

Gallows



BARGE "IB 1307"

INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN
1 CENTER	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8
2 CENTER	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-3/8	- 01-3/8
3 CENTER	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/8	- 01-1/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 4'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 2 CENTER IS - 00-1/2"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11 1/2"

LENGTH BETWEEN DRAFT MARKS: 163'-03"

September 4, 2019

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "IB 1307"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	230	0	11,103	0	23,022	0	34,728	0	46,498	0	58,395	0	70,292	0	82,150	0	94,052	0	105,954
1/4	305	1/4	11,351	1/4	23,270	1/4	34,967	1/4	46,746	1/4	58,643	1/4	70,539	1/4	82,398	1/4	94,300	1/4	106,202
1/2	379	1/2	11,600	1/2	23,518	1/2	35,206	1/2	46,993	1/2	58,890	1/2	70,787	1/2	82,646	1/2	94,548	1/2	106,450
3/4	454	3/4	11,848	3/4	23,766	3/4	35,446	3/4	47,241	3/4	59,138	3/4	71,035	3/4	82,894	3/4	94,796	3/4	106,698
1	528	1	12,097	1	24,014	1	35,695	1	47,489	1	59,386	1	71,283	1	83,142	1	95,044	1	106,946
1/4	699	1/4	12,345	1/4	24,262	1/4	35,925	1/4	47,737	1/4	59,634	1/4	71,531	1/4	83,390	1/4	95,292	1/4	107,194
1/2	869	1/2	12,594	1/2	24,510	1/2	36,164	1/2	47,985	1/2	59,882	1/2	71,778	1/2	83,638	1/2	95,640	1/2	107,442
3/4	1,040	3/4	12,842	3/4	24,758	3/4	36,403	3/4	48,233	3/4	60,130	3/4	72,026	3/4	83,886	3/4	95,788	3/4	107,689
2	1,210	2	13,091	2	25,006	2	36,643	2	48,481	2	60,377	2	72,273	2	84,134	2	96,036	2	107,937
1/4	1,448	1/4	13,339	1/4	25,254	1/4	36,882	1/4	48,728	1/4	60,625	1/4	72,520	1/4	84,382	1/4	96,284	1/4	108,185
1/2	1,686	1/2	13,588	1/2	25,502	1/2	37,122	1/2	48,976	1/2	60,873	1/2	72,767	1/2	84,630	1/2	96,532	1/2	108,433
3/4	1,924	3/4	13,836	3/4	25,750	3/4	37,361	3/4	49,224	3/4	61,121	3/4	73,014	3/4	84,878	3/4	96,780	3/4	108,681
3	2,161	3	14,085	3	25,998	3	37,600	3	49,472	3	61,369	3	73,261	3	85,126	3	97,028	3	108,929
1/4	2,409	1/4	14,333	1/4	26,246	1/4	37,842	1/4	49,720	1/4	61,617	1/4	73,508	1/4	85,374	1/4	97,275	1/4	109,177
1/2	2,666	1/2	14,581	1/2	26,494	1/2	38,083	1/2	49,968	1/2	61,865	1/2	73,755	1/2	85,622	1/2	97,523	1/2	109,425
3/4	2,904	3/4	14,830	3/4	26,742	3/4	38,325	3/4	50,216	3/4	62,112	3/4	74,002	3/4	85,870	3/4	97,771	3/4	109,673
4	3,151	4	15,078	4	26,990	4	38,566	4	50,463	4	62,360	4	74,249	4	86,118	4	98,019	4	109,921
1/4	3,400	1/4	15,327	1/4	27,238	1/4	38,814	1/4	50,711	1/4	62,608	1/4	74,496	1/4	86,366	1/4	98,267	1/4	110,169
1/2	3,648	1/2	15,575	1/2	27,486	1/2	39,062	1/2	50,959	1/2	62,856	1/2	74,742	1/2	86,614	1/2	98,515	1/2	110,417
3/4	3,896	3/4	15,824	3/4	27,734	3/4	39,310	3/4	51,207	3/4	63,104	3/4	74,989	3/4	86,862	3/4	98,763	3/4	110,665
5	4,145	5	16,072	5	27,982	5	39,558	5	51,455	5	63,352	5	75,236	5	87,109	5	99,011	5	110,913
1/4	4,393	1/4	16,320	1/4	28,228	1/4	39,806	1/4	51,703	1/4	63,600	1/4	75,483	1/4	87,357	1/4	99,259	1/4	111,161
1/2	4,642	1/2	16,569	1/2	28,474	1/2	40,054	1/2	51,950	1/2	63,847	1/2	75,730	1/2	87,605	1/2	99,507	1/2	111,409
3/4	4,890	3/4	16,817	3/4	28,721	3/4	40,301	3/4	52,198	3/4	64,095	3/4	75,977	3/4	87,853	3/4	99,755	3/4	111,657
6	5,139	6	17,066	6	28,967	6	40,549	6	52,446	6	64,343	6	76,224	6	88,101	6	100,003	6	111,905
1/4	5,387	1/4	17,314	1/4	29,209	1/4	40,797	1/4	52,694	1/4	64,591	1/4	76,471	1/4	88,349	1/4	100,251	1/4	112,153
1/2	5,636	1/2	17,563	1/2	29,450	1/2	41,045	1/2	52,942	1/2	64,839	1/2	76,718	1/2	88,597	1/2	100,499	1/2	112,401
3/4	5,884	3/4	17,811	3/4	29,692	3/4	41,293	3/4	53,190	3/4	65,087	3/4	76,965	3/4	88,845	3/4	100,747	3/4	112,648
7	6,133	7	18,060	7	29,933	7	41,541	7	53,438	7	65,335	7	77,211	7	89,093	7	100,995	7	112,896
1/4	6,381	1/4	18,308	1/4	30,174	1/4	41,789	1/4	53,685	1/4	65,582	1/4	77,458	1/4	89,341	1/4	101,243	1/4	113,144
1/2	6,630	1/2	18,557	1/2	30,415	1/2	42,036	1/2	53,933	1/2	65,830	1/2	77,705	1/2	89,589	1/2	101,491	1/2	113,392
3/4	6,878	3/4	18,805	3/4	30,656	3/4	42,284	3/4	54,181	3/4	66,078	3/4	77,952	3/4	89,837	3/4	101,739	3/4	113,640
8	7,127	8	19,053	8	30,897	8	42,532	8	54,429	8	66,326	8	78,199	8	90,085	8	101,987	8	113,888
1/4	7,375	1/4	19,301	1/4	31,137	1/4	42,780	1/4	54,677	1/4	66,574	1/4	78,446	1/4	90,333	1/4	102,235	1/4	114,136
1/2	7,624	1/2	19,549	1/2	31,376	1/2	43,028	1/2	54,925	1/2	66,822	1/2	78,693	1/2	90,581	1/2	102,482	1/2	114,384
3/4	7,872	3/4	19,797	3/4	31,616	3/4	43,276	3/4	55,173	3/4	67,070	3/4	78,940	3/4	90,829	3/4	102,730	3/4	114,632
9	8,121	9	20,045	9	31,855	9	43,523	9	55,420	9	67,317	9	79,187	9	91,077	9	102,978	9	114,880
1/4	8,369	1/4	20,293	1/4	32,094	1/4	43,771	1/4	55,668	1/4	67,565	1/4	79,434	1/4	91,325	1/4	103,226	1/4	115,128
1/2	8,618	1/2	20,541	1/2	32,334	1/2	44,019	1/2	55,916	1/2	67,813	1/2	79,680	1/2	91,573	1/2	103,474	1/2	115,376
3/4	8,866	3/4	20,790	3/4	32,573	3/4	44,267	3/4	56,164	3/4	68,061	3/4	79,927	3/4	91,821	3/4	103,722	3/4	115,624
10	9,115	10	21,038	10	32,812	10	44,515	10	56,412	10	68,309	10	80,174	10	92,069	10	103,970	10	115,872
1/4	9,363	1/4	21,286	1/4	33,052	1/4	44,763	1/4	56,660	1/4	68,557	1/4	80,421	1/4	92,316	1/4	104,218	1/4	116,119
1/2	9,612	1/2	21,534	1/2	33,291	1/2	45,011	1/2	56,908	1/2	68,804	1/2	80,668	1/2	92,564	1/2	104,466	1/2	116,367
3/4	9,860	3/4	21,782	3/4	33,531	3/4	45,258	3/4	57,155	3/4	69,052	3/4	80,915	3/4	92,812	3/4	104,714	3/4	116,614
11	10,109	11	22,030	11	33,770	11	45,506	11	57,403	11	69,300	11	81,162	11	93,060	11	104,962	11	116,862
1/4	10,357	1/4	22,278	1/4	34,009	1/4	45,754	1/4	57,651	1/4	69,548	1/4	81,409	1/4	93,308	1/4	105,210	1/4	117,110
1/2	10,606	1/2	22,526	1/2	34,249	1/2	46,002	1/2	57,899	1/2	69,796	1/2	81,658	1/2	93,556	1/2	105,458	1/2	117,357
3/4	10,854	3/4	22,774	3/4	34,488	3/4	46,250	3/4	58,147	3/4	70,044	3/4	81,903	3/4	93,804	3/4	105,706	3/4	117,605

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 30'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77586
<http://www.pmaacorp.net>



BARGE "IB 1307"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01" 1/2"

	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	117,852	0	129,919	0	149,279	0	169,612	0	0	0
1/4	118,100	1/4	129,311	1/4	149,491	1/4	169,757	1/4	1/4	1/4
1/2	118,348	1/2	129,343	1/2	149,703	1/2	169,902	1/2	1/2	1/2
3/4	118,595	3/4	129,555	3/4	149,915	3/4	170,047	3/4	3/4	3/4
1	118,843	1	129,767	1	150,127	1	170,192	1	1	1
1 1/4	119,090	1 1/4	129,979	1 1/4	150,339	1 1/4	170,259	1 1/4	1 1/4	1 1/4
1 1/2	119,338	1 1/2	130,191	1 1/2	150,551	1 1/2	170,326	1 1/2	1 1/2	1 1/2
3/4	119,586	3/4	130,403	3/4	150,763	3/4	170,394	3/4	3/4	3/4
2	119,833	2	130,615	2	150,975	2	170,461	2	2	2
1 1/4	120,081	1 1/4	130,827	1 1/4	151,188	1 1/4	170,481	1 1/4	1 1/4	1 1/4
1 1/2	120,328	1 1/2	131,039	1 1/2	151,400	1 1/2	170,500	1 1/2	1 1/2	1 1/2
3/4	120,576	3/4	131,252	3/4	151,612	3/4	170,519	3/4	3/4	3/4
3	120,824	3	131,464	3	151,824	3	170,538	3	3	3
1 1/4	121,071	1 1/4	131,676	1 1/4	152,036	1 1/4	170,557	1 1/4	1 1/4	1 1/4
1 1/2	121,319	1 1/2	131,888	1 1/2	152,248	1 1/2	170,576	1 1/2	1 1/2	1 1/2
3/4	121,566	3/4	132,100	3/4	152,460	3/4	170,595	3/4	3/4	3/4
4	121,814	4	132,312	4	152,672	4	170,614	4	4	4
1 1/4	122,062	1 1/4	132,524	1 1/4	152,884	1 1/4	170,633	1 1/4	1 1/4	1 1/4
1 1/2	122,309	1 1/2	132,736	1 1/2	153,096	1 1/2	170,652	1 1/2	1 1/2	1 1/2
3/4	122,557	3/4	132,948	3/4	153,308	3/4	170,671	3/4	3/4	3/4
5	122,804	5	133,160	5	153,521	5	170,690	5	5	5
1 1/4	123,047	1 1/4	133,372	1 1/4	153,733	1 1/4	170,709	1 1/4	1 1/4	1 1/4
1 1/2	123,290	1 1/2	133,584	1 1/2	153,945	1 1/2	170,728	1 1/2	1 1/2	1 1/2
3/4	123,533	3/4	133,797	3/4	154,157	3/4	170,747	3/4	3/4	3/4
6	123,777	6	134,009	6	154,369	6	170,766	6	6	6
1 1/4	124,020	1 1/4	134,221	1 1/4	154,581	1 1/4	170,785	1 1/4	1 1/4	1 1/4
1 1/2	124,267	1 1/2	134,433	1 1/2	154,793	1 1/2	170,804	1 1/2	1 1/2	1 1/2
3/4	124,452	3/4	134,645	3/4	155,005	3/4	170,823	3/4	3/4	3/4
7	124,677	7	134,857	7	155,217	7	170,842	7	7	7
1 1/4	124,889	1 1/4	135,069	1 1/4	155,429	1 1/4	170,861	1 1/4	1 1/4	1 1/4
1 1/2	125,101	1 1/2	135,281	1 1/2	155,641	1 1/2	170,880	1 1/2	1 1/2	1 1/2
3/4	125,313	3/4	135,493	3/4	155,853	3/4	170,899	3/4	3/4	3/4
8	125,525	8	135,705	8	156,065	8	170,918	8	8	8
1 1/4	125,737	1 1/4	135,917	1 1/4	156,277	1 1/4	170,937	1 1/4	1 1/4	1 1/4
1 1/2	125,949	1 1/2	136,129	1 1/2	156,489	1 1/2	170,956	1 1/2	1 1/2	1 1/2
3/4	126,161	3/4	136,342	3/4	156,702	3/4	170,975	3/4	3/4	3/4
9	126,374	9	136,554	9	156,914	9	170,994	9	9	9
1 1/4	126,586	1 1/4	136,766	1 1/4	157,126	1 1/4	171,013	1 1/4	1 1/4	1 1/4
1 1/2	126,798	1 1/2	136,978	1 1/2	157,338	1 1/2	171,032	1 1/2	1 1/2	1 1/2
3/4	127,010	3/4	137,190	3/4	157,550	3/4	171,051	3/4	3/4	3/4
10	127,222	10	137,402	10	157,762	10	171,070	10	10	10
1 1/4	127,434	1 1/4	137,614	1 1/4	157,974	1 1/4	171,089	1 1/4	1 1/4	1 1/4
1 1/2	127,646	1 1/2	137,826	1 1/2	158,186	1 1/2	171,108	1 1/2	1 1/2	1 1/2
3/4	127,858	3/4	138,038	3/4	158,398	3/4	171,127	3/4	3/4	3/4
11	128,070	11	138,250	11	158,610	11	171,146	11	11	11
1 1/4	128,282	1 1/4	138,462	1 1/4	158,822	1 1/4	171,165	1 1/4	1 1/4	1 1/4
1 1/2	128,494	1 1/2	138,675	1 1/2	159,035	1 1/2	171,184	1 1/2	1 1/2	1 1/2
3/4	128,706	3/4	138,887	3/4	159,247	3/4	171,203	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/03/2019 JS
CALCULATED: 09/04/2019 CL
PRINTED: 09/04/2019 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Peerland, Texas 77588
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BARGE "IB 1307"

2 CENTER INNAGE TABLE

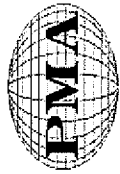
CAPACITIES GIVEN IN WHOLE GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	74	0	9,447	0	19,730	0	29,854	0	40,043	0	50,327	0	60,610	0	70,894	0	81,177	0	91,461
1/4	138	1/4	9,661	1/4	19,944	1/4	30,062	1/4	40,258	1/4	50,541	1/4	60,825	1/4	71,108	1/4	81,391	1/4	91,675
1/2	202	1/2	9,875	1/2	20,158	1/2	30,270	1/2	40,472	1/2	50,755	1/2	61,039	1/2	71,322	1/2	81,606	1/2	91,889
3/4	267	3/4	10,089	3/4	20,372	3/4	30,478	3/4	40,686	3/4	50,970	3/4	61,253	3/4	71,536	3/4	81,820	3/4	92,103
1	331	1	10,304	1	20,587	1	30,686	1	40,900	1	51,184	1	61,467	1	71,751	1	82,034	1	92,318
1/4	478	1/4	10,518	1/4	20,801	1/4	30,894	1/4	41,114	1/4	51,398	1/4	61,681	1/4	71,965	1/4	82,248	1/4	92,532
1/2	625	1/2	10,732	1/2	21,015	1/2	31,102	1/2	41,329	1/2	51,612	1/2	61,896	1/2	72,179	1/2	82,463	1/2	92,746
3/4	772	3/4	10,946	3/4	21,229	3/4	31,310	3/4	41,543	3/4	51,826	3/4	62,110	3/4	72,393	3/4	82,677	3/4	92,960
2	919	2	11,161	2	21,444	2	31,518	2	41,757	2	52,041	2	62,324	2	72,608	2	82,891	2	93,175
1/4	1,124	1/4	11,375	1/4	21,658	1/4	31,725	1/4	41,971	1/4	52,255	1/4	62,538	1/4	72,822	1/4	83,105	1/4	93,389
1/2	1,329	1/2	11,589	1/2	21,872	1/2	31,933	1/2	42,186	1/2	52,469	1/2	62,753	1/2	73,036	1/2	83,320	1/2	93,603
3/4	1,534	3/4	11,803	3/4	22,086	3/4	32,141	3/4	42,400	3/4	52,683	3/4	62,967	3/4	73,250	3/4	83,534	3/4	93,817
3	1,739	3	12,017	3	22,301	3	32,349	3	42,614	3	52,898	3	63,181	3	73,465	3	83,748	3	94,032
1/4	1,952	1/4	12,232	1/4	22,515	1/4	32,559	1/4	42,828	1/4	53,112	1/4	63,395	1/4	73,679	1/4	83,962	1/4	94,246
1/2	2,165	1/2	12,446	1/2	22,729	1/2	32,769	1/2	43,043	1/2	53,326	1/2	63,610	1/2	73,893	1/2	84,177	1/2	94,460
3/4	2,379	3/4	12,660	3/4	22,943	3/4	32,978	3/4	43,257	3/4	53,540	3/4	63,824	3/4	74,107	3/4	84,391	3/4	94,674
4	2,592	4	12,874	4	23,157	4	33,188	4	43,471	4	53,755	4	64,038	4	74,322	4	84,605	4	94,889
1/4	2,806	1/4	13,089	1/4	23,372	1/4	33,402	1/4	43,685	1/4	53,969	1/4	64,252	1/4	74,536	1/4	84,819	1/4	95,103
1/2	3,020	1/2	13,303	1/2	23,586	1/2	33,616	1/2	43,900	1/2	54,183	1/2	64,467	1/2	74,750	1/2	85,034	1/2	95,317
3/4	3,234	3/4	13,517	3/4	23,800	3/4	33,830	3/4	44,114	3/4	54,397	3/4	64,681	3/4	74,964	3/4	85,248	3/4	95,531
5	3,448	5	13,731	5	24,014	5	34,045	5	44,328	5	54,612	5	64,895	5	75,179	5	85,462	5	95,746
1/4	3,663	1/4	13,946	1/4	24,227	1/4	34,259	1/4	44,542	1/4	54,826	1/4	65,109	1/4	75,393	1/4	85,676	1/4	95,960
1/2	3,877	1/2	14,160	1/2	24,440	1/2	34,473	1/2	44,757	1/2	55,040	1/2	65,324	1/2	75,607	1/2	85,891	1/2	96,174
3/4	4,091	3/4	14,374	3/4	24,652	3/4	34,687	3/4	44,971	3/4	55,254	3/4	65,538	3/4	75,821	3/4	86,105	3/4	96,388
6	4,305	6	14,588	6	24,865	6	34,902	6	45,185	6	55,469	6	65,752	6	76,036	6	86,319	6	96,602
1/4	4,519	1/4	14,802	1/4	25,072	1/4	35,116	1/4	45,399	1/4	55,683	1/4	65,966	1/4	76,250	1/4	86,533	1/4	96,817
1/2	4,734	1/2	15,017	1/2	25,280	1/2	35,330	1/2	45,614	1/2	55,897	1/2	66,181	1/2	76,464	1/2	86,747	1/2	97,031
3/4	4,948	3/4	15,231	3/4	25,488	3/4	35,544	3/4	45,828	3/4	56,111	3/4	66,395	3/4	76,678	3/4	86,962	3/4	97,245
7	5,162	7	15,445	7	25,696	7	35,759	7	46,042	7	56,325	7	66,609	7	76,892	7	87,176	7	97,459
1/4	5,376	1/4	15,659	1/4	25,903	1/4	35,973	1/4	46,256	1/4	56,540	1/4	66,823	1/4	77,107	1/4	87,390	1/4	97,674
1/2	5,591	1/2	15,874	1/2	26,111	1/2	36,187	1/2	46,470	1/2	56,754	1/2	67,037	1/2	77,321	1/2	87,604	1/2	97,888
3/4	5,805	3/4	16,088	3/4	26,319	3/4	36,401	3/4	46,685	3/4	56,968	3/4	67,252	3/4	77,535	3/4	87,819	3/4	98,102
8	6,019	8	16,302	8	26,527	8	36,615	8	46,899	8	57,182	8	67,466	8	77,749	8	88,033	8	98,316
1/4	6,233	1/4	16,516	1/4	26,735	1/4	36,830	1/4	47,113	1/4	57,397	1/4	67,680	1/4	77,964	1/4	88,247	1/4	98,531
1/2	6,447	1/2	16,731	1/2	26,943	1/2	37,044	1/2	47,327	1/2	57,611	1/2	67,894	1/2	78,178	1/2	88,461	1/2	98,745
3/4	6,662	3/4	16,945	3/4	27,151	3/4	37,258	3/4	47,542	3/4	57,825	3/4	68,109	3/4	78,392	3/4	88,676	3/4	98,959
9	6,876	9	17,159	9	27,358	9	37,472	9	47,756	9	58,039	9	68,323	9	78,606	9	88,890	9	99,173
1/4	7,090	1/4	17,373	1/4	27,566	1/4	37,687	1/4	47,970	1/4	58,254	1/4	68,537	1/4	78,821	1/4	89,104	1/4	99,388
1/2	7,304	1/2	17,587	1/2	27,774	1/2	37,901	1/2	48,184	1/2	58,468	1/2	68,751	1/2	79,035	1/2	89,318	1/2	99,602
3/4	7,519	3/4	17,802	3/4	27,982	3/4	38,115	3/4	48,399	3/4	58,682	3/4	68,966	3/4	79,249	3/4	89,533	3/4	99,816
10	7,733	10	18,016	10	28,190	10	38,329	10	48,613	10	58,896	10	69,180	10	79,463	10	89,747	10	100,030
1/4	7,947	1/4	18,230	1/4	28,398	1/4	38,544	1/4	48,827	1/4	59,111	1/4	69,394	1/4	79,678	1/4	89,961	1/4	100,245
1/2	8,161	1/2	18,444	1/2	28,606	1/2	38,758	1/2	49,041	1/2	59,325	1/2	69,608	1/2	79,892	1/2	90,175	1/2	100,469
3/4	8,376	3/4	18,659	3/4	28,814	3/4	38,972	3/4	49,256	3/4	59,539	3/4	69,823	3/4	80,106	3/4	90,390	3/4	100,673
11	8,590	11	18,873	11	29,022	11	39,186	11	49,470	11	59,753	11	70,037	11	80,320	11	90,604	11	100,887
1/4	8,804	1/4	19,087	1/4	29,230	1/4	39,401	1/4	49,684	1/4	59,968	1/4	70,251	1/4	80,535	1/4	90,818	1/4	101,102
1/2	9,018	1/2	19,301	1/2	29,438	1/2	39,615	1/2	49,898	1/2	60,182	1/2	70,465	1/2	80,749	1/2	91,032	1/2	101,316
3/4	9,232	3/4	19,516	3/4	29,646	3/4	39,829	3/4	50,113	3/4	60,396	3/4	70,680	3/4	80,963	3/4	91,247	3/4	101,530

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 23'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
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BARGE "IB 1307"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-02 1/4"

	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	101,744	112,028	122,311	132,595	142,878	153,044	0	0	0	0
1/4	101,958	112,242	122,525	132,809	143,092	153,169	1/4	1/4	1/4	1/4
1/2	102,173	112,456	122,740	133,023	143,307	153,294	1/2	1/2	1/2	1/2
3/4	102,387	112,670	122,954	133,237	143,521	153,419	3/4	3/4	3/4	3/4
1	102,601	112,885	123,168	133,452	143,735	153,544	1	1	1	1
1 1/4	102,815	113,099	123,382	133,666	143,949	153,602	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	103,030	113,313	123,597	133,880	144,164	153,660	1 1/2	1 1/2	1 1/2	1 1/2
3/4	103,244	113,527	123,811	134,094	144,378	153,718	3/4	3/4	3/4	3/4
2	103,458	113,742	124,025	134,309	144,592	153,776	2	2	2	2
1 1/4	103,672	113,956	124,239	134,523	144,806	153,794	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	103,887	114,170	124,454	134,737	145,021	153,812	1 1/2	1 1/2	1 1/2	1 1/2
3/4	104,101	114,384	124,668	134,951	145,235	153,830	3/4	3/4	3/4	3/4
3	104,315	114,599	124,882	135,166	145,449	153,848	3	3	3	3
1 1/4	104,529	114,813	125,096	135,380	145,663	153,866	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	104,744	115,027	125,311	135,594	145,878	153,884	1 1/2	1 1/2	1 1/2	1 1/2
3/4	104,958	115,241	125,525	135,808	146,092	153,902	3/4	3/4	3/4	3/4
4	105,172	115,456	125,739	136,023	146,306	153,920	4	4	4	4
1 1/4	105,386	115,670	125,953	136,237	146,520	153,938	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	105,601	115,884	126,168	136,451	146,735	153,956	1 1/2	1 1/2	1 1/2	1 1/2
3/4	105,815	116,098	126,382	136,665	146,949	153,974	3/4	3/4	3/4	3/4
5	106,029	116,313	126,596	136,880	147,163	153,992	5	5	5	5
1 1/4	106,243	116,527	126,810	137,094	147,377	154,010	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	106,458	116,741	127,024	137,308	147,591	154,028	1 1/2	1 1/2	1 1/2	1 1/2
3/4	106,672	116,955	127,239	137,522	147,806	154,046	3/4	3/4	3/4	3/4
6	106,886	117,169	127,453	137,736	148,020	154,064	6	6	6	6
1 1/4	107,100	117,384	127,667	137,951	148,234	154,082	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	107,314	117,598	127,881	138,165	148,448	154,100	1 1/2	1 1/2	1 1/2	1 1/2
3/4	107,529	117,812	128,096	138,379	148,663	154,118	3/4	3/4	3/4	3/4
7	107,743	118,026	128,310	138,593	148,877	154,136	7	7	7	7
1 1/4	107,957	118,241	128,524	138,808	149,091	154,154	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	108,171	118,455	128,738	139,022	149,305	154,172	1 1/2	1 1/2	1 1/2	1 1/2
3/4	108,386	118,669	128,953	139,236	149,520	154,190	3/4	3/4	3/4	3/4
8	108,600	118,883	129,167	139,450	149,734	154,208	8	8	8	8
1 1/4	108,814	119,098	129,381	139,665	149,948	154,226	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	109,028	119,312	129,595	139,879	150,162	154,244	1 1/2	1 1/2	1 1/2	1 1/2
3/4	109,243	119,526	129,810	140,093	150,376	154,262	3/4	3/4	3/4	3/4
9	109,457	119,740	130,024	140,307	150,591	154,280	9	9	9	9
1 1/4	109,671	119,955	130,238	140,522	150,804	154,298	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	109,886	120,169	130,452	140,736	151,018	154,316	1 1/2	1 1/2	1 1/2	1 1/2
3/4	110,100	120,383	130,667	140,950	151,232	154,334	3/4	3/4	3/4	3/4
10	110,314	120,597	130,881	141,164	151,446	154,352	10	10	10	10
1 1/4	110,528	120,812	131,095	141,379	151,657	154,370	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	110,742	121,026	131,309	141,593	151,868	154,388	1 1/2	1 1/2	1 1/2	1 1/2
3/4	110,957	121,240	131,524	141,807	152,079	154,406	3/4	3/4	3/4	3/4
11	111,171	121,454	131,738	142,021	152,289	154,424	11	11	11	11
1 1/4	111,385	121,669	131,952	142,235	152,498	154,442	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	111,599	121,883	132,166	142,450	152,667	154,460	1 1/2	1 1/2	1 1/2	1 1/2
3/4	111,813	122,097	132,380	142,664	152,856	154,478	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/03/2019 JS
 CALCULATED: 09/04/2019 CL
 PRINTED: 09/04/2019 JS
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 09/2019

PRECISION MEASUREMENT
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BARGE "IB 1307"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	74	0	9,517	0	19,877	0	30,213	0	40,551	0	50,921	0	61,281	0	71,642	0	82,002	0	92,362
1/4	139	1/4	9,733	1/4	20,093	1/4	30,428	1/4	40,777	1/4	51,137	1/4	61,497	1/4	71,858	1/4	82,218	1/4	92,578
1/2	204	1/2	9,949	1/2	20,309	1/2	30,643	1/2	40,992	1/2	51,353	1/2	61,713	1/2	72,073	1/2	82,434	1/2	92,794
3/4	268	3/4	10,165	3/4	20,524	3/4	30,857	3/4	41,208	3/4	51,569	3/4	61,929	3/4	72,289	3/4	82,650	3/4	93,010
1	333	1	10,380	1	20,740	1	31,072	1	41,424	1	51,784	1	62,145	1	72,505	1	82,866	1	93,226
1/4	481	1/4	10,596	1/4	20,956	1/4	31,287	1/4	41,640	1/4	52,000	1/4	62,361	1/4	72,721	1/4	83,081	1/4	93,442
1/2	629	1/2	10,812	1/2	21,172	1/2	31,502	1/2	41,856	1/2	52,216	1/2	62,576	1/2	72,937	1/2	83,297	1/2	93,658
3/4	777	3/4	11,028	3/4	21,388	3/4	31,717	3/4	42,072	3/4	52,432	3/4	62,792	3/4	73,153	3/4	83,513	3/4	93,873
2	925	2	11,244	2	21,604	2	31,932	2	42,287	2	52,648	2	63,008	2	73,369	2	83,729	2	94,089
1/4	1,132	1/4	11,460	1/4	21,819	1/4	32,147	1/4	42,503	1/4	52,864	1/4	63,224	1/4	73,584	1/4	83,945	1/4	94,305
1/2	1,338	1/2	11,675	1/2	22,035	1/2	32,362	1/2	42,719	1/2	53,080	1/2	63,440	1/2	73,800	1/2	84,161	1/2	94,521
3/4	1,545	3/4	11,891	3/4	22,251	3/4	32,577	3/4	42,935	3/4	53,295	3/4	63,656	3/4	74,016	3/4	84,376	3/4	94,737
3	1,751	3	12,107	3	22,467	3	32,793	3	43,151	3	53,511	3	63,872	3	74,232	3	84,592	3	94,953
1/4	1,966	1/4	12,323	1/4	22,683	1/4	33,008	1/4	43,367	1/4	53,727	1/4	64,087	1/4	74,448	1/4	84,808	1/4	95,168
1/2	2,181	1/2	12,539	1/2	22,899	1/2	33,223	1/2	43,583	1/2	53,943	1/2	64,303	1/2	74,664	1/2	85,024	1/2	95,384
3/4	2,396	3/4	12,755	3/4	23,114	3/4	33,439	3/4	43,798	3/4	54,159	3/4	64,519	3/4	74,879	3/4	85,240	3/4	95,600
4	2,611	4	12,970	4	23,330	4	33,654	4	44,014	4	54,375	4	64,735	4	75,095	4	85,456	4	95,816
1/4	2,827	1/4	13,186	1/4	23,546	1/4	33,870	1/4	44,230	1/4	54,590	1/4	64,951	1/4	75,311	1/4	85,671	1/4	96,032
1/2	3,043	1/2	13,402	1/2	23,762	1/2	34,086	1/2	44,446	1/2	54,806	1/2	65,167	1/2	75,527	1/2	85,887	1/2	96,248
3/4	3,258	3/4	13,618	3/4	23,978	3/4	34,301	3/4	44,662	3/4	55,022	3/4	65,382	3/4	75,743	3/4	86,103	3/4	96,463
5	3,474	5	13,834	5	24,194	5	34,517	5	44,878	5	55,238	5	65,598	5	75,959	5	86,319	5	96,679
1/4	3,690	1/4	14,050	1/4	24,409	1/4	34,733	1/4	45,093	1/4	55,454	1/4	65,814	1/4	76,174	1/4	86,535	1/4	96,895
1/2	3,905	1/2	14,265	1/2	24,625	1/2	34,949	1/2	45,309	1/2	55,670	1/2	66,030	1/2	76,390	1/2	86,751	1/2	97,111
3/4	4,121	3/4	14,481	3/4	24,840	3/4	35,165	3/4	45,525	3/4	55,885	3/4	66,246	3/4	76,606	3/4	86,966	3/4	97,327
6	4,337	6	14,697	6	25,056	6	35,381	6	45,741	6	56,101	6	66,462	6	76,822	6	87,182	6	97,543
1/4	4,553	1/4	14,913	1/4	25,271	1/4	35,596	1/4	45,957	1/4	56,317	1/4	66,677	1/4	77,038	1/4	87,398	1/4	97,759
1/2	4,768	1/2	15,129	1/2	25,486	1/2	35,812	1/2	46,173	1/2	56,533	1/2	66,893	1/2	77,254	1/2	87,614	1/2	97,974
3/4	4,985	3/4	15,345	3/4	25,701	3/4	36,028	3/4	46,388	3/4	56,749	3/4	67,109	3/4	77,469	3/4	87,830	3/4	98,190
7	5,200	7	15,560	7	26,915	7	36,244	7	46,604	7	56,965	7	67,325	7	77,686	7	88,046	7	98,406
1/4	5,416	1/4	15,776	1/4	26,130	1/4	36,460	1/4	46,820	1/4	57,180	1/4	67,541	1/4	77,901	1/4	88,262	1/4	98,622
1/2	5,632	1/2	15,992	1/2	26,345	1/2	36,676	1/2	47,036	1/2	57,396	1/2	67,757	1/2	78,117	1/2	88,477	1/2	98,838
3/4	5,848	3/4	16,208	3/4	26,560	3/4	36,891	3/4	47,252	3/4	57,612	3/4	67,973	3/4	78,333	3/4	88,693	3/4	99,054
8	6,064	8	16,424	8	26,775	8	37,107	8	47,468	8	57,828	8	68,188	8	78,549	8	88,909	8	99,269
1/4	6,280	1/4	16,640	1/4	26,990	1/4	37,323	1/4	47,683	1/4	58,044	1/4	68,404	1/4	78,765	1/4	89,125	1/4	99,485
1/2	6,495	1/2	16,855	1/2	27,205	1/2	37,539	1/2	47,899	1/2	58,260	1/2	68,620	1/2	78,980	1/2	89,341	1/2	99,701
3/4	6,711	3/4	17,071	3/4	27,420	3/4	37,755	3/4	48,115	3/4	58,476	3/4	68,836	3/4	79,196	3/4	89,557	3/4	99,917
9	6,927	9	17,287	9	27,634	9	37,971	9	48,331	9	58,691	9	69,052	9	79,412	9	89,772	9	100,133
1/4	7,143	1/4	17,503	1/4	27,849	1/4	38,187	1/4	48,547	1/4	58,907	1/4	69,268	1/4	79,628	1/4	89,988	1/4	100,349
1/2	7,359	1/2	17,719	1/2	28,064	1/2	38,402	1/2	48,763	1/2	59,123	1/2	69,483	1/2	79,844	1/2	90,204	1/2	100,564
3/4	7,575	3/4	17,935	3/4	28,279	3/4	38,618	3/4	48,979	3/4	59,339	3/4	69,699	3/4	80,060	3/4	90,420	3/4	100,780
10	7,790	10	18,150	10	28,494	10	38,834	10	49,194	10	59,555	10	69,915	10	80,275	10	90,636	10	100,996
1/4	8,006	1/4	18,366	1/4	28,709	1/4	39,050	1/4	49,410	1/4	59,771	1/4	70,131	1/4	80,491	1/4	90,852	1/4	101,212
1/2	8,222	1/2	18,582	1/2	28,924	1/2	39,266	1/2	49,626	1/2	59,986	1/2	70,347	1/2	80,707	1/2	91,067	1/2	101,428
3/4	8,438	3/4	18,798	3/4	29,138	3/4	39,482	3/4	49,842	3/4	60,202	3/4	70,563	3/4	80,923	3/4	91,283	3/4	101,644
11	8,654	11	19,014	11	29,353	11	39,697	11	50,058	11	60,418	11	70,778	11	81,139	11	91,499	11	101,869
1/4	8,870	1/4	19,229	1/4	29,568	1/4	39,913	1/4	50,274	1/4	60,634	1/4	70,994	1/4	81,355	1/4	91,715	1/4	102,075
1/2	9,085	1/2	19,445	1/2	29,783	1/2	40,129	1/2	50,489	1/2	60,850	1/2	71,210	1/2	81,570	1/2	91,931	1/2	102,291
3/4	9,301	3/4	19,661	3/4	29,998	3/4	40,345	3/4	50,705	3/4	61,066	3/4	71,426	3/4	81,786	3/4	92,147	3/4	102,507

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL

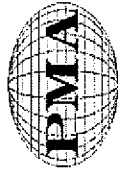
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 24'-01" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
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[Signature]



BARGE "IB 1307"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 3/4"

	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	102,723	0	123,444	0	133,804	0	144,164	0	154,406	0
1/4	102,339	1/4	123,659	1/4	134,020	1/4	144,380	1/4	154,532	1/4
1/2	103,155	1/2	123,875	1/2	134,236	1/2	144,596	1/2	154,658	1/2
3/4	103,370	3/4	124,091	3/4	134,451	3/4	144,812	3/4	154,784	3/4
1	103,586	1	124,307	1	134,667	1	145,028	1	154,910	1
1/4	103,802	1/4	124,523	1/4	134,883	1/4	145,243	1/4	154,969	1/4
1/2	104,018	1/2	124,739	1/2	135,099	1/2	145,459	1/2	155,027	1/2
3/4	104,234	3/4	124,954	3/4	135,315	3/4	145,675	3/4	155,086	3/4
2	104,450	2	125,170	2	135,531	2	145,891	2	155,144	2
1/4	104,665	1/4	125,386	1/4	135,746	1/4	146,107	1/4	155,162	1/4
1/2	104,881	1/2	125,602	1/2	135,962	1/2	146,323	1/2	155,180	1/2
3/4	105,097	3/4	125,818	3/4	136,178	3/4	146,538	3/4	155,198	3/4
3	105,313	3	126,034	3	136,394	3	146,754	3	155,216	3
1/4	105,529	1/4	126,249	1/4	136,610	1/4	146,970	1/4	155,234	1/4
1/2	105,745	1/2	126,465	1/2	136,826	1/2	147,186	1/2	155,252	1/2
3/4	105,960	3/4	126,681	3/4	137,042	3/4	147,402	3/4	155,270	3/4
4	106,176	4	126,897	4	137,257	4	147,618	4	155,288	4
1/4	106,392	1/4	127,113	1/4	137,473	1/4	147,834	1/4	155,306	1/4
1/2	106,608	1/2	127,329	1/2	137,689	1/2	148,049	1/2	155,324	1/2
3/4	106,824	3/4	127,545	3/4	137,905	3/4	148,265	3/4	155,342	3/4
5	107,040	5	127,760	5	138,121	5	148,481	5	155,360	5
1/4	107,256	1/4	127,976	1/4	138,337	1/4	148,697	1/4	155,378	1/4
1/2	107,471	1/2	128,192	1/2	138,552	1/2	148,913	1/2	155,396	1/2
3/4	107,687	3/4	128,408	3/4	138,768	3/4	149,129	3/4	155,414	3/4
6	107,903	6	128,624	6	138,984	6	149,344	6	155,432	6
1/4	108,119	1/4	128,840	1/4	139,200	1/4	149,560	1/4	155,450	1/4
1/2	108,335	1/2	129,055	1/2	139,416	1/2	149,776	1/2	155,468	1/2
3/4	108,551	3/4	129,271	3/4	139,632	3/4	149,992	3/4	155,486	3/4
7	108,766	7	129,487	7	139,847	7	150,208	7	155,504	7
1/4	108,982	1/4	129,703	1/4	140,063	1/4	150,424	1/4	155,522	1/4
1/2	109,198	1/2	129,919	1/2	140,279	1/2	150,639	1/2	155,540	1/2
3/4	109,414	3/4	130,135	3/4	140,495	3/4	150,855	3/4	155,558	3/4
8	109,630	8	130,350	8	140,711	8	151,071	8	155,576	8
1/4	109,846	1/4	130,566	1/4	140,927	1/4	151,287	1/4	155,594	1/4
1/2	110,061	1/2	130,782	1/2	141,142	1/2	151,503	1/2	155,612	1/2
3/4	110,277	3/4	130,998	3/4	141,358	3/4	151,719	3/4	155,630	3/4
9	110,493	9	131,214	9	141,574	9	151,934	9	155,648	9
1/4	110,709	1/4	131,430	1/4	141,790	1/4	152,150	1/4	155,666	1/4
1/2	110,925	1/2	131,645	1/2	142,006	1/2	152,366	1/2	155,684	1/2
3/4	111,141	3/4	131,861	3/4	142,222	3/4	152,581	3/4	155,702	3/4
10	111,356	10	132,077	10	142,438	10	152,798	10	155,720	10
1/4	111,572	1/4	132,293	1/4	142,653	1/4	153,008	1/4	155,738	1/4
1/2	111,788	1/2	132,509	1/2	142,869	1/2	153,221	1/2	155,756	1/2
3/4	112,004	3/4	132,725	3/4	143,085	3/4	153,433	3/4	155,774	3/4
11	112,220	11	132,941	11	143,301	11	153,646	11	155,792	11
1/4	112,436	1/4	133,156	1/4	143,517	1/4	153,836	1/4	155,810	1/4
1/2	112,652	1/2	133,372	1/2	143,733	1/2	154,026	1/2	155,828	1/2
3/4	112,867	3/4	133,588	3/4	143,948	3/4	154,216	3/4	155,846	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/03/2019 JS
 CALCULATED: 09/04/2019 CL
 PRINTED: 09/04/2019 JS
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 09/2019

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