

**APPENDIX F**  
**TANK CAPACITY TABLES**

HYDROSTATIC TABLES (cont.)  
 FLOATER -- LENGTHENED

MOLDED DRAFT (ft)		38.00	38.50	39.00	39.50	40.00	40.50	41.00	41.50	42.00	42.50
DISP. MLD.	(LTons-SW)	75,499	75,763	76,028	76,292	76,556	76,821	77,087	77,353	77,620	77,887
DISP. TOTAL	(LTons-SW)	75,877	76,142	76,408	76,673	76,939	77,205	77,472	77,740	78,008	78,276
DISP. TOTAL	(LTons-FW)	74,026	74,285	74,544	74,803	75,062	75,322	75,583	75,844	76,105	76,367
LCB	(ft-AP)	392.05F	392.06F	392.08F	392.09F	392.10F	392.11F	392.12F	392.13F	392.14F	392.15F
TCB	(ft-CL)	0.07S	0.09S	0.11S	0.12S	0.14S	0.16S	0.18S	0.19S	0.21S	0.23S
KB	(ft)	11.33	11.42	11.52	11.62	11.71	11.81	11.91	12.02	12.12	12.22
BMc	(ft)	42.61	42.46	42.31	42.20	42.15	42.11	42.06	42.02	41.97	41.93
KMc	(ft)	53.93	53.88	53.83	53.81	53.87	53.92	53.98	54.03	54.09	54.15
BMI	(ft)	231.91	231.13	230.36	229.70	229.37	229.03	228.70	228.36	228.03	227.69
KMI	(ft)	243.24	242.56	241.88	241.32	241.08	240.84	240.61	240.38	240.15	239.92
TPI	(LTons)	44.0	44.0	44.0	44.0	44.1	44.2	44.3	44.4	44.5	44.6
M <sub>T</sub> in	(ft-LTons)	1,861	1,861	1,862	1,863	1,866	1,870	1,874	1,878	1,881	1,885
C <sub>T</sub> in	(LTons)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
LCF	(ft-AP)	395.19F	395.19F	395.19F	395.18F	395.19F	395.19F	395.19F	395.19F	395.19F	395.19F
W.P. AREA	(ft <sup>2</sup> )	18,491	18,492	18,492	18,503	18,540	18,577	18,614	18,651	18,688	18,726
WETTED SUR.	(ft <sup>2</sup> )	350,762	352,015	353,267	354,520	355,774	357,028	358,281	359,535	360,789	362,042
MAX. BEAM	(ft)	170.70	170.73	170.76	170.79	170.85	170.90	170.96	171.01	171.07	171.13
LENGTH W.L.	(ft)	668.31	668.31	668.31	668.31	668.31	668.31	668.31	668.31	668.31	668.31
C <sub>b</sub>		0.5102	0.5053	0.5006	0.4960	0.4915	0.4871	0.4828	0.4785	0.4746	0.4706
C <sub>m</sub>		0.5325	0.5277	0.5232	0.5187	0.5143	0.5101	0.5059	0.5019	0.4980	0.4941
C <sub>p</sub>		0.9582	0.9575	0.9569	0.9562	0.9556	0.9549	0.9543	0.9537	0.9530	0.9524
C <sub>w</sub>		0.1356	0.1356	0.1357	0.1357	0.1360	0.1363	0.1365	0.1368	0.1371	0.1374
C <sub>it</sub>		0.3279	0.3279	0.3279	0.3281	0.3289	0.3297	0.3305	0.3313	0.3321	0.3328

HYDROSTATIC TABLES (cont.)  
 FLOATER -- LENGTHENED

MOLDED DRAFT (ft)		43.00	43.50	44.00	44.50	45.00	45.50	46.00	46.50	47.00	47.50
DISP. MLD.	(LTons-SW)	78,155	78,423	78,692	78,961	79,231	79,501	79,772	80,044	80,316	80,588
DISP. TOTAL	(LTons-SW)	78,545	78,815	79,085	79,356	79,627	79,899	80,171	80,444	80,717	80,991
DISP. TOTAL	(LTons-FW)	76,630	76,893	77,156	77,420	77,685	77,950	78,216	78,482	78,748	79,016
LCB	(ft-AP)	392.16F	392.17F	392.18F	392.19F	392.20F	392.21F	392.22F	392.23F	392.24F	392.25F
TCB	(ft-CL)	0.24S	0.26S	0.28S	0.30S	0.31S	0.33S	0.35S	0.36S	0.38S	0.40S
KB	(ft)	12.33	12.43	12.54	12.65	12.76	12.87	12.99	13.10	13.21	13.33
BMc	(ft)	41.88	41.84	41.80	41.75	41.71	41.66	41.62	41.58	41.53	41.49
KMc	(ft)	54.21	54.27	54.34	54.40	54.47	54.54	54.61	54.68	54.75	54.82
BM1	(ft)	227.36	227.03	226.70	226.37	226.04	225.71	225.38	225.05	224.73	224.40
KM1	(ft)	239.69	239.46	239.24	239.02	238.80	238.58	238.37	238.15	237.94	237.73
TPI	(LTons)	44.7	44.8	44.8	44.9	45.0	45.1	45.2	45.3	45.4	45.5
MTlin	(ft-LTons)	1,889	1,892	1,896	1,900	1,904	1,907	1,911	1,915	1,919	1,922
CDTlin	(LTons)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
LCF	(ft-AP)	395.19F	395.19F	395.19F	395.19F	395.19F	395.19F	395.19F	395.19F	395.19F	395.19F
W.P. AREA	(ft <sup>2</sup> )	18,763	18,800	18,837	18,874	18,911	18,949	18,986	19,023	19,060	19,097
WETTED SUR.	(ft <sup>2</sup> )	363,296	364,550	365,803	367,057	368,310	369,564	370,818	372,071	373,325	374,579
MAX. BEAM	(ft)	171.18	171.24	171.30	171.35	171.41	171.47	171.52	171.58	171.64	171.69
LENGTH W.L.	(ft)	668.31	668.31	668.31	668.31	668.31	668.31	668.31	668.31	668.31	668.31
Cb		0.4667	0.4630	0.4593	0.4557	0.4521	0.4487	0.4453	0.4420	0.4388	0.4357
Cm		0.4904	0.4867	0.4832	0.4797	0.4763	0.4730	0.4697	0.4665	0.4634	0.4604
Cp		0.9518	0.9511	0.9505	0.9499	0.9493	0.9487	0.9481	0.9475	0.9469	0.9463
Cwp		0.1376	0.1379	0.1382	0.1385	0.1387	0.1390	0.1393	0.1395	0.1398	0.1401
Cit		0.3336	0.3344	0.3352	0.3360	0.3368	0.3376	0.3384	0.3392	0.3400	0.3408



## TANK CAPACITY TABLES

The following tables are included in this appendix:

- Summary Tank Data
- Tank Sounding Tables
- Tank Centers/ Free Surface Tables

These tables are all printed directly from the Herbert HECSDS files identified in Appendix D.

TANK TABLES  
 NASSCO BUILDER

Fuel Oil

No. Name	Weight (L.Tons)	Sp. Vol (ft3/LT)	Volume (ft3)	VCG (ft-BL)	LCG (ft-AP)	TCG (ft-CL)	Slack Free Surface (ft-LTons)	Free Surface (ft4)	98% Free Surface (ft-LTons)	Free Surface (ft4)	Fwd Bnd (ft-AP)	Aft Bnd (ft-AP)
1 FUEL XFER	10	37.7699	394	49.70	425.95F	83.46S	1	51	1	51	431.96F	419.95F
	10		394	49.70	425.95F	83.46S	1	51	1	51		

SW Ballast

No. Name	Weight (L.Tons)	Sp. Vol (ft3/LT)	Volume (ft3)	VCG (ft-BL)	LCG (ft-AP)	TCG (ft-CL)	Slack Free Surface (ft-LTons)	Free Surface (ft4)	98% Free Surface (ft-LTons)	Free Surface (ft4)	Fwd Bnd (ft-AP)	Aft Bnd (ft-AP)
2 1FS	947	35.0062	33157	8.72	758.99F	63.58S	9543	334068	4157	145506	783.99F	735.76F
3 1FP	947	35.0062	33157	8.72	758.99F	63.58P	9543	334067	4157	145511	783.99F	735.76F
4 1FSC	936	35.0062	32762	8.87	759.01F	20.93S	8700	304547	3907	136759	783.99F	735.76F
5 1FPC	936	35.0062	32762	8.87	759.01F	20.93P	8700	304546	3907	136760	783.99F	735.76F
6 1AS	1480	35.0062	51807	13.48	709.94F	67.64S	10023	350871	397	13907	735.76F	684.12F
7 1AP	1480	35.0062	51807	13.48	709.94F	67.64P	10023	350869	397	13907	735.76F	684.12F
8 1ASC	1048	35.0062	36697	8.55	709.94F	20.94S	9139	319929	4302	150594	735.76F	684.12F
9 1APC	1048	35.0062	36697	8.55	709.94F	20.94P	9139	319929	4302	150594	735.76F	684.12F
10 2FS	1480	35.0062	51807	13.48	658.30F	67.64S	10023	350871	397	13907	684.12F	632.48F
11 2FP	1480	35.0062	51807	13.48	658.30F	67.64P	10023	350869	397	13907	684.12F	632.48F
12 2FSC	1048	35.0062	36697	8.55	658.30F	20.94S	9139	319929	4302	150594	684.12F	632.48F
13 2FPC	1048	35.0062	36697	8.55	658.30F	20.94P	9139	319929	4302	150594	684.12F	632.48F
14 AS	1176	35.0062	41161	12.41	611.61F	66.79S	8622	301828	249	8730	632.48F	584.12F
15 AP	1176	35.0062	41161	12.41	611.61F	66.79P	8622	301830	249	8733	632.48F	584.12F
16 2ASC	902	35.0062	31568	8.55	610.27F	20.94S	7862	275213	3701	129543	632.48F	588.06F
17 2APC	902	35.0062	31568	8.55	610.27F	20.94P	7862	275213	3701	129545	632.48F	588.06F
18 3S	2577	35.0062	90201	13.03	542.94F	67.18S	18645	652697	646	22624	588.06F	491.99F
19 3P	2577	35.0062	90201	13.03	542.94F	67.18P	18645	652697	646	22624	588.06F	491.99F
20 3SC	1905	35.0062	66701	8.44	541.10F	20.94S	17001	595140	7743	271064	588.06F	491.99F
21 3PC	1905	35.0062	66701	8.44	541.10F	20.94P	17001	595140	7743	271065	588.06F	491.99F
22 4S	2656	35.0062	92968	13.01	442.42F	67.26S	18645	652698	646	22631	491.99F	395.93F
23 4P	2656	35.0062	92968	13.01	442.42F	67.26P	18645	652698	646	22631	491.99F	395.93F
24 4SC	1950	35.0062	68264	8.55	443.96F	20.94S	17001	595141	8002	280136	491.99F	395.93F
25 4PC	1950	35.0062	68264	8.55	443.96F	20.94P	17001	595141	8002	280138	491.99F	395.93F
26 5S	2656	35.0062	92968	13.01	346.36F	67.26S	18645	652700	647	22637	395.93F	299.87F
27 5P	2656	35.0062	92968	13.01	346.36F	67.26P	18645	652702	647	22637	395.93F	299.87F
28 5SC	1950	35.0062	68264	8.55	347.90F	20.94S	17001	595141	8002	280138	395.93F	299.87F
29 5PC	1950	35.0062	68264	8.55	347.90F	20.94P	17001	595141	8003	280139	395.93F	299.87F
30 5AS	2765	35.0062	96778	13.01	248.27F	67.26S	19409	679452	673	23565	299.87F	199.87F
31 5AP	2765	35.0062	96778	13.01	248.27F	67.26P	19409	679452	673	23565	299.87F	199.87F
32 5ASC	2030	35.0062	71062	8.55	249.87F	20.94S	17698	619532	8330	291618	299.87F	199.87F
33 5APC	2030	35.0062	71062	8.55	249.87F	20.94P	17698	619532	8330	291619	299.87F	199.87F
34 5BFS	1336	35.0062	46756	12.54	173.49F	66.89S	9705	339724	292	10238	199.87F	149.87F
35 5BFP	1336	35.0062	46756	12.54	173.49F	66.89P	9705	339724	292	10238	199.87F	149.87F
36 5BFSC	1014	35.0062	35508	8.55	174.89F	20.94S	8843	309563	4163	145714	199.87F	149.90F
37 5BFPC	1015	35.0062	35531	8.55	174.87F	20.94P	8849	309766	4165	145809	199.87F	149.87F
38 5BAS	1433	35.0062	50161	13.48	124.87F	67.64S	9705	339724	385	13462	149.87F	99.87F
39 5BAP	1433	35.0062	50161	13.48	124.87F	67.64P	9705	339724	385	13462	149.87F	99.87F
40 5BASC	1015	35.0062	35531	8.55	124.87F	20.94S	8849	309766	4165	145807	149.87F	99.87F

TANK TABLES  
 NASSCO BUILDER

SW Ballast

No. Name	Weight (L.Tons)	Sp. Vol (ft3/LT)	Volume (ft3)	VCG (ft-BL)	LCG (ft-AP)	TCG (ft-CL)	Slack Free Surface (ft-LTons)	Free Surface (ft4)	98% Free Surface (ft-LTons)	Free Surface (ft4)	Fwd Bnd (ft-AP)	Aft Bnd (ft-AP)
41 SBAPC	1015	35.0062	35531	8.55	124.87F	20.94P	8849	309766	4165	145809	149.87F	99.87F
42 6FS	1480	35.0062	51807	13.48	74.05F	67.64S	10023	350871	397	13907	99.87F	48.23F
43 6FP	1480	35.0062	51807	13.48	74.05F	67.64P	10023	350869	397	13907	99.87F	48.23F
44 6FSC	1048	35.0062	36697	8.55	74.05F	20.94S	9139	319929	4302	150594	99.87F	48.23F
45 6FPC	1048	35.0062	36697	8.55	74.05F	20.94P	9139	319929	4302	150594	99.87F	48.23F
46 6AS	947	35.0062	33157	8.72	25.00F	63.58S	9543	334068	4157	145509	48.23F	0.00
47 6AP	947	35.0062	33157	8.72	25.00F	63.58P	9543	334066	4157	145511	48.23F	0.00
48 6ASC	936	35.0062	32762	8.87	24.98F	20.93S	8700	304547	3907	136758	48.23F	0.00
49 6APC	936	35.0062	32762	8.87	24.98F	20.93P	8700	304546	3907	136757	48.23F	0.00
50 TRUNK&SWG	362	35.0062	12662	16.48	496.58F	0.00	80692	2824724	6366	222837	504.00F	491.99F
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	73792		2583165	10.95	391.90F	0.00	663905	23240810	162109	5674831		

Misc.

No. Name	Weight (L.Tons)	Sp. Vol (ft3/LT)	Volume (ft3)	VCG (ft-BL)	LCG (ft-AP)	TCG (ft-CL)	Slack Free Surface (ft-LTons)	Free Surface (ft4)	98% Free Surface (ft-LTons)	Free Surface (ft4)	Fwd Bnd (ft-AP)	Aft Bnd (ft-AP)
51 OILYWTRP	458	35.8814	16423	51.75	666.11F	78.09P	356	12774	356	12770	684.12F	648.10F
52 SWG HLD P	31	35.8814	1127	31.23	498.00F	80.38P	0	0	20	716	504.00F	491.99F
53 SWG HLD S	31	35.8814	1127	31.23	498.00F	80.38S	0	0	20	716	504.00F	491.99F
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	520		18676	49.27	645.83F	68.67P	356	12774	396	14202		

SOUNDING TABLE for IFS

Longitudinal Location of Sounding Tube = 343.77F ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 0.00 ft-CL      Length of Sounding Tube = 16.93 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 16.93 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	20	713			
1.50	64	2,251			
2.50	112	3,936			
3.50	165	5,768			
4.50	221	7,748			
5.50	280	9,816			
6.50	339	11,883			
7.50	399	13,951			
8.50	458	16,019			
9.50	517	18,086			
10.50	576	20,154			
11.50	635	22,222			
12.50	694	24,290			
13.50	753	26,357			
14.50	812	28,425			
15.50	871	30,493			
16.40	924	32,363			

SOUNDING TABLE for 1FP

Longitudinal Location of Sounding Tube = 343.77F ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 0.00 ft-CL      Length of Sounding Tube = 16.93 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 16.93 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	20	713			
1.50	64	2,251			
2.50	112	3,936			
3.50	165	5,768			
4.50	221	7,748			
5.50	280	9,816			
6.50	339	11,883			
7.50	399	13,951			
8.50	458	16,019			
9.50	517	18,086			
10.50	576	20,154			
11.50	635	22,222			
12.50	694	24,290			
13.50	753	26,357			
14.50	812	28,425			
15.50	871	30,493			
16.40	924	32,363			



SOUNDING TABLE for 1FSC

Longitudinal Location of Sounding Tube = 343.77F ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 0.00 ft-CL      Length of Sounding Tube = 17.22 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 17.22 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	20	692			
1.50	62	2,182			
2.50	109	3,816			
3.50	160	5,593			
4.50	215	7,514			
5.50	272	9,518			
6.50	329	11,523			
7.50	386	13,528			
8.50	444	15,533			
9.50	501	17,538			
10.50	558	19,544			
11.50	616	21,549			
12.50	673	23,554			
13.50	730	25,559			
14.50	787	27,564			
15.50	845	29,569			
16.40	896	31,382			

SOUNDING TABLE for 1FPC

Longitudinal Location of Sounding Tube = 343.77F ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 0.00 ft-CL      Length of Sounding Tube = 17.22 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 17.22 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	20	692			
1.50	62	2,182			
2.50	109	3,816			
3.50	160	5,593			
4.50	215	7,514			
5.50	272	9,518			
6.50	329	11,523			
7.50	386	13,528			
8.50	444	15,533			
9.50	501	17,538			
10.50	558	19,544			
11.50	616	21,549			
12.50	673	23,554			
13.50	730	25,559			
14.50	787	27,564			
15.50	845	29,569			
16.40	896	31,382			

SOUNDING TABLE for 1AS

Longitudinal Location of Sounding Tube = 292.13F ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 41.99S ft-CL      Length of Sounding Tube = 36.09 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 36.09 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	32	1,107			
1.50	95	3,321			
2.50	158	5,535			
3.50	221	7,749			
4.50	285	9,963			
5.50	348	12,177			
6.50	411	14,391			
7.50	474	16,605			
8.50	538	18,819			
9.50	601	21,033			
10.50	664	23,247			
11.50	727	25,461			
12.50	791	27,675			
13.50	854	29,889			
14.50	917	32,103			
15.50	980	34,317			
16.50	1,044	36,532			
17.50	1,079	37,776			
18.50	1,101	38,531			
19.50	1,122	39,286			
20.50	1,144	40,041			
21.50	1,165	40,795			
22.50	1,187	41,550			
23.50	1,208	42,305			
24.50	1,230	43,060			
25.50	1,252	43,814			
26.50	1,273	44,569			
27.50	1,295	45,324			
28.50	1,316	46,079			
29.50	1,338	46,834			
30.50	1,359	47,588			
31.50	1,381	48,343			
32.50	1,403	49,098			
33.50	1,424	49,853			
34.50	1,446	50,608			
35.50	1,467	51,362			
36.09	1,480	51,807			

SOUNDING TABLE for IAP

Longitudinal Location of Sounding Tube = 292.13F ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 41.99P ft-CL      Length of Sounding Tube = 36.09 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 36.09 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	32	1,107			
1.50	95	3,321			
2.50	158	5,535			
3.50	221	7,749			
4.50	285	9,963			
5.50	348	12,177			
6.50	411	14,391			
7.50	474	16,605			
8.50	538	18,819			
9.50	601	21,033			
10.50	664	23,247			
11.50	727	25,461			
12.50	791	27,675			
13.50	854	29,889			
14.50	917	32,103			
15.50	980	34,317			
16.50	1,044	36,532			
17.50	1,079	37,776			
18.50	1,101	38,531			
19.50	1,122	39,286			
20.50	1,144	40,041			
21.50	1,165	40,795			
22.50	1,187	41,550			
23.50	1,208	42,305			
24.50	1,230	43,060			
25.50	1,252	43,814			
26.50	1,273	44,569			
27.50	1,295	45,324			
28.50	1,316	46,079			
29.50	1,338	46,834			
30.50	1,359	47,588			
31.50	1,381	48,343			
32.50	1,403	49,098			
33.50	1,424	49,853			
34.50	1,446	50,608			
35.50	1,467	51,362			
36.09	1,480	51,807			

SOUNDING TABLE for 1ASC

Longitudinal Location of Sounding Tube = 292.13F ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 0.00 ft-CL      Length of Sounding Tube = 17.22 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 17.22 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	31	1,073			
1.50	92	3,220			
2.50	153	5,367			
3.50	215	7,514			
4.50	276	9,661			
5.50	337	11,808			
6.50	399	13,955			
7.50	460	16,102			
8.50	521	18,249			
9.50	583	20,396			
10.50	644	22,543			
11.50	705	24,690			
12.50	767	26,837			
13.50	828	28,984			
14.50	889	31,131			
15.50	951	33,278			
16.40	1,006	35,219			

SOUNDING TABLE for 1APC

Longitudinal Location of Sounding Tube = 292.13F ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 0.00 ft-CL      Length of Sounding Tube = 17.22 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 17.22 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	31	1,073			
1.50	92	3,220			
2.50	153	5,367			
3.50	215	7,514			
4.50	276	9,661			
5.50	337	11,808			
6.50	399	13,955			
7.50	460	16,102			
8.50	521	18,249			
9.50	583	20,396			
10.50	644	22,543			
11.50	705	24,690			
12.50	767	26,837			
13.50	828	28,984			
14.50	889	31,131			
15.50	951	33,278			
16.40	1,006	35,219			

SOUNDING TABLE for 2FS

Longitudinal Location of Sounding Tube = 240.49F ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 41.99S ft-CL      Length of Sounding Tube = 36.09 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 36.09 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	32	1,107			
1.50	95	3,321			
2.50	158	5,535			
3.50	221	7,749			
4.50	285	9,963			
5.50	348	12,177			
6.50	411	14,391			
7.50	474	16,605			
8.50	538	18,819			
9.50	601	21,033			
10.50	664	23,247			
11.50	727	25,461			
12.50	791	27,675			
13.50	854	29,889			
14.50	917	32,103			
15.50	980	34,317			
16.50	1,044	36,532			
17.50	1,079	37,776			
18.50	1,101	38,531			
19.50	1,122	39,286			
20.50	1,144	40,041			
21.50	1,165	40,795			
22.50	1,187	41,550			
23.50	1,208	42,305			
24.50	1,230	43,060			
25.50	1,252	43,814			
26.50	1,273	44,569			
27.50	1,295	45,324			
28.50	1,316	46,079			
29.50	1,338	46,834			
30.50	1,359	47,588			
31.50	1,381	48,343			
32.50	1,403	49,098			
33.50	1,424	49,853			
34.50	1,446	50,607			
35.50	1,467	51,362			
36.09	1,480	51,807			

SOUNDING TABLE for 2FP

Longitudinal Location of Sounding Tube = 240.49F ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 41.99P ft-CL      Length of Sounding Tube = 36.09 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 36.09 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	32	1,107			
1.50	95	3,321			
2.50	158	5,535			
3.50	221	7,749			
4.50	285	9,963			
5.50	348	12,177			
6.50	411	14,391			
7.50	474	16,605			
8.50	538	18,819			
9.50	601	21,033			
10.50	664	23,247			
11.50	727	25,461			
12.50	791	27,675			
13.50	854	29,889			
14.50	917	32,103			
15.50	980	34,317			
16.50	1,044	36,532			
17.50	1,079	37,776			
18.50	1,101	38,531			
19.50	1,122	39,286			
20.50	1,144	40,041			
21.50	1,165	40,795			
22.50	1,187	41,550			
23.50	1,208	42,305			
24.50	1,230	43,060			
25.50	1,252	43,814			
26.50	1,273	44,569			
27.50	1,295	45,324			
28.50	1,316	46,079			
29.50	1,338	46,834			
30.50	1,359	47,588			
31.50	1,381	48,343			
32.50	1,403	49,098			
33.50	1,424	49,853			
34.50	1,446	50,607			
35.50	1,467	51,362			
36.09	1,480	51,807			



SOUNDING TABLE for 2FSC

Longitudinal Location of Sounding Tube = 240.49F ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 0.00 ft-CL      Length of Sounding Tube = 17.22 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 17.22 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	31	1,073			
1.50	92	3,220			
2.50	153	5,367			
3.50	215	7,514			
4.50	276	9,661			
5.50	337	11,808			
6.50	399	13,955			
7.50	460	16,102			
8.50	521	18,249			
9.50	583	20,396			
10.50	644	22,543			
11.50	705	24,690			
12.50	767	26,837			
13.50	828	28,984			
14.50	889	31,131			
15.50	951	33,278			
16.40	1,006	35,219			

SOUNDING TABLE for 2FPC

Longitudinal Location of Sounding Tube = 240.49F ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 0.00 ft-CL      Length of Sounding Tube = 17.22 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 17.22 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	31	1,073			
1.50	92	3,220			
2.50	153	5,367			
3.50	215	7,514			
4.50	276	9,661			
5.50	337	11,808			
6.50	399	13,955			
7.50	460	16,102			
8.50	521	18,249			
9.50	583	20,396			
10.50	644	22,543			
11.50	705	24,690			
12.50	767	26,837			
13.50	828	28,984			
14.50	889	31,131			
15.50	951	33,278			
16.40	1,006	35,219			

SOUNDING TABLE for 2AS

Longitudinal Location of Sounding Tube = 196.06F ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 41.99S ft-CL      Length of Sounding Tube = 36.09 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 36.09 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	27	952			
1.50	82	2,857			
2.50	136	4,761			
3.50	190	6,666			
4.50	245	8,571			
5.50	299	10,475			
6.50	354	12,380			
7.50	408	14,284			
8.50	462	16,189			
9.50	517	18,093			
10.50	571	19,998			
11.50	626	21,903			
12.50	680	23,807			
13.50	734	25,712			
14.50	789	27,616			
15.50	843	29,521			
16.50	898	31,425			
17.50	924	32,353			
18.50	938	32,827			
19.50	951	33,301			
20.50	965	33,775			
21.50	978	34,249			
22.50	992	34,722			
23.50	1,005	35,196			
24.50	1,019	35,670			
25.50	1,032	36,144			
26.50	1,046	36,617			
27.50	1,060	37,091			
28.50	1,073	37,565			
29.50	1,087	38,039			
30.50	1,100	38,513			
31.50	1,114	38,986			
32.50	1,127	39,460			
33.50	1,141	39,934			
34.50	1,154	40,408			
35.50	1,168	40,881			
36.09	1,176	41,161			

SOUNDING TABLE for 2AP

Longitudinal Location of Sounding Tube = 196.06F ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 41.99P ft-CL      Length of Sounding Tube = 36.09 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 36.09 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	27	952			
1.50	82	2,857			
2.50	136	4,761			
3.50	190	6,666			
4.50	245	8,571			
5.50	299	10,475			
6.50	354	12,380			
7.50	408	14,284			
8.50	462	16,189			
9.50	517	18,093			
10.50	571	19,998			
11.50	626	21,903			
12.50	680	23,807			
13.50	734	25,712			
14.50	789	27,616			
15.50	843	29,521			
16.50	898	31,425			
17.50	924	32,353			
18.50	938	32,827			
19.50	951	33,301			
20.50	965	33,775			
21.50	978	34,249			
22.50	992	34,722			
23.50	1,005	35,196			
24.50	1,019	35,670			
25.50	1,032	36,144			
26.50	1,046	36,617			
27.50	1,060	37,091			
28.50	1,073	37,565			
29.50	1,087	38,039			
30.50	1,100	38,513			
31.50	1,114	38,986			
32.50	1,127	39,460			
33.50	1,141	39,934			
34.50	1,154	40,408			
35.50	1,168	40,881			
36.09	1,176	41,161			

SOUNDING TABLE for 2ASC

Longitudinal Location of Sounding Tube = 196.06F ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 0.00 ft-CL      Length of Sounding Tube = 17.22 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 17.22 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	26	923			
1.50	79	2,770			
2.50	132	4,617			
3.50	185	6,464			
4.50	237	8,311			
5.50	290	10,158			
6.50	343	12,005			
7.50	396	13,851			
8.50	448	15,698			
9.50	501	17,545			
10.50	554	19,392			
11.50	607	21,239			
12.50	659	23,086			
13.50	712	24,933			
14.50	765	26,779			
15.50	818	28,626			
16.40	865	30,296			

SOUNDING TABLE for 2APC

Longitudinal Location of Sounding Tube = 196.06F ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 0.00 ft-CL      Length of Sounding Tube = 17.22 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 17.22 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	26	923			
1.50	79	2,770			
2.50	132	4,617			
3.50	185	6,464			
4.50	237	8,311			
5.50	290	10,158			
6.50	343	12,005			
7.50	396	13,851			
8.50	448	15,698			
9.50	501	17,545			
10.50	554	19,392			
11.50	607	21,239			
12.50	659	23,086			
13.50	712	24,933			
14.50	765	26,779			
15.50	818	28,626			
16.40	865	30,296			

SOUNDING TABLE for 3S

Longitudinal Location of Sounding Tube = 100.00F ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 41.99S ft-CL      Length of Sounding Tube = 36.09 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 36.09 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	59	2,059			
1.50	176	6,178			
2.50	294	10,297			
3.50	412	14,415			
4.50	529	18,534			
5.50	647	22,652			
6.50	765	26,771			
7.50	879	30,763			
8.50	991	34,707			
9.50	1,103	38,615			
10.50	1,212	42,422			
11.50	1,321	46,230			
12.50	1,429	50,038			
13.50	1,538	53,846			
14.50	1,647	57,653			
15.50	1,756	61,461			
16.50	1,864	65,269			
17.50	1,924	67,363			
18.50	1,959	68,591			
19.50	1,994	69,820			
20.50	2,030	71,048			
21.50	2,065	72,277			
22.50	2,100	73,505			
23.50	2,135	74,734			
24.50	2,170	75,963			
25.50	2,205	77,191			
26.50	2,240	78,420			
27.50	2,275	79,648			
28.50	2,310	80,877			
29.50	2,345	82,105			
30.50	2,381	83,334			
31.50	2,416	84,562			
32.50	2,451	85,791			
33.50	2,486	87,020			
34.50	2,521	88,248			
35.50	2,556	89,477			
36.09	2,577	90,201			

SOUNDING TABLE for 3P

Longitudinal Location of Sounding Tube = 100.00F ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 41.99P ft-CL      Length of Sounding Tube = 36.09 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 36.09 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	59	2,059			
1.50	176	6,178			
2.50	294	10,297			
3.50	412	14,415			
4.50	529	18,534			
5.50	647	22,652			
6.50	765	26,771			
7.50	879	30,763			
8.50	991	34,707			
9.50	1,103	38,615			
10.50	1,212	42,422			
11.50	1,321	46,230			
12.50	1,429	50,038			
13.50	1,538	53,846			
14.50	1,647	57,653			
15.50	1,756	61,461			
16.50	1,864	65,269			
17.50	1,924	67,363			
18.50	1,959	68,591			
19.50	1,994	69,820			
20.50	2,030	71,048			
21.50	2,065	72,277			
22.50	2,100	73,505			
23.50	2,135	74,734			
24.50	2,170	75,963			
25.50	2,205	77,191			
26.50	2,240	78,420			
27.50	2,275	79,648			
28.50	2,310	80,877			
29.50	2,345	82,105			
30.50	2,381	83,334			
31.50	2,416	84,562			
32.50	2,451	85,791			
33.50	2,486	87,020			
34.50	2,521	88,248			
35.50	2,556	89,477			
36.09	2,577	90,201			



SOUNDING TABLE for 3SC

Longitudinal Location of Sounding Tube = 100.00F ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 0.00 ft-CL      Length of Sounding Tube = 17.22 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 17.22 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	57	1,997			
1.50	171	5,991			
2.50	285	9,984			
3.50	399	13,978			
4.50	513	17,972			
5.50	627	21,966			
6.50	742	25,960			
7.50	856	29,954			
8.50	970	33,947			
9.50	1,082	37,890			
10.50	1,191	41,684			
11.50	1,299	45,479			
12.50	1,408	49,274			
13.50	1,516	53,068			
14.50	1,624	56,863			
15.50	1,733	60,658			
16.40	1,831	64,089			

SOUNDING TABLE for 3PC

Longitudinal Location of Sounding Tube = 100.00F ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 0.00 ft-CL      Length of Sounding Tube = 17.22 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 17.22 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	57	1,997			
1.50	171	5,991			
2.50	285	9,984			
3.50	399	13,978			
4.50	513	17,972			
5.50	627	21,966			
6.50	742	25,960			
7.50	856	29,954			
8.50	970	33,947			
9.50	1,082	37,890			
10.50	1,191	41,684			
11.50	1,299	45,479			
12.50	1,408	49,274			
13.50	1,516	53,068			
14.50	1,624	56,863			
15.50	1,733	60,658			
16.40	1,831	64,089			

SOUNDING TABLE for 4S

Longitudinal Location of Sounding Tube = 3.94F ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 41.99S ft-CL      Length of Sounding Tube = 36.09 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 36.09 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	59	2,059			
1.50	176	6,178			
2.50	294	10,297			
3.50	412	14,415			
4.50	529	18,534			
5.50	647	22,652			
6.50	765	26,771			
7.50	882	30,890			
8.50	1,000	35,008			
9.50	1,118	39,127			
10.50	1,235	43,245			
11.50	1,353	47,364			
12.50	1,471	51,483			
13.50	1,588	55,601			
14.50	1,706	59,720			
15.50	1,824	63,838			
16.50	1,941	67,957			
17.50	2,003	70,130			
18.50	2,038	71,358			
19.50	2,074	72,587			
20.50	2,109	73,815			
21.50	2,144	75,044			
22.50	2,179	76,272			
23.50	2,214	77,501			
24.50	2,249	78,730			
25.50	2,284	79,958			
26.50	2,319	81,187			
27.50	2,354	82,415			
28.50	2,389	83,644			
29.50	2,424	84,872			
30.50	2,460	86,101			
31.50	2,495	87,329			
32.50	2,530	88,558			
33.50	2,565	89,787			
34.50	2,600	91,015			
35.50	2,635	92,244			
36.09	2,656	92,968			

SOUNDING TABLE for 4P

Longitudinal Location of Sounding Tube = 3.94F ft-MS Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 41.99P ft-CL Length of Sounding Tube = 36.09 ft  
 Bottom of Sounding Tube = 0.00 ft-BL Top of Sounding Tube = 36.09 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	59	2,059			
1.50	176	6,178			
2.50	294	10,297			
3.50	412	14,415			
4.50	529	18,534			
5.50	647	22,652			
6.50	765	26,771			
7.50	882	30,890			
8.50	1,000	35,008			
9.50	1,118	39,127			
10.50	1,235	43,245			
11.50	1,353	47,364			
12.50	1,471	51,483			
13.50	1,588	55,601			
14.50	1,706	59,720			
15.50	1,824	63,838			
16.50	1,941	67,957			
17.50	2,003	70,130			
18.50	2,038	71,358			
19.50	2,074	72,587			
20.50	2,109	73,815			
21.50	2,144	75,044			
22.50	2,179	76,272			
23.50	2,214	77,501			
24.50	2,249	78,730			
25.50	2,284	79,958			
26.50	2,319	81,187			
27.50	2,354	82,415			
28.50	2,389	83,644			
29.50	2,424	84,872			
30.50	2,460	86,101			
31.50	2,495	87,329			
32.50	2,530	88,558			
33.50	2,565	89,787			
34.50	2,600	91,015			
35.50	2,635	92,244			
36.09	2,656	92,968			

SOUNDING TABLE for 4SC

Longitudinal Location of Sounding Tube = 3.94F ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 0.00 ft-CL      Length of Sounding Tube = 17.22 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 17.22 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	57	1,997			
1.50	171	5,991			
2.50	285	9,985			
3.50	399	13,978			
4.50	513	17,972			
5.50	627	21,966			
6.50	742	25,960			
7.50	856	29,954			
8.50	970	33,947			
9.50	1,084	37,941			
10.50	1,198	41,935			
11.50	1,312	45,929			
12.50	1,426	49,923			
13.50	1,540	53,916			
14.50	1,654	57,910			
15.50	1,768	61,904			
16.40	1,872	65,515			

SOUNDING TABLE for 4PC

Longitudinal Location of Sounding Tube = 3.94F ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 0.00 ft-CL      Length of Sounding Tube = 17.22 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 17.22 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	57	1,997			
1.50	171	5,991			
2.50	285	9,985			
3.50	399	13,978			
4.50	513	17,972			
5.50	627	21,966			
6.50	742	25,960			
7.50	856	29,954			
8.50	970	33,947			
9.50	1,084	37,941			
10.50	1,198	41,935			
11.50	1,312	45,929			
12.50	1,426	49,923			
13.50	1,540	53,916			
14.50	1,654	57,910			
15.50	1,768	61,904			
16.40	1,872	65,515			

SOUNDING TABLE for 5S

Longitudinal Location of Sounding Tube = 92.13A ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 41.99S ft-CL      Length of Sounding Tube = 36.09 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 36.09 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	59	2,059			
1.50	176	6,178			
2.50	294	10,297			
3.50	412	14,415			
4.50	529	18,534			
5.50	647	22,652			
6.50	765	26,771			
7.50	882	30,890			
8.50	1,000	35,008			
9.50	1,118	39,127			
10.50	1,235	43,245			
11.50	1,353	47,364			
12.50	1,471	51,483			
13.50	1,588	55,601			
14.50	1,706	59,720			
15.50	1,824	63,838			
16.50	1,941	67,957			
17.50	2,003	70,130			
18.50	2,038	71,358			
19.50	2,074	72,587			
20.50	2,109	73,815			
21.50	2,144	75,044			
22.50	2,179	76,272			
23.50	2,214	77,501			
24.50	2,249	78,730			
25.50	2,284	79,958			
26.50	2,319	81,187			
27.50	2,354	82,415			
28.50	2,389	83,644			
29.50	2,424	84,872			
30.50	2,460	86,101			
31.50	2,495	87,329			
32.50	2,530	88,558			
33.50	2,565	89,787			
34.50	2,600	91,015			
35.50	2,635	92,244			
36.09	2,656	92,968			

SOUNDING TABLE for 5P

Longitudinal Location of Sounding Tube = 92.13A ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 41.99P ft-CL      Length of Sounding Tube = 36.09 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 36.09 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	59	2,059			
1.50	176	6,178			
2.50	294	10,297			
3.50	412	14,415			
4.50	529	18,534			
5.50	647	22,652			
6.50	765	26,771			
7.50	882	30,890			
8.50	1,000	35,008			
9.50	1,118	39,127			
10.50	1,235	43,245			
11.50	1,353	47,364			
12.50	1,471	51,483			
13.50	1,588	55,601			
14.50	1,706	59,720			
15.50	1,824	63,838			
16.50	1,941	67,957			
17.50	2,003	70,130			
18.50	2,038	71,358			
19.50	2,074	72,587			
20.50	2,109	73,815			
21.50	2,144	75,044			
22.50	2,179	76,272			
23.50	2,214	77,501			
24.50	2,249	78,730			
25.50	2,284	79,958			
26.50	2,319	81,187			
27.50	2,354	82,415			
28.50	2,389	83,644			
29.50	2,424	84,872			
30.50	2,460	86,101			
31.50	2,495	87,329			
32.50	2,530	88,558			
33.50	2,565	89,787			
34.50	2,600	91,015			
35.50	2,635	92,244			
36.09	2,656	92,968			



SOUNDING TABLE for 5SC

Longitudinal Location of Sounding Tube = 92.13A ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 0.00 ft-CL      Length of Sounding Tube = 17.22 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 17.22 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	57	1,997			
1.50	171	5,991			
2.50	285	9,984			
3.50	399	13,978			
4.50	513	17,972			
5.50	627	21,966			
6.50	742	25,960			
7.50	856	29,954			
8.50	970	33,947			
9.50	1,084	37,941			
10.50	1,198	41,935			
11.50	1,312	45,929			
12.50	1,426	49,923			
13.50	1,540	53,916			
14.50	1,654	57,910			
15.50	1,768	61,904			
16.40	1,872	65,515			

SOUNDING TABLE for 5PC

Longitudinal Location of Sounding Tube = 92.13A ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 0.00 ft-CL      Length of Sounding Tube = 17.22 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 17.22 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	57	1,997			
1.50	171	5,991			
2.50	285	9,984			
3.50	399	13,978			
4.50	513	17,972			
5.50	627	21,966			
6.50	742	25,960			
7.50	856	29,954			
8.50	970	33,947			
9.50	1,084	37,941			
10.50	1,198	41,935			
11.50	1,312	45,929			
12.50	1,426	49,923			
13.50	1,540	53,916			
14.50	1,654	57,910			
15.50	1,768	61,904			
16.40	1,872	65,515			

SOUNDING TABLE for 5AS

Longitudinal Location of Sounding Tube = 192.13A ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 41.99S ft-CL      Length of Sounding Tube = 36.09 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 36.09 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	61	2,144			
1.50	184	6,431			
2.50	306	10,719			
3.50	429	15,006			
4.50	551	19,293			
5.50	674	23,581			
6.50	796	27,868			
7.50	919	32,156			
8.50	1,041	36,443			
9.50	1,164	40,730			
10.50	1,286	45,018			
11.50	1,408	49,305			
12.50	1,531	53,593			
13.50	1,653	57,880			
14.50	1,776	62,167			
15.50	1,898	66,455			
16.50	2,021	70,742			
17.50	2,085	73,004			
18.50	2,122	74,283			
19.50	2,159	75,562			
20.50	2,195	76,841			
21.50	2,232	78,119			
22.50	2,268	79,398			
23.50	2,305	80,677			
24.50	2,341	81,956			
25.50	2,378	83,235			
26.50	2,414	84,514			
27.50	2,451	85,793			
28.50	2,487	87,072			
29.50	2,524	88,351			
30.50	2,560	89,630			
31.50	2,597	90,909			
32.50	2,633	92,187			
33.50	2,670	93,466			
34.50	2,707	94,745			
35.50	2,743	96,024			
36.09	2,765	96,778			

SOUNDING TABLE for 5AP

Longitudinal Location of Sounding Tube = 192.13A ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 41.99P ft-CL      Length of Sounding Tube = 36.09 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 36.09 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	61	2,144			
1.50	184	6,431			
2.50	306	10,719			
3.50	429	15,006			
4.50	551	19,293			
5.50	674	23,581			
6.50	796	27,868			
7.50	919	32,156			
8.50	1,041	36,443			
9.50	1,164	40,730			
10.50	1,286	45,018			
11.50	1,408	49,305			
12.50	1,531	53,593			
13.50	1,653	57,880			
14.50	1,776	62,167			
15.50	1,898	66,455			
16.50	2,021	70,742			
17.50	2,085	73,004			
18.50	2,122	74,283			
19.50	2,159	75,562			
20.50	2,195	76,841			
21.50	2,232	78,119			
22.50	2,268	79,398			
23.50	2,305	80,677			
24.50	2,341	81,956			
25.50	2,378	83,235			
26.50	2,414	84,514			
27.50	2,451	85,793			
28.50	2,487	87,072			
29.50	2,524	88,351			
30.50	2,560	89,630			
31.50	2,597	90,909			
32.50	2,633	92,187			
33.50	2,670	93,466			
34.50	2,707	94,745			
35.50	2,743	96,024			
36.09	2,765	96,778			

SOUNDING TABLE for 5ASC

Longitudinal Location of Sounding Tube = 192.13A ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 0.00 ft-CL      Length of Sounding Tube = 17.22 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 17.22 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	59	2,079			
1.50	178	6,236			
2.50	297	10,394			
3.50	416	14,551			
4.50	534	18,709			
5.50	653	22,866			
6.50	772	27,024			
7.50	891	31,181			
8.50	1,009	35,339			
9.50	1,128	39,496			
10.50	1,247	43,654			
11.50	1,366	47,811			
12.50	1,485	51,969			
13.50	1,603	56,126			
14.50	1,722	60,283			
15.50	1,841	64,441			
16.40	1,948	68,200			

SOUNDING TABLE for 5APC

Longitudinal Location of Sounding Tube = 192.13A ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 0.00 ft-CL      Length of Sounding Tube = 17.22 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 17.22 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	59	2,079			
1.50	178	6,236			
2.50	297	10,394			
3.50	416	14,551			
4.50	534	18,709			
5.50	653	22,866			
6.50	772	27,024			
7.50	891	31,181			
8.50	1,009	35,339			
9.50	1,128	39,496			
10.50	1,247	43,654			
11.50	1,366	47,811			
12.50	1,485	51,969			
13.50	1,603	56,126			
14.50	1,722	60,283			
15.50	1,841	64,441			
16.40	1,948	68,200			

SOUNDING TABLE for 5BFS

Longitudinal Location of Sounding Tube = 242.13A ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 41.99S ft-CL      Length of Sounding Tube = 36.09 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 36.09 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	31	1,072			
1.50	92	3,216			
2.50	153	5,359			
3.50	214	7,503			
4.50	276	9,647			
5.50	337	11,790			
6.50	398	13,934			
7.50	459	16,078			
8.50	521	18,221			
9.50	582	20,365			
10.50	643	22,509			
11.50	704	24,653			
12.50	765	26,796			
13.50	827	28,940			
14.50	888	31,084			
15.50	949	33,227			
16.50	1,010	35,371			
17.50	1,041	36,433			
18.50	1,057	36,989			
19.50	1,072	37,544			
20.50	1,088	38,099			
21.50	1,104	38,655			
22.50	1,120	39,210			
23.50	1,136	39,765			
24.50	1,152	40,320			
25.50	1,168	40,876			
26.50	1,184	41,431			
27.50	1,199	41,986			
28.50	1,215	42,542			
29.50	1,231	43,097			
30.50	1,247	43,652			
31.50	1,263	44,208			
32.50	1,279	44,763			
33.50	1,295	45,318			
34.50	1,310	45,873			
35.50	1,326	46,429			
36.09	1,336	46,756			

SOUNDING TABLE for 5BFP

Longitudinal Location of Sounding Tube = 242.13A ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 41.99F ft-CL      Length of Sounding Tube = 36.09 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 36.09 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	31	1,072			
1.50	92	3,216			
2.50	153	5,359			
3.50	214	7,503			
4.50	276	9,647			
5.50	337	11,790			
6.50	398	13,934			
7.50	459	16,078			
8.50	521	18,221			
9.50	582	20,365			
10.50	643	22,509			
11.50	704	24,653			
12.50	765	26,796			
13.50	827	28,940			
14.50	888	31,084			
15.50	949	33,227			
16.50	1,010	35,371			
17.50	1,041	36,433			
18.50	1,057	36,989			
19.50	1,072	37,544			
20.50	1,088	38,099			
21.50	1,104	38,655			
22.50	1,120	39,210			
23.50	1,136	39,765			
24.50	1,152	40,320			
25.50	1,168	40,876			
26.50	1,184	41,431			
27.50	1,199	41,986			
28.50	1,215	42,542			
29.50	1,231	43,097			
30.50	1,247	43,652			
31.50	1,263	44,208			
32.50	1,279	44,763			
33.50	1,295	45,318			
34.50	1,310	45,873			
35.50	1,326	46,429			
36.09	1,336	46,756			



SOUNDING TABLE for 5BFSC

Longitudinal Location of Sounding Tube = 242.09A ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 0.00 ft-CL      Length of Sounding Tube = 17.22 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 17.22 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	30	1,039			
1.50	89	3,116			
2.50	148	5,193			
3.50	208	7,271			
4.50	267	9,348			
5.50	326	11,426			
6.50	386	13,503			
7.50	445	15,580			
8.50	504	17,658			
9.50	564	19,735			
10.50	623	21,812			
11.50	682	23,890			
12.50	742	25,967			
13.50	801	28,045			
14.50	860	30,122			
15.50	920	32,199			
16.40	973	34,078			

SOUNDING TABLE for 5BFPC

Longitudinal Location of Sounding Tube = 242.13A ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 0.00 ft-CL      Length of Sounding Tube = 17.22 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 17.22 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	30	1,039			
1.50	89	3,118			
2.50	148	5,197			
3.50	208	7,276			
4.50	267	9,354			
5.50	327	11,433			
6.50	386	13,512			
7.50	445	15,591			
8.50	505	17,669			
9.50	564	19,748			
10.50	624	21,827			
11.50	683	23,906			
12.50	742	25,984			
13.50	802	28,063			
14.50	861	30,142			
15.50	920	32,220			
16.40	974	34,100			

SOUNDING TABLE for 5BAS

Longitudinal Location of Sounding Tube = 292.13A ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 41.99S ft-CL      Length of Sounding Tube = 36.09 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 36.09 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	31	1,072			
1.50	92	3,216			
2.50	153	5,359			
3.50	214	7,503			
4.50	276	9,647			
5.50	337	11,790			
6.50	398	13,934			
7.50	459	16,078			
8.50	521	18,221			
9.50	582	20,365			
10.50	643	22,509			
11.50	704	24,653			
12.50	765	26,796			
13.50	827	28,940			
14.50	888	31,084			
15.50	949	33,227			
16.50	1,010	35,371			
17.50	1,045	36,576			
18.50	1,066	37,307			
19.50	1,087	38,038			
20.50	1,107	38,769			
21.50	1,128	39,499			
22.50	1,149	40,230			
23.50	1,170	40,961			
24.50	1,191	41,692			
25.50	1,212	42,423			
26.50	1,233	43,153			
27.50	1,254	43,884			
28.50	1,274	44,615			
29.50	1,295	45,346			
30.50	1,316	46,077			
31.50	1,337	46,807			
32.50	1,358	47,538			
33.50	1,379	48,269			
34.50	1,400	49,000			
35.50	1,421	49,731			
36.09	1,433	50,161			

SOUNDING TABLE for 5BAP

Longitudinal Location of Sounding Tube = 292.13A ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 41.99P ft-CL      Length of Sounding Tube = 36.09 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 36.09 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	31	1,072			
1.50	92	3,216			
2.50	153	5,359			
3.50	214	7,503			
4.50	276	9,647			
5.50	337	11,790			
6.50	398	13,934			
7.50	459	16,078			
8.50	521	18,221			
9.50	582	20,365			
10.50	643	22,509			
11.50	704	24,653			
12.50	765	26,796			
13.50	827	28,940			
14.50	888	31,084			
15.50	949	33,227			
16.50	1,010	35,371			
17.50	1,045	36,576			
18.50	1,066	37,307			
19.50	1,087	38,038			
20.50	1,107	38,769			
21.50	1,128	39,499			
22.50	1,149	40,230			
23.50	1,170	40,961			
24.50	1,191	41,692			
25.50	1,212	42,423			
26.50	1,233	43,153			
27.50	1,254	43,884			
28.50	1,274	44,615			
29.50	1,295	45,346			
30.50	1,316	46,077			
31.50	1,337	46,807			
32.50	1,358	47,538			
33.50	1,379	48,269			
34.50	1,400	49,000			
35.50	1,421	49,731			
36.09	1,433	50,161			

SOUNDING TABLE for 5BASC

Longitudinal Location of Sounding Tube = 292.13A ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 0.00 ft-CL      Length of Sounding Tube = 17.22 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 17.22 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	30	1,039			
1.50	89	3,118			
2.50	148	5,197			
3.50	208	7,276			
4.50	267	9,354			
5.50	327	11,433			
6.50	386	13,512			
7.50	445	15,591			
8.50	505	17,669			
9.50	564	19,748			
10.50	624	21,827			
11.50	683	23,906			
12.50	742	25,984			
13.50	802	28,063			
14.50	861	30,142			
15.50	920	32,220			
16.40	974	34,100			

SOUNDING TABLE for 5BAPC

Longitudinal Location of Sounding Tube = 292.13A ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 0.00 ft-CL      Length of Sounding Tube = 17.22 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 17.22 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	30	1,039			
1.50	89	3,118			
2.50	148	5,197			
3.50	208	7,276			
4.50	267	9,354			
5.50	327	11,433			
6.50	386	13,512			
7.50	445	15,591			
8.50	505	17,669			
9.50	564	19,748			
10.50	624	21,827			
11.50	683	23,906			
12.50	742	25,984			
13.50	802	28,063			
14.50	861	30,142			
15.50	920	32,220			
16.40	974	34,100			

SOUNDING TABLE for 6FS

Longitudinal Location of Sounding Tube = 343.77A ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 41.99S ft-CL      Length of Sounding Tube = 36.09 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 36.09 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	32	1,107			
1.50	95	3,321			
2.50	158	5,535			
3.50	221	7,749			
4.50	285	9,963			
5.50	348	12,177			
6.50	411	14,391			
7.50	474	16,605			
8.50	538	18,819			
9.50	601	21,033			
10.50	664	23,247			
11.50	727	25,461			
12.50	791	27,675			
13.50	854	29,889			
14.50	917	32,103			
15.50	980	34,317			
16.50	1,044	36,532			
17.50	1,079	37,776			
18.50	1,101	38,531			
19.50	1,122	39,286			
20.50	1,144	40,041			
21.50	1,165	40,795			
22.50	1,187	41,550			
23.50	1,208	42,305			
24.50	1,230	43,060			
25.50	1,252	43,814			
26.50	1,273	44,569			
27.50	1,295	45,324			
28.50	1,316	46,079			
29.50	1,338	46,834			
30.50	1,359	47,588			
31.50	1,381	48,343			
32.50	1,403	49,098			
33.50	1,424	49,853			
34.50	1,446	50,607			
35.50	1,467	51,362			
36.09	1,480	51,807			

SOUNDING TABLE for 6FP

Longitudinal Location of Sounding Tube = 343.77A ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 41.99P ft-CL      Length of Sounding Tube = 36.09 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 36.09 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	32	1,107			
1.50	95	3,321			
2.50	158	5,535			
3.50	221	7,749			
4.50	285	9,963			
5.50	348	12,177			
6.50	411	14,391			
7.50	474	16,605			
8.50	538	18,819			
9.50	601	21,033			
10.50	664	23,247			
11.50	727	25,461			
12.50	791	27,675			
13.50	854	29,889			
14.50	917	32,103			
15.50	980	34,317			
16.50	1,044	36,532			
17.50	1,079	37,776			
18.50	1,101	38,531			
19.50	1,122	39,286			
20.50	1,144	40,041			
21.50	1,165	40,795			
22.50	1,187	41,550			
23.50	1,208	42,305			
24.50	1,230	43,060			
25.50	1,252	43,814			
26.50	1,273	44,569			
27.50	1,295	45,324			
28.50	1,316	46,079			
29.50	1,338	46,834			
30.50	1,359	47,588			
31.50	1,381	48,343			
32.50	1,403	49,098			
33.50	1,424	49,853			
34.50	1,446	50,607			
35.50	1,467	51,362			
36.09	1,480	51,807			



SOUNDING TABLE for 6FSC

Longitudinal Location of Sounding Tube = 343.77A ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 0.00 ft-CL      Length of Sounding Tube = 17.22 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 17.22 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	31	1,073			
1.50	92	3,220			
2.50	153	5,367			
3.50	215	7,514			
4.50	276	9,661			
5.50	337	11,808			
6.50	399	13,955			
7.50	460	16,102			
8.50	521	18,249			
9.50	583	20,396			
10.50	644	22,543			
11.50	705	24,690			
12.50	767	26,837			
13.50	828	28,984			
14.50	889	31,131			
15.50	951	33,278			
16.40	1,006	35,219			

SOUNDING TABLE for 6FPC

Longitudinal Location of Sounding Tube = 343.77A ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 0.00 ft-CL      Length of Sounding Tube = 17.22 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 17.22 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	31	1,073			
1.50	92	3,220			
2.50	153	5,367			
3.50	215	7,514			
4.50	276	9,661			
5.50	337	11,808			
6.50	399	13,955			
7.50	460	16,102			
8.50	521	18,249			
9.50	583	20,396			
10.50	644	22,543			
11.50	705	24,690			
12.50	767	26,837			
13.50	828	28,984			
14.50	889	31,131			
15.50	951	33,278			
16.40	1,006	35,219			

SOUNDING TABLE for 6AS

Longitudinal Location of Sounding Tube = 391.99A ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 0.00 ft-CL      Length of Sounding Tube = 16.94 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 16.94 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	20	713			
1.50	64	2,251			
2.50	112	3,936			
3.50	165	5,768			
4.50	221	7,748			
5.50	280	9,816			
6.50	339	11,883			
7.50	399	13,951			
8.50	458	16,019			
9.50	517	18,086			
10.50	576	20,154			
11.50	635	22,222			
12.50	694	24,290			
13.50	753	26,357			
14.50	812	28,425			
15.50	871	30,493			
16.40	924	32,363			

SOUNDING TABLE for 6AP

Longitudinal Location of Sounding Tube = 391.99A ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 0.00 ft-CL      Length of Sounding Tube = 16.94 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 16.94 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	20	713			
1.50	64	2,251			
2.50	112	3,936			
3.50	165	5,768			
4.50	221	7,748			
5.50	280	9,816			
6.50	339	11,883			
7.50	399	13,951			
8.50	458	16,019			
9.50	517	18,086			
10.50	576	20,154			
11.50	635	22,222			
12.50	694	24,290			
13.50	753	26,357			
14.50	812	28,425			
15.50	871	30,493			
16.40	924	32,363			

SOUNDING TABLE for 6ASC

Longitudinal Location of Sounding Tube = 391.99A ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 0.00 ft-CL      Length of Sounding Tube = 17.22 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 17.22 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	20	692			
1.50	62	2,182			
2.50	109	3,816			
3.50	160	5,593			
4.50	215	7,514			
5.50	272	9,518			
6.50	329	11,523			
7.50	386	13,528			
8.50	444	15,533			
9.50	501	17,538			
10.50	558	19,544			
11.50	616	21,549			
12.50	673	23,554			
13.50	730	25,559			
14.50	787	27,564			
15.50	845	29,569			
16.40	896	31,382			

SOUNDING TABLE for 6APC

Longitudinal Location of Sounding Tube = 391.99A ft-MS      Thickness of Strike Plate = 0.00 in  
 Transverse Location of Sounding Tube = 0.00 ft-CL      Length of Sounding Tube = 17.22 ft  
 Bottom of Sounding Tube = 0.00 ft-BL      Top of Sounding Tube = 17.22 ft-BL

SOUNDING ft	WEIGHT LTons	VOLUME ft3	SOUNDING ft	WEIGHT LTons	VOLUME ft3
0.50	20	692			
1.50	62	2,182			
2.50	109	3,816			
3.50	160	5,593			
4.50	215	7,514			
5.50	272	9,518			
6.50	329	11,523			
7.50	386	13,528			
8.50	444	15,533			
9.50	501	17,538			
10.50	558	19,544			
11.50	616	21,549			
12.50	673	23,554			
13.50	730	25,559			
14.50	787	27,564			
15.50	845	29,569			
16.40	896	31,382			

TANK CENTERS/FREE SURFACE TABLES  
 NASSCO BUILDER

No. 1 FUEL XFER

VOLUME	VCG	LCG	TCG	INERTIA	VOLUME	VCG	LCG	TCG	INERTIA
ft3	ft	ft-AP	ft-CL	ft4	ft3	ft	ft-AP	ft-CL	ft4
0.0	45.16	425.95F	83.46S	0	236.4	47.88	425.95F	83.46S	50
39.4	45.61	425.95F	83.46S	51	275.8	48.34	425.95F	83.46S	50
78.8	46.07	425.95F	83.46S	51	315.2	48.79	425.95F	83.46S	51
118.2	46.52	425.95F	83.46S	51	354.6	49.24	425.95F	83.46S	51
157.6	46.98	425.95F	83.46S	51	386.1	49.61	425.95F	83.46S	51
197.0	47.43	425.95F	83.46S	51	394.0	49.70	425.95F	83.46S	0

No. 2 1FS

VOLUME	VCG	LCG	TCG	INERTIA	VOLUME	VCG	LCG	TCG	INERTIA
ft3	ft	ft-AP	ft-CL	ft4	ft3	ft	ft-AP	ft-CL	ft4
0.0	0.00	752.04F	63.55S	0	19463.4	5.37	758.37F	63.65S	329354
2566.6	0.87	753.47F	61.90S	313009	22966.9	6.23	758.60F	63.65S	328783
5556.8	1.78	755.03F	63.31S	332352	26470.3	7.09	758.77F	63.65S	328468
8953.2	2.72	756.60F	63.65S	332712	29973.7	7.94	758.90F	63.65S	325209
12456.6	3.62	757.52F	63.65S	334067	32494.2	8.56	758.97F	63.65S	145504
15960.0	4.50	758.04F	63.65S	330562	33157.3	8.72	758.99F	63.58S	0

No. 3 1FP

VOLUME	VCG	LCG	TCG	INERTIA	VOLUME	VCG	LCG	TCG	INERTIA
ft3	ft	ft-AP	ft-CL	ft4	ft3	ft	ft-AP	ft-CL	ft4
0.0	0.00	752.04F	63.55P	0	19463.4	5.37	758.37F	63.65P	329355
2566.6	0.87	753.47F	61.90P	313008	22966.9	6.23	758.60F	63.65P	328785
5556.8	1.78	755.03F	63.31P	332351	26470.3	7.09	758.77F	63.65P	328466
8953.2	2.72	756.60F	63.65P	332709	29973.7	7.94	758.90F	63.65P	325209
12456.6	3.62	757.52F	63.65P	334067	32494.2	8.56	758.97F	63.65P	145509
15960.0	4.50	758.04F	63.65P	330562	33157.3	8.72	758.99F	63.58P	0

No. 4 1FSC

VOLUME	VCG	LCG	TCG	INERTIA	VOLUME	VCG	LCG	TCG	INERTIA
ft3	ft	ft-AP	ft-CL	ft4	ft3	ft	ft-AP	ft-CL	ft4
0.0	0.00	752.04F	20.97S	0	19212.0	5.45	758.39F	21.00S	300242
2533.6	0.89	753.49F	20.41S	265802	22665.6	6.33	758.62F	21.00S	299748
5491.8	1.81	755.09F	20.88S	293056	26119.2	7.20	758.79F	21.00S	299471
8851.0	2.76	756.66F	21.00S	304547	29572.9	8.07	758.91F	21.00S	298413
12304.7	3.68	757.56F	21.00S	304233	32107.0	8.71	758.99F	21.00S	136756
15758.3	4.57	758.07F	21.00S	301277	32762.2	8.87	759.01F	20.93S	0

TANK CENTERS/FREE SURFACE TABLES  
 NASSCO BUILDER

No. 5 1FPC

VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4	VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4
0.0	0.00	752.04F	20.97P	0	19212.0	5.45	758.39F	21.00P	300243
2533.6	0.89	753.49F	20.41P	265802	22665.6	6.33	758.62F	21.00P	299746
5491.8	1.81	755.09F	20.88P	293057	26119.2	7.20	758.79F	21.00P	299470
8851.0	2.76	756.66F	21.00P	304546	29572.9	8.07	758.91F	21.00P	298411
12304.7	3.68	757.56F	21.00P	304233	32107.0	8.71	758.99F	21.00P	136757
15758.3	4.57	758.07F	21.00P	301278	32762.2	8.87	759.01F	20.93P	0

No. 6 1AS

VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4	VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4
0.0	0.00	709.94F	63.65S	0	40911.2	9.38	709.94F	64.90S	13904
7990.3	1.80	709.94F	63.65S	350869	43635.2	10.26	709.94F	65.71S	13905
15980.6	3.61	709.94F	63.65S	350868	46359.1	11.25	709.94F	66.43S	13899
23970.8	5.41	709.94F	63.65S	350871	49083.1	12.32	709.94F	67.07S	13908
31961.1	7.22	709.94F	63.65S	350872	50770.9	13.03	709.94F	67.43S	13904
38187.3	8.63	709.94F	63.97S	196332	51807.0	13.48	709.94F	67.64S	0

No. 7 1AP

VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4	VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4
0.0	0.00	709.94F	63.65P	0	40911.2	9.38	709.94F	64.90P	13904
7990.3	1.80	709.94F	63.65P	350868	43635.2	10.26	709.94F	65.71P	13905
15980.6	3.61	709.94F	63.65P	350870	46359.1	11.25	709.94F	66.43P	13903
23970.8	5.41	709.94F	63.65P	350871	49083.1	12.32	709.94F	67.07P	13901
31961.1	7.22	709.94F	63.65P	350872	50770.9	13.03	709.94F	67.43P	13904
38187.3	8.63	709.94F	63.97P	196332	51807.0	13.48	709.94F	67.64P	0

No. 8 1ASC

VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4	VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4
0.0	0.00	709.94F	21.00S	0	22187.9	5.17	709.94F	21.00S	319928
3698.0	0.86	709.94F	21.00S	318981	25885.8	6.03	709.94F	21.00S	319928
7396.0	1.72	709.94F	21.00S	319928	29583.8	6.89	709.94F	21.00S	319929
11093.9	2.58	709.94F	21.00S	319928	33281.8	7.75	709.94F	21.00S	318980
14791.9	3.44	709.94F	21.00S	319928	35962.8	8.38	709.94F	21.00S	150593
18489.9	4.31	709.94F	21.00S	319928	36696.8	8.55	709.94F	20.94S	0



TANK CENTERS/FREE SURFACE TABLES  
 NASSCO BUILDER

No. 9 1APC

VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4	VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4
0.0	0.00	709.94F	21.00P	0	22187.9	5.17	709.94F	21.00P	319928
3698.0	0.86	709.94F	21.00P	318981	25885.8	6.03	709.94F	21.00P	319928
7396.0	1.72	709.94F	21.00P	319928	29583.8	6.89	709.94F	21.00P	319929
11093.9	2.58	709.94F	21.00P	319928	33281.8	7.75	709.94F	21.00P	318980
14791.9	3.44	709.94F	21.00P	319928	35962.8	8.38	709.94F	21.00P	150592
18489.9	4.31	709.94F	21.00P	319928	36696.8	8.55	709.94F	20.94P	0

No. 10 2FS

VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4	VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4
0.0	0.00	658.30F	63.65S	0	40911.2	9.38	658.30F	64.90S	13907
7990.3	1.80	658.30F	63.65S	350868	43635.2	10.26	658.30F	65.71S	13902
15980.5	3.61	658.30F	63.65S	350869	46359.1	11.25	658.30F	66.43S	13903
23970.8	5.41	658.30F	63.65S	350869	49083.0	12.32	658.30F	67.07S	13904
31961.1	7.22	658.30F	63.65S	350869	50770.9	13.03	658.30F	67.43S	13904
38187.2	8.63	658.30F	63.97S	196335	51807.0	13.48	658.30F	67.64S	0

No. 11 2FP

VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4	VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4
0.0	0.00	658.30F	63.65P	0	40911.2	9.38	658.30F	64.90P	13904
7990.3	1.80	658.30F	63.65P	350868	43635.2	10.26	658.30F	65.71P	13909
15980.5	3.61	658.30F	63.65P	350869	46359.1	11.25	658.30F	66.43P	13903
23970.8	5.41	658.30F	63.65P	350869	49083.0	12.32	658.30F	67.07P	13904
31961.1	7.22	658.30F	63.65P	350869	50770.9	13.03	658.30F	67.43P	13904
38187.2	8.63	658.30F	63.97P	196335	51807.0	13.48	658.30F	67.64P	0

No. 12 2FSC

VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4	VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4
0.0	0.00	658.30F	21.00S	0	22187.9	5.17	658.30F	21.00S	319928
3698.0	0.86	658.30F	21.00S	318981	25885.8	6.03	658.30F	21.00S	319928
7396.0	1.72	658.30F	21.00S	319928	29583.8	6.89	658.30F	21.00S	319929
11093.9	2.58	658.30F	21.00S	319928	33281.8	7.75	658.30F	21.00S	318981
14791.9	3.44	658.30F	21.00S	319928	35962.8	8.38	658.30F	21.00S	150591
18489.9	4.31	658.30F	21.00S	319929	36696.7	8.55	658.30F	20.94S	0

TANK CENTERS/FREE SURFACE TABLES  
 NASSCO BUILDER

No. 13 2FPC

VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4	VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4
0.0	0.00	658.30F	21.00P	0	22187.9	5.17	658.30F	21.00P	319928
3698.0	0.86	658.30F	21.00P	318981	25885.8	6.03	658.30F	21.00P	319928
7396.0	1.72	658.30F	21.00P	319928	29583.8	6.89	658.30F	21.00P	319929
11093.9	2.58	658.30F	21.00P	319928	33281.8	7.75	658.30F	21.00P	318981
14791.9	3.44	658.30F	21.00P	319929	35962.8	8.38	658.30F	21.00P	150591
18489.9	4.31	658.30F	21.00P	319929	36696.7	8.55	658.30F	20.94P	0

No. 14 2AS

VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4	VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4
0.0	0.00	610.27F	63.65S	0	34321.3	9.13	610.68F	64.57S	8729
6873.5	1.80	610.27F	63.65S	301828	36031.1	9.81	610.95F	65.20S	8728
13746.9	3.61	610.27F	63.65S	301827	37740.9	10.59	611.19F	65.78S	8732
20620.4	5.41	610.27F	63.65S	301828	39450.8	11.46	611.41F	66.30S	8732
27493.9	7.22	610.27F	63.65S	301828	40337.4	11.95	611.51F	66.56S	8732
32611.4	8.57	610.39F	63.87S	143414	41160.6	12.41	611.61F	66.79S	0

No. 15 2AP

VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4	VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4
0.0	0.00	610.27F	63.65P	0	34321.3	9.13	610.68F	64.57P	8727
6873.5	1.80	610.27F	63.65P	301828	36031.1	9.81	610.95F	65.20P	8728
13746.9	3.61	610.27F	63.65P	301827	37740.9	10.59	611.19F	65.78P	8734
20620.4	5.41	610.27F	63.65P	301828	39450.8	11.46	611.41F	66.30P	8732
27493.9	7.22	610.27F	63.65P	301830	40337.4	11.95	611.51F	66.56P	8732
32611.4	8.57	610.39F	63.87P	143414	41160.6	12.41	611.61F	66.79P	0

No. 16 2ASC

VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4	VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4
0.0	0.00	610.27F	21.00S	0	19086.6	5.17	610.27F	21.00S	275213
3181.1	0.86	610.27F	21.00S	274397	22267.8	6.03	610.27F	21.00S	275213
6362.2	1.72	610.27F	21.00S	275212	25448.9	6.89	610.27F	21.00S	275212
9543.3	2.58	610.27F	21.00S	275212	28630.0	7.75	610.27F	21.00S	274397
12724.4	3.44	610.27F	21.00S	275212	30936.3	8.38	610.27F	21.00S	129544
15905.5	4.31	610.27F	21.00S	275212	31567.6	8.55	610.27F	20.94S	0

TANK CENTERS/FREE SURFACE TABLES  
 NASSCO BUILDER

No. 17 2APC

VOLUME	VCG	LCG	TCG	INERTIA	VOLUME	VCG	LCG	TCG	INERTIA
ft3	ft	ft-AP	ft-CL	ft4	ft3	ft	ft-AP	ft-CL	ft4
0.0	0.00	610.27F	21.00P	0	19086.6	5.17	610.27F	21.00P	275213
3181.1	0.86	610.27F	21.00P	274397	22267.8	6.03	610.27F	21.00P	275213
6362.2	1.72	610.27F	21.00P	275212	25448.9	6.89	610.27F	21.00P	275212
9543.3	2.58	610.27F	21.00P	275212	28630.0	7.75	610.27F	21.00P	274397
12724.4	3.44	610.27F	21.00P	275212	30936.3	8.38	610.27F	21.00P	129544
15905.5	4.31	610.27F	21.00P	275212	31567.6	8.55	610.27F	20.94P	0

No. 18 3S

VOLUME	VCG	LCG	TCG	INERTIA	VOLUME	VCG	LCG	TCG	INERTIA
ft3	ft	ft-AP	ft-CL	ft4	ft3	ft	ft-AP	ft-CL	ft4
0.0	0.00	540.03F	63.65S	0	72465.5	9.15	542.19F	64.55S	22641
14853.7	1.80	540.03F	63.65S	652697	76899.2	9.98	542.41F	65.32S	22637
29650.9	3.60	540.13F	63.61S	640060	81333.0	10.91	542.61F	66.01S	22627
43656.7	5.34	540.93F	63.45S	596289	85766.8	11.93	542.78F	66.63S	22629
57408.6	7.08	541.57F	63.40S	595821	88396.6	12.58	542.88F	66.96S	22624
68031.7	8.46	541.94F	63.68S	332931	90200.6	13.03	542.94F	67.18S	0

No. 19 3P

VOLUME	VCG	LCG	TCG	INERTIA	VOLUME	VCG	LCG	TCG	INERTIA
ft3	ft	ft-AP	ft-CL	ft4	ft3	ft	ft-AP	ft-CL	ft4
0.0	0.00	540.03F	63.65P	0	72465.5	9.15	542.19F	64.55P	22641
14853.7	1.80	540.03F	63.65P	652697	76899.2	9.98	542.41F	65.32P	22637
29650.9	3.60	540.13F	63.61P	640060	81333.0	10.91	542.61F	66.01P	22627
43656.7	5.34	540.93F	63.45P	596289	85766.8	11.93	542.78F	66.63P	22629
57408.6	7.08	541.57F	63.40P	595817	88396.6	12.58	542.88F	66.96P	22624
68031.7	8.46	541.94F	63.68P	332926	90200.6	13.03	542.94F	67.18P	0

No. 20 3SC

VOLUME	VCG	LCG	TCG	INERTIA	VOLUME	VCG	LCG	TCG	INERTIA
ft3	ft	ft-AP	ft-CL	ft4	ft3	ft	ft-AP	ft-CL	ft4
0.0	0.00	540.03F	21.00S	0	41056.9	5.14	540.27F	21.00S	568604
6879.1	0.86	540.03F	21.00S	593378	47593.0	5.97	540.56F	21.00S	565464
13758.2	1.72	540.03F	21.00S	595140	54129.1	6.81	540.79F	21.00S	565465
20637.3	2.58	540.03F	21.00S	595140	60665.2	7.66	540.96F	21.00S	563790
27516.3	3.44	540.03F	21.00S	595140	65367.0	8.26	541.07F	21.00S	271065
34395.4	4.31	540.03F	21.00S	587515	66701.0	8.44	541.10F	20.94S	0

TANK CENTERS/FREE SURFACE TABLES  
 NASSCO BUILDER

No. 21 3PC

VOLUME	VCG	LCG	TCG	INERTIA	VOLUME	VCG	LCG	TCG	INERTIA
ft3	ft	ft-AP	ft-CL	ft4	ft3	ft	ft-AP	ft-CL	ft4
0.0	0.00	540.03F	21.00P	0	41056.9	5.14	540.27F	21.00P	568604
6879.1	0.86	540.03F	21.00P	593378	47593.0	5.97	540.56F	21.00P	565464
13758.2	1.72	540.03F	21.00P	595140	54129.1	6.81	540.79F	21.00P	565465
20637.3	2.58	540.03F	21.00P	595140	60665.2	7.66	540.96F	21.00P	563790
27516.3	3.44	540.03F	21.00P	595140	65367.0	8.26	541.07F	21.00P	271065
34395.4	4.31	540.03F	21.00P	587515	66701.0	8.44	541.10F	20.94P	0

No. 22 4S

VOLUME	VCG	LCG	TCG	INERTIA	VOLUME	VCG	LCG	TCG	INERTIA
ft3	ft	ft-AP	ft-CL	ft4	ft3	ft	ft-AP	ft-CL	ft4
0.0	0.00	443.96F	63.65S	0	75232.5	9.27	443.48F	64.75S	22627
14863.7	1.80	443.96F	63.65S	652697	79666.3	10.06	443.17F	65.48S	22631
29727.5	3.61	443.96F	63.65S	652698	84100.1	10.95	442.89F	66.14S	22629
44591.2	5.41	443.96F	63.65S	652697	88533.8	11.94	442.65F	66.73S	22640
59455.0	7.22	443.96F	63.65S	652698	91108.2	12.55	442.52F	67.04S	22643
70798.7	8.60	443.82F	63.92S	341422	92967.6	13.01	442.42F	67.26S	0

No. 23 4P

VOLUME	VCG	LCG	TCG	INERTIA	VOLUME	VCG	LCG	TCG	INERTIA
ft3	ft	ft-AP	ft-CL	ft4	ft3	ft	ft-AP	ft-CL	ft4
0.0	0.00	443.96F	63.65P	0	75232.5	9.27	443.48F	64.75P	22627
14863.7	1.80	443.96F	63.65P	652697	79666.3	10.06	443.17F	65.48P	22631
29727.5	3.61	443.96F	63.65P	652696	84100.1	10.95	442.89F	66.14P	22629
44591.2	5.41	443.96F	63.65P	652697	88533.8	11.94	442.65F	66.73P	22627
59455.0	7.22	443.96F	63.65P	652698	91108.2	12.55	442.52F	67.04P	22637
70798.7	8.60	443.82F	63.92P	341422	92967.6	13.01	442.42F	67.26P	0

No. 24 4SC

VOLUME	VCG	LCG	TCG	INERTIA	VOLUME	VCG	LCG	TCG	INERTIA
ft3	ft	ft-AP	ft-CL	ft4	ft3	ft	ft-AP	ft-CL	ft4
0.0	0.00	443.96F	21.00S	0	41274.5	5.17	443.96F	21.00S	595140
6879.1	0.86	443.96F	21.00S	593378	48153.6	6.03	443.96F	21.00S	595141
13758.2	1.72	443.96F	21.00S	595140	55032.7	6.89	443.96F	21.00S	595140
20637.3	2.58	443.96F	21.00S	595139	61911.8	7.75	443.96F	21.00S	593377
27516.3	3.44	443.96F	21.00S	595140	66899.1	8.38	443.96F	21.00S	280136
34395.4	4.31	443.96F	21.00S	595140	68264.4	8.55	443.96F	20.94S	0

TANK CENTERS/FREE SURFACE TABLES  
 NASSCO BUILDER

No. 25 4PC

VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4	VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4
0.0	0.00	443.96F	21.00P	0	41274.5	5.17	443.96F	21.00P	595140
6879.1	0.86	443.96F	21.00P	593378	48153.6	6.03	443.96F	21.00P	595141
13758.2	1.72	443.96F	21.00P	595140	55032.7	6.89	443.96F	21.00P	595140
20637.3	2.58	443.96F	21.00P	595139	61911.8	7.75	443.96F	21.00P	593377
27516.3	3.44	443.96F	21.00P	595140	66899.1	8.38	443.96F	21.00P	280135
34395.4	4.31	443.96F	21.00P	595140	68264.4	8.55	443.96F	20.94P	0

No. 26 5S

VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4	VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4
0.0	0.00	347.90F	63.65S	0	75232.5	9.27	347.41F	64.75S	22632
14863.7	1.80	347.90F	63.65S	652695	79666.3	10.06	347.11F	65.48S	22631
29727.5	3.61	347.90F	63.65S	652695	84100.1	10.95	346.83F	66.14S	22629
44591.2	5.41	347.90F	63.65S	652697	88533.8	11.94	346.58F	66.73S	22647
59454.9	7.22	347.90F	63.65S	652698	91108.2	12.55	346.45F	67.04S	22631
70798.7	8.60	347.76F	63.92S	341406	92967.6	13.01	346.36F	67.26S	0

No. 27 5P

VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4	VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4
0.0	0.00	347.90F	63.65P	0	75232.5	9.27	347.41F	64.75P	22632
14863.7	1.80	347.90F	63.65P	652695	79666.3	10.06	347.11F	65.48P	22637
29727.5	3.61	347.90F	63.65P	652698	84100.1	10.95	346.83F	66.14P	22635
44591.2	5.41	347.90F	63.65P	652697	88533.8	11.94	346.58F	66.73P	22627
59454.9	7.22	347.90F	63.65P	652698	91108.2	12.55	346.45F	67.04P	22631
70798.7	8.60	347.76F	63.92P	341406	92967.6	13.01	346.36F	67.26P	0

No. 28 5SC

VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4	VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4
0.0	0.00	347.90F	21.00S	0	41274.5	5.17	347.90F	21.00S	595141
6879.1	0.86	347.90F	21.00S	593378	48153.6	6.03	347.90F	21.00S	595140
13758.2	1.72	347.90F	21.00S	595140	55032.7	6.89	347.90F	21.00S	595141
20637.3	2.58	347.90F	21.00S	595140	61911.8	7.75	347.90F	21.00S	593376
27516.3	3.44	347.90F	21.00S	595140	66899.1	8.38	347.90F	21.00S	280136
34395.4	4.31	347.90F	21.00S	595140	68264.4	8.55	347.90F	20.94S	0

TANK CENTERS/FREE SURFACE TABLES  
 NASSCO BUILDER

No. 29 5PC

VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4	VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4
0.0	0.00	347.90F	21.00P	0	41274.5	5.17	347.90F	21.00P	595141
6879.1	0.86	347.90F	21.00P	593378	48153.6	6.03	347.90F	21.00P	595140
13758.2	1.72	347.90F	21.00P	595140	55032.7	6.89	347.90F	21.00P	595141
20637.3	2.58	347.90F	21.00P	595140	61911.8	7.75	347.90F	21.00P	593376
27516.3	3.44	347.90F	21.00P	595140	66899.1	8.38	347.90F	21.00P	280136
34395.4	4.31	347.90F	21.00P	595140	68264.4	8.55	347.90F	20.94P	0

No. 30 5AS

VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4	VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4
0.0	0.00	249.87F	63.65S	0	78315.8	9.27	249.36F	64.75S	23554
15472.9	1.80	249.87F	63.65S	679446	82931.3	10.06	249.04F	65.48S	23553
30945.8	3.61	249.87F	63.65S	679446	87546.8	10.95	248.76F	66.14S	23556
46418.7	5.41	249.87F	63.65S	679447	92162.3	11.94	248.50F	66.73S	23561
61891.6	7.22	249.87F	63.65S	679448	94842.2	12.55	248.36F	67.04S	23565
73700.3	8.60	249.72F	63.92S	355398	96777.8	13.01	248.27F	67.26S	0

No. 31 5AP

VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4	VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4
0.0	0.00	249.87F	63.65P	0	78315.8	9.27	249.36F	64.75P	23554
15472.9	1.80	249.87F	63.65P	679446	82931.3	10.06	249.04F	65.48P	23565
30945.8	3.61	249.87F	63.65P	679446	87546.8	10.95	248.76F	66.14P	23569
46418.7	5.41	249.87F	63.65P	679447	92162.3	11.94	248.50F	66.73P	23568
61891.6	7.22	249.87F	63.65P	679448	94842.2	12.55	248.36F	67.04P	23558
73700.3	8.60	249.72F	63.92P	355398	96777.8	13.01	248.27F	67.26P	0

No. 32 5ASC

VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4	VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4
0.0	0.00	249.87F	21.00S	0	42966.1	5.17	249.87F	21.00S	619531
7161.0	0.86	249.87F	21.00S	617697	50127.1	6.03	249.87F	21.00S	619531
14322.0	1.72	249.87F	21.00S	619531	57288.1	6.89	249.87F	21.00S	619531
21483.1	2.58	249.87F	21.00S	619531	64449.2	7.75	249.87F	21.00S	617696
28644.1	3.44	249.87F	21.00S	619531	69640.9	8.38	249.87F	21.00S	291615
35805.1	4.31	249.87F	21.00S	619532	71062.2	8.55	249.87F	20.94S	0

TANK CENTERS/FREE SURFACE TABLES  
 NASSCO BUILDER

No. 33 5APC

VOLUME	VCG	LCG	TCG	INERTIA	VOLUME	VCG	LCG	TCG	INERTIA
ft3	ft	ft-AP	ft-CL	ft4	ft3	ft	ft-AP	ft-CL	ft4
0.0	0.00	249.87F	21.00P	0	42966.1	5.17	249.87F	21.00P	619531
7161.0	0.86	249.87F	21.00P	617697	50127.1	6.03	249.87F	21.00P	619531
14322.0	1.72	249.87F	21.00P	619531	57288.1	6.89	249.87F	21.00P	619531
21483.1	2.58	249.87F	21.00P	619531	64449.2	7.75	249.87F	21.00P	617696
28644.1	3.44	249.87F	21.00P	619532	69640.9	8.38	249.87F	21.00P	291616
35805.1	4.31	249.87F	21.00P	619532	71062.2	8.55	249.87F	20.94P	0

No. 34 5BFS

VOLUME	VCG	LCG	TCG	INERTIA	VOLUME	VCG	LCG	TCG	INERTIA
ft3	ft	ft-AP	ft-CL	ft4	ft3	ft	ft-AP	ft-CL	ft4
0.0	0.00	174.87F	63.65S	0	38739.9	9.16	174.44F	64.61S	10233
7736.5	1.80	174.87F	63.65S	339723	40743.9	9.86	174.17F	65.26S	10230
15472.9	3.61	174.87F	63.65S	339723	42747.9	10.67	173.92F	65.85S	10228
23209.4	5.41	174.87F	63.65S	339723	44752.0	11.57	173.69F	66.39S	10227
30945.8	7.22	174.87F	63.65S	339721	45820.9	12.08	173.58F	66.66S	10229
36735.6	8.58	174.75F	63.88S	164983	46756.0	12.54	173.49F	66.89S	0

No. 35 5BFP

VOLUME	VCG	LCG	TCG	INERTIA	VOLUME	VCG	LCG	TCG	INERTIA
ft3	ft	ft-AP	ft-CL	ft4	ft3	ft	ft-AP	ft-CL	ft4
0.0	0.00	174.87F	63.65P	0	38739.9	9.16	174.44F	64.61P	10233
7736.5	1.80	174.87F	63.65P	339723	40743.9	9.86	174.17F	65.26P	10230
15472.9	3.61	174.87F	63.65P	339723	42747.9	10.67	173.92F	65.85P	10231
23209.4	5.41	174.87F	63.65P	339723	44752.0	11.57	173.69F	66.39P	10230
30945.8	7.22	174.87F	63.65P	339721	45820.9	12.08	173.58F	66.66P	10229
36735.8	8.58	174.75F	63.88P	164983	46756.0	12.54	173.49F	66.89P	0

No. 36 5BFSC

VOLUME	VCG	LCG	TCG	INERTIA	VOLUME	VCG	LCG	TCG	INERTIA
ft3	ft	ft-AP	ft-CL	ft4	ft3	ft	ft-AP	ft-CL	ft4
0.0	0.00	174.89F	21.00S	0	21469.0	5.17	174.89F	21.00S	309562
3578.2	0.86	174.89F	21.00S	308646	25047.1	6.03	174.89F	21.00S	309564
7156.3	1.72	174.89F	21.00S	309562	28625.3	6.89	174.89F	21.00S	309563
10734.5	2.58	174.89F	21.00S	309563	32203.4	7.75	174.89F	21.00S	308645
14312.6	3.44	174.89F	21.00S	309562	34797.6	8.38	174.89F	21.00S	145713
17890.8	4.31	174.89F	21.00S	309562	35507.7	8.55	174.89F	20.94S	0

TANK CENTERS/FREE SURFACE TABLES  
 NASSCO BUILDER

No. 37 5BFPC

VOLUME	VCG	LCG	TCG	INERTIA	VOLUME	VCG	LCG	TCG	INERTIA
ft3	ft	ft-AP	ft-CL	ft4	ft3	ft	ft-AP	ft-CL	ft4
0.0	0.00	174.87F	21.00P	0	21483.0	5.17	174.87F	21.00P	309766
3580.5	0.86	174.87F	21.00P	308848	25063.5	6.03	174.87F	21.00P	309765
7161.0	1.72	174.87F	21.00P	309765	28644.1	6.89	174.87F	21.00P	309765
10741.5	2.58	174.87F	21.00P	309765	32224.6	7.75	174.87F	21.00P	308847
14322.0	3.44	174.87F	21.00P	309765	34820.4	8.38	174.87F	21.00P	145807
17902.5	4.31	174.87F	21.00P	309766	35531.0	8.55	174.87F	20.94P	0

No. 38 5BAS

VOLUME	VCG	LCG	TCG	INERTIA	VOLUME	VCG	LCG	TCG	INERTIA
ft3	ft	ft-AP	ft-CL	ft4	ft3	ft	ft-AP	ft-CL	ft4
0.0	0.00	124.87F	63.65S	0	39611.6	9.38	124.87F	64.90S	13465
7736.4	1.80	124.87F	63.65S	339723	42249.0	10.26	124.87F	65.71S	13464
15472.9	3.61	124.87F	63.65S	339724	44886.5	11.25	124.87F	66.43S	13461
23209.4	5.41	124.87F	63.65S	339723	47523.9	12.32	124.87F	67.07S	13466
30945.8	7.22	124.87F	63.65S	339726	49158.1	13.03	124.87F	67.43S	13462
36974.2	8.63	124.87F	63.97S	190095	50161.3	13.46	124.87F	67.64S	0

No. 39 5BAP

VOLUME	VCG	LCG	TCG	INERTIA	VOLUME	VCG	LCG	TCG	INERTIA
ft3	ft	ft-AP	ft-CL	ft4	ft3	ft	ft-AP	ft-CL	ft4
0.0	0.00	124.87F	63.65P	0	39611.6	9.38	124.87F	64.90P	13465
7736.4	1.80	124.87F	63.65P	339723	42249.0	10.26	124.87F	65.71P	13464
15472.9	3.61	124.87F	63.65P	339723	44886.5	11.25	124.87F	66.43P	13461
23209.4	5.41	124.87F	63.65P	339723	47523.9	12.32	124.87F	67.07P	13466
30945.8	7.22	124.87F	63.65P	339726	49158.1	13.03	124.87F	67.43P	13462
36974.2	8.63	124.87F	63.97P	190095	50161.3	13.48	124.87F	67.64P	0

No. 40 5BASC

VOLUME	VCG	LCG	TCG	INERTIA	VOLUME	VCG	LCG	TCG	INERTIA
ft3	ft	ft-AP	ft-CL	ft4	ft3	ft	ft-AP	ft-CL	ft4
0.0	0.00	124.87F	21.00S	0	21483.0	5.17	124.87F	21.00S	309765
3580.5	0.86	124.87F	21.00S	308848	25063.5	6.03	124.87F	21.00S	309765
7161.0	1.72	124.87F	21.00S	309765	28644.0	6.89	124.87F	21.00S	309765
10741.5	2.58	124.87F	21.00S	309765	32224.5	7.75	124.87F	21.00S	308847
14322.0	3.44	124.87F	21.00S	309765	34820.4	8.38	124.87F	21.00S	145807
17902.5	4.31	124.87F	21.00S	309766	35531.0	8.55	124.87F	20.94S	0



TANK CENTERS/FREE SURFACE TABLES  
 NASSCO BUILDER

No. 41 5BAPC									
VOLUME	VCG	LCG	TCG	INERTIA	VOLUME	VCG	LCG	TCG	INERTIA
ft3	ft	ft-AP	ft-CL	ft4	ft3	ft	ft-AP	ft-CL	ft4
0.0	0.00	124.87F	21.00P	0	21483.0	5.17	124.87F	21.00P	309765
3580.5	0.86	124.87F	21.00P	308848	25063.5	6.03	124.87F	21.00P	309765
7161.0	1.72	124.87F	21.00P	309765	28644.0	6.89	124.87F	21.00P	309765
10741.5	2.58	124.87F	21.00P	309765	32224.5	7.75	124.87F	21.00P	308847
14322.0	3.44	124.87F	21.00P	309765	34820.4	8.38	124.87F	21.00P	145807
17902.5	4.31	124.87F	21.00P	309766	35531.0	8.55	124.87F	20.94P	0

  

No. 42 6FS									
VOLUME	VCG	LCG	TCG	INERTIA	VOLUME	VCG	LCG	TCG	INERTIA
ft3	ft	ft-AP	ft-CL	ft4	ft3	ft	ft-AP	ft-CL	ft4
0.0	0.00	74.05F	63.65S	0	40911.2	9.38	74.05F	64.90S	13904
7990.3	1.80	74.05F	63.65S	350869	43635.2	10.26	74.05F	65.71S	13902
15980.5	3.61	74.05F	63.65S	350872	46359.1	11.25	74.05F	65.43S	13903
23970.8	5.41	74.05F	63.65S	350869	49083.0	12.32	74.05F	67.07S	13904
31961.1	7.22	74.05F	63.65S	350869	50770.9	13.03	74.05F	67.43S	13907
38187.2	8.63	74.05F	63.97S	196335	51807.0	13.48	74.05F	67.64S	0

  

No. 43 6FP									
VOLUME	VCG	LCG	TCG	INERTIA	VOLUME	VCG	LCG	TCG	INERTIA
ft3	ft	ft-AP	ft-CL	ft4	ft3	ft	ft-AP	ft-CL	ft4
0.0	0.00	74.05F	63.65P	0	40911.2	9.38	74.05F	64.90P	13904
7990.3	1.80	74.05F	63.65P	350869	43635.2	10.26	74.05F	65.71P	13905
15980.5	3.61	74.05F	63.65P	350869	46359.1	11.25	74.05F	66.43P	13903
23970.8	5.41	74.05F	63.65P	350869	49083.0	12.32	74.05F	67.07P	13904
31961.1	7.22	74.05F	63.65P	350869	50770.9	13.03	74.05F	67.43P	13907
38187.2	8.63	74.05F	63.97P	196335	51807.0	13.48	74.05F	67.64P	0

  

No. 44 6FSC									
VOLUME	VCG	LCG	TCG	INERTIA	VOLUME	VCG	LCG	TCG	INERTIA
ft3	ft	ft-AP	ft-CL	ft4	ft3	ft	ft-AP	ft-CL	ft4
0.0	0.00	74.05F	21.00S	0	22187.9	5.17	74.05F	21.00S	319928
3698.0	0.86	74.05F	21.00S	318981	25885.8	6.03	74.05F	21.00S	319928
7396.0	1.72	74.05F	21.00S	319928	29583.8	6.89	74.05F	21.00S	319929
11093.9	2.58	74.05F	21.00S	319928	33281.8	7.75	74.05F	21.00S	318981
14791.9	3.44	74.05F	21.00S	319928	35962.8	8.38	74.05F	21.00S	150591
18489.9	4.31	74.05F	21.00S	319928	36696.7	8.55	74.05F	20.94S	0

TANK CENTERS/FREE SURFACE TABLES  
 NASSCO BUILDER

No. 45 6FPC

VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4	VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4
0.0	0.00	74.05F	21.00P	0	22187.9	5.17	74.05F	21.00P	319928
3698.0	0.86	74.05F	21.00P	318981	25885.8	6.03	74.05F	21.00P	319928
7396.0	1.72	74.05F	21.00P	319928	29583.8	6.89	74.05F	21.00P	319929
11093.9	2.58	74.05F	21.00P	319928	33281.8	7.75	74.05F	21.00P	318981
14791.9	3.44	74.05F	21.00P	319929	35962.8	8.38	74.05F	21.00P	150591
18489.9	4.31	74.05F	21.00P	319928	36696.7	8.55	74.05F	20.94P	0

No. 46 6AS

VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4	VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4
0.0	0.00	31.95F	63.55S	0	19463.4	5.37	25.62F	63.65S	329356
2566.6	0.82	30.52F	61.90S	313123	22966.9	6.23	25.39F	63.65S	328788
5556.8	1.77	28.96F	63.31S	332384	26470.3	7.09	25.22F	63.65S	328468
8953.2	2.72	27.39F	63.65S	332712	29973.7	7.94	25.09F	63.65S	325206
12456.6	3.62	26.47F	63.65S	334069	32494.2	8.56	25.02F	63.65S	145504
15960.0	4.50	25.95F	63.65S	330561	33157.3	8.72	25.00F	63.58S	0

No. 47 6AP

VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4	VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4
0.0	0.00	31.95F	63.55P	0	19463.4	5.37	25.62F	63.65P	329352
2566.6	0.82	30.52F	61.90P	313123	22966.9	6.23	25.39F	63.65P	328781
5556.8	1.77	28.96F	63.31P	332384	26470.3	7.09	25.22F	63.65P	328466
8953.2	2.72	27.39F	63.65P	332709	29973.7	7.94	25.09F	63.65P	325208
12456.6	3.62	26.47F	63.65P	334065	32494.2	8.56	25.02F	63.65P	145506
15960.0	4.50	25.95F	63.65P	330562	33157.3	8.72	25.00F	63.58P	0

No. 48 6ASC

VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4	VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4
0.0	0.00	31.95F	20.97S	0	19212.0	5.45	25.60F	21.00S	300242
2533.6	0.84	30.50F	20.41S	265925	22665.6	6.33	25.37F	21.00S	299748
5491.8	1.80	28.90F	20.88S	293092	26119.2	7.20	25.20F	21.00S	299470
8851.0	2.76	27.33F	21.00S	304547	29572.9	8.07	25.08F	21.00S	298413
12304.7	3.68	26.43F	21.00S	304232	32107.0	8.71	25.00F	21.00S	136755
15758.3	4.57	25.92F	21.00S	301277	32762.2	8.87	24.98F	20.93S	0

TANK CENTERS/FREE SURFACE TABLES  
 NASSCO BUILDER

No. 49 6APC

VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4	VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4
0.0	0.00	31.95F	20.97P	0	19212.0	5.45	25.60F	21.00P	300243
2533.6	0.84	30.50F	20.41P	265925	22665.6	6.33	25.37F	21.00P	299746
5491.8	1.80	28.90F	20.88P	293092	26119.2	7.20	25.20F	21.00P	299471
8851.0	2.76	27.33F	21.00P	304546	29572.9	8.07	25.08F	21.00P	298411
12304.7	3.68	26.43F	21.00P	304233	32107.0	8.71	25.00F	21.00P	136757
15758.3	4.57	25.92F	21.00P	301278	32762.2	8.87	24.98F	20.93P	0

No. 51 OILYWTRP

VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4	VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4
0.0	36.09	666.11F	77.92P	0	9644.4	45.34	666.11F	77.92P	9723
1607.4	37.63	666.11F	77.92P	9697	11270.5	46.90	666.11F	77.93P	10560
3214.8	39.17	666.11F	77.92P	9698	12942.2	48.49	666.11F	77.97P	11462
4822.2	40.72	666.11F	77.92P	9698	14659.5	50.11	666.11F	78.02P	12416
6429.6	42.26	666.11F	77.92P	9697	16094.2	51.45	666.11F	78.08P	12774
8037.0	43.80	666.11F	77.92P	9698	16422.7	51.75	666.11F	78.09P	0

No. 52 SWG HLD P

VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4	VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4
0.0	26.36	498.00F	80.38P	0	676.0	29.28	498.00F	80.38P	958
112.7	26.85	498.00F	80.38P	958	788.7	29.77	498.00F	80.38P	958
225.3	27.33	498.00F	80.38P	958	901.4	30.25	498.00F	80.38P	958
338.0	27.82	498.00F	80.38P	958	1014.0	30.74	498.00F	80.38P	958
450.7	28.31	498.00F	80.38P	958	1104.2	31.13	498.00F	80.38P	716
563.3	28.79	498.00F	80.38P	958	1126.7	31.23	498.00F	80.38P	0

No. 53 SWG HLD S

VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4	VOLUME ft3	VCG ft	LCG ft-AP	TCG ft-CL	INERTIA ft4
0.0	26.36	498.00F	80.38S	0	676.0	29.28	498.00F	80.38S	958
112.7	26.85	498.00F	80.38S	958	788.7	29.77	498.00F	80.38S	958
225.3	27.33	498.00F	80.38S	958	901.4	30.25	498.00F	80.38S	958
338.0	27.82	498.00F	80.38S	958	1014.0	30.74	498.00F	80.38S	958
450.7	28.31	498.00F	80.38S	958	1104.2	31.13	498.00F	80.38S	716
563.3	28.79	498.00F	80.38S	958	1126.7	31.23	498.00F	80.38S	0