

**Palmer Barge
Invoice Tracking Sheet**

INVOICEE	INVOICE NO.	PERIOD COVERED	AMOUNT	SENT TO BANK	PAID BY BANK	MAILED	COMMENTS
URS							
Texas Treasury	3336497	Period Ending 3/28/08	\$6,655.54	4/28/2008	4/30/2008	5/1/2008	
TX General Land Office	N/A	NRD Final Costs	\$2,031.76	3/31/2008	4/2/2008	4/8/2008	
NOAA - Dept of Comm	N/A	NRD Final Costs	\$118.92	3/31/2008	4/2/2008	4/8/2008	
TX Comm on Env Quality	N/A	NRD Final Costs	\$4,389.77	3/31/2008	4/2/2008	4/8/2008	
Dept of the Interior	N/A	NRD Final Costs	\$5,256.74	3/31/2008	4/2/2008	4/8/2008	
URS	3294262	NRD Final Costs	\$2,329.12	3/31/2008	4/2/2008	4/8/2008	
URS	3243026	Period ending 2/22/08	\$158,769.08	4/2/2008	4/4/2008	4/7/2008	
URS	3195153	Period Ending 1/25/08	\$8,897.78	3/6/2008	3/7/2008	3/10/2008	
URS	3055997	Period Ending 12/28/07	\$272,157.63	3/6/2008	3/7/2008	3/10/2008	
CR Consulting	2002280007172000	Period Ending 11/2007	\$21,117.73	10/16/2007	10/17/2007		
URS	N/A	N/A	\$363.00	1/15/2008	1/15/2008	1/16/2008	
URS	N/A	N/A	\$46,415.27		12/13/2007	Yes	
URS	3060921	Period Ending 9/2007	\$33,253.78	11/13/2007	11/4/2007	Yes	
URS	2774377	Period Ending 3/16/07	\$60,289.14	10/16/2007	10/17/2007	Yes	
NOAA - Dept of Comm	N/A	Period Ending 7/01/06 - 3/31/07	\$1,156.28		4/3/2007	Yes	
CR Consulting	2002280006042000	04/01/07 - 05/31/07	\$21,285.69	8/31/2007	8/31/2007	Yes	
CR Consulting	20022800004262000	03/01/07 - 03/31/07	\$2,059.20	6/13/2007	6/15/2007	Yes	
CR Consulting	2002280003092000	02/01/07 - 02/28/07	\$2,063.60	5/14/2007	5/14/2007	5/16/2007	
CR Consulting	2002280002122000	11/01/06 - 01/31/07	\$8,955.10	3/12/2007	3/14/2007	Yes	
			\$11,128.70	2/14/2007	2/20/2007	Yes	
Kelly + Partners	37479	2/2/2007	\$291.15	2/5/2007	2/21/07*		This was a check from Saul Ewing that was deposited into the account
Outstanding							

STATE OF TEXAS

COUNTY OF ORANGE

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KNOW ALL MEN BY THESE
PRESENTS

SUPPLEMENTAL AFFIDAVIT OF RANDY LAUGHLIN

BEFORE ME, the undersigned notary public, on this day personally appeared RANDY LAUGHLIN, who, being first duly sworn by me according to law, on his oath, deposed and stated the following:

"My name is Randy Laughlin, and I am above the age of eighteen (18) years and have never been convicted of a felony or crime involving moral turpitude. I am fully competent to make this affidavit. I have personal knowledge of the facts stated herein and they are all true and correct.

I am providing this affidavit to supplement the affidavit I provided on November 8, 2001.

My prior affidavit stated that I was currently employed by Higman Barge Lines, Inc. ("HBL"). That affidavit was incorrect in that respect. I am currently a Senior Barge Superintendent with Higman Marine Services, Inc. ("HMS"). I was employed by HBL from January 1, 1982 to December 31, 1997. From January 1, 1998 to today, I have been employed by HMS. My current job duties are to oversee the maintenance and repair of towboats and barges owned and/or operated by HBL and a related company named Maryland Marine, Inc. A large part of my job duties involve monitoring repairs to barges and towboats. To carry out my job duties, I visit shipyards that make repairs and perform work on these barges and towboats. I inspect barges and boats while they are in the shipyard, including the cargo tanks of barges. I check the cargo tanks to determine the quantity of prior cargo that remained in the cargo tanks. My job duties were the same during the period of 1993 to 1996.

HBL is a marine transportation company that transports bulk liquid commodities belonging to others. During the period of 1993 to 1996, HBL was almost exclusively engaged in the transport of crude oil and crude oil fractions such as fuel oil. HBL's customers require us to transport their products as quickly and as efficiently as possible while maintaining safety. The means of doing this is to load a barge at one terminal and to transport the barge and its cargo directly to the location where the cargo is to be discharged. HBL's customers require that as much cargo as possible be offloaded at discharge. HBL's barges are not used for the long term storage of cargo. The cargo remains in the barge only as long as it takes to get from the loading location to the discharge location.

In addition to reselling the materials extracted from HBL's barges, Palmer Barge Line ("Palmer") also recycled petroleum products to fire its boiler. The boiler was used to heat water used for the washing of barges and towboats.

I would like to add the following information to my earlier affidavit concerning the work that was done to HBL's vessels at the Palmer facility:

1. For my December 1, 1993 visit to the Palmer facility, the amount of crude oil in the no. 1 starboard cargo tank of the barge S 2018 was less than one barrel. There was less than $\frac{1}{4}$ inch of cargo in the tank resting in puddles that were sporadically located on the bottom of the tank. According to the strapping tables for the S 2018, $\frac{1}{4}$ inch of cargo evenly spread through out the no. 1 starboard cargo tank equates to .67 barrels.
2. For my February 14, 1994 trip to the Palmer facility, the amount of crude oil in the nos. 6 port and starboard cargo tanks of the barge HTCO 2201 was less than one barrel. There was less than $1\frac{1}{4}$ inch of cargo in the tanks resting in puddles that were sporadically located on the bottom of the tank. According to the strapping tables for the HTCO 2201, $1\frac{1}{4}$ inch of cargo evenly spread through out the nos. 6 port and starboard cargo tanks equates to 2.29 barrels for each tank. No materials other than this small amount of previous petroleum cargo would have been removed from this barge on this occasion.
3. For my March 1, 1994 visit to the Palmer facility, the amount of crude oil in the no. 2 port cargo tank of the barge GDM 264 was less than one barrel. There was less than $\frac{1}{4}$ inch of cargo in the tank resting in puddles that were sporadically located on the bottom of the tank. HBL no longer has the strapping tables for the GDM 264. However, this barge was similar in size to other barges operated and/or owned by HBL and the strapping tables would be the same for the GDM 264 as it is for the other barges.
4. For my March 1, 1994 visit to the Palmer facility, the amount of crude oil in the no. 1 starboard cargo tank of the barge HTCO 2010 was less than one barrel. There was less than $\frac{1}{4}$ inch of cargo in the tanks resting in puddles that were sporadically located on the bottom of the tank. According to the strapping tables for the HTCO 2010, $\frac{1}{4}$ inch of cargo evenly spread through out the no. 1 starboard cargo tank equates to .96 barrels. No materials other than this small amount of previous petroleum cargo would have been removed from this barge on this occasion.
5. For my March 4, 1994 visit to the Palmer facility, the amount of crude oil in the no. 1 starboard cargo tank of the barge HTCO 2302 was less than one barrel. There was less than $\frac{1}{4}$ inch of cargo in the tank resting in puddles that were sporadically located on the bottom of the tank. According to the strapping tables for the HTCO 2302, $\frac{1}{4}$ inch of cargo evenly spread through out the no. 1 starboard cargo tank equates to .32 barrels.

6. For my May 13, 1994 visit to the Palmer facility, I would like to correct the reference to the HTCO 2302 in the second sentence. The proper barge name is the HTCO 3007. I would also like to correct my earlier affidavit because the cleaning of this barge was not limited to the no. 1 starboard cargo tank. All tanks on the barge were cleaned. The amount of crude oil in the tank nos. 1, 2 and 3 would have been less than six barrels. There was less than $\frac{1}{4}$ inch of cargo in the tank nos. 1, 2 and 3 resting in puddles that were sporadically located on the bottom of the tank. According to the strapping tables for the HTCO 3007, $\frac{1}{4}$ inch of cargo evenly spread throughout tank nos. 1, 2 and 3 equates to 6.55 barrels total. There was less than ten barrels of crude oil in tank no. 4. The tank had less than one inch of crude oil in it. According to the strapping table for tank no. 4 of the HTCO 3007, one inch of cargo equates to 9.70 barrels.
7. For my August 3, 1995 visit to the Palmer facility, I would like to be more specific concerning the cargo tanks that were serviced by Palmer. Palmer stripped and washed port tank nos. 3 and 4. The starboard tanks were not cleaned. The amount of crude oil in the nos. 3 and 4 port cargo tanks of the barge HTCO 2201 was less than four barrels. There was less than $\frac{1}{4}$ inch of cargo in the tanks resting in puddles that were sporadically located on the bottom of the tank. According to the strapping tables for the HTCO 2201, $\frac{1}{4}$ inch of cargo evenly spread through out the nos. 3 and 4 port cargo tanks equates to 1.52 barrels for each tank. No materials other than this small amount of previous petroleum cargo would have been removed from this barge on this occasion.

Attached to my affidavit as Exhibit A are my time sheets detailing my visits to the Palmer facility. I generated these time sheets in the regular course of the performance of my duties. I recorded the time sheet at or near the time of the events recorded and these records are exact duplicates of the originals.

Also attached to my affidavit are true and correct copies of the strapping tables for the following barges:

1. S 2022, no. 2 starboard tank – Exhibit B;
2. HTCO 2517, no. 2 starboard tank – Exhibit C;
3. S 2018 no. 1 starboard – Exhibit D;
4. HTCO 2201, no. 6 port or starboard tanks – Exhibit E;
5. HTCO 2010, no. 2 port tank – Exhibit F;
6. HTCO 2302, no. 1 starboard tank – Exhibit G;
7. S 2018, no. 1 port and starboard tanks – Exhibit H;
8. HTCO 2516, All tanks – Exhibit I;
9. HTCO 3007, All tanks – Exhibit J; and
10. HTCO 2201; nos. 3 and 4 port or starboard tanks – Exhibit K.

Further, the affiant saith not.”

Randy Laughlin
RANDY LAUGHLIN

SUBSCRIBED AND SWORN to by the said RANDY LAUGHLIN on this the 13th day
of May, 2008, to certify which witness my hand and official seal.



Sandy Gordon

NOTARY PUBLIC, STATE OF TEXAS

TIME SHEET

1995

UG ARGE	LOCATION	DATE	HRS	DISCRIPTION OF WORK	START	STOP
		7-11		OFFICE	4Pm	5Pm
		7-12		OFFICE	8Am	3Pm
1AB50	HTCO DOCK	7-13		TAKING SUPPLIES OFF BOAT	7Am	5Pm
1AB50	HTCO DOCK	7-14		11 11 11	730Am	3Pm
		7-17		VACATION		
		7-18		OFFICE	8Am	930Am
1AB50	WESTLAKE	7-18		DELIVER FITTINGS	930Am	1230P
2022	LEEVAE	7-18		INS BARGE	1130Am	4Pm
		7-18		OFFICE	4Pm	5Pm
EBJR	HTCO DOCK	7-19		TAKING SUPPLIES OFF BOAT	730Am	830Am
1AB50	11 11	7-19		COUNT INVENTORY	830Am	1030Am
TEO 3011	WESTLAKE	7-19		INS-VAPOR HOOK UP	1030Am	1Pm
		7-19		OFFICE	1Pm	5Pm
3006-18	TEP VIDOR	7-20		INS. BARGES	7Am	930Am
	TECANO RIVE	7-20		INS. FITTINGS	930Am	11Am
2022	LEEVAE	7-20		INS BARGE	11Am	5Pm
006-3008	PALMERS	7-21		MID PERIOD	7Am	10Am
		7-21		OFFICE	10Am	3Pm
2010-3010	BEALMONT	7-22		INS. BARGE	10Am	1Pm
		7-24		OFFICE	8Am	1030Am
2022	LEEVAE	7-24		INS. BARGE	1030Am	4Pm
		7-24		OFFICE	4Pm	5Pm
		7-25		OFFICE	8Am	5Pm
		7-26		OFFICE	8Am	1130Am
2023 2024	PALMERS	7-26		BIENNIAL INS 2024	1230Pm	3Pm
		7-26		OFFICE	3Pm	5Pm
52022	LEEVAE	7-27		INS. BARGE	7Am	4Pm
		7-27		OFFICE	4Pm	5Pm
52022	LEEVAE	7-28		INS BARGE	7Am	2Pm
		7-28		OFFICE	2Pm	3Pm
52022	LEEVAE	7-31		INS BARGE	7Am	1Pm
11	11	8-1		INS BARGE	7Am	130P
		7-31		OFFICE	1Pm	5Pm
WESTLAKE	3002	8-1		MID PERIOD	130Pm	5Pm
201 2573 010 25M	PALMER	8-2	*	BIE 2201 MP 2513	630Am	1Pm
				OFFICE	1Pm	5Pm
OTALS						

DATE

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TIME SHEET

1995

U6 LRGE	LOCATION	DATE	HRS	DISCRIPTION OF WORK	START	STOP
2201	PALMER	8-3	*	INS BARGE	7Am	9Am
	OFFICE	8-3		OFFICE	9Am	11Am
003 3004	HAYMARK	8-3		MID PERIOD	11Am	2Pm
2022	LEEVAO	8-3		INS. BARGE	2Pm	8Pm
		8-4		OFFICE	8Am	3Pm
		8-7		OFFICE	8Am	500Pm
		8-8		OFFICE	8Am	330Pm
511 2512	TC	8-8		INS BARGE	330Pm	930Pm
21 2302	TC	8-8		" "	930Pm	12mid
" "	TC	8-9		" "	12mid	1230Am
		8-9		OFFICE	9Am	1230Pm
009 3010	PALMER	8-9		INS BARGES	1230Pm	2Pm
		8-9		OFFICE	2Pm	530Pm
2022	ACADIAN	8-9		TRAVEL TO ACADIAN	530Pm	1130Pm
" "	" "	8-10		INS VALVES	7Am	130Pm
0022	NEW ORLEANS	8-10		PICK UP PARTS	130Pm	3Pm
100000	NORCO	8-10		DELIVER HOSE	3Pm	4Pm
2022	ACADIAN	8-10		INS VALVES	4Pm	1130Pm
	GRYVES	8-11		INS. PARTS FOR BID	8Am	1030Am
		8-11		OFFICE	1030Am	130Pm
		8-11		OFFICE	130Pm	3Pm
		8-14		OFFICE	8Am	5Pm
006 3008	CHAMPLER	8-15		INS BARGES	8Am	9Am
		8-15		OFFICE OFFICE	9Am	12mid
		8-15		OFFICE	1Pm	330Pm
	BOVES	8-15		DELIVER BID	330Pm	5Pm
		8-16		OFFICE	8Am	5Pm
002201	CHAMPLER	8-16		NO 5 PART OFFICE DAMAGE SURV	1130	230Pm
		8-16		OFFICE	230Pm	5Pm
		8-17		OFFICE	8Am	5Pm
		8-18		OFFICE	8Am	10Am
0020 2016	SWB	8-18		INS BARGES	10Am	3Pm
0515 2516	SW FLEET	8-18		" "	3Pm	4Pm
2020 2016	SWB	8-18		" "	4Pm	12mid
2020 2016	SWB	8-19		" "	12mid	3Am
TOTALS						

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TIME SHEET

1994

TUG BARGE	LOCATION	DATE	HRS	DISCRIPTION OF WORK	START	STOP
3511	Galveston	5-16	10	INS BARGE COVER BILLS	9AM	6PM
512 GDM24	HTECDock	5-17	1	INS BARGE	7AM	8AM
2516	BURTON S/A	5-17	1	" "	8AM	9AM
73 374	UNION 76	5-18	3 1/2	" "	7AM	1030AM
2516	BURTON	5-18	3	AUDIO GAUGE	1030AM	13PM
		5-17	7	OFFICE	9AM	10PM
		5-18	OFFICE	OFFICE	130PM	5PM
2513 2513	CRUMPLER	5-18		INS BARGE	5PM	7PM
TEO 2513	SBA	5-17	5 1/2	INS BARGE	12PM	530PM
TEO 3006	FREDEMAN	5-19	8 1/2	INS BARGE ON DRY DOCK	730AM	5PM
902301 2302	CRUMPLER	5-19	2 1/2	INS BARGES	5PM	7PM
103001 3002	HTECDock	5-20	6 1/2	INS BARGES	730AM	830AM
3006	FREDEMAN	5-23	3 1/2	PICKUP PUMP	7AM	1030AM
15 3005	ACADIAN	5-23	5 1/2	INS BARGE	1030AM	5PM
1 11	11	5-24	7 1/2	" "	6AM	130PM
TEO 2513	SBA	5-24	3 1/2	" "	130PM	5PM
2020	FREDEMAN	5-25	6	CHANGE PUMP HEAD	730	130PM
TEO 2025	11	5-25	3	INS HOLE NO 1 STD	130PM	430
TEO 2516	BURTON	5-25	1	INS PAINT	430PM	530PM
TEO 2025	FREDEMAN	5-26	2 1/2	AIR TEST	630AM	9AM
TEO 2513	SBA	5-26	2	INS BARGE	9AM	11AM
02515 3005	ACADIAN	5-26	4 1/2	INS BARGE	11AM	330AM
3008	TTCDock	5-26	2 1/2	" "	330PM	6PM
13008 3008	11	5-27	7 1/2	INS BARGE	7AM	230PM
5209	FREDEMAN	5-27	2	INS HOLE NO 1 PORT	230PM	430PM
		5-31	3	GOING TO GAL. STOPPED	930AM	11AM
1208	TTCDock	5-31	7	TRAVEL TO NEW ORLEANS	11AM	6PM
008	11	6-1	4 1/2	INS BARGE	630AM	11AM
15 2515	ACADIAN	6-1	9 1/2	INS BARGE	11AM	830AM
007	BURTON	6-2	1/2	DELIVER PARTS	630AM	7AM
006	FREDEMAN	6-2	2	" "	7AM	9AM
1513	SBA	6-2	4 1/2	INS BARGE	9AM	130PM
	CRUMPLER	6-2	2 1/2	DELIVER PARTS	130PM	3PM
007	PALMER	6-2	1	INS BARGE	3PM	4PM
		6-3	6	OFFICE	8	3
		6-6	6-10	VACATION		
			8X5			
TOTALS						

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1994

TUG ARGE	LOCATION	DATE	HRS	DISCRIPTION OF WORK	START	STOP
2010	PALMER	3-1	1	* INS BARGE	7Am	8Am
20324	HAYMARK	3-1	6	INS BARGE	8Am	2Pm
20m 264	PALMER	3-1	3	* INS BARGE	2Pm	5Pm
20m 264	PALMER	3-2	1	" "	6:30Am	7:30Am
201 2302	HONGTAN	3-2	6	" "	7:30Am	1:30Pm
20m 264	VESSEL REPAIR	3-2	7	" "	1:30Pm	8:30Pm
" "	" "	3-3	3	" "	6:30Am	9:30Am
514	Galveston	3-3	9	DELIVER ENGINE	9Am	6:30Pm
802	1973 BOSTON	3-4	7	MID PERIOD	6:30Am	1:30Pm
20m 264	PALMER	3-4	5	* INS BARGE	1:30Pm	6:30Pm
201 2302	PALMER	3-5	8	* INS BARGE	8Am	11Am
2302	PALMER	3-5	1	* INS BARGE	5Pm	6Pm
2302	VESSEL REPAIR	3-6	7 1/2	INS BARGE	6:30Am	2Pm
2302	" "	3-7	1	" "	6:30Am	7:30Am
2514	Galveston	3-7	6	* AIR TEST	7:30Am	1:30Pm
20 3002	RELIVER	3-7	3 1/2	INS BARGE	1:30Pm	5Pm
2302	VESSEL REPAIR	3-7	1 1/2	AIR TEST	5Pm	6:30Pm
515 + 16	PALMER	3-7	1 1/2	INS BARGE	9Pm	10:30Pm
52511	FREDEMAN	3-8	8	AMID GAUGE	10Am	5Pm
		3-9	8	OFFICE	8	8
52511	FREDEMAN	3-10	8 1/2	AMID GAUGE	7:30Am	2Pm
514	Galveston	3-11	7 1/2	INS BARGE COI	6:30Am	2Pm
223 2024	TC	3-11	3	" "	2Pm	5Pm
1 HNS	PORTER	3-11	1	" "	5Pm	6Pm
2514	CRUMPLER	3-14	1	AMID GAUGE	6:30Am	7:30Am
511	LEEVAE	3-14	9 1/2	AMID GAUGE	7:30Am	5Pm
		3-15	10 1/2	OFFICE (CHECKING)	6:30Am	5Pm
13 + 2014	INTERCOSTA	3-16	5	COE INSPECTION	7Am	1Pm
2511	LEEVAE	3-16	4	LAYOUT BARGE	1Pm	5Pm
		3-17	5	OFFICE	8Am	2Pm
2316 HNS 100	HARKERRY	3-17	4	INS BARGE	2Pm	6Pm
2511	LEEVAE	3-18	7 1/2	INS BARGE	6:30Am	2Pm
		3-21	8	OFFICE	8Am	5Pm
		3-22	3	OFFICE	8Am	11Am
B JR	CRUMPLER	3-22	5	AMID GAUGE	11Am	12
		3-23	8	FUNERAL		
TALS						

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TUG ARGE	LOCATION	DATE	HRS	DISCRIPTION OF WORK	START	STOP
2010	PALMER	2-7	3 1/2	INS. VALVES	7A	10:20A
	PORTABLE	2-7	6 1/2	USCG OFFICE	10:20A	1:30P
ARK FLYNN	CRUMPLER	2-8	6	AUDIO GAUGE	2P	3P
	PALMER	2-8	2	INSPECT WINDHOLE CLEATS	3P	5P
	ORANGE	2-9	8	OFFICE	8A	5P
2010	FREDEMAN	2-10	8	GO OVER BILL	10:30A	2:30P
2010	PALMER	2-11	1 1/2	INS. STERN WIND	7:30A	9:00A
12 60A	HOT FOOT	2-11	4	INS. TAIL	9:40	1P
514	GALVESTON	2-11	5 1/2	INS. BARGE	1P	6:30P
17 2015	CRUMPLER	2-12	1 1/2	INS. BARGE	7:30P	9P
17 2015	FREDEMAN	2-14	5	MID PERIOD	7A	12P
1A	CRUMPLER	2-14	1 1/2	AUDIO GAUGE	12P	1:30P
100 2201	PALMER	2-14	3 1/2	INS. HOLE IN BARGE	1:30P	4P
100 2201	VESSEL BARGE	2-15	10 1/2	LAY OUT PLATE	7A	3P
17 2015	FREDEMAN	2-15	3	AIR TEST	5:30P	8:30P
	ORANGE	2-16	8	HAS WATER SCHOOL	8A	3P
		2-17	8	OFFICE		
		2-18	8	VACATION		
16 2001	TEXAS CITY	2-19	3 1/2	EXION INS. BARGES	2P	5:30P
13 2014	"	2-19	1	INS. BARGES	5:30P	6:30P
14 2020	"	2-19	3 1/2	INS. BARGES	6:30P	7:00P
1026	CRUMPLER	2-20	1 HR	INS. BARGE SEAL	11:30P	12:30A
		2-21	8	OFFICE		
3155 DEJAL	DEJAL FLEET	2-22	2 1/2	DELIVER FILTERS	8A	10:20A
2020	FREDEMAN	2-22	3 1/2	MID PERIOD INSPECTION	10:30A	2P
17 2015	RELLER	2-22	10	PUMP WIND	2P	12 MID
17 2015	"	2-23	1/2	PUMP WIND	12 MID	12:30A
514	GALVESTON	2-23	1	INS. BARGE	8A	9A
17 2021	TEXAS CITY	2-23	3	" "	9A	12:00A
514	GALVESTON	2-23	6 1/2	" "	12:00A	6:30P
		2-24	8	OFFICE		
2021	FREDEMAN	2-25	6 1/2	MID PERIOD INS.	7:30A	12:30P
24 2512	CRUMPLER	2-26	3	INS. BARGE	5A	8A
10 264	TC	2-28	4	INS. BARGE	7A	11A
2514	GALVESTON	2-28	6 1/2	AIR TEST	11A	5:30P
		2-29				
TALS						

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1993

TUG	LOCATION	DATE	HRS	DISCRIPTION OF WORK	START	ST.
BARGE						
FTCD 3006	ACADIAN	11-17	5	REPAIR HOLE NO. 1	4 PM	9 PM
11	11	11-18	13	11	6:30 AM	7 PM
11	11	11-19	16	11	6:30 AM	10 PM
FTCD 1812	HICE DICK	11-22		INS BARGE	8 AM	9 PM
2015 TCD 3008	FREDEMAN	11		11	9 AM	11 AM
17 2016 Dm 264	FREDEMAN	11-22	10	WORKING ON BARGES	11 AM	7 PM
		11-23		OFFICE	8 AM	5 PM
2017 Jack H. L. 1412	FREDEMAN	11-24	8	WORKING ON BOAT	8 AM	5 PM
512	11	11-26	16 1/2	WORKING ON BARGE 2512 DRIFT	8 AM	12 PM
512	11	11-27	2 1/2	INS. BARGES	9:30 AM	12 PM
2017 52512 013 GDM 364	11	11-29	8	INS BARGE	9:30 AM	3 PM
HTCD 2021	PROBENITY	11-30		INS BARGE DELIVER FISH	7 AM	8:30 PM
2012 2512 GDM 264	FREDEMAN	11-30	9	INS. BARGE	9:30 AM	5 PM
5 2018	PALMER	12-1	*	INS. BARGE	7 AM	9 AM
512 2013 2010	FREDEMAN	12-1		WORKING ON BARGES	9 AM	3 PM
		12-1	9	OFFICE	3 PM	5 PM
2018	BURTON	12-2		INS BARGE	7 AM	8 AM
017 2512 2010	FREDEMAN	12-2	13	WORKING ON BARGES	8 AM	8 PM
		12-3	8	OFFICE	8 AM	7 PM
5412 GDM 264	SLUENT	12-6	15	INS BARGES	8 AM	12 PM
2017 2015 3008	FREDEMAN	12-7	8	INS BARGES	8 AM	3 PM
2015 1302	11	12-8	8	INS BARGE	8 AM	5 PM
2512 GDM 264	SPUTHER	12-9	17 1/2	INS BARGE	6:30 AM	12 PM
11	11	12-10	1/2	INS BARGE	12 MID	12 PM
301 302	FREDEMAN	12-10	11	INS BARGE	9:00 AM	8:30 PM
		12-13	8	OFFICE		
		12-14	8	OFFICE		
FTCD 2614	SRA	12-15		INS BARGE	10 AM	3:30 PM
JRG	FREDEMAN	12-15	11	INS BOAT	3:30 PM	8 PM
CEB	HICOCK	12-16		INS BOAT STRIP BOAT	9 AM	12 PM
	ORANGE	12-16	8	INVENTORY	1 PM	5 PM
	ORANGE	12-17	8	INVENTORY	8 AM	10:30 AM
	ORANGE	12-18	8	OFFICE	10:30 AM	3 PM
	11	12-20		INVENTORY	8 AM	12 PM
	11	12-20	9	OFFICE	1 PM	6 PM
	11	12-21		OFFICE	8 AM	11 AM
018 517	FREDEMAN	12-21	8 1/2	MIDPERIOD DAMAGE SURVEY	11 AM	5:30 PM
ALS						

DATE

SIGNATURE

TANK GAUGE TABLE

2 STAR!

GAUGE HEIGHT 13'-8 1/4"

BARGE "S-2022"

R. W. RAYBOLT & CO., INC.

GULF COAST DIVISION
Inspector of Petroleum
PASADENA, TEXAS 77502

IN	0	1	2	3	4	5	6	7	8	9	10	11	FT	IN
0	10540	181060	182330	183580	609690	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	0
1	10540	182330	183580	184830	614660	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	1
2	10540	183580	184830	186080	618520	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	2
3	10540	184830	186080	187280	622390	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	3
4	10540	186080	187280	188480	626250	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	4
5	10540	187280	188480	189680	630110	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	5
6	10540	188480	189680	190880	633970	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	6
7	10540	189680	190880	192080	637830	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	7
8	10540	190880	192080	193280	641690	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	8
9	10540	192080	193280	194480	645550	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	9
10	10540	193280	194480	195680	649410	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	10
11	10540	194480	195680	196880	653270	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	11
12	10540	195680	196880	198080	657130	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	12
13	10540	196880	198080	199280	660990	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	13
14	10540	198080	199280	200480	664850	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	14
15	10540	199280	200480	201680	668710	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	15
16	10540	200480	201680	202880	672570	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	16
17	10540	201680	202880	204080	676430	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	17
18	10540	202880	204080	205280	680290	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	18
19	10540	204080	205280	206480	684150	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	19
20	10540	205280	206480	207680	688010	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	20
21	10540	206480	207680	208880	691870	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	21
22	10540	207680	208880	210080	695730	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	22
23	10540	208880	210080	211280	699590	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	23
24	10540	210080	211280	212480	703450	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	24
25	10540	211280	212480	213680	707310	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	25
26	10540	212480	213680	214880	711170	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	26
27	10540	213680	214880	216080	715030	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	27
28	10540	214880	216080	217280	718890	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	28
29	10540	216080	217280	218480	722750	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	29
30	10540	217280	218480	219680	726610	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	30
31	10540	218480	219680	220880	730470	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	31
32	10540	219680	220880	222080	734330	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	32
33	10540	220880	222080	223280	738190	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	33
34	10540	222080	223280	224480	742050	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	34
35	10540	223280	224480	225680	745910	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	35
36	10540	224480	225680	226880	749770	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	36
37	10540	225680	226880	228080	753630	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	37
38	10540	226880	228080	229280	757490	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	38
39	10540	228080	229280	230480	761350	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	39
40	10540	229280	230480	231680	765210	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	40
41	10540	230480	231680	232880	769070	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	41
42	10540	231680	232880	234080	772930	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	42
43	10540	232880	234080	235280	776790	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	43
44	10540	234080	235280	236480	780650	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	44
45	10540	235280	236480	237680	784510	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	45
46	10540	236480	237680	238880	788370	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	46
47	10540	237680	238880	240080	792230	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	47
48	10540	238880	240080	241280	796090	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	48
49	10540	240080	241280	242480	799950	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	49
50	10540	241280	242480	243680	803810	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	50
51	10540	242480	243680	244880	807670	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	51
52	10540	243680	244880	246080	811530	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	52
53	10540	244880	246080	247280	815390	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	53
54	10540	246080	247280	248480	819250	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	54
55	10540	247280	248480	249680	823110	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	55
56	10540	248480	249680	250880	826970	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	56
57	10540	249680	250880	252080	830830	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	57
58	10540	250880	252080	253280	834690	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	58
59	10540	252080	253280	254480	838550	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	59
60	10540	253280	254480	255680	842410	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	60
61	10540	254480	255680	256880	846270	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	61
62	10540	255680	256880	258080	850130	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	62
63	10540	256880	258080	259280	853990	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	63
64	10540	258080	259280	260480	857850	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	64
65	10540	259280	260480	261680	861710	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	65
66	10540	260480	261680	262880	865570	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	66
67	10540	261680	262880	264080	869430	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	67
68	10540	262880	264080	265280	873290	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	68
69	10540	264080	265280	266480	877150	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	69
70	10540	265280	266480	267680	881010	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	70
71	10540	266480	267680	268880	884870	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	71
72	10540	267680	268880	270080	888730	828470	1028730	1252560	1456250	1681270	1895350	2109180	2268560	72
73	10540	268880	270080	271280	892590	828470	1028730	1252560	1456250	168				

NOTE, GAUGE POINT LOCATED 3'-11" OFF CENTERLINE BULKHEAD AND 2'-3" FORWARD OF AFT. BULKHEAD.

NOTE: TABLE APPLIES ONLY WHEN BARGE IS ON EVEN KEEL. BARGE FUEL CONSUMPTION \$ 41.00 PER TONNE MILE. BARGE IS ON EVEN KEEL.

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

SHEET 4 OF 10 SHEETS

115 40000

E. W.  & CO., INC.
J. E. Highland

General Headquarters
P.O. Box 1164
Pascagoula, Mississippi 39325

West Coast Headquarters
405 Swenson Drive
Wilmington, California 90748

~~BARGE 117003~~
ATCO 8517

2 STAR. D

NOTE: GAUGE POINT LOCATED 3'-0" OFF CENTERLINE BULKHEAD AND 2'-2" FORWARD OF AFT. BULKHEAD.

NOTE: WHEN BARGE IS DOWN BY STERN SUBTRACT 7/8" FROM EACH INPAGE GAUGE FOR EVERY ONE FOOT OF DRAG.

NOTE: GAUGE TABLE APPLIES ONLY WHEN BARGE IS ON EVEN KEEL.

GAGE HEIGHT 15'-5 1/4"

IN	0	1	2	3	4	5	6	7	8
IN	0	1	2	3	4	5	6	7	8
0	0.26	0	147.54	0	662.96	0	1007.00	0	1351.03
1	0.83	151.10	322.51	494.53	666.55	838.56	1010.58	1182.60	1354.62
2	1.40	154.66	326.10	498.11	670.13	842.15	1014.17	1186.18	1358.20
3	2.48	158.22	329.68	501.70	673.71	845.73	1017.75	1189.72	1361.78
4	3.56	161.79	333.26	505.28	677.30	849.32	1021.33	1193.35	1365.37
5	5.16	165.35	336.85	508.86	680.88	852.90	1024.92	1196.93	1368.95
6	6.76	168.91	340.43	512.45	684.47	856.48	1028.50	1200.52	1372.54
7	8.37	172.47	344.01	516.03	688.05	860.07	1032.08	1204.10	1376.12
8	10.97	176.03	347.60	519.62	691.63	863.65	1035.67	1207.69	1379.70
9	12.60	179.59	351.18	523.20	695.22	867.23	1039.25	1211.27	1383.29
10	16.22	183.15	354.77	526.78	698.80	870.82	1042.84	1214.85	1386.87
11	19.35	186.71	358.35	530.37	702.38	874.40	1046.42	1218.44	1390.45
12	22.49	190.28	361.93	533.95	705.97	877.99	1050.00	1222.02	1394.04
13	25.88	193.84	365.52	537.53	709.55	881.57	1053.59	1225.60	1397.62
14	29.26	197.40	369.10	541.12	713.14	885.15	1057.17	1229.19	1401.21
15	32.55	200.96	372.68	544.70	716.72	888.74	1060.75	1232.77	1404.79
16	36.04	204.52	376.27	548.29	720.30	892.32	1064.34	1236.36	1408.37
17	39.43	208.08	379.85	551.87	723.89	895.90	1067.92	1239.94	1411.96
18	42.82	211.64	383.43	555.45	727.47	899.49	1071.51	1243.52	1415.54
19	46.21	215.20	387.02	559.04	731.05	903.07	1075.09	1247.11	1419.12
20	49.60	218.76	390.60	562.62	734.64	906.66	1078.67	1250.69	1422.71
21	52.99	222.33	394.19	566.20	738.22	910.24	1082.26	1254.27	1426.29
22	56.38	225.89	397.77	569.79	741.80	913.82	1085.84	1257.86	1429.88
23	59.77	229.45	401.35	573.37	745.39	917.41	1089.42	1261.44	1433.46
24	63.16	233.01	404.94	576.95	748.97	920.99	1093.01	1265.03	1437.04
25	66.55	236.57	408.52	580.54	752.56	924.57	1096.59	1268.61	1440.63
26	69.94	240.13	412.10	584.12	756.14	928.16	1100.17	1272.19	1444.21
27	73.47	243.69	415.69	587.71	759.72	931.74	1103.76	1275.78	1447.79
28	77.01	247.25	419.27	591.29	763.31	935.32	1107.34	1279.36	1451.38
29	80.52	250.84	422.86	594.87	766.89	938.91	1110.93	1282.94	1454.96
30	84.03	254.42	426.44	598.46	770.47	942.49	1114.51	1286.53	1458.54
31	87.54	258.01	430.02	602.04	774.06	946.08	1118.09	1290.11	1462.13
32	91.06	261.59	433.61	605.62	777.64	949.66	1121.68	1293.69	1465.71
33	94.57	265.17	437.19	609.21	781.23	953.24	1125.26	1297.28	1469.30
34	98.08	268.76	440.77	612.79	784.81	956.83	1128.84	1300.86	1472.88
35	101.59	272.34	444.36	616.38	788.39	960.41	1132.43	1304.45	1476.46
36	105.10	275.92	447.94	619.96	791.98	963.99	1136.01	1308.03	1480.05
37	108.61	279.51	451.53	623.54	795.56	967.58	1139.60	1311.61	1483.63
38	112.13	283.09	455.11	627.13	799.14	971.16	1143.19	1315.20	1487.21
39	115.64	286.67	458.69	630.71	802.73	974.75	1146.76	1318.78	1490.80
40	119.15	290.26	462.28	634.29	806.31	978.33	1150.35	1322.36	1494.38
41	122.66	293.84	465.86	637.88	809.90	981.91	1153.93	1325.95	1497.97
42	126.17	297.43	469.44	641.46	813.48	985.50	1157.51	1329.53	1501.55
43	129.73	301.01	473.03	645.04	817.06	989.08	1161.10	1333.12	1505.13
44	133.30	304.59	476.61	648.63	820.65	992.66	1164.68	1336.70	1508.72
45	136.85	308.18	480.19	652.21	824.23	996.25	1168.27	1340.28	1512.30
46	140.42	311.76	483.78	655.80	827.81	999.83	1171.85	1343.87	1515.88
47	143.98	315.34	487.36	659.38	831.40	1003.41	1175.43	1347.45	1519.47

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

E. W. SAYBOLT & CO., INC.
B. E. Highland



General Headquarters
400 Swenson Drive
Kendallworth, N.J. 07033

General Headquarters
400 Swenson Drive
Kendallworth, N.J. 07033

4760 2517

GAGE HEIGHT 15'-5 1/4"

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF
ANY NAME CAN BE MADE WITHOUT THE WRITTEN CONSENT OF THIS COMPANY

E. W. SAYBOLT & CO., INC.

SHEET 8 OF 20 SHEETS

SHEET 8 OF 20

FORMERLY BARGE "STCO-2016"

E. W. SAYBOLT & CO., INC.

General Headquarters
1000 S. Main Street
Pasadena, Texas 77502
NOTE: TABLES APPLY ONLY WHEN BARGE IS ON EVEN KEEL.
NOTE: GAUGE POINT LOCATED 1'-8" OFF CENTERLINE AND 1'-8" FORWARD OF AFT. BULKHEAD.

West Coast Headquarters
P.O. Box 1146
Whittier, Calif. 90604

1 STBD. INNAGE TABLE

GAGE HEIGHT 14'-9 5/8"

IN.	0	1	2	3	4	5	6	7	8	9
0	0.28	0	81.10	0	227.45	0	409.23	0	620.86	0
1/4	0.67	1/4	83.72	1/4	230.90	1/4	413.36	1/4	625.42	1/4
1/2	1.07	1/2	86.40	1/2	234.37	1/2	417.52	1/2	629.98	1/2
3/4	1.47	3/4	89.07	3/4	237.85	3/4	421.68	3/4	634.54	3/4
1	1.86	1	91.75	1	241.33	1	425.84	1	639.10	1
1 1/4	2.24	1 1/4	94.46	1 1/4	244.84	1 1/4	430.02	1 1/4	643.66	1 1/4
1 1/2	2.61	1 1/2	97.22	1 1/2	248.37	1 1/2	434.24	1 1/2	648.22	1 1/2
1 3/4	2.97	1 3/4	99.97	1 3/4	251.91	1 3/4	438.45	1 3/4	652.78	1 3/4
2	3.34	2	102.73	2	255.45	2	442.67	2	657.35	2
2 1/4	3.71	2 1/4	105.52	2 1/4	259.01	2 1/4	446.91	2 1/4	661.91	2 1/4
2 1/2	4.08	2 1/2	108.35	2 1/2	262.60	2 1/2	451.18	2 1/2	666.47	2 1/2
2 3/4	4.45	2 3/4	111.17	2 3/4	266.20	2 3/4	455.45	2 3/4	671.03	2 3/4
3	4.82	3	114.00	3	269.79	3	459.73	3	675.59	3
3 1/4	5.19	3 1/4	116.87	3 1/4	273.41	3 1/4	464.02	3 1/4	680.15	3 1/4
3 1/2	5.56	3 1/2	119.77	3 1/2	277.06	3 1/2	468.35	3 1/2	684.71	3 1/2
3 3/4	5.93	3 3/4	122.67	3 3/4	280.71	3 3/4	472.68	3 3/4	689.27	3 3/4
4	6.30	4	125.57	4	284.36	4	477.01	4	693.83	4
4 1/4	6.67	4 1/4	128.50	4 1/4	288.04	4 1/4	481.36	4 1/4	698.39	4 1/4
4 1/2	7.04	4 1/2	131.47	4 1/2	291.75	4 1/2	485.74	4 1/2	702.96	4 1/2
4 3/4	7.41	4 3/4	134.44	4 3/4	295.45	4 3/4	490.12	4 3/4	707.52	4 3/4
5	7.78	5	137.40	5	299.16	5	494.50	5	712.08	5
5 1/4	8.15	5 1/4	140.40	5 1/4	302.90	5 1/4	498.91	5 1/4	716.64	5 1/4
5 1/2	8.52	5 1/2	143.43	5 1/2	306.66	5 1/2	503.34	5 1/2	721.20	5 1/2
5 3/4	8.89	5 3/4	146.47	5 3/4	310.43	5 3/4	507.77	5 3/4	725.76	5 3/4
6	9.26	6	149.50	6	314.20	6	512.20	6	730.32	6
6 1/4	9.63	6 1/4	152.56	6 1/4	318.00	6 1/4	516.65	6 1/4	734.88	6 1/4
6 1/2	10.00	6 1/2	155.66	6 1/2	321.83	6 1/2	521.12	6 1/2	739.44	6 1/2
6 3/4	10.37	6 3/4	158.75	6 3/4	325.65	6 3/4	525.60	6 3/4	744.01	6 3/4
7	10.74	7	161.85	7	329.48	7	530.07	7	748.57	7
7 1/4	11.11	7 1/4	164.97	7 1/4	333.34	7 1/4	534.55	7 1/4	753.13	7 1/4
7 1/2	11.48	7 1/2	168.13	7 1/2	337.22	7 1/2	539.06	7 1/2	757.69	7 1/2
7 3/4	11.85	7 3/4	171.29	7 3/4	341.11	7 3/4	543.56	7 3/4	762.25	7 3/4
8	12.22	8	174.45	8	344.99	8	548.07	8	766.81	8
8 1/4	12.59	8 1/4	177.65	8 1/4	348.90	8 1/4	552.59	8 1/4	771.37	8 1/4
8 1/2	12.96	8 1/2	180.87	8 1/2	352.84	8 1/2	557.12	8 1/2	775.94	8 1/2
8 3/4	13.33	8 3/4	184.09	8 3/4	356.78	8 3/4	561.65	8 3/4	780.50	8 3/4
9	13.70	9	187.32	9	360.72	9	566.18	9	785.06	9
9 1/4	14.07	9 1/4	190.57	9 1/4	364.69	9 1/4	570.73	9 1/4	789.62	9 1/4
9 1/2	14.44	9 1/2	193.86	9 1/2	368.68	9 1/2	575.28	9 1/2	794.18	9 1/2
9 3/4	14.81	9 3/4	197.15	9 3/4	372.67	9 3/4	579.83	9 3/4	798.74	9 3/4
10	15.18	10	200.44	10	376.67	10	584.38	10	803.30	10
10 1/4	15.55	10 1/4	203.76	10 1/4	380.69	10 1/4	588.93	10 1/4	807.87	10 1/4
10 1/2	15.92	10 1/2	207.11	10 1/2	384.74	10 1/2	593.49	10 1/2	812.43	10 1/2
10 3/4	16.29	10 3/4	210.47	10 3/4	388.79	10 3/4	598.05	10 3/4	816.99	10 3/4
11	16.66	11	213.82	11	392.84	11	602.61	11	821.55	11
11 1/4	17.03	11 1/4	217.20	11 1/4	396.91	11 1/4	607.17	11 1/4	826.11	11 1/4
11 1/2	17.40	11 1/2	220.62	11 1/2	401.02	11 1/2	611.74	11 1/2	830.67	11 1/2
11 3/4	17.77	11 3/4	224.03	11 3/4	405.12	11 3/4	616.30	11 3/4	835.23	11 3/4

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS
NOTE: CAPACITY TABLE REISSUED IN INNAGE IN SEPTEMBER 1988.

E. W. SAYBOLT & CO., INC.

BY *Dale A. Rosen*

General Headquarters
100 East 11th St.
Pasadena, Texas 77502

General Headquarters
400 East 11th St.
Houston, Texas 77003

West Coast Headquarters
P.O. Box 114
Whittier, Calif. 90606

GAGE HEIGHT 14'-9 5/8"

IN.	10	11	12	13	14	15	16	17	18	19
0	1,934.51	0	2,153.12	0	2,371.43	0	2,589.74	0	2,808.05	0
1/4	1,939.07	1/4	2,157.66	1/4	2,375.90	1/4	2,594.28	1/4	2,812.59	1/4
1/2	1,943.63	1/2	2,162.19	1/2	2,380.33	1/2	2,598.81	1/2	2,817.12	1/2
3/4	1,948.19	3/4	2,166.73	3/4	2,384.76	3/4	2,603.34	3/4	2,821.65	3/4
1	1,952.76	1	2,171.26	1	2,389.19	1	2,607.85	1	2,826.18	1
1 1/4	1,957.32	1 1/4	2,175.80	1 1/4	2,393.38	1 1/4	2,612.36	1 1/4	2,830.71	1 1/4
1 1/2	1,961.88	1 1/2	2,180.34	1 1/2	2,397.34	1 1/2	2,616.87	1 1/2	2,835.24	1 1/2
1 3/4	1,966.44	1 3/4	2,184.87	1 3/4	2,401.29	1 3/4	2,621.38	1 3/4	2,839.77	1 3/4
2	1,971.01	2	2,189.41	2	2,405.24	2	2,625.89	2	2,844.30	2
2 1/4	1,975.57	2 1/4	2,193.94	2 1/4	2,408.72	2 1/4	2,630.39	2 1/4	2,848.83	2 1/4
2 1/2	1,980.13	2 1/2	2,198.48	2 1/2	2,411.73	2 1/2	2,634.89	2 1/2	2,853.36	2 1/2
2 3/4	1,984.69	2 3/4	2,203.02	2 3/4	2,414.74	2 3/4	2,639.39	2 3/4	2,857.89	2 3/4
3	1,989.25	3	2,207.56	3	2,417.75	3	2,643.89	3	2,862.42	3
3 1/4	1,993.82	3 1/4	2,212.10	3 1/4	2,420.25	3 1/4	2,648.39	3 1/4	2,866.95	3 1/4
3 1/2	1,998.38	3 1/2	2,216.65	3 1/2	2,422.25	3 1/2	2,652.89	3 1/2	2,871.48	3 1/2
3 3/4	2,002.94	3 3/4	2,221.20	3 3/4	2,424.24	3 3/4	2,657.39	3 3/4	2,876.01	3 3/4
4	2,007.50	4	2,225.74	4	2,426.23	4	2,661.89	4	2,880.54	4
4 1/4	2,012.07	4 1/4	2,230.30	4 1/4	2,427.74	4 1/4	2,666.39	4 1/4	2,885.07	4 1/4
4 1/2	2,016.63	4 1/2	2,234.86	4 1/2	2,428.77	4 1/2	2,670.89	4 1/2	2,889.60	4 1/2
4 3/4	2,021.19	4 3/4	2,239.43	4 3/4	2,429.80	4 3/4	2,675.39	4 3/4	2,894.13	4 3/4
5	2,025.75	5	2,243.99	5	2,430.82	5	2,679.89	5	2,898.66	5
5 1/4	2,030.32	5 1/4	2,248.56	5 1/4	2,431.57	5 1/4	2,684.39	5 1/4	2,903.19	5 1/4
5 1/2	2,034.88	5 1/2	2,253.12	5 1/2	2,432.04	5 1/2	2,688.89	5 1/2	2,907.72	5 1/2
5 3/4	2,039.44	5 3/4	2,257.68	5 3/4	2,432.28	5 3/4	2,693.39	5 3/4	2,912.25	5 3/4
6	2,044.00	6	2,262.25	6	2,432.28	6	2,697.89	6	2,916.78	6
6 1/4	2,048.56	6 1/4	2,266.81	6 1/4	2,432.28	6 1/4	2,702.39	6 1/4	2,921.31	6 1/4
6 1/2	2,053.13	6 1/2	2,271.38	6 1/2	2,432.28	6 1/2	2,706.89	6 1/2	2,925.84	6 1/2
6 3/4	2,057.69	6 3/4	2,275.94	6 3/4	2,432.28	6 3/4	2,711.39	6 3/4	2,930.37	6 3/4
7	2,062.25	7	2,280.50	7	2,432.28	7	2,715.89	7	2,934.90	7
7 1/4	2,066.81	7 1/4	2,285.07	7 1/4	2,432.28	7 1/4	2,720.39	7 1/4	2,939.43	7 1/4
7 1/2	2,071.38	7 1/2	2,289.63	7 1/2	2,432.28	7 1/2	2,724.89	7 1/2	2,943.96	7 1/2
7 3/4	2,075.94	7 3/4	2,294.20	7 3/4	2,432.28	7 3/4	2,729.39	7 3/4	2,948.49	7 3/4
8	2,080.50	8	2,298.76	8	2,432.28	8	2,733.89	8	2,953.02	8
8 1/4	2,085.05	8 1/4	2,303.32	8 1/4	2,432.28	8 1/4	2,738.39	8 1/4	2,957.55	8 1/4
8 1/2	2,089.60	8 1/2	2,307.89	8 1/2	2,432.28	8 1/2	2,742.89	8 1/2	2,962.08	8 1/2
8 3/4	2,094.15	8 3/4	2,312.45	8 3/4	2,432.28	8 3/4	2,747.39	8 3/4	2,966.61	8 3/4
9	2,098.70	9	2,317.01	9	2,432.28	9	2,751.89	9	2,971.14	9
9 1/4	2,103.25	9 1/4	2,321.57	9 1/4	2,432.28	9 1/4	2,756.39	9 1/4	2,975.67	9 1/4
9 1/2	2,107.78	9 1/2	2,326.11	9 1/2	2,432.28	9 1/2	2,760.89	9 1/2	2,980.20	9 1/2
9 3/4	2,112.31	9 3/4	2,330.66	9 3/4	2,432.28	9 3/4	2,765.39	9 3/4	2,984.73	9 3/4
10	2,116.85	10	2,335.21	10	2,432.28	10	2,769.89	10	2,989.26	10
10 1/4	2,121.38	10 1/4	2,339.75	10 1/4	2,432.28	10 1/4	2,774.39	10 1/4	2,993.79	10 1/4
10 1/2	2,125.92	10 1/2	2,344.28	10 1/2	2,432.28	10 1/2	2,778.89	10 1/2	2,998.32	10 1/2
10 3/4	2,130.45	10 3/4	2,348.80	10 3/4	2,432.28	10 3/4	2,783.39	10 3/4	3,002.85	10 3/4
11	2,134.99	11	2,353.33	11	2,432.28	11	2,787.89	11	3,007.38	11
11 1/4	2,139.52	11 1/4	2,357.86	11 1/4	2,432.28	11 1/4	2,792.39	11 1/4	3,011.91	11 1/4
11 1/2	2,144.05	11 1/2	2,362.38	11 1/2	2,432.28	11 1/2	2,796.89	11 1/2	3,016.44	11 1/2
11 3/4	2,148.59	11 3/4	2,366.90	11 3/4	2,432.28	11 3/4	2,801.39	11 3/4	3,020.97	11 3/4

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

E. W. SAYBOLT & CO., INC.

Del A Rose

NO. 6 PORT OR STARBOARD

BARGE HT6 2201

E. W. SAYBOLT & CO.
 334 N. 34TH ST., NEW YORK
 THE FIRM APPROVED AND LICENSED
 BY THE NEW YORK PASSAGE AGENCY
INSPECTORS OF PETROLEUM
 GENERAL HEADQUARTERS

INSPECTORS OF PETROLEUM GENERAL HEADQUARTERS

200 HAWAY

[illegible]

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED VESSEL ONLY. NO CHANGES OR
ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY



E W SAMBOLT & COMPANY
BY *Go. F. J. McCarty*
INSPECTOR OF PETROLEUM
APPROVED, NEW YORK OFFICE OF EXAMINER

NOTE: INNAAGE GAGES TAKEN AT GAGE HATCH ON TOP OF EXPANSION DOME. DOMES ARE NOT CENTERED AND BARGE MUST BE ON EVEN KEEL TO INSURE ACCURATE GAGING.

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

Strapped by- O.P.S. & J.S.
 W.L.S.
 DATE MARCH 29, 1954
 APRIL 22, 1954
 " 1954
 J.H.McC.
 CHECKED BY

General Headquarters
P.O. Box 204
Pasadena, Texas 77502

West Coast Headquarters
P.O. Box 146
Wilmington, Calif. 90746

BARGE "HTCO-2010"

2 PORT K INNAGE TABLE

NOTE: FORMERLY BARGE "HTCO - 204".

NOTE: GAUGE POINT LOCATED 3'-0" OFF CENTERLINE BULKHEAD, AND 2'-0" FROM AFT BULKHEAD.

GAGE HEIGHT 14'-9 1/4"

IN.	0	1	2	3	4	5	6	7	8	9
0	0.64	121.26	0	523.37	0	952.82	0	1,167.55	0	1,597.01
1/4	0.96	124.63	1/4	527.84	1/4	957.30	1/4	1,172.03	1/4	1,601.48
1/2	1.28	128.00	1/2	532.32	1/2	961.77	1/2	1,176.50	1/2	1,605.96
3/4	2.24	131.47	3/4	536.80	3/4	966.24	3/4	1,180.97	3/4	1,610.43
1	3.20	134.94	1	541.26	1	970.72	1	1,185.45	1	1,614.90
1 1/4	4.16	138.41	1 1/4	545.74	1 1/4	975.20	1 1/4	1,189.92	1 1/4	1,619.38
1 1/2	5.12	141.88	1 1/2	550.21	1 1/2	979.67	1 1/2	1,194.39	1 1/2	1,623.85
1 3/4	6.08	145.35	1 3/4	554.68	1 3/4	984.14	1 3/4	1,198.87	1 3/4	1,628.32
2	8.32	149.00	2	559.16	2	988.61	2	1,203.34	2	1,632.80
2 1/4	9.92	152.56	2 1/4	563.63	2 1/4	993.09	2 1/4	1,207.81	2 1/4	1,637.27
2 1/2	11.52	156.12	2 1/2	568.10	2 1/2	997.56	2 1/2	1,212.29	2 1/2	1,641.74
2 3/4	13.76	159.76	2 3/4	572.58	2 3/4	1,002.03	2 3/4	1,216.76	2 3/4	1,646.22
3	16.00	163.40	3	577.05	3	1,006.51	3	1,221.23	3	1,650.69
3 1/4	18.24	167.04	3 1/4	581.52	3 1/4	1,010.98	3 1/4	1,225.71	3 1/4	1,655.16
3 1/2	20.48	170.68	3 1/2	586.00	3 1/2	1,015.45	3 1/2	1,230.18	3 1/2	1,659.64
3 3/4	23.10	174.41	3 3/4	590.47	3 3/4	1,019.93	3 3/4	1,234.65	3 3/4	1,664.11
4	25.72	178.14	4	594.94	4	1,024.40	4	1,239.13	4	1,668.58
4 1/4	28.34	181.87	4 1/4	599.42	4 1/4	1,028.87	4 1/4	1,243.60	4 1/4	1,673.06
4 1/2	30.96	185.60	4 1/2	603.89	4 1/2	1,033.35	4 1/2	1,248.08	4 1/2	1,677.53
4 3/4	33.67	189.42	4 3/4	608.36	4 3/4	1,037.82	4 3/4	1,252.55	4 3/4	1,682.00
5	36.38	193.24	5	612.84	5	1,042.29	5	1,257.02	5	1,686.48
5 1/4	39.09	197.06	5 1/4	617.31	5 1/4	1,046.77	5 1/4	1,261.50	5 1/4	1,690.95
5 1/2	41.80	200.89	5 1/2	621.79	5 1/2	1,051.24	5 1/2	1,265.97	5 1/2	1,695.43
5 3/4	44.61	204.79	5 3/4	626.26	5 3/4	1,055.71	5 3/4	1,270.44	5 3/4	1,699.90
6	47.42	208.70	6	630.73	6	1,060.19	6	1,274.92	6	1,704.37
6 1/4	50.23	212.61	6 1/4	635.21	6 1/4	1,064.66	6 1/4	1,279.39	6 1/4	1,708.85
6 1/2	53.04	216.52	6 1/2	639.68	6 1/2	1,069.14	6 1/2	1,283.86	6 1/2	1,713.32
6 3/4	55.93	220.52	6 3/4	644.15	6 3/4	1,073.61	6 3/4	1,288.34	6 3/4	1,717.79
7	58.82	224.52	7	648.63	7	1,078.08	7	1,292.81	7	1,722.27
7 1/4	61.71	228.52	7 1/4	653.10	7 1/4	1,082.56	7 1/4	1,297.28	7 1/4	1,726.74
7 1/2	64.60	232.52	7 1/2	657.57	7 1/2	1,087.03	7 1/2	1,301.76	7 1/2	1,731.21
7 3/4	67.58	236.61	7 3/4	662.05	7 3/4	1,091.50	7 3/4	1,306.23	7 3/4	1,735.69
8	70.56	240.70	8	666.52	8	1,095.98	8	1,310.70	8	1,740.16
8 1/4	73.54	244.79	8 1/4	670.99	8 1/4	1,100.45	8 1/4	1,315.18	8 1/4	1,744.63
8 1/2	76.52	248.88	8 1/2	675.47	8 1/2	1,104.92	8 1/2	1,319.65	8 1/2	1,749.11
8 3/4	79.59	253.06	8 3/4	679.94	8 3/4	1,109.40	8 3/4	1,324.12	8 3/4	1,753.58
9	82.56	257.24	9	684.41	9	1,113.87	9	1,328.60	9	1,758.05
9 1/4	85.73	261.42	9 1/4	688.89	9 1/4	1,118.34	9 1/4	1,333.07	9 1/4	1,762.53
9 1/2	88.80	265.60	9 1/2	693.36	9 1/2	1,122.82	9 1/2	1,337.55	9 1/2	1,767.00
9 3/4	91.97	269.87	9 3/4	697.83	9 3/4	1,127.29	9 3/4	1,342.02	9 3/4	1,771.47
10	95.14	274.14	10	702.31	10	1,131.76	10	1,346.49	10	1,775.95
10 1/4	98.31	278.41	10 1/4	706.78	10 1/4	1,136.24	10 1/4	1,350.97	10 1/4	1,780.42
10 1/2	101.48	282.68	10 1/2	711.26	10 1/2	1,140.71	10 1/2	1,355.44	10 1/2	1,784.90
10 3/4	104.74	287.04	10 3/4	715.73	10 3/4	1,145.18	10 3/4	1,359.91	10 3/4	1,789.37
11	108.00	291.40	11	720.20	11	1,149.66	11	1,364.39	11	1,793.84
11 1/4	111.26	295.76	11 1/4	724.68	11 1/4	1,154.13	11 1/4	1,368.86	11 1/4	1,798.32
11 1/2	114.52	300.12	11 1/2	729.15	11 1/2	1,158.61	11 1/2	1,373.33	11 1/2	1,802.79
11 3/4	117.89	304.57	11 3/4	733.62	11 3/4	1,163.08	11 3/4	1,377.81	11 3/4	1,807.26

CAPACITIES GIVEN IN BARRELS OF 42 U. S. GALLONS.

NOTE: TABLES CONVERTED FROM ULLAGE TO INNAGE NOVEMBER 10, 1988.

NOTE: TABLE STOPS AT JUNCTION OF CENTERLINE AND DECK.

NOTE: EXPANSION TRUNK CAPACITY = .14 BARRELS PER 1".

NOTE: TABLES APPLY ONLY WHEN BARGE IS ON AN EVEN KEEL.

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF BUN COMPANY.

E. W. SAYBOLT & CO., INC.

Edith A. Rose

BARGE "HTCO-2010"

NOTE: FORMERLY BARGE "STCO - 204"

2 PORT INNAGE TABLE

GAGE HEIGHT 14'-9 1/4"

IN.	10	11	12	13	14	15	16	17	18	19
0	2,026.46	2,240.66	2,386.36	0	0	0	0	0	0	0
1/4	2,030.94	2,245.10	2,387.28	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,035.41	2,249.55	2,388.20	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,039.88	2,254.00	2,388.75	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,044.36	2,258.44	2,389.30	1	1	1	1	1	1	1
1 1/4	2,048.83	2,262.89	2,389.85	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,053.29	2,267.34	2,390.40	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
1 3/4	2,057.76	2,271.78	2,390.95	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4
2	2,062.23	2,276.23	2,391.50	2	2	2	2	2	2	2
2 1/4	2,066.69	2,280.67	2,392.05	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4
2 1/2	2,071.16	2,285.12	2,392.60	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2
2 3/4	2,075.63	2,289.56	2,393.15	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4
3	2,080.09	2,294.00	2,393.70	3	3	3	3	3	3	3
3 1/4	2,084.56	2,298.44	2,394.25	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4
3 1/2	2,089.03	2,302.88	2,394.80	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
3 3/4	2,093.50	2,307.32	2,395.35	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4
4	2,097.96	2,311.76	2,395.90	4	4	4	4	4	4	4
4 1/4	2,102.43	2,316.20	2,396.45	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4
4 1/2	2,106.89	2,320.64	2,397.00	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2
4 3/4	2,111.36	2,325.08	2,397.55	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4
5	2,115.83	2,329.52	2,398.10	5	5	5	5	5	5	5
5 1/4	2,120.30	2,333.96	2,398.65	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4
5 1/2	2,124.75	2,338.40	2,399.20	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2
5 3/4	2,129.23	2,342.84	2,399.75	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4
6	2,133.70	2,347.28	2,400.30	6	6	6	6	6	6	6
6 1/4	2,138.17	2,351.72	2,400.85	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4
6 1/2	2,142.63	2,356.16	2,401.40	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2
6 3/4	2,147.10	2,360.60	2,401.95	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4
7	2,151.57	2,365.04	2,402.50	7	7	7	7	7	7	7
7 1/4	2,156.03	2,369.48	2,403.05	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4
7 1/2	2,160.50	2,373.92	2,403.60	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2
7 3/4	2,164.97	2,378.36	2,404.15	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4
8	2,169.43	2,382.80	2,404.70	8	8	8	8	8	8	8
8 1/4	2,173.90	2,387.24	2,405.25	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4
8 1/2	2,178.37	2,391.68	2,405.80	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2
8 3/4	2,182.84	2,396.12	2,406.35	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4
9	2,187.30	2,400.56	2,406.90	9	9	9	9	9	9	9
9 1/4	2,191.75	2,405.00	2,407.45	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4
9 1/2	2,196.21	2,409.44	2,408.00	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2
9 3/4	2,200.66	2,413.88	2,408.55	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4
10	2,205.12	2,418.32	2,409.10	10	10	10	10	10	10	10
10 1/4	2,209.57	2,422.76	2,409.65	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4
10 1/2	2,214.03	2,427.20	2,410.20	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2
10 3/4	2,218.48	2,431.64	2,410.75	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4
11	2,222.94	2,436.08	2,411.30	11	11	11	11	11	11	11
11 1/4	2,227.39	2,440.52	2,411.85	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4
11 1/2	2,231.85	2,444.96	2,412.40	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2
11 3/4	2,236.30	2,449.40	2,412.95	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4

CAPACITIES GIVEN IN BARRELS OF 42 U. S. GALLONS.

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF
ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY

E. W. SAYBOLT & CO. INC.

BY *Del. A. Pava*

BARGE "HTCo 2302"

1 STAR.

GAUGE HEIGHT 13' - 7" 1/2

W. E. SAYBOLT & CO., INC.
JOE H. MCCABE, JOE H. MCCABE, JR.,
ASSOCIATES AND LICENSEES AT
THE NEW YORK PRODUCE EXCHANGE
INSPECTORS OF PETROLEUM

[illegible]

STATE OF CONNECTICUT - DIVISION OF CONSUMER PROTECTION

EXPANSION TRUNK CAPACITY = 27 DBLS. /"

WHEN BARGE IS DOWN BY STERN. 9.4d 1
INCHES To VLLAGE GAUGE FOR EACH FOOT OF DRAG.

CAPACITIES GIVEN IN
RAVINGS OF 42 U.S. GALLONS

SHEET 2 OF 10 SHEETS

12-00000



E. W. SAYBOLT & CO., INC.

552

DEPUTY INSPECTOR OF PETROLEUM
APPROVED AT NEW YORK SECURITY HEADQUARTERS

1 PORT INNAGE TABLE

BARGE "S-2018"

FORMERLY BARGE "STCO-2016"

E. W. SAYBOLT & CO., INC.

Our Coast Headquarters
P.O. Box 1502
Pasadena, Texas 77502

General Managers
Kenneth H. J. 00033
400 South Orange

West Coast Headquarters
C/O Bay View
Wilmington, Calif. 90746

NOTE: CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

NOTE: GAUGE POINT LOCATED 1'-8" OFF CENTERLINE AND 1'-8" FORWARD OF AFT. BULKHEAD.

NOTE: TABLES APPLY ONLY WHEN BARGE IS ON EVEN KEEL.

NOTE: GAUGES TO BE TAKEN TO INSIDE LIP OF HATCH, OPPOSITE HINGE, 1/4" DOWN FROM TOP LIP.

GAGE HEIGHT 14'-9"

IN.	0	1	2	3	4	5	6	7	8	9
FT.	0	1	2	3	4	5	6	7	8	9
0	0.30	0	80.97	0	227.19	0	408.79	0	620.23	0
1/4	0.65	1/4	83.63	1/4	230.66	1/4	412.94	1/4	624.79	1/4
1/2	1.00	1/2	86.30	1/2	234.13	1/2	417.09	1/2	629.34	1/2
3/4	1.35	3/4	88.96	3/4	237.59	3/4	421.23	3/4	633.90	3/4
1	1.70	1	91.62	1	241.06	1	425.38	1	638.46	1
1 1/4	2.42	1 1/4	94.36	1 1/4	244.59	1 1/4	429.59	1 1/4	643.01	1 1/4
1 1/2	3.15	1 1/2	97.11	1 1/2	248.11	1 1/2	433.79	1 1/2	647.57	1 1/2
1 3/4	3.87	1 3/4	99.85	1 3/4	251.64	1 3/4	437.99	1 3/4	652.13	1 3/4
2	4.59	2	102.59	2	255.16	2	442.20	2	656.68	2
2 1/4	5.63	2 1/4	105.41	2 1/4	258.75	2 1/4	446.46	2 1/4	661.24	2 1/4
2 1/2	6.67	2 1/2	108.22	2 1/2	262.33	2 1/2	450.72	2 1/2	665.80	2 1/2
2 3/4	7.71	2 3/4	111.04	2 3/4	265.91	2 3/4	454.98	2 3/4	670.35	2 3/4
3	8.75	3	113.86	3	269.49	3	459.24	3	674.91	3
3 1/4	10.05	3 1/4	116.75	3 1/4	273.13	3 1/4	463.55	3 1/4	679.47	3 1/4
3 1/2	11.34	3 1/2	119.63	3 1/2	276.77	3 1/2	467.87	3 1/2	684.02	3 1/2
3 3/4	12.64	3 3/4	122.52	3 3/4	280.41	3 3/4	472.19	3 3/4	688.58	3 3/4
4	13.94	4	125.41	4	284.05	4	476.50	4	693.13	4
4 1/4	15.46	4 1/4	128.37	4 1/4	287.75	4 1/4	480.87	4 1/4	697.69	4 1/4
4 1/2	16.97	4 1/2	131.32	4 1/2	291.54	4 1/2	485.24	4 1/2	702.25	4 1/2
4 3/4	18.48	4 3/4	134.28	4 3/4	295.14	4 3/4	489.61	4 3/4	706.80	4 3/4
5	20.00	5	137.24	5	298.83	5	493.98	5	711.36	5
5 1/4	21.70	5 1/4	140.26	5 1/4	302.59	5 1/4	498.41	5 1/4	715.92	5 1/4
5 1/2	23.40	5 1/2	143.28	5 1/2	306.34	5 1/2	502.83	5 1/2	720.47	5 1/2
5 3/4	25.10	5 3/4	146.30	5 3/4	310.10	5 3/4	507.25	5 3/4	725.03	5 3/4
6	26.80	6	149.32	6	313.86	6	511.67	6	729.59	6
6 1/4	28.69	6 1/4	152.40	6 1/4	317.67	6 1/4	516.13	6 1/4	734.14	6 1/4
6 1/2	30.57	6 1/2	155.49	6 1/2	321.49	6 1/2	520.59	6 1/2	738.70	6 1/2
6 3/4	32.46	6 3/4	158.57	6 3/4	325.31	6 3/4	525.06	6 3/4	743.26	6 3/4
7	34.34	7	161.66	7	329.13	7	529.52	7	747.81	7
7 1/4	36.42	7 1/4	164.81	7 1/4	333.00	7 1/4	534.01	7 1/4	752.37	7 1/4
7 1/2	38.50	7 1/2	167.95	7 1/2	336.87	7 1/2	538.51	7 1/2	756.93	7 1/2
7 3/4	40.57	7 3/4	171.10	7 3/4	340.75	7 3/4	543.01	7 3/4	761.48	7 3/4
8	42.65	8	174.25	8	344.62	8	547.51	8	766.04	8
8 1/4	44.87	8 1/4	177.46	8 1/4	348.55	8 1/4	552.03	8 1/4	770.60	8 1/4
8 1/2	47.10	8 1/2	180.68	8 1/2	352.49	8 1/2	556.56	8 1/2	775.15	8 1/2
8 3/4	49.33	8 3/4	183.89	8 3/4	356.40	8 3/4	561.08	8 3/4	779.71	8 3/4
9	51.55	9	187.10	9	360.33	9	565.61	9	784.27	9
9 1/4	53.90	9 1/4	190.38	9 1/4	364.32	9 1/4	570.15	9 1/4	788.82	9 1/4
9 1/2	56.24	9 1/2	193.66	9 1/2	368.30	9 1/2	574.70	9 1/2	793.38	9 1/2
9 3/4	58.59	9 3/4	196.93	9 3/4	372.28	9 3/4	579.24	9 3/4	797.94	9 3/4
10	60.94	10	200.21	10	376.27	10	583.79	10	802.50	10
10 1/4	63.39	10 1/4	203.55	10 1/4	380.30	10 1/4	588.34	10 1/4	807.05	10 1/4
10 1/2	65.84	10 1/2	206.89	10 1/2	384.34	10 1/2	592.90	10 1/2	811.61	10 1/2
10 3/4	68.29	10 3/4	210.23	10 3/4	388.36	10 3/4	597.45	10 3/4	816.17	10 3/4
11	70.74	11	213.58	11	392.42	11	602.01	11	820.72	11
11 1/4	73.30	11 1/4	216.98	11 1/4	396.51	11 1/4	606.56	11 1/4	825.28	11 1/4
11 1/2	75.85	11 1/2	220.38	11 1/2	400.60	11 1/2	611.12	11 1/2	829.84	11 1/2
11 3/4	78.41	11 3/4	223.79	11 3/4	404.70	11 3/4	615.68	11 3/4	834.39	11 3/4

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY NO CHANGE OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY

E. W. SAYBOLT & CO., INC.

Don A. Ruse

1 PORT INNAGE TABLE

BARGE "S-2018"

FORMERLY BARGE "STCO-2016"

E. W. SAYBOLT & CO., INC.

General Headquarters
400 B Street, New York
New York, N. Y. 10033

West Coast Headquarters
400 B Street, Los Angeles
Los Angeles, Calif. 90048

Oil Coast Headquarters
P.O. Box 4281
Pasadena, Texas 77502

GAGE HEIGHT 14'-9"

	10	11	12	13	14	15	16	17	18	19
IN.	FT. IN.	FT. IN.	FT. IN.	FT. IN.	FT. IN.	FT. IN.	FT. IN.	FT. IN.	FT. IN.	FT. IN.
0	1,932.56	0	2,150.95	0	2,369.06	0	2,587.17	0	2,805.28	0
1/4	1,937.12	1/4	2,155.48	1/4	2,373.53	1/4	2,591.64	1/4	2,809.75	1/4
1/2	1,941.68	1/2	2,160.02	1/2	2,378.01	1/2	2,596.10	1/2	2,814.21	1/2
3/4	1,946.24	3/4	2,164.55	3/4	2,382.49	3/4	2,600.56	3/4	2,818.67	3/4
1	1,950.79	1	2,169.08	1	2,386.96	1	2,605.02	1	2,823.13	1
1 1/4	1,955.35	1 1/4	2,173.61	1 1/4	2,391.03	1 1/4	2,609.49	1 1/4	2,827.59	1 1/4
1 1/2	1,959.91	1 1/2	2,178.14	1 1/2	2,395.10	1 1/2	2,613.95	1 1/2	2,832.05	1 1/2
1 3/4	1,964.47	1 3/4	2,182.67	1 3/4	2,399.16	1 3/4	2,618.42	1 3/4	2,836.51	1 3/4
2	1,969.02	2	2,187.20	2	2,403.23	2	2,622.88	2	2,840.97	2
2 1/4	1,973.58	2 1/4	2,191.73	2 1/4	2,407.29	2 1/4	2,627.34	2 1/4	2,845.43	2 1/4
2 1/2	1,978.14	2 1/2	2,196.27	2 1/2	2,411.36	2 1/2	2,631.80	2 1/2	2,849.89	2 1/2
2 3/4	1,982.70	2 3/4	2,200.80	2 3/4	2,415.43	2 3/4	2,636.26	2 3/4	2,854.35	2 3/4
3	1,987.26	3	2,205.33	3	2,419.49	3	2,640.72	3	2,858.81	3
3 1/4	1,991.81	3 1/4	2,209.87	3 1/4	2,423.56	3 1/4	2,645.18	3 1/4	2,863.27	3 1/4
3 1/2	1,996.37	3 1/2	2,214.41	3 1/2	2,427.62	3 1/2	2,649.64	3 1/2	2,867.73	3 1/2
3 3/4	2,000.93	3 3/4	2,218.95	3 3/4	2,431.69	3 3/4	2,654.10	3 3/4	2,872.19	3 3/4
4	2,005.49	4	2,223.50	4	2,435.75	4	2,658.56	4	2,876.65	4
4 1/4	2,010.04	4 1/4	2,228.05	4 1/4	2,439.81	4 1/4	2,663.02	4 1/4	2,881.11	4 1/4
4 1/2	2,014.60	4 1/2	2,232.61	4 1/2	2,443.87	4 1/2	2,667.48	4 1/2	2,885.57	4 1/2
4 3/4	2,019.16	4 3/4	2,237.17	4 3/4	2,447.93	4 3/4	2,671.94	4 3/4	2,890.03	4 3/4
5	2,023.72	5	2,241.73	5	2,451.99	5	2,676.40	5	2,894.49	5
5 1/4	2,028.28	5 1/4	2,246.29	5 1/4	2,456.05	5 1/4	2,680.86	5 1/4	2,898.95	5 1/4
5 1/2	2,032.83	5 1/2	2,250.85	5 1/2	2,460.11	5 1/2	2,685.32	5 1/2	2,903.41	5 1/2
5 3/4	2,037.39	5 3/4	2,255.41	5 3/4	2,464.17	5 3/4	2,689.78	5 3/4	2,907.87	5 3/4
6	2,041.95	6	2,259.97	6	2,468.23	6	2,694.24	6	2,912.33	6
6 1/4	2,046.51	6 1/4	2,264.53	6 1/4	2,472.29	6 1/4	2,698.70	6 1/4	2,916.79	6 1/4
6 1/2	2,051.07	6 1/2	2,269.09	6 1/2	2,476.35	6 1/2	2,703.16	6 1/2	2,921.25	6 1/2
6 3/4	2,055.62	6 3/4	2,273.65	6 3/4	2,480.41	6 3/4	2,707.62	6 3/4	2,925.71	6 3/4
7	2,060.18	7	2,278.21	7	2,484.47	7	2,712.08	7	2,930.17	7
7 1/4	2,064.74	7 1/4	2,282.77	7 1/4	2,488.53	7 1/4	2,716.54	7 1/4	2,934.63	7 1/4
7 1/2	2,069.30	7 1/2	2,287.33	7 1/2	2,492.59	7 1/2	2,721.00	7 1/2	2,939.09	7 1/2
7 3/4	2,073.85	7 3/4	2,291.89	7 3/4	2,496.65	7 3/4	2,725.46	7 3/4	2,943.55	7 3/4
8	2,078.41	8	2,296.45	8	2,500.71	8	2,729.92	8	2,948.01	8
8 1/4	2,082.96	8 1/4	2,301.00	8 1/4	2,504.77	8 1/4	2,734.38	8 1/4	2,952.47	8 1/4
8 1/2	2,087.50	8 1/2	2,305.56	8 1/2	2,508.83	8 1/2	2,738.84	8 1/2	2,956.93	8 1/2
8 3/4	2,092.05	8 3/4	2,310.12	8 3/4	2,512.89	8 3/4	2,743.30	8 3/4	2,961.39	8 3/4
9	2,096.60	9	2,314.68	9	2,516.95	9	2,747.76	9	2,965.85	9
9 1/4	2,101.13	9 1/4	2,319.23	9 1/4	2,521.01	9 1/4	2,752.22	9 1/4	2,970.31	9 1/4
9 1/2	2,105.66	9 1/2	2,323.78	9 1/2	2,525.07	9 1/2	2,756.68	9 1/2	2,974.77	9 1/2
9 3/4	2,110.19	9 3/4	2,328.32	9 3/4	2,529.13	9 3/4	2,761.14	9 3/4	2,979.23	9 3/4
10	2,114.72	10	2,332.87	10	2,533.19	10	2,765.60	10	2,983.69	10
10 1/4	2,119.25	10 1/4	2,337.39	10 1/4	2,537.25	10 1/4	2,770.06	10 1/4	2,988.15	10 1/4
10 1/2	2,123.78	10 1/2	2,341.91	10 1/2	2,541.31	10 1/2	2,774.52	10 1/2	2,992.61	10 1/2
10 3/4	2,128.31	10 3/4	2,346.44	10 3/4	2,545.37	10 3/4	2,778.98	10 3/4	2,997.07	10 3/4
11	2,132.84	11	2,350.96	11	2,549.43	11	2,783.44	11	3,001.53	11
11 1/4	2,137.37	11 1/4	2,355.49	11 1/4	2,553.49	11 1/4	2,787.90	11 1/4	3,005.99	11 1/4
11 1/2	2,141.90	11 1/2	2,360.01	11 1/2	2,557.55	11 1/2	2,792.36	11 1/2	3,010.45	11 1/2
11 3/4	2,146.42	11 3/4	2,364.53	11 3/4	2,561.61	11 3/4	2,796.82	11 3/4	3,014.91	11 3/4

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY

E. W. SAYBOLT & CO., INC.

Del A Rose



Quilt Coal Headwaters
 P.O. Box 4384
 Pasadena, Texas 77502
 General Headquarters
 600 S. Main Street
 Kennesaw, Ga. 30144
 West Coast Headquarters
 P.O. Box 1116
 Wilmington, Calif. 90748

NOTE: TABLES APPLY ONLY WHEN BARGE IS ON EVEN KEEL.
 NOTE: GAUGE POINT LOCATED 1'-8" OFF CENTERLINE AND 1'-8" FORWARD OF AFT. BULKHEAD.

BARGE "S-2018"
1 STBD.
INNAGE TABLE

NOTE: GAUGES TO BE TAKEN TO INSIDE LIP OF HATCH, OPPOSITE HINGE, 1/4" DOWN FROM TOP LIP.
 GAGE HEIGHT 14'-9 5/8"

	0	1	2	3	4	5	6	7	8	9
in.	ft.	in.	ft.	in.	ft.	in.	ft.	in.	ft.	in.
0	0.28	0	81.10	0	227.45	0	620.86	0	1,058.73	0
1/4	0.67	1/4	83.72	1/4	230.90	1/4	625.42	1/4	1,063.29	1/4
1/2	1.07	1/2	86.40	1/2	234.37	1/2	629.98	1/2	1,067.85	1/2
3/4	1.47	3/4	89.07	3/4	237.85	3/4	634.54	3/4	1,072.42	3/4
1	1.86	1	91.75	1	241.33	1	639.10	1	1,076.98	1
1/4	2.24	1/4	94.46	1/4	244.84	1/4	643.66	1/4	1,081.54	1/4
1/2	2.63	1/2	97.12	1/2	248.37	1/2	648.22	1/2	1,086.10	1/2
3/4	3.02	3/4	99.79	3/4	251.91	3/4	652.78	3/4	1,090.66	3/4
1	3.41	1	102.47	1	255.45	1	657.35	1	1,095.22	1
1/4	3.80	1/4	105.12	1/4	259.01	1/4	661.91	1/4	1,099.78	1/4
1/2	4.19	1/2	107.77	1/2	262.60	1/2	666.47	1/2	1,104.34	1/2
3/4	4.58	3/4	110.42	3/4	266.20	3/4	671.03	3/4	1,108.90	3/4
1	4.97	1	113.07	1	269.79	1	675.59	1	1,113.47	1
1/4	5.36	1/4	115.72	1/4	273.41	1/4	680.15	1/4	1,118.03	1/4
1/2	5.75	1/2	118.37	1/2	277.06	1/2	684.71	1/2	1,122.59	1/2
3/4	6.14	3/4	121.02	3/4	280.71	3/4	689.27	3/4	1,127.15	3/4
1	6.53	1	123.67	1	284.36	1	693.83	1	1,131.71	1
1/4	6.92	1/4	126.32	1/4	288.04	1/4	698.39	1/4	1,136.27	1/4
1/2	7.31	1/2	128.97	1/2	291.75	1/2	702.96	1/2	1,140.83	1/2
3/4	7.70	3/4	131.62	3/4	295.45	3/4	707.52	3/4	1,145.39	3/4
1	8.09	1	134.27	1	299.16	1	712.08	1	1,149.95	1
1/4	8.48	1/4	136.92	1/4	302.90	1/4	716.64	1/4	1,154.52	1/4
1/2	8.87	1/2	139.57	1/2	306.66	1/2	721.20	1/2	1,159.08	1/2
3/4	9.26	3/4	142.22	3/4	310.43	3/4	725.76	3/4	1,163.64	3/4
1	9.65	1	144.87	1	314.20	1	730.32	1	1,168.20	1
1/4	10.04	1/4	147.52	1/4	318.00	1/4	734.88	1/4	1,172.76	1/4
1/2	10.43	1/2	150.17	1/2	321.83	1/2	739.44	1/2	1,177.32	1/2
3/4	10.82	3/4	152.82	3/4	325.65	3/4	744.01	3/4	1,181.88	3/4
1	11.21	1	155.47	1	329.48	1	748.57	1	1,186.44	1
1/4	11.60	1/4	158.12	1/4	333.34	1/4	753.13	1/4	1,191.00	1/4
1/2	11.99	1/2	160.77	1/2	337.22	1/2	757.69	1/2	1,195.56	1/2
3/4	12.38	3/4	163.42	3/4	341.11	3/4	762.25	3/4	1,200.13	3/4
1	12.77	1	166.07	1	344.99	1	766.81	1	1,204.69	1
1/4	13.16	1/4	168.72	1/4	348.90	1/4	771.37	1/4	1,209.25	1/4
1/2	13.55	1/2	171.37	1/2	352.84	1/2	775.94	1/2	1,213.81	1/2
3/4	13.94	3/4	174.02	3/4	356.78	3/4	780.50	3/4	1,218.37	3/4
1	14.33	1	176.67	1	360.72	1	785.06	1	1,222.93	1
1/4	14.72	1/4	179.32	1/4	364.69	1/4	789.62	1/4	1,227.49	1/4
1/2	15.11	1/2	181.97	1/2	368.68	1/2	794.18	1/2	1,232.05	1/2
3/4	15.50	3/4	184.62	3/4	372.67	3/4	798.74	3/4	1,236.61	3/4
1	15.89	1	187.27	1	376.67	1	803.30	1	1,241.18	1
1/4	16.28	1/4	189.92	1/4	380.69	1/4	807.87	1/4	1,245.74	1/4
1/2	16.67	1/2	192.57	1/2	384.74	1/2	812.43	1/2	1,250.30	1/2
3/4	17.06	3/4	195.22	3/4	388.79	3/4	816.99	3/4	1,254.86	3/4
1	17.45	1	197.87	1	392.84	1	821.55	1	1,259.42	1
1/4	17.84	1/4	200.52	1/4	396.91	1/4	826.11	1/4	1,263.98	1/4
1/2	18.23	1/2	203.17	1/2	401.02	1/2	830.67	1/2	1,268.54	1/2
3/4	18.62	3/4	205.82	3/4	405.12	3/4	835.23	3/4	1,273.10	3/4
1	19.01	1	208.47	1						
1/4	19.40	1/4	211.12	1/4						
1/2	19.79	1/2	213.77	1/2						
3/4	20.18	3/4	216.42	3/4						
1	20.57	1	219.07	1						
1/4	20.96	1/4	221.72	1/4						
1/2	21.35	1/2	224.37	1/2						
3/4	21.74	3/4	227.02	3/4						
1	22.13	1	229.67	1						
1/4	22.52	1/4	232.32	1/4						
1/2	22.91	1/2	234.97	1/2						
3/4	23.30	3/4	237.62	3/4						
1	23.69	1	240.27	1						
1/4	24.08	1/4	242.92	1/4						
1/2	24.47	1/2	245.57	1/2						
3/4	24.86	3/4	248.22	3/4						
1	25.25	1	250.87	1						
1/4	25.64	1/4	253.52	1/4						
1/2	26.03	1/2	256.17	1/2						
3/4	26.42	3/4	258.82	3/4						
1	26.81	1	261.47	1						
1/4	27.20	1/4	264.12	1/4						
1/2	27.59	1/2	266.77	1/2						
3/4	27.98	3/4	269.42	3/4						
1	28.37	1	272.07	1						
1/4	28.76	1/4	274.72	1/4						
1/2	29.15	1/2	277.37	1/2						
3/4	29.54	3/4	280.02	3/4						
1	29.93	1	282.67	1						
1/4	30.32	1/4	285.32	1/4						
1/2	30.71	1/2	287.97	1/2						
3/4	31.10	3/4	290.62	3/4						
1	31.49	1	293.27	1						
1/4	31.88	1/4	295.92	1/4						
1/2	32.27	1/2	298.57	1/2						
3/4	32.66	3/4	301.22	3/4						
1	33.05	1	303.87	1						
1/4	33.44	1/4	306.52	1/4						
1/2	33.83	1/2	309.17	1/2						
3/4	34.22	3/4	311.82	3/4						
1	34.61	1	314.47	1						
1/4	35.00	1/4	317.12	1/4						
1/2	35.39	1/2	319.77	1/2						
3/4	35.78	3/4	322.42	3/4						
1	36.17	1	325.07	1						
1/4	36.56	1/4	327.72	1/4						
1/2	36.95	1/2	330.37	1/2						
3/4	37.34	3/4	333.02	3/4						
1	37.73	1	335.67	1						
1/4	38.12	1/4	338.32	1/4						
1/2	38.51	1/2	340.97	1/2						
3/4	38.90	3/4	343.62	3/4						
1	39.29	1	346.27	1						
1/4	39.68	1/4	348.92	1/4						
1/2	40.07	1/2	351.57	1/2						
3/4	40.46	3/4	354.22	3/4						
1	40.85	1	356.87	1						
1/4	41.24	1/4	359.52	1/4						
1/2	41.63	1/2	362.17	1/2						
3/4	42.02	3/4	364.82	3/4						
1	42.41	1	367.47	1						
1/4	42.80	1/4	370.12	1/4						
1/2	43.19	1/2	372.77	1/2						
3/4	43.58	3/4	375.42	3/4						
1	43.97	1	378.07	1						
1/4	44.36	1/4	380.72	1/4						
1/2	44.75	1/2	383.37	1/2						
3/4	45.14	3/4	386.02	3/4						
1	45.53	1	388.67	1						
1/4	45.92	1/4	391.32	1/4						
1/2	46.31	1/2	393.97	1/2						
3/4	46.70	3/4	396.62	3/4						
1	47.09	1	399.27	1						
1/4	47.48	1/4	401.92	1/4						
1/2	47.87	1/2	404.57	1/2						
3/4	48.26	3/4	407.22	3/4						
1	48.65	1	409.87	1						
1/4	49.04	1/4	412.52	1/4						
1/2	49.43	1/2	415.17	1/2		</				

1 STBD. INNAGE TABLE

BARGE "S-2018"

FORMERLY BARGE "STCO-2018"

E. W. SAYBOLT & CO., INC.

Our Corp. Headquarters
P.O. Box 1144
Pasadena, Texas 77502

General Headquarters
400 E. Main Drive
Kennebunk, N. H. 02033

West Coast Headquarters
P.O. Box 1144
Washington, Calif. 90716

GAGE HEIGHT 14'-9 5/8"

IN.	10	11	12	13	14	15	16	17	18	19
0	1,934.51	2,153.12	2,371.43	2,589.74	2,808.05	3,026.36	3,244.67	3,462.98	3,681.29	3,899.60
1/4	1,939.07	2,157.66	2,375.90	2,594.14	2,812.38	3,030.62	3,248.86	3,467.10	3,685.34	3,903.58
1/2	1,943.63	2,162.19	2,380.33	2,598.57	2,816.81	3,035.05	3,253.29	3,471.53	3,689.77	3,908.01
3/4	1,948.19	2,166.73	2,384.76	2,602.94	2,821.20	3,039.44	3,257.68	3,475.92	3,694.16	3,912.40
1	1,952.76	2,171.26	2,389.19	2,607.47	2,825.73	3,043.97	3,262.21	3,480.45	3,698.69	3,916.84
1 1/4	1,957.32	2,175.80	2,393.38	2,612.01	2,830.27	3,048.51	3,266.75	3,484.99	3,703.23	3,921.28
1 1/2	1,961.88	2,180.34	2,397.34	2,616.55	2,834.81	3,053.05	3,271.29	3,489.53	3,707.77	3,925.72
1 3/4	1,966.44	2,184.87	2,401.29	2,621.09	2,839.35	3,057.59	3,275.83	3,494.07	3,712.31	3,930.16
2	1,971.01	2,189.41	2,405.24	2,625.63	2,843.89	3,062.13	3,280.37	3,498.61	3,716.85	3,934.60
2 1/4	1,975.57	2,193.94	2,409.19	2,630.17	2,848.43	3,066.67	3,284.91	3,503.15	3,721.39	3,939.04
2 1/2	1,980.13	2,198.48	2,413.63	2,634.71	2,852.97	3,071.21	3,289.45	3,507.69	3,725.93	3,943.48
2 3/4	1,984.69	2,203.02	2,418.07	2,639.25	2,857.51	3,075.75	3,293.99	3,512.23	3,730.47	3,947.92
3	1,989.25	2,207.56	2,422.51	2,643.79	2,862.05	3,080.29	3,298.53	3,516.77	3,735.01	3,952.36
3 1/4	1,993.82	2,212.10	2,426.95	2,648.33	2,866.59	3,084.83	3,303.07	3,521.31	3,739.55	3,956.80
3 1/2	1,998.38	2,216.64	2,431.39	2,652.87	2,871.13	3,089.37	3,307.61	3,525.85	3,744.09	3,961.24
3 3/4	2,002.94	2,221.18	2,435.83	2,657.41	2,875.67	3,093.91	3,312.15	3,530.39	3,748.63	3,965.68
4	2,007.50	2,225.72	2,440.27	2,661.95	2,880.21	3,098.45	3,316.69	3,534.93	3,753.17	3,970.12
4 1/4	2,012.07	2,230.26	2,444.71	2,666.49	2,884.75	3,102.99	3,321.23	3,539.47	3,757.71	3,974.56
4 1/2	2,016.63	2,234.80	2,449.15	2,671.03	2,889.29	3,107.53	3,325.77	3,544.01	3,762.25	3,979.00
4 3/4	2,021.19	2,239.34	2,453.59	2,675.57	2,893.83	3,112.07	3,330.31	3,548.55	3,766.79	3,983.44
5	2,025.75	2,243.88	2,458.03	2,680.11	2,898.37	3,116.61	3,334.85	3,553.09	3,771.33	3,987.88
5 1/4	2,030.32	2,248.42	2,462.47	2,684.65	2,902.91	3,121.15	3,339.39	3,557.63	3,775.87	3,992.32
5 1/2	2,034.88	2,252.96	2,466.91	2,689.19	2,907.45	3,125.69	3,343.93	3,562.17	3,780.41	3,996.76
5 3/4	2,039.44	2,257.50	2,471.35	2,693.73	2,911.99	3,130.23	3,348.47	3,566.71	3,784.95	4,001.20
6	2,044.00	2,262.04	2,475.79	2,698.27	2,916.53	3,134.77	3,353.01	3,571.25	3,789.49	4,005.64
6 1/4	2,048.56	2,266.58	2,480.23	2,702.81	2,921.07	3,139.31	3,357.55	3,575.79	3,794.03	4,010.08
6 1/2	2,053.13	2,271.12	2,484.67	2,707.35	2,925.61	3,143.85	3,362.09	3,580.33	3,798.57	4,014.52
6 3/4	2,057.69	2,275.66	2,489.11	2,711.89	2,930.15	3,148.39	3,366.63	3,584.87	3,803.11	4,018.96
7	2,062.25	2,280.20	2,493.55	2,716.43	2,934.69	3,152.93	3,371.17	3,589.41	3,807.65	4,023.40
7 1/4	2,066.81	2,284.74	2,497.99	2,720.97	2,939.23	3,157.47	3,375.71	3,593.95	3,812.19	4,027.84
7 1/2	2,071.38	2,289.28	2,502.43	2,725.51	2,943.77	3,162.01	3,380.25	3,598.49	3,816.73	4,032.28
7 3/4	2,075.94	2,293.82	2,506.87	2,730.05	2,948.31	3,166.55	3,384.79	3,603.03	3,821.27	4,036.72
8	2,080.50	2,298.36	2,511.31	2,734.59	2,952.85	3,171.09	3,389.33	3,607.57	3,825.81	4,041.16
8 1/4	2,085.05	2,302.90	2,515.75	2,739.13	2,957.39	3,175.63	3,393.87	3,612.11	3,830.35	4,045.60
8 1/2	2,089.60	2,307.44	2,520.19	2,743.67	2,961.93	3,180.17	3,398.41	3,616.65	3,834.89	4,050.04
8 3/4	2,094.15	2,311.98	2,524.63	2,748.21	2,966.47	3,184.71	3,402.95	3,621.19	3,839.43	4,054.48
9	2,098.70	2,316.52	2,529.07	2,752.75	2,971.01	3,189.25	3,407.49	3,625.73	3,843.97	4,058.92
9 1/4	2,103.25	2,321.06	2,533.51	2,757.29	2,975.55	3,193.79	3,412.03	3,630.27	3,848.51	4,063.36
9 1/2	2,107.78	2,325.60	2,537.95	2,761.83	2,980.09	3,198.33	3,416.57	3,634.81	3,853.05	4,067.80
9 3/4	2,112.33	2,330.14	2,542.39	2,766.37	2,984.63	3,202.87	3,421.11	3,639.35	3,857.59	4,072.24
10	2,116.85	2,334.68	2,546.83	2,770.91	2,989.17	3,207.41	3,425.65	3,643.89	3,862.13	4,076.68
10 1/4	2,121.38	2,339.22	2,551.27	2,775.45	2,993.71	3,211.95	3,430.19	3,648.43	3,866.67	4,081.12
10 1/2	2,125.92	2,343.76	2,555.71	2,779.99	2,998.25	3,216.49	3,434.73	3,652.97	3,871.21	4,085.56
10 3/4	2,130.45	2,348.30	2,560.15	2,784.53	3,002.79	3,221.03	3,439.27	3,657.51	3,875.75	4,090.00
11	2,134.99	2,352.84	2,564.59	2,789.07	3,007.33	3,225.57	3,443.81	3,662.05	3,880.29	4,094.44
11 1/4	2,139.52	2,357.38	2,569.03	2,793.61	3,011.87	3,230.11	3,448.35	3,666.59	3,884.83	4,098.88
11 1/2	2,144.05	2,361.92	2,573.47	2,798.15	3,016.41	3,234.65	3,452.89	3,671.13	3,889.37	4,103.32
11 3/4	2,148.59	2,366.46	2,577.91	2,802.69	3,020.95	3,239.19	3,457.43	3,675.67	3,893.91	4,107.76

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

E. W. SAYBOLT & CO., INC.

John A. Rose



0 1 PORT

BARGE "HTCO 2516"

NOTE: TANK STRAPPED AND COMPUTED IN ACCORDANCE WITH API STANDARD 2553, "LINEAR MEASUREMENT". NOTE: TANK CAN ONLY BE DECLARED EMPTY BY VISUAL INSPECTION.
NOTE: GAUGE POINT: TO TOP LIP OF 8" HATCH ON EXPANSION DOME.

GAGE HEIGHT 13-6 7/8"

0		1		2		3		4		5		6		7		8	
IN	FT	IN	FT	IN	FT	IN	FT	IN	FT	IN	FT	IN	FT	IN	FT	IN	FT
0	0.36	0	71.43	0	207.74	0	372.09	0	553.56	0	746.40	0	947.15	0	1,153.44	0	1,363.52
1	0.70	1	73.87	1	210.95	1	375.73	1	557.48	1	750.52	1	951.40	1	1,157.79	1	1,367.93
2	1.04	2	76.32	2	214.16	2	379.37	2	561.41	2	754.63	2	955.65	2	1,162.13	2	1,372.34
3	1.39	3	78.76	3	217.38	3	383.01	3	565.33	3	758.75	3	959.90	3	1,166.48	3	1,376.75
4	1.73	4	81.20	4	220.59	4	386.65	4	569.26	4	762.86	4	964.16	4	1,170.82	4	1,381.16
5	2.08	5	83.73	5	223.85	5	390.31	5	573.20	5	766.99	5	968.42	5	1,175.18	5	1,385.57
6	2.42	6	86.26	6	227.10	6	393.98	6	577.14	6	771.12	6	972.68	6	1,179.53	6	1,389.98
7	2.77	7	88.79	7	230.36	7	397.65	7	581.08	7	775.25	7	976.94	7	1,183.88	7	1,394.40
8	3.11	8	91.31	8	233.62	8	401.32	8	585.03	8	779.38	8	981.20	8	1,188.23	8	1,398.81
9	3.46	9	93.82	9	236.92	9	405.02	9	588.99	9	783.52	9	985.47	9	1,192.59	9	1,403.23
10	3.80	10	96.35	10	240.22	10	408.71	10	592.95	10	787.66	10	989.74	10	1,196.95	10	1,407.65
11	4.15	11	98.88	11	243.52	11	412.41	11	596.91	11	791.80	11	994.01	11	1,201.30	11	1,412.06
12	4.50	12	101.41	12	246.82	12	416.11	12	600.87	12	795.94	12	998.28	12	1,205.66	12	1,416.48
13	4.84	13	103.94	13	250.16	13	419.83	13	604.85	13	800.10	13	1,002.56	13	1,210.03	13	1,420.90
14	5.19	14	106.47	14	253.50	14	423.55	14	608.83	14	804.25	14	1,006.84	14	1,214.39	14	1,425.32
15	5.53	15	109.00	15	256.84	15	427.28	15	612.81	15	808.41	15	1,011.12	15	1,218.75	15	1,429.74
16	5.88	16	111.53	16	260.18	16	431.00	16	616.79	16	812.56	16	1,015.40	16	1,223.12	16	1,434.16
17	6.22	17	114.06	17	263.56	17	434.75	17	620.78	17	816.73	17	1,019.68	17	1,227.49	17	1,438.59
18	6.57	18	116.59	18	266.93	18	438.50	18	624.78	18	820.89	18	1,023.97	18	1,231.86	18	1,443.01
19	6.91	19	119.12	19	270.31	19	442.25	19	628.77	19	825.06	19	1,028.26	19	1,236.22	19	1,447.44
20	7.26	20	121.65	20	273.69	20	446.00	20	632.77	20	829.23	20	1,032.55	20	1,240.59	20	1,451.86
21	7.60	21	124.18	21	277.10	21	449.77	21	636.78	21	833.41	21	1,036.84	21	1,244.97	21	1,456.29
22	7.95	22	126.71	22	280.52	22	453.54	22	640.79	22	837.58	22	1,041.14	22	1,249.34	22	1,460.72
23	8.29	23	129.24	23	283.93	23	457.32	23	644.81	23	841.76	23	1,045.43	23	1,253.72	23	1,465.14
24	8.64	24	131.77	24	287.34	24	461.09	24	648.82	24	845.94	24	1,049.73	24	1,258.09	24	1,469.57
25	8.98	25	134.30	25	290.79	25	464.89	25	652.85	25	850.13	25	1,054.03	25	1,262.47	25	1,474.00
26	9.33	26	136.83	26	294.24	26	468.68	26	656.88	26	854.32	26	1,058.33	26	1,266.85	26	1,478.43
27	9.67	27	139.36	27	297.69	27	472.48	27	660.90	27	858.51	27	1,062.64	27	1,271.24	27	1,482.87
28	10.02	28	141.89	28	301.14	28	476.28	28	664.93	28	862.70	28	1,066.94	28	1,275.62	28	1,487.30
29	10.36	29	144.42	29	304.62	29	480.10	29	668.98	29	866.90	29	1,071.25	29	1,280.00	29	1,491.73
30	10.71	30	146.95	30	308.11	30	483.92	30	673.02	30	871.10	30	1,075.56	30	1,284.39	30	1,496.17
31	11.05	31	149.48	31	311.59	31	487.74	31	677.06	31	875.30	31	1,079.87	31	1,288.77	31	1,500.60
32	11.40	32	152.01	32	315.07	32	491.56	32	681.11	32	879.51	32	1,084.18	32	1,293.16	32	1,505.04
33	11.74	33	154.54	33	318.59	33	495.41	33	685.17	33	883.72	33	1,088.50	33	1,297.55	33	1,509.47
34	12.09	34	157.07	34	322.11	34	499.25	34	689.23	34	887.93	34	1,092.82	34	1,301.94	34	1,513.91
35	12.43	35	159.60	35	325.62	35	503.09	35	693.29	35	892.14	35	1,097.14	35	1,306.33	35	1,518.35
36	12.78	36	162.13	36	329.14	36	506.94	36	697.34	36	896.35	36	1,101.46	36	1,310.72	36	1,522.79
37	13.12	37	164.66	37	332.69	37	510.80	37	701.42	37	900.58	37	1,105.78	37	1,315.12	37	1,527.23
38	13.47	38	167.19	38	336.24	38	514.67	38	705.49	38	904.80	38	1,110.11	38	1,319.51	38	1,531.67
39	13.81	39	169.72	39	339.78	39	518.53	39	709.57	39	909.02	39	1,114.43	39	1,323.91	39	1,536.11
40	14.16	40	172.25	40	343.33	40	522.40	40	713.64	40	913.24	40	1,118.76	40	1,328.30	40	1,540.55
41	14.50	41	174.78	41	346.91	41	526.28	41	717.73	41	917.48	41	1,123.09	41	1,332.70	41	1,544.99
42	14.85	42	177.31	42	350.49	42	530.17	42	721.82	42	921.71	42	1,127.42	42	1,337.10	42	1,549.43
43	15.19	43	179.84	43	354.07	43	534.05	43	725.90	43	925.94	43	1,131.76	43	1,341.50	43	1,553.88
44	15.54	44	182.37	44	357.65	44	537.94	44	729.99	44	930.18	44	1,136.09	44	1,345.90	44	1,558.32
45	15.88	45	184.90	45	361.26	45	541.84	45	734.09	45	934.42	45	1,140.43	45	1,350.31	45	1,562.77
46	16.23	46	187.43	46	364.87	46	545.75	46	738.20	46	938.66	46	1,144.77	46	1,354.71	46	1,567.21
47	16.57	47	190.00	47	368.48	47	549.65	47	742.30	47	942.90	47	1,149.10	47	1,359.12	47	1,571.66

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

E. W. SAYBOLT & CO., INC.

BY *John A. Rosen*

FORM 64

BARRELS 1 OF 24 BARRELS

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

NOTE: GAUGE POINT LOCATED 3'-0" OFF CENTERLINE AND 2'-0" FORWARD OF AFT BULKHEAD.

NOTE: THIS BARGE WAS STRAPPED IN JANUARY 1984, FORMERLY BARGE "HTCO-2028" TANK NO. 10 STARBOARD.



East Coast Headquarters
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P.O. Box 4354
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General Headquarters
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Kenilworth, N.J. 07033

West Coast Headquarters
P.O. Box 1146
Wilmington, Calif. 90748

BARGE "HTCO 2516"

1 PORT

GAGE HEIGHT 13'-6 7/8"

9		10		11		12		13		14		15		16		17	
IN	FT	IN	FT	IN	FT	IN	FT	IN	FT	IN	FT	IN	FT	IN	FT	IN	FT
0	1,576.11	0	1,789.88	0	1,988.54	0		0		0		0		0		0	
1/4	1,580.56	1/4	1,794.32	1/4	1,991.80	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,585.00	1/2	1,798.77	1/2	1,995.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,589.45	3/4	1,803.22	3/4	1,998.31	3/4		3/4		3/4		3/4		3/4		3/4	
1	1,593.90	1	1,807.67	1	2,001.56	1		1		1		1		1		1	
1/8	1,598.35	1/8	1,812.11	1/8		1/8		1/8		1/8		1/8		1/8		1/8	
1/4	1,602.80	1/4	1,816.56	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
3/8	1,607.25	3/8	1,821.01	3/8		3/8		3/8		3/8		3/8		3/8		3/8	
1/2	1,611.71	1/2	1,825.45	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,616.16	3/4	1,829.89	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	1,620.62	1	1,834.32	1		1		1		1		1		1		1	
1/8	1,625.07	1/8	1,838.76	1/8		1/8		1/8		1/8		1/8		1/8		1/8	
1/4	1,629.53	1/4	1,843.19	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
3/8	1,633.98	3/8	1,847.60	3/8		3/8		3/8		3/8		3/8		3/8		3/8	
1/2	1,638.44	1/2	1,852.00	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,642.90	3/4	1,856.41	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	1,647.35	1	1,860.82	1		1		1		1		1		1		1	
1/8	1,651.81	1/8	1,865.18	1/8		1/8		1/8		1/8		1/8		1/8		1/8	
1/4	1,656.27	1/4	1,869.54	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
3/8	1,660.73	3/8	1,873.90	3/8		3/8		3/8		3/8		3/8		3/8		3/8	
1/2	1,665.19	1/2	1,878.26	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,669.65	3/4	1,882.55	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	1,674.10	1	1,886.95	1		1		1		1		1		1		1	
1/8	1,678.56	1/8	1,891.14	1/8		1/8		1/8		1/8		1/8		1/8		1/8	
1/4	1,683.02	1/4	1,895.44	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
3/8	1,687.47	3/8	1,899.65	3/8		3/8		3/8		3/8		3/8		3/8		3/8	
1/2	1,691.93	1/2	1,903.86	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,696.39	3/4	1,908.07	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	1,700.85	1	1,912.29	1		1		1		1		1		1		1	
1/8	1,705.31	1/8	1,916.39	1/8		1/8		1/8		1/8		1/8		1/8		1/8	
1/4	1,709.77	1/4	1,920.50	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
3/8	1,714.23	3/8	1,924.61	3/8		3/8		3/8		3/8		3/8		3/8		3/8	
1/2	1,718.69	1/2	1,928.71	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,723.15	3/4	1,932.70	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	1,727.61	1	1,936.88	1		1		1		1		1		1		1	
1/8	1,732.08	1/8	1,940.66	1/8		1/8		1/8		1/8		1/8		1/8		1/8	
1/4	1,736.54	1/4	1,944.64	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
3/8	1,740.98	3/8	1,948.48	3/8		3/8		3/8		3/8		3/8		3/8		3/8	
1/2	1,745.43	1/2	1,952.31	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,749.87	3/4	1,956.15	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	1,754.31	1	1,959.98	1		1		1		1		1		1		1	
1/8	1,758.76	1/8	1,963.65	1/8		1/8		1/8		1/8		1/8		1/8		1/8	
1/4	1,763.20	1/4	1,967.32	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
3/8	1,767.65	3/8	1,970.98	3/8		3/8		3/8		3/8		3/8		3/8		3/8	
1/2	1,772.09	1/2	1,974.65	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,776.54	3/4	1,978.12	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	1,780.98	1	1,981.60	1		1		1		1		1		1		1	
1/8	1,785.43	1/8	1,985.07	1/8		1/8		1/8		1/8		1/8		1/8		1/8	

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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E. W. SAYBOLT & CO., INC.

E. W. Saybolt



E. W. SAYBOLT & CO., INC.

General Headquarters
Kearlsville, N.J. 07033
P.O. Box 1146
Kearlsville, N.J. 07033
Tel. 760-2
Telex 760-2

West Coast Headquarters
Wilmetton, Calif. 90748
P.O. Box 1146
Wilmetton, Calif. 90748
Tel. 760-2
Telex 760-2

NOTE: TANK STRAPPED AND COMPUTED IN ACCORDANCE WITH API STANDARD 2553, "LINEAR MEASUREMENT".
NOTE: TANK CAN ONLY BE DECLARED EMPTY BY VISUAL INSPECTION.
NOTE: GAUGE POINT: TO TOP LIP OF 8" HATCH ON EXPANSION DOME.

1 STBD.

BARGE "HTCO 2516"

GAGE HEIGHT 13'-6 7/8"

0		1		2		3		4		5		6		7		8	
IN	FT	IN	FT	IN	FT	IN	FT	IN	FT	IN	FT	IN	FT	IN	FT	IN	FT
0	0.36	0	71.53	0	207.92	0	372.42	0	553.99	0	746.92	0	947.76	0	1,154.14	0	1,364.31
1	0.71	1	73.97	1	211.14	1	376.07	1	557.91	1	751.04	1	952.01	1	1,158.49	1	1,368.72
2	1.06	2	76.42	2	214.35	2	379.71	2	561.84	2	755.16	2	956.27	2	1,162.84	2	1,373.13
3	1.40	3	78.86	3	217.57	3	383.35	3	565.77	3	759.27	3	960.52	3	1,167.19	3	1,377.55
4	1.75	4	81.31	4	220.78	4	386.99	4	569.69	4	763.39	4	964.77	4	1,171.53	4	1,381.96
5	2.10	5	83.84	5	224.04	5	390.67	5	573.64	5	767.52	5	969.04	5	1,175.89	5	1,386.37
6	2.45	6	86.37	6	227.30	6	394.34	6	577.58	6	771.65	6	973.30	6	1,180.24	6	1,390.79
7	2.80	7	88.89	7	230.56	7	398.01	7	581.53	7	775.78	7	977.56	7	1,184.59	7	1,395.20
8	3.15	8	91.42	8	233.82	8	401.68	8	585.47	8	779.91	8	981.83	8	1,188.95	8	1,399.62
9	3.50	9	93.95	9	237.08	9	405.38	9	589.44	9	784.06	9	986.10	9	1,193.31	9	1,404.04
10	3.85	10	96.48	10	240.42	10	409.07	10	593.40	10	788.20	10	990.37	10	1,197.67	10	1,408.45
11	4.20	11	99.01	11	243.73	11	412.77	11	597.36	11	792.34	11	994.64	11	1,202.03	11	1,412.87
12	4.55	12	101.55	12	247.03	12	416.47	12	601.33	12	796.49	12	998.91	12	1,206.39	12	1,417.29
13	4.90	13	104.08	13	250.37	13	420.20	13	605.31	13	800.64	13	1,003.20	13	1,210.75	13	1,421.72
14	5.25	14	106.61	14	253.71	14	423.92	14	609.29	14	804.80	14	1,007.48	14	1,215.12	14	1,426.14
15	5.60	15	109.14	15	257.06	15	427.65	15	613.27	15	808.96	15	1,011.76	15	1,219.48	15	1,430.56
16	5.95	16	111.67	16	260.40	16	431.37	16	617.25	16	813.11	16	1,016.04	16	1,223.85	16	1,434.98
17	6.30	17	114.20	17	263.78	17	435.12	17	621.25	17	817.28	17	1,020.33	17	1,228.22	17	1,439.41
18	6.65	18	116.73	18	267.16	18	438.87	18	625.24	18	821.45	18	1,024.62	18	1,232.59	18	1,443.84
19	7.00	19	119.26	19	270.54	19	442.62	19	629.24	19	825.62	19	1,028.91	19	1,236.96	19	1,448.26
20	7.35	20	121.79	20	273.92	20	446.37	20	633.24	20	829.79	20	1,033.19	20	1,241.33	20	1,452.69
21	7.70	21	124.32	21	277.34	21	450.15	21	637.25	21	833.97	21	1,037.49	21	1,245.71	21	1,457.12
22	8.05	22	126.85	22	280.76	22	453.93	22	641.27	22	838.15	22	1,041.79	22	1,250.09	22	1,461.55
23	8.40	23	129.38	23	284.18	23	457.70	23	645.28	23	842.33	23	1,046.09	23	1,254.46	23	1,465.98
24	8.75	24	131.91	24	287.59	24	461.48	24	649.30	24	846.51	24	1,050.38	24	1,258.84	24	1,470.41
25	9.10	25	134.44	25	291.05	25	465.28	25	653.33	25	850.70	25	1,054.69	25	1,263.22	25	1,474.84
26	9.45	26	136.97	26	294.50	26	469.08	26	657.36	26	854.89	26	1,058.99	26	1,267.60	26	1,479.27
27	9.80	27	139.50	27	297.95	27	472.88	27	661.39	27	859.08	27	1,063.30	27	1,271.99	27	1,483.71
28	10.15	28	142.03	28	301.40	28	476.67	28	665.42	28	863.27	28	1,067.60	28	1,276.37	28	1,488.14
29	10.50	29	144.56	29	304.89	29	480.50	29	669.46	29	867.48	29	1,071.92	29	1,280.76	29	1,492.58
30	10.85	30	147.09	30	308.38	30	484.32	30	673.51	30	871.68	30	1,076.23	30	1,285.14	30	1,497.01
31	11.20	31	149.62	31	311.86	31	488.14	31	677.55	31	875.88	31	1,080.54	31	1,289.53	31	1,501.45
32	11.55	32	152.15	32	315.35	32	491.97	32	681.60	32	880.09	32	1,084.86	32	1,293.92	32	1,505.89
33	11.90	33	154.68	33	318.87	33	495.81	33	685.66	33	884.30	33	1,089.18	33	1,298.31	33	1,510.33
34	12.25	34	157.21	34	322.39	34	499.66	34	689.72	34	888.51	34	1,093.50	34	1,302.70	34	1,514.76
35	12.60	35	159.74	35	325.91	35	503.50	35	693.78	35	892.73	35	1,097.82	35	1,307.10	35	1,519.20
36	12.95	36	162.27	36	329.43	36	507.35	36	697.84	36	896.94	36	1,102.14	36	1,311.49	36	1,523.64
37	13.30	37	164.80	37	332.98	37	511.21	37	701.92	37	901.17	37	1,106.46	37	1,315.89	37	1,528.09
38	13.65	38	167.33	38	336.54	38	515.08	38	705.99	38	905.39	38	1,110.79	38	1,320.28	38	1,532.53
39	14.00	39	169.86	39	340.09	39	518.94	39	710.07	39	909.62	39	1,115.12	39	1,324.68	39	1,536.97
40	14.35	40	172.39	40	343.64	40	522.81	40	714.15	40	913.84	40	1,119.44	40	1,329.08	40	1,541.41
41	14.70	41	174.92	41	347.22	41	526.70	41	718.24	41	918.08	41	1,123.78	41	1,333.48	41	1,545.86
42	15.05	42	177.45	42	350.80	42	530.59	42	722.33	42	922.33	42	1,128.11	42	1,337.88	42	1,550.30
43	15.40	43	180.00	43	354.39	43	534.47	43	726.42	43	926.54	43	1,132.45	43	1,342.28	43	1,554.75
44	15.75	44	182.53	44	357.97	44	538.36	44	730.51	44	930.78	44	1,136.78	44	1,346.69	44	1,559.19
45	16.10	45	185.06	45	361.58	45	542.27	45	734.61	45	935.02	45	1,141.12	45	1,351.09	45	1,563.64
46	16.45	46	187.59	46	365.20	46	546.17	46	738.71	46	939.27	46	1,145.46	46	1,355.50	46	1,568.09
47	16.80	47	190.12	47	368.81	47	550.08	47	742.82	47	943.51	47	1,149.80	47	1,359.91	47	1,572.54

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

NOTE: GAUGE POINT LOCATED 3'-0" OFF CENTERLINE AND 2'-0" FORWARD OF AFT BULKHEAD.
NOTE: THIS BARGE WAS STRAPPED IN JANUARY 1984, FORMERLY BARGE "HTCO-2028" TANK NO. 10 STARGBOARD.

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

E. W. SAYBOLT & CO., INC.

BY *Delia A. Rose*



Oil Coast Headquarters
P.O. Box 4364
Pasadena, Texas 77502

General Headquarters
400 Swenson Drive
Knoxville, N.J. 07622

West Coast Headquarters
P.O. Box 1146
Wilmington, Calif. 90746

BARGE "HTCO 2516"

1 STBD.

GAGE HEIGHT 13'-5 7/8"

9		10		11		12		13		14		15		16		17	
IN	FT	IN	FT	IN	FT	IN	FT	IN	FT	IN	FT	IN	FT	IN	FT	IN	FT
0	1.576.99	0	1.790.85	0	1.991.94	0		0		0		0		0		0	
1/4	1.581.44	1/4	1.795.29	1/4	1.995.32	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1.585.89	1/2	1.799.74	1/2	1.999.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1.590.34	3/4	1.804.19	3/4	2.002.09	3/4		3/4		3/4		3/4		3/4		3/4	
1	1.594.79	1	1.808.64	1	2.005.47	1		1		1		1		1		1	
1/4	1.599.24	1/4	1.813.09	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1.603.70	1/2	1.817.55	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1.608.15	3/4	1.822.00	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	1.612.60	2	1.826.45	2		2		2		2		2		2		2	
1/4	1.617.06	1/4	1.830.89	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1.621.52	1/2	1.835.34	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1.625.97	3/4	1.839.78	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	1.630.43	3	1.844.23	3		3		3		3		3		3		3	
1/4	1.634.89	1/4	1.848.66	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1.639.35	1/2	1.853.09	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1.643.81	3/4	1.857.51	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	1.648.26	4	1.861.94	4		4		4		4		4		4		4	
1/4	1.652.73	1/4	1.866.33	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1.657.19	1/2	1.870.72	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1.661.65	3/4	1.875.11	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	1.666.11	5	1.879.51	5		5		5		5		5		5		5	
1/4	1.670.57	1/4	1.883.84	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1.675.03	1/2	1.888.18	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1.679.48	3/4	1.892.52	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	1.683.94	6	1.896.85	6		6		6		6		6		6		6	
1/4	1.688.40	1/4	1.901.12	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1.692.86	1/2	1.905.38	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1.697.32	3/4	1.909.65	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	1.701.78	7	1.913.91	7		7		7		7		7		7		7	
1/4	1.706.24	1/4	1.918.08	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1.710.71	1/2	1.922.25	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1.715.17	3/4	1.926.42	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	1.719.63	8	1.930.59	8		8		8		8		8		8		8	
1/4	1.724.09	1/4	1.934.65	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1.728.56	1/2	1.938.71	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1.733.02	3/4	1.942.77	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	1.737.49	9	1.946.82	9		9		9		9		9		9		9	
1/4	1.741.93	1/4	1.950.75	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1.746.38	1/2	1.954.67	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1.750.82	3/4	1.958.59	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	1.755.27	10	1.962.52	10		10		10		10		10		10		10	
1/4	1.759.71	1/4	1.966.28	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1.764.16	1/2	1.970.05	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1.768.61	3/4	1.973.82	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	1.773.05	11	1.977.59	11		11		11		11		11		11		11	
1/4	1.777.50	1/4	1.981.17	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1.781.95	1/2	1.984.76	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1.786.40	3/4	1.988.35	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

E. W. SAYBOLT & CO., INC.

W. Dale A. Ryan



Gulf Coast Headquarters
P.O. Box 4364
Pasadena, Texas 77502

General Headquarters
400 Swenson Drive
Kensington, N.J. 07033

West Coast Headquarters
P.O. Box 1146
Wilmington, Calif. 90748

2 PORT

BARGE "HTCO 2516"

GAGE HEIGHT 13' - 7 1/8"

9		10		11		12		13		14		15		16		17	
IN	FT	IN	FT	IN	PT	IN	FT	IN	FT	IN	FT	IN	FT	IN	FT	IN	FT
0	1,894.61	0	2,109.29	0	2,261.93	0		0		0		0		0		0	
1/4	1,899.09	1/4	2,113.75	1/4	2,262.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,903.57	1/2	2,118.20	1/2	2,263.89	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,908.05	3/4	2,122.65	3/4	2,264.47	3/4		3/4		3/4		3/4		3/4		3/4	
1	1,912.53	1	2,127.10	1	2,264.76	1		1		1		1		1		1	
1 1/4	1,917.01	1 1/4	2,131.55	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	1,921.49	1 1/2	2,136.00	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
1 3/4	1,925.97	1 3/4	2,140.45	1 3/4		1 3/4		1 3/4		1 3/4		1 3/4		1 3/4		1 3/4	
2	1,930.45	2	2,144.90	2		2		2		2		2		2		2	
2 1/4	1,934.93	2 1/4	2,149.36	2 1/4		2 1/4		2 1/4		2 1/4		2 1/4		2 1/4		2 1/4	
2 1/2	1,939.41	2 1/2	2,153.81	2 1/2		2 1/2		2 1/2		2 1/2		2 1/2		2 1/2		2 1/2	
2 3/4	1,943.89	2 3/4	2,158.24	2 3/4		2 3/4		2 3/4		2 3/4		2 3/4		2 3/4		2 3/4	
3	1,948.37	3	2,162.67	3		3		3		3		3		3		3	
3 1/4	1,952.85	3 1/4	2,167.11	3 1/4		3 1/4		3 1/4		3 1/4		3 1/4		3 1/4		3 1/4	
3 1/2	1,957.32	3 1/2	2,171.54	3 1/2		3 1/2		3 1/2		3 1/2		3 1/2		3 1/2		3 1/2	
3 3/4	1,961.79	3 3/4	2,175.97	3 3/4		3 3/4		3 3/4		3 3/4		3 3/4		3 3/4		3 3/4	
4	1,966.26	4	2,179.86	4		4		4		4		4		4		4	
4 1/4	1,970.73	4 1/4	2,184.01	4 1/4		4 1/4		4 1/4		4 1/4		4 1/4		4 1/4		4 1/4	
4 1/2	1,975.20	4 1/2	2,188.17	4 1/2		4 1/2		4 1/2		4 1/2		4 1/2		4 1/2		4 1/2	
4 3/4	1,979.67	4 3/4	2,191.93	4 3/4		4 3/4		4 3/4		4 3/4		4 3/4		4 3/4		4 3/4	
5	1,984.15	5	2,195.69	5		5		5		5		5		5		5	
5 1/4	1,988.62	5 1/4	2,199.45	5 1/4		5 1/4		5 1/4		5 1/4		5 1/4		5 1/4		5 1/4	
5 1/2	1,993.09	5 1/2	2,203.21	5 1/2		5 1/2		5 1/2		5 1/2		5 1/2		5 1/2		5 1/2	
5 3/4	1,997.56	5 3/4	2,206.57	5 3/4		5 3/4		5 3/4		5 3/4		5 3/4		5 3/4		5 3/4	
6	2,002.03	6	2,209.93	6		6		6		6		6		6		6	
6 1/4	2,006.50	6 1/4	2,213.29	6 1/4		6 1/4		6 1/4		6 1/4		6 1/4		6 1/4		6 1/4	
6 1/2	2,010.98	6 1/2	2,216.65	6 1/2		6 1/2		6 1/2		6 1/2		6 1/2		6 1/2		6 1/2	
6 3/4	2,015.45	6 3/4	2,219.61	6 3/4		6 3/4		6 3/4		6 3/4		6 3/4		6 3/4		6 3/4	
7	2,019.92	7	2,222.57	7		7		7		7		7		7		7	
7 1/4	2,024.39	7 1/4	2,225.53	7 1/4		7 1/4		7 1/4		7 1/4		7 1/4		7 1/4		7 1/4	
7 1/2	2,028.86	7 1/2	2,228.49	7 1/2		7 1/2		7 1/2		7 1/2		7 1/2		7 1/2		7 1/2	
7 3/4	2,033.33	7 3/4	2,231.06	7 3/4		7 3/4		7 3/4		7 3/4		7 3/4		7 3/4		7 3/4	
8	2,037.80	8	2,233.62	8		8		8		8		8		8		8	
8 1/4	2,042.28	8 1/4	2,236.18	8 1/4		8 1/4		8 1/4		8 1/4		8 1/4		8 1/4		8 1/4	
8 1/2	2,046.75	8 1/2	2,238.75	8 1/2		8 1/2		8 1/2		8 1/2		8 1/2		8 1/2		8 1/2	
8 3/4	2,051.22	8 3/4	2,240.91	8 3/4		8 3/4		8 3/4		8 3/4		8 3/4		8 3/4		8 3/4	
9	2,055.69	9	2,243.08	9		9		9		9		9		9		9	
9 1/4	2,060.16	9 1/4	2,245.24	9 1/4		9 1/4		9 1/4		9 1/4		9 1/4		9 1/4		9 1/4	
9 1/2	2,064.63	9 1/2	2,247.41	9 1/2		9 1/2		9 1/2		9 1/2		9 1/2		9 1/2		9 1/2	
9 3/4	2,069.10	9 3/4	2,249.17	9 3/4		9 3/4		9 3/4		9 3/4		9 3/4		9 3/4		9 3/4	
10	2,073.58	10	2,250.94	10		10		10		10		10		10		10	
10 1/4	2,078.05	10 1/4	2,252.71	10 1/4		10 1/4		10 1/4		10 1/4		10 1/4		10 1/4		10 1/4	
10 1/2	2,082.52	10 1/2	2,254.47	10 1/2		10 1/2		10 1/2		10 1/2		10 1/2		10 1/2		10 1/2	
10 3/4	2,086.99	10 3/4	2,255.85	10 3/4		10 3/4		10 3/4		10 3/4		10 3/4		10 3/4		10 3/4	
11	2,091.46	11	2,257.23	11		11		11		11		11		11		11	
11 1/4	2,095.93	11 1/4	2,258.60	11 1/4		11 1/4		11 1/4		11 1/4		11 1/4		11 1/4		11 1/4	
11 1/2	2,100.39	11 1/2	2,259.98	11 1/2		11 1/2		11 1/2		11 1/2		11 1/2		11 1/2		11 1/2	
11 3/4	2,104.84	11 3/4	2,260.96	11 3/4		11 3/4		11 3/4		11 3/4		11 3/4		11 3/4		11 3/4	

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CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

E. W. SAYBOLT & CO., INC.
BY *Dale A. Rosen*



2 STBD.

BARGE "HTCO 2516"

Gulf Coast Headquarters
P.O. Box 4364
Pasadena, Texas 77502

General Headquarters
400 Swenson Drive
Wilmington, N.C. 28403

West Coast Headquarters
P.O. Box 1146
Wilmington, Calif. 90744

NOTE: TANK STRAPPED AND COMPUTED IN ACCORDANCE WITH API STANDARD 2553, "LINEAR MEASUREMENT".

NOTE: TABLES APPLY ONLY WHEN BARGE IS ON EVEN KEEL.

NOTE: GAUGE POINT: TO TOP LIP OF 8" HATCH ON EXPANSION DOME.

NOTE: TANK CAN ONLY BE DECLARED EMPTY BY VISUAL INSPECTION.

GAGE HEIGHT

0			1			2			3			4			5			6			7			8		
IN	FT	IN	FT	IN	FT	IN	FT	IN	FT	IN	FT	IN	FT	IN	FT	IN	FT	IN	FT	IN	FT	IN	FT	IN	FT	
0	0.84	0	176.22	0	390.11	0	604.73	0	819.67	0	1,034.61	0	1,249.56	0	1,464.50	0	1,679.46	0	1,894.42	0	2,109.38	0	2,324.34	0	2,539.30	
1	1.25	1	180.66	1	394.58	1	609.20	1	824.15	1	1,039.09	1	1,254.04	1	1,468.98	1	1,683.94	1	1,898.90	1	2,113.86	1	2,328.82	1	2,543.78	
2	1.67	2	185.09	2	399.04	2	613.68	2	828.63	2	1,043.57	2	1,258.51	2	1,473.46	2	1,688.41	2	1,903.37	2	2,118.33	2	2,333.29	2	2,548.25	
3	3.01	3	189.53	3	403.51	3	618.16	3	833.10	3	1,048.05	3	1,262.99	3	1,477.94	3	1,692.89	3	1,907.85	3	2,122.81	3	2,337.77	3	2,552.73	
4	4.36	4	193.96	4	407.98	4	622.64	4	837.58	4	1,052.53	4	1,267.47	4	1,482.41	4	1,697.37	4	1,912.33	4	2,127.29	4	2,342.25	4	2,557.21	
5	5.70	5	198.40	5	412.44	5	631.59	5	842.06	5	1,057.00	5	1,271.95	5	1,486.89	5	1,701.85	5	1,916.81	5	2,131.77	5	2,346.73	5	2,561.69	
6	7.04	6	202.84	6	416.92	6	640.55	6	851.02	6	1,061.48	6	1,276.43	6	1,491.37	6	1,706.33	6	1,921.29	6	2,136.25	6	2,351.21	6	2,566.17	
7	8.38	7	207.27	7	421.38	7	649.51	7	855.49	7	1,065.96	7	1,280.90	7	1,495.85	7	1,710.81	7	1,925.77	7	2,140.73	7	2,355.69	7	2,571.15	
8	9.72	8	211.71	8	425.84	8	658.46	8	859.97	8	1,070.42	8	1,285.38	8	1,499.86	8	1,715.29	8	1,930.25	8	2,145.21	8	2,360.17	8	2,575.63	
9	11.06	9	216.15	9	430.31	9	667.42	9	864.45	9	1,074.92	9	1,289.86	9	1,504.80	9	1,719.77	9	1,934.73	9	2,149.69	9	2,364.65	9	2,580.59	
10	12.40	10	220.58	10	434.78	10	676.37	10	868.93	10	1,079.39	10	1,294.34	10	1,509.28	10	1,724.25	10	1,939.69	10	2,154.65	10	2,369.61	10	2,585.55	
11	13.74	11	225.02	11	439.24	11	685.33	11	873.41	11	1,083.87	11	1,298.82	11	1,513.76	11	1,728.73	11	1,944.14	11	2,159.61	11	2,374.57	11	2,590.51	
12	15.08	12	229.46	12	443.71	12	694.29	12	877.88	12	1,088.35	12	1,303.29	12	1,518.24	12	1,733.21	12	1,948.61	12	2,164.57	12	2,379.53	12	2,595.47	
13	16.42	13	233.89	13	448.17	13	703.24	13	882.36	13	1,092.83	13	1,307.77	13	1,522.72	13	1,738.18	13	1,953.54	13	2,169.53	13	2,384.49	13	2,600.43	
14	17.76	14	238.33	14	452.64	14	712.20	14	886.84	14	1,097.31	14	1,312.25	14	1,527.22	14	1,742.64	14	1,958.41	14	2,174.49	14	2,389.45	14	2,605.39	
15	19.10	15	242.77	15	457.10	15	721.15	15	891.32	15	1,101.78	15	1,316.73	15	1,531.67	15	1,747.64	15	1,963.33	15	2,179.45	15	2,394.41	15	2,610.35	
16	20.44	16	247.23	16	461.57	16	730.11	16	895.80	16	1,106.26	16	1,321.21	16	1,536.15	16	1,752.56	16	1,968.20	16	2,184.41	16	2,404.37	16	2,615.31	
17	21.78	17	251.69	17	466.03	17	739.06	17	900.27	17	1,110.74	17	1,325.68	17	1,540.63	17	1,757.47	17	1,973.16	17	2,189.37	17	2,409.33	17	2,620.27	
18	23.12	18	256.15	18	470.50	18	748.02	18	904.75	18	1,115.22	18	1,330.16	18	1,545.11	18	1,762.48	18	1,978.12	18	2,194.33	18	2,414.29	18	2,625.23	
19	24.46	19	260.61	19	474.96	19	756.98	19	909.23	19	1,119.70	19	1,334.64	19	1,549.58	19	1,767.40	19	1,983.08	19	2,199.29	19	2,419.25	19	2,630.19	
20	25.80	20	265.07	20	479.43	20	765.94	20	913.71	20	1,124.17	20	1,339.12	20	1,554.06	20	1,772.32	20	1,988.04	20	2,204.25	20	2,424.21	20	2,635.15	
21	27.14	21	269.53	21	483.89	21	774.90	21	918.19	21	1,128.65	21	1,343.60	21	1,558.54	21	1,777.28	21	1,993.00	21	2,209.21	21	2,429.17	21	2,640.11	
22	28.48	22	273.99	22	488.36	22	783.86	22	922.66	22	1,133.13	22	1,348.07	22	1,563.02	22	1,782.24	22	1,997.96	22	2,214.17	22	2,434.13	22	2,645.07	
23	29.82	23	278.45	23	492.82	23	792.82	23	927.14	23	1,137.61	23	1,352.55	23	1,567.50	23	1,787.20	23	2,002.92	23	2,219.13	23	2,439.09	23	2,650.03	
24	31.16	24	282.91	24	497.30	24	801.78	24	931.62	24	1,142.09	24	1,357.03	24	1,571.97	24	1,792.16	24	2,007.88	24	2,224.09	24	2,444.05	24	2,654.99	
25	32.50	25	287.37	25	501.77	25	810.74	25	936.10	25	1,146.56	25	1,361.51	25	1,576.45	25	1,797.12	25	2,012.84	25	2,229.05	25	2,449.01	25	2,659.95	
26	33.84	26	291.84	26	506.25	26	819.70	26	940.58	26	1,151.04	26	1,365.99	26	1,580.93	26	1,802.08	26	2,017.80	26	2,234.01	26	2,453.97	26	2,664.91	
27	35.18	27	296.31	27	510.72	27	828.66	27	945.05	27	1,155.52	27	1,370.46	27	1,585.41	27	1,807.04	27	2,022.76	27	2,238.97	27	2,458.93	27	2,669.87	
28	36.52	28	300.78	28	515.20	28	837.62	28	949.53	28	1,160.00	28	1,374.94	28	1,589.89	28	1,812.00	28	2,027.72	28	2,243.93	28	2,463.89	28	2,674.83	
29	37.86	29	305.24	29	519.68	29	846.58	29	954.01	29	1,164.48	29	1,379.42	29	1,594.36	29	1,816.96	29	2,032.68	29	2,248.89	29	2,468.85	29	2,679.79	
30	39.20	30	309.71	30	524.15	30	855.54	30	958.49	30	1,168.95	30	1,383.90	30	1,598.84	30	1,821.92	30	2,037.64	30	2,253.85	30	2,473.81	30	2,684.75	
31	40.54	31	314.18	31	528.63	31	864.50	31	962.97	31	1,173.43	31	1,388.38	31	1,603.32	31	1,826.88	31	2,042.60	31	2,258.81	31	2,478.77	31	2,689.71	
32	41.88	32	318.64	32	533.10	32	873.46	32	967.44	32	1,177.91	32	1,392.85	32	1,607.80	32	1,831.84	32	2,047.56	32	2,263.77	32	2,483.73	32	2,694.67	
33	43.22	33	323.11	33	537.58	33	882.42	33	971.92	33	1,182.39	33	1,397.33	33	1,612.28	33	1,836.80	33	2,052.52	33	2,268.73	33	2,488.69	33	2,699.63	
34	44.56	34	327.58	34	542.06	34	891.38	34	976.40	34	1,186.87	34	1,401.81	34	1,616.75	34	1,841.76	34	2,057.48	34	2,273.69	34	2,493.65	34	2,704.59	
35	45.90	35	332.05	35	546.53	35	900.34	35	980.88	35	1,191.34	35	1,406.29	35	1,621.23	35	1,846.72	35	2,062.44	35	2,278.65	35	2,498.61	35	2,709.55	
36	47.24	36	336.51	36	551.01	36	909.30	36	985.36	36	1,195.82	36	1,410.77	36	1,625.71	36	1,851.68	36	2,067.40	36	2,283.61	36	2,503.57	36	2,714.51	
37	48.58	37	340.98	37	555.48	37	918.26	37	989.83	37	1,200.30	37	1,415.24	37	1,630.19	37	1,856.64	37	2,072.36	37	2,288.57	37	2,508.53	37	2,719.47	
38	49.92	38	345.45	38	559.96	38	927.22	38	994.31	38	1,204.78	38	1,419.72	38	1,634.67	38	1,861.60	38	2,077.32	38	2,293.53	38	2,513.49	38	2,724.43	
39	51.26	39	349.92	39	564.44	39	936.18	39	998.79	39	1,209.26	39	1,424.20	39	1,639.14	39	1,866.56	39	2,082.28	39	2,298.49	39	2,518.45	39	2,729.39	
40	52.60	40	354.38	40	568.91	40	945.14	40	1,003.27	40	1,213.73	40	1,428.68	40	1,643.62	40	1,871.52	40	2,087.24	40	2,303.45	40	2,523.41	40	2,734.35	
41	53.94	41	358.85	41	573.39	41	954.10	41	1,007.75	41	1,218.21	41	1,433.16	41	1,648.10	41	1,876.48	41	2,092.20	41	2,308.41	41	2,528.37	41	2,739.31	
42	55.28	42	363.31	42	577.86	42	963.08	42	1,012.22	42	1,222.69	42	1,437.63	42	1,652.58	42										

Gulf Coast Headquarters
Pasadena, Texas 77502
General Headquarters
New York, N.Y. 10005
West Coast Headquarters
San Francisco, Calif. 94104
Kendallville, N.J. 07033
Wilmington, Calif. 90748

BARGE "HTCO 2516"

2 STBD.

GAGE HEIGHT 13'-7 5/8"

IN	9		10		11		12		13		14		15		16		17	
	FT	IN	FT	IN	FT	IN	FT	IN	FT	IN	FT	IN	FT	IN	FT	IN	FT	IN
0	1.894.45	0	2.109.11	0	2.261.71	0	2.413.31	0	2.564.91	0	2.716.51	0	2.868.11	0	3.019.71	0	3.171.31	0
1/4	1.898.93	1/4	2.113.56	1/4	2.266.16	1/4	2.417.76	1/4	2.568.36	1/4	2.719.96	1/4	2.871.56	1/4	3.023.16	1/4	3.174.76	1/4
1/2	1.903.41	1/2	2.118.02	1/2	2.270.62	1/2	2.422.22	1/2	2.572.82	1/2	2.724.42	1/2	2.876.02	1/2	3.027.62	1/2	3.179.22	1/2
3/4	1.907.89	3/4	2.122.47	3/4	2.275.07	3/4	2.426.67	3/4	2.577.27	3/4	2.728.87	3/4	2.880.47	3/4	3.032.07	3/4	3.184.67	3/4
1	1.912.37	1	2.126.92	1	2.279.52	1	2.431.12	1	2.581.72	1	2.733.32	1	2.884.92	1	3.036.52	1	3.189.12	1
1/4	1.916.85	1/4	2.131.37	1/4	2.283.97	1/4	2.435.57	1/4	2.586.17	1/4	2.737.77	1/4	2.889.37	1/4	3.040.97	1/4	3.193.57	1/4
1/2	1.921.33	1/2	2.135.82	1/2	2.288.42	1/2	2.440.02	1/2	2.590.62	1/2	2.742.22	1/2	2.893.82	1/2	3.045.42	1/2	3.198.02	1/2
3/4	1.925.81	3/4	2.140.27	3/4	2.292.87	3/4	2.444.47	3/4	2.595.07	3/4	2.746.67	3/4	2.898.27	3/4	3.049.87	3/4	3.202.47	3/4
1	1.930.29	1	2.144.72	1	2.297.32	1	2.448.92	1	2.599.52	1	2.751.12	1	2.902.72	1	3.054.32	1	3.206.92	1
1/4	1.934.77	1/4	2.149.17	1/4	2.301.77	1/4	2.453.37	1/4	2.603.97	1/4	2.755.57	1/4	2.907.17	1/4	3.058.77	1/4	3.211.37	1/4
1/2	1.939.24	1/2	2.153.62	1/2	2.306.22	1/2	2.457.82	1/2	2.608.42	1/2	2.760.02	1/2	2.911.62	1/2	3.063.22	1/2	3.215.82	1/2
3/4	1.943.72	3/4	2.158.05	3/4	2.310.65	3/4	2.462.25	3/4	2.612.85	3/4	2.764.45	3/4	2.916.05	3/4	3.067.65	3/4	3.220.25	3/4
1	1.948.20	1	2.162.49	1	2.315.09	1	2.466.69	1	2.617.29	1	2.768.89	1	2.920.49	1	3.072.09	1	3.224.69	1
1/4	1.952.68	1/4	2.166.92	1/4	2.319.52	1/4	2.471.12	1/4	2.621.72	1/4	2.773.32	1/4	2.924.89	1/4	3.076.52	1/4	3.229.12	1/4
1/2	1.957.15	1/2	2.171.35	1/2	2.323.95	1/2	2.475.55	1/2	2.626.15	1/2	2.777.75	1/2	2.929.32	1/2	3.080.95	1/2	3.233.55	1/2
3/4	1.961.62	3/4	2.175.78	3/4	2.328.38	3/4	2.480.00	3/4	2.630.58	3/4	2.782.18	3/4	2.933.75	3/4	3.085.38	3/4	3.237.98	3/4
1	1.966.09	1	2.180.21	1	2.332.81	1	2.484.43	1	2.635.01	1	2.786.61	1	2.938.18	1	3.089.81	1	3.242.41	1
1/4	1.970.57	1/4	2.184.64	1/4	2.337.24	1/4	2.488.86	1/4	2.639.44	1/4	2.791.04	1/4	2.942.61	1/4	3.094.24	1/4	3.246.84	1/4
1/2	1.975.04	1/2	2.189.07	1/2	2.341.67	1/2	2.493.29	1/2	2.643.87	1/2	2.795.47	1/2	2.947.04	1/2	3.098.67	1/2	3.251.27	1/2
3/4	1.979.51	3/4	2.193.50	3/4	2.346.10	3/4	2.497.72	3/4	2.648.30	3/4	2.799.90	3/4	2.951.47	3/4	3.103.10	3/4	3.255.70	3/4
1	1.983.98	1	2.197.93	1	2.350.53	1	2.502.15	1	2.652.73	1	2.804.33	1	2.955.85	1	3.107.53	1	3.260.13	1
1/4	1.988.45	1/4	2.202.36	1/4	2.354.96	1/4	2.506.58	1/4	2.657.16	1/4	2.808.76	1/4	2.960.28	1/4	3.111.96	1/4	3.264.56	1/4
1/2	1.992.92	1/2	2.206.79	1/2	2.359.39	1/2	2.511.01	1/2	2.661.59	1/2	2.813.19	1/2	2.964.71	1/2	3.116.39	1/2	3.269.00	1/2
3/4	1.997.39	3/4	2.211.22	3/4	2.363.82	3/4	2.515.44	3/4	2.666.02	3/4	2.817.62	3/4	2.969.14	3/4	3.120.82	3/4	3.273.43	3/4
1	2.001.86	1	2.215.65	1	2.368.25	1	2.519.87	1	2.670.45	1	2.822.05	1	2.973.57	1	3.125.25	1	3.277.87	1
1/4	2.006.33	1/4	2.220.08	1/4	2.372.68	1/4	2.524.30	1/4	2.674.88	1/4	2.826.48	1/4	2.977.99	1/4	3.129.68	1/4	3.282.30	1/4
1/2	2.010.80	1/2	2.224.51	1/2	2.377.11	1/2	2.528.73	1/2	2.679.31	1/2	2.830.91	1/2	2.982.41	1/2	3.134.11	1/2	3.286.73	1/2
3/4	2.015.28	3/4	2.228.94	3/4	2.381.54	3/4	2.533.16	3/4	2.683.74	3/4	2.835.34	3/4	2.986.84	3/4	3.138.54	3/4	3.291.16	3/4
1	2.019.75	1	2.233.37	1	2.385.97	1	2.537.59	1	2.688.17	1	2.839.77	1	2.991.27	1	3.142.97	1	3.295.59	1
1/4	2.024.22	1/4	2.237.80	1/4	2.390.40	1/4	2.542.02	1/4	2.692.60	1/4	2.844.20	1/4	2.995.70	1/4	3.147.40	1/4	3.300.02	1/4
1/2	2.028.69	1/2	2.242.23	1/2	2.394.83	1/2	2.546.45	1/2	2.697.03	1/2	2.848.63	1/2	3.000.13	1/2	3.151.83	1/2	3.304.45	1/2
3/4	2.033.16	3/4	2.246.66	3/4	2.400.26	3/4	2.550.88	3/4	2.701.46	3/4	2.853.06	3/4	3.004.56	3/4	3.156.26	3/4	3.308.88	3/4
1	2.037.63	1	2.251.09	1	2.404.69	1	2.555.31	1	2.705.89	1	2.857.49	1	3.008.99	1	3.160.69	1	3.313.31	1
1/4	2.042.10	1/4	2.255.52	1/4	2.409.12	1/4	2.559.74	1/4	2.710.32	1/4	2.861.92	1/4	3.013.42	1/4	3.165.12	1/4	3.317.74	1/4
1/2	2.046.57	1/2	2.260.00	1/2	2.413.55	1/2	2.564.17	1/2	2.714.75	1/2	2.866.35	1/2	3.017.85	1/2	3.169.55	1/2	3.322.17	1/2
3/4	2.051.04	3/4	2.264.43	3/4	2.417.98	3/4	2.568.60	3/4	2.719.18	3/4	2.870.78	3/4	3.022.28	3/4	3.173.98	3/4	3.326.60	3/4
1	2.055.51	1	2.268.86	1	2.422.41	1	2.573.03	1	2.723.61	1	2.875.21	1	3.026.71	1	3.178.41	1	3.331.03	1
1/4	2.059.99	1/4	2.273.29	1/4	2.426.84	1/4	2.577.46	1/4	2.728.04	1/4	2.879.64	1/4	3.031.14	1/4	3.182.84	1/4	3.335.46	1/4
1/2	2.064.46	1/2	2.277.72	1/2	2.431.27	1/2	2.581.89	1/2	2.732.47	1/2	2.884.07	1/2	3.035.57	1/2	3.187.27	1/2	3.339.89	1/2
3/4	2.068.93	3/4	2.282.15	3/4	2.435.70	3/4	2.586.32	3/4	2.736.90	3/4	2.888.50	3/4	3.040.00	3/4	3.191.70	3/4	3.344.32	3/4
1	2.073.40	1	2.286.58	1	2.440.13	1	2.590.75	1	2.741.33	1	2.893.93	1	3.044.43	1	3.196.13	1	3.348.75	1
1/4	2.077.87	1/4	2.291.01	1/4	2.444.56	1/4	2.595.18	1/4	2.745.76	1/4	2.898.36	1/4	3.048.86	1/4	3.200.56	1/4	3.353.18	1/4
1/2	2.082.34	1/2	2.295.44	1/2	2.448.99	1/2	2.599.61	1/2	2.750.19	1/2	2.902.79	1/2	3.053.29	1/2	3.205.00	1/2	3.357.61	1/2
3/4	2.086.81	3/4	2.299.87	3/4	2.453.42	3/4	2.604.04	3/4	2.754.62	3/4	2.907.22	3/4	3.057.72	3/4	3.209.43	3/4	3.362.04	3/4
1	2.091.28	1	2.304.30	1	2.457.85	1	2.608.47	1	2.759.05	1	2.911.65	1	3.062.15	1	3.213.86	1	3.366.47	1
1/4	2.095.75	1/4	2.308.73	1/4	2.462.28	1/4	2.612.90	1/4	2.763.48	1/4	2.916.08	1/4	3.066.58	1/4	3.218.29	1/4	3.370.90	1/4
1/2	2.100.21	1/2	2.313.16	1/2	2.466.71	1/2	2.617.33	1/2	2.767.91	1/2	2.920.51	1/2	3.071.01	1/2	3.222.72	1/2	3.375.33	1/2
3/4	2.104.66	3/4	2.317.59	3/4	2.471.14	3/4	2.621.76	3/4	2.772.34	3/4	2.924.94	3/4	3.075.44	3/4	3.227.15	3/4	3.379.76	3/4
1	2.109.11	1	2.322.02	1	2.475.57	1	2.626.19	1	2.776.77	1	2.929.37	1	3.080.87	1	3.231.58	1	3.384.19	1

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

E. W. SAYBOLT & CO., INC.

BY *Debra A. Rosen*