	D.W.T.	Average	
			Total	Cumulative				Speed	D.W.T.
			1945	2.4				40,200	36.9%
1944	0.9	15,100	13.9	50.8	1	10,043	16,200	13.25	16,200
1939	0.7	11,700	10.7	61.5	1	9,397	14,600	11.75	14,600
1930	0.4	6,700	6.1	67.6	1	6,184	9,600	11.00	9,600
1928	1.0	16,800	15.4	83.0	2	14,000	22,200	10.69	11,100
1927	0.6	10,100	9.3	92.3	1	9,119	14,000	11.00	14,000
1918	0.5	8,400	7.7	100.0	1	8,571	12,800	10.00	12,800
Total	6.5	109,000	100.0		10	87,412	135,000	11.80	13,500

TABLE XXII
 GREECE - TANK SHIP FLEET
 ACTUAL AND T2-SE-A1 EQUIVALENT
 NUMBER AND TONNAGES OF FLEET ON MARCH 1, 1947 BY CONSTRUCTION YEAR

Year	T2-SE-A1 Equivalent				March 1, 1947				
	No.	D.W.T.	Per Cent of Total Flag		No.	Gross	D.W.T.	Average	
			Total	Cumulative				Speed	D.W.T.
1927	0.4	6,700	36.4%	36.4%	1	5,525	9,300	10.50	9,300
1918	0.3	5,000	27.2	63.6	1	5,532	8,300	10.00	8,300
1903	0.3	5,000	27.2	90.8	1	4,634	6,800	10.00	6,800
1887	0.1	1,700	9.2	100.0	1	2,398	3,000	7.50	3,000
Total	1.1	18,400	100.0		4	18,089	27,400	9.90	6,850

TABLE XXIII
 PORTUGAL - TANK SHIP FLEET
 ACTUAL AND T2-SE-A1 EQUIVALENT
 NUMBER AND TONNAGES OF FLEET ON MARCH 1, 1947 BY CONSTRUCTION YEAR

Year	No.	D.W.T.	Per Cent of Total Flag		No.	Gross	D.W.T.	Average	
			Total	Cumulative				Speed	D.W.T.
			1943	0.7				11,800	32.0%
1942	0.3	5,000	13.5	45.5	1	3,533	5,700	12.00	5,700
1940	0.3	5,000	13.5	59.0	1	3,856	5,900	11.00	5,900
1931	0.6	10,100	27.4	86.4	1	8,249	12,300	11.50	12,300
1914	0.3	5,000	13.6	100.0	1	5,009	7,300	10.00	7,300
Total	2.2	36,900	100.0		5	29,195	44,600	11.85	8,920

TABLE XXIV
 SPAIN - TANK SHIP FLEET
 ACTUAL AND T2-SE-A1 EQUIVALENT
 NUMBER AND TONNAGES OF FLEET ON MARCH 1, 1947 BY CONSTRUCTION YEAR

Year	T2-SE-A1 Equivalent				March 1, 1947				
	No.	D.W.T.			No.	Gross	D.W.T.		
			Total	Cumulative				Speed	D.W.T.
1945	1.1	18,400	13.9%	13.9%	2	16,352	21,900	12.38	10,950
1943	0.6	10,100	7.6	21.5	1	8,452	12,000	13.00	12,000
1941	0.2	3,400	2.6	24.1	1	3,971	4,500	12.00	4,500
1934	0.8	13,400	10.1	34.2	2	12,764	16,800	12.25	8,400
1932	1.3	21,800	16.5	50.7	3	18,872	25,200	12.17	8,400
1931	0.5	8,400	6.3	57.0	1	7,873	10,600	12.00	10,600
1928	0.8	13,400	10.1	67.1	2	11,116	17,700	10.50	8,850
1927	0.5	8,400	6.3	73.4	1	7,853	10,500	10.50	10,500
1923	0.3	5,000	3.8	77.2	1	5,387	7,800	9.50	7,800
1922	0.4	6,700	5.1	82.3	1	6,101	9,000	10.00	9,000
1921	0.8	13,400	10.1	92.4	3	12,423	18,800	10.07	6,267
1913	0.3	5,000	3.8	96.2	1	4,680	7,200	10.25	7,200
1911	0.1	1,700	1.3	97.5	1	2,153	3,100	9.00	3,100
1900	0.2	3,300	2.5	100.0	1	3,030	4,200	10.00	4,200
Total	7.9	132,400	100.0		21	121,027	169,300	11.31	8,062

TABLE XXV
 TURKEY - TANK SHIP FLEET
 ACTUAL AND T2-SE-A1 EQUIVALENT
 NUMBER AND TONNAGES OF FLEET ON MARCH 1, 1947 BY CONSTRUCTION YEAR

Year	T2-SE-A1 Equivalent				March 1, 1947				
	No.	D.W.T.	Per Cent of Total Flag		No.	Gross	D.W.T.	Average	
			Total	Cumulative				Speed	D.W.T.
1938	0.5	8,400	100.0%	100.0%	1	6,134	9,000	14.00	9,000

TABLE XXVI
 JAPAN - TANK SHIP FLEET
 ACTUAL AND T2-SE-A1 EQUIVALENT
 NUMBER AND TONNAGES OF FLEET ON MARCH 1, 1947 BY CONSTRUCTION YEAR

Year	T2-SE-A1 Equivalent				March 1, 1947				
	No.	D.W.T.	Per Cent of Total Flag		No.	Gross	D.W.T.	Average	
			Total	Cumulative				Speed	D.W.T.
1940	0.8	13,400	22.2%	22.2%	1	8,100	12,000	17.00	12,000
1938	0.9	15,100	25.0	47.2	1	10,020	13,500	17.00	13,500
1931	0.1	1,700	2.8	50.0	1	2,088	2,300	9.50	2,300
1930	0.2	3,400	5.6	55.6	1	3,029	3,900	10.00	3,900
1928	0.5	8,400	13.9	69.5	1	7,269	11,400	11.00	11,400
1927	0.3	5,000	8.3	77.8	2	5,880	7,000	8.78	3,500
1920	0.1	1,700	2.8	80.6	1	2,417	3,400	8.50	3,400
1919	0.3	5,000	8.3	88.9	1	5,878	8,400	9.75	8,400
1917	0.4	6,700	11.1	100.0	1	5,894	9,100	10.50	9,100
Total	3.6	60,400	100.0		10	50,575	71,000	12.50	7,100

TABLE XXVII
CHINA - TANK SHIP FLEET
ACTUAL AND T2-SE-A1 EQUIVALENT
NUMBER AND TONNAGES OF FLEET ON MARCH 1, 1947 BY CONSTRUCTION YEAR

Year	T2-SE-A1 Equivalent				March 1, 1947				
	No.	D.W.T.	Per Cent of Total Flag		No.	Gross	D.W.T.	Average	
			Total	Cumulative				Speed	D.W.T.
1921	0.5	8,400	26.4%	26.4%	1	8,206	12,000	10.00	12,000
1914	0.5	8,300	26.1	52.5	1	8,465	11,900	10.00	11,900
1913	0.9	15,100	47.5	100.0	2	13,804	22,100	10.00	11,050
Total	1.9	31,800	100.0		4	30,475	46,000	10.00	11,500

TABLE XXVIII
TANK SHIPS UNDER CONSTRUCTION AND ON ORDER AS OF MARCH 1, 1947
FOR COUNTRIES AND BY SPEED GROUPS
(Ocean - Going Vessels 2,000 Gross Tons and Over)

Country and Speed Group	Number	Gross Tons	Deadweight Tons	Country and Speed Group	Number	Gross Tons	Deadweight Tons
<u>United States</u>	2	24,250	39,800	<u>Portugal</u>	3	21,200	34,500
Under 12	-	-	-	Under 12	-	-	-
12-15	1	8,250	12,800	12-15	3	21,200	34,500
15 and over	1	16,000	27,000	15 and over	-	-	-
<u>United Kingdom</u>	51	418,710	609,712	<u>Italy</u>	3	21,475	33,000
Under 12	10	78,870	11,300	Under 12	-	-	-
12-15	38	307,690	452,612	12-15	3	21,475	33,000
15 and over	3	32,150	45,800	15 and over	-	-	-
<u>Norway</u>	70	634,290	961,522	<u>Netherlands</u>	2	9,580	12,200
Under 12	2	10,200	14,000	Under 12	-	-	-
12-15	65	594,760	903,522	12-15	2	9,580	12,200
15 and over	3	29,330	44,000	15 and over	-	-	-
<u>France</u>	12	114,993	170,250	<u>Mexico</u>	3	23,400	31,500
Under 12	-	-	-	Under 12	-	-	-
12-15	11	107,843	159,500	12-15	3	23,400	31,500
15 and over	1	7,150	10,750	15 and over	-	-	-
<u>Spain</u>	5	40,452	54,500	<u>Denmark</u>	1	3,000	5,000
Under 12	-	-	-	Under 12	1	3,000	5,000
12-15	5	40,452	54,500	12-15	-	-	-
15 and over	-	-	-	15 and over	-	-	-
<u>Sweden</u>	4	41,600	64,100	<u>Total World</u>	156	1,352,950	2,016,084
Under 12	-	-	-	Under 12	13	92,070	130,300
12-15	4	41,600	64,100	12-15	135	1,176,250	1,758,234
15 and over	-	-	-	15 and over	8	84,630	127,550

TOTAL UNITED STATES

PERCENTAGE DEADWEIGHT TONNAGE DISTRIBUTION OF SELECTED TANK SHIP FLEET BY AGE

T2-SE-A1 EQUIVALENT ON MARCH 1, 1947
(OCEAN GOING VESSELS 2,000 GROSS TONS AND OVER)

