

HSM 3144 FORMERLY

BARGE "EBL 2974"

FUEL TANK
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	0	0	120	0	298	0	456	0	614	0	772	0	930	0	1088	0	1246	0	1404
1	1	1	123	1	302	1	460	1	618	1	776	1	934	1	1092	1	1250	1	1408
2	2	2	127	2	306	2	464	2	622	2	780	2	938	2	1096	2	1254	2	1412
3	3	3	130	3	309	3	467	3	625	3	783	3	941	3	1100	3	1257	3	1415
4	4	4	134	4	313	4	471	4	629	4	787	4	945	4	1104	4	1261	4	1419
5	5	5	137	5	316	5	474	5	632	5	790	5	948	5	1107	5	1264	5	1422
6	6	6	141	6	320	6	478	6	636	6	794	6	952	6	1111	6	1268	6	1426
7	7	7	144	7	324	7	482	7	640	7	798	7	956	7	1115	7	1272	7	1430
8	8	8	148	8	328	8	486	8	644	8	802	8	960	8	1119	8	1276	8	1434
9	9	9	152	9	332	9	490	9	648	9	806	9	964	9	1123	9	1280	9	1438
10	10	10	156	10	336	10	494	10	652	10	810	10	968	10	1127	10	1284	10	1442
11	11	11	160	11	340	11	498	11	656	11	814	11	972	11	1131	11	1288	11	1446
12	12	12	164	12	344	12	502	12	660	12	818	12	976	12	1135	12	1292	12	1450
13	13	13	168	13	348	13	506	13	664	13	822	13	980	13	1139	13	1296	13	1454
14	14	14	172	14	352	14	510	14	668	14	826	14	984	14	1143	14	1300	14	1458
15	15	15	176	15	356	15	514	15	672	15	830	15	988	15	1147	15	1304	15	1462
16	16	16	180	16	360	16	518	16	676	16	834	16	992	16	1151	16	1308	16	1466
17	17	17	184	17	364	17	522	17	680	17	838	17	996	17	1155	17	1312	17	1470
18	18	18	188	18	368	18	526	18	684	18	842	18	1000	18	1159	18	1316	18	1474
19	19	19	192	19	372	19	530	19	688	19	846	19	1004	19	1163	19	1320	19	1478
20	20	20	196	20	376	20	534	20	692	20	850	20	1008	20	1167	20	1324	20	1482
21	21	21	200	21	380	21	538	21	696	21	854	21	1012	21	1171	21	1328	21	1486
22	22	22	204	22	384	22	542	22	700	22	858	22	1016	22	1175	22	1332	22	1490
23	23	23	208	23	388	23	546	23	704	23	862	23	1020	23	1179	23	1336	23	1494
24	24	24	212	24	392	24	550	24	708	24	866	24	1024	24	1183	24	1340	24	1498
25	25	25	216	25	396	25	554	25	712	25	870	25	1028	25	1187	25	1344	25	1502
26	26	26	220	26	400	26	558	26	716	26	874	26	1032	26	1191	26	1348	26	1506
27	27	27	224	27	404	27	562	27	720	27	878	27	1036	27	1195	27	1352	27	1510
28	28	28	228	28	408	28	566	28	724	28	882	28	1040	28	1199	28	1356	28	1514
29	29	29	232	29	412	29	570	29	728	29	886	29	1044	29	1203	29	1360	29	1518
30	30	30	236	30	416	30	574	30	732	30	890	30	1048	30	1207	30	1364	30	1522
31	31	31	240	31	420	31	578	31	736	31	894	31	1052	31	1211	31	1368	31	1526
32	32	32	244	32	424	32	582	32	740	32	898	32	1056	32	1215	32	1372	32	1530
33	33	33	248	33	428	33	586	33	744	33	902	33	1060	33	1219	33	1376	33	1534
34	34	34	252	34	432	34	590	34	748	34	906	34	1064	34	1223	34	1380	34	1538
35	35	35	256	35	436	35	594	35	752	35	910	35	1068	35	1227	35	1384	35	1542
36	36	36	260	36	440	36	598	36	756	36	914	36	1072	36	1231	36	1388	36	1546
37	37	37	264	37	444	37	602	37	760	37	918	37	1076	37	1235	37	1392	37	1550
38	38	38	268	38	448	38	606	38	764	38	922	38	1080	38	1239	38	1396	38	1554
39	39	39	272	39	452	39	610	39	768	39	926	39	1084	39	1243	39	1400	39	1558
40	40	40	276	40	456	40	614	40	772	40	930	40	1088	40	1247	40	1404	40	1562
41	41	41	280	41	460	41	618	41	776	41	934	41	1092	41	1251	41	1408	41	1566
42	42	42	284	42	464	42	622	42	780	42	938	42	1096	42	1255	42	1412	42	1570
43	43	43	288	43	468	43	626	43	784	43	942	43	1100	43	1259	43	1416	43	1574
44	44	44	292	44	472	44	630	44	788	44	946	44	1104	44	1263	44	1420	44	1578
45	45	45	296	45	476	45	634	45	792	45	950	45	1108	45	1267	45	1424	45	1582
46	46	46	300	46	480	46	638	46	796	46	954	46	1112	46	1271	46	1428	46	1586
47	47	47	304	47	484	47	642	47	800	47	958	47	1116	47	1275	47	1432	47	1590
48	48	48	308	48	488	48	646	48	804	48	962	48	1120	48	1279	48	1436	48	1594
49	49	49	312	49	492	49	650	49	808	49	966	49	1124	49	1283	49	1440	49	1598
50	50	50	316	50	496	50	654	50	812	50	970	50	1128	50	1287	50	1444	50	1602
51	51	51	320	51	500	51	658	51	816	51	974	51	1132	51	1291	51	1448	51	1606
52	52	52	324	52	504	52	662	52	820	52	978	52	1136	52	1295	52	1452	52	1610
53	53	53	328	53	508	53	666	53	824	53	982	53	1140	53	1299	53	1456	53	1614
54	54	54	332	54	512	54	670	54	828	54	986	54	1144	54	1303	54	1460	54	1618
55	55	55	336	55	516	55	674	55	832	55	990	55	1148	55	1307	55	1464	55	1622
56	56	56	340	56	520	56	678	56	836	56	994	56	1152	56	1311	56	1468	56	1626
57	57	57	344	57	524	57	682	57	840	57	998	57	1156	57	1315	57	1472	57	1630
58	58	58	348	58	528	58	686	58	844	58	1002	58	1160	58	1319	58	1476	58	1634
59	59	59	352	59	532	59	690	59	848	59	1006	59	1164	59	1323	59	1480	59	1638
60	60	60	356	60	536	60	694	60	852	60	1010	60	1168	60	1327	60	1484	60	1642
61	61	61	360	61	540	61	698	61	856	61	1014	61	1172	61	1331	61	1488	61	1646
62	62	62	364	62	544	62	702	62	860	62	1018	62	1176	62	1335	62	1492	62	1650
63	63	63	368	63	548	63	706	63	864	63	1022	63	1180	63	1339	63	1496	63	1654
64	64	64	372	64	552	64	710	64	868	64	1026	64	1184	64	1343	64	1500	64	1658
65	65	65	376	65	556	65	714	65	872	65	1030	65	1188	65	1347	65	1504	65	1662
66	66	66	380	66	560	66	718	66	876	66	1034	66	1192	66	1351	66	1508	66	1666
67	67	67	384	67	564	67	722	67	880	67	1038	67	1196	67	1355	67	1512	67	1670
68	68	68	388	68	568	68	726	68	884	68	1042	68	1200	68	1359	68	1516	68	1674
69	69	69	392	69	572	69	730	69	888	69	1046	69	1204	69	1363	69	1520	69	1678
70	70	70	396	70	576	70	734	70	892	70	1050	70	1208	70	1367	70	1524	70	1682
71	71	71	400	71	580	71	738	71	896	71	1054	71	1212	71	1371	71	1528	71	1686
72	72	72	404	72	584	72	742	72	900	72	1058	72	1216	72	1375	72	1532	72	1690
73	73	73	408	73	588	73	746	73	904	73	1062	73	1220	73	1379	73	1536	73	1694
74	74	74	412	74	592	74	750	74	908	74	1066	74	1224	74	1383	74	1540	74	1698
75	75	75	416	75	596	75	754	75	912	75	1070	75	1228	75					



HSM 3144 FORMERLY

BARGE "EBL 2974"

FWD SLOP TANK ULLAGE 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	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	1,627	0	1,178	0	730	0	281	0	0	0	0	0	0	0	0	0	0	0
14	14	1,618	14	1,169	14	720	14	271	14	14	14	14	14	14	14	14	14	14	14
12	12	1,609	12	1,160	12	711	12	262	12	12	12	12	12	12	12	12	12	12	12
34	34	1,599	34	1,150	34	702	34	253	34	24	24	24	24	24	24	24	24	24	24
1	1	1,590	1	1,141	1	692	1	243	1	1	1	1	1	1	1	1	1	1	1
14	14	1,581	14	1,132	14	683	14	234	14	14	14	14	14	14	14	14	14	14	14
12	12	1,571	12	1,122	12	673	12	225	12	12	12	12	12	12	12	12	12	12	12
34	34	1,562	34	1,113	34	664	34	216	34	24	24	24	24	24	24	24	24	24	24
2	2	1,552	2	1,104	2	655	2	208	2	2	2	2	2	2	2	2	2	2	2
14	14	1,543	14	1,094	14	645	14	197	14	14	14	14	14	14	14	14	14	14	14
12	12	1,534	12	1,085	12	636	12	187	12	12	12	12	12	12	12	12	12	12	12
34	34	1,524	34	1,076	34	627	34	178	34	24	24	24	24	24	24	24	24	24	24
3	3	1,515	3	1,066	3	617	3	169	3	3	3	3	3	3	3	3	3	3	3
14	14	1,506	14	1,057	14	608	14	160	14	14	14	14	14	14	14	14	14	14	14
12	12	1,496	12	1,048	12	599	12	150	12	12	12	12	12	12	12	12	12	12	12
34	34	1,487	34	1,038	34	589	34	140	34	24	24	24	24	24	24	24	24	24	24
4	4	1,478	4	1,029	4	580	4	131	4	4	4	4	4	4	4	4	4	4	4
14	14	1,468	14	1,019	14	571	14	122	14	14	14	14	14	14	14	14	14	14	14
12	12	1,459	12	1,010	12	561	12	112	12	12	12	12	12	12	12	12	12	12	12
34	34	1,450	34	1,001	34	552	34	103	34	24	24	24	24	24	24	24	24	24	24
8	8	1,440	8	991	8	543	8	94	8	8	8	8	8	8	8	8	8	8	8
14	14	1,431	14	982	14	534	14	84	14	14	14	14	14	14	14	14	14	14	14
12	12	1,422	12	973	12	524	12	75	12	12	12	12	12	12	12	12	12	12	12
34	34	1,412	34	963	34	515	34	66	34	24	24	24	24	24	24	24	24	24	24
6	6	1,403	6	954	6	506	6	56	6	6	6	6	6	6	6	6	6	6	6
14	14	1,394	14	945	14	496	14	46	14	14	14	14	14	14	14	14	14	14	14
12	12	1,384	12	935	12	486	12	38	12	12	12	12	12	12	12	12	12	12	12
34	34	1,375	34	926	34	477	34	28	34	24	24	24	24	24	24	24	24	24	24
7	7	1,365	7	917	7	468	7	19	7	7	7	7	7	7	7	7	7	7	7
14	14	1,356	14	907	14	458	14	9	14	14	14	14	14	14	14	14	14	14	14
12	12	1,347	12	898	12	449	12	0	12	12	12	12	12	12	12	12	12	12	12
34	34	1,337	34	889	34	440	34	34	34	34	34	34	34	34	34	34	34	34	34
8	8	1,328	8	879	8	430	8	24	8	8	8	8	8	8	8	8	8	8	8
14	14	1,319	14	870	14	421	14	14	14	14	14	14	14	14	14	14	14	14	14
12	12	1,309	12	861	12	412	12	12	12	12	12	12	12	12	12	12	12	12	12
34	34	1,300	34	851	34	402	34	24	34	34	34	34	34	34	34	34	34	34	34
9	9	1,291	9	842	9	393	9	14	9	9	9	9	9	9	9	9	9	9	9
14	14	1,281	14	832	14	384	14	4	14	14	14	14	14	14	14	14	14	14	14
12	12	1,272	12	823	12	374	12	34	12	12	12	12	12	12	12	12	12	12	12
34	34	1,263	34	814	34	365	34	24	34	34	34	34	34	34	34	34	34	34	34
10	10	1,253	10	804	10	356	10	14	10	10	10	10	10	10	10	10	10	10	10
14	14	1,244	14	795	14	346	14	4	14	14	14	14	14	14	14	14	14	14	14
12	12	1,235	12	786	12	337	12	34	12	12	12	12	12	12	12	12	12	12	12
34	34	1,225	34	776	34	328	34	24	34	34	34	34	34	34	34	34	34	34	34
11	11	1,216	11	767	11	318	11	14	11	11	11	11	11	11	11	11	11	11	11
14	14	1,206	14	758	14	309	14	4	14	14	14	14	14	14	14	14	14	14	14
12	12	1,197	12	748	12	299	12	34	12	12	12	12	12	12	12	12	12	12	12
34	34	1,188	34	738	34	289	34	24	34	24	24	24	24	24	24	24	24	24	24

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

STRAPPED: 06/20/2016 CL
CALCULATED: 06/20/2016 CL
PRINTED: 06/22/2016 JS
CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2016

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 AT GAUGE POINT
CAPACITY TABLE ONLY APPLIES TO INNAUGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2972
Pearland, Texas 77588
<http://www.pmcinc.net>



HSM 3144 FORMERLY
BARGE "EBL 2974"

FWD SLOP TANK
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	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	0	449	0	898	0	1,347	0	1,795	0	2,244	0	2,692	0	3,141	0	3,589	0	4,037
1/4	0	1/4	453	1/4	907	1/4	1,360	1/4	1,808	1/4	2,257	1/4	2,705	1/4	3,154	1/4	3,602	1/4	4,050
1/2	1/2	1/2	458	1/2	917	1/2	1,368	1/2	1,814	1/2	2,264	1/2	2,712	1/2	3,161	1/2	3,609	1/2	4,057
3/4	3/4	3/4	463	3/4	928	3/4	1,375	3/4	1,824	3/4	2,275	3/4	2,723	3/4	3,172	3/4	3,620	3/4	4,064
1	1	1	468	1	936	1	1,384	1	1,833	1	2,284	1	2,732	1	3,181	1	3,629	1	4,073
1 1/4	1 1/4	1 1/4	473	1 1/4	945	1 1/4	1,393	1 1/4	1,842	1 1/4	2,293	1 1/4	2,741	1 1/4	3,190	1 1/4	3,638	1 1/4	4,082
1 1/2	1 1/2	1 1/2	478	1 1/2	954	1 1/2	1,403	1 1/2	1,852	1 1/2	2,302	1 1/2	2,750	1 1/2	3,199	1 1/2	3,647	1 1/2	4,091
1 3/4	1 3/4	1 3/4	483	1 3/4	963	1 3/4	1,412	1 3/4	1,861	1 3/4	2,311	1 3/4	2,759	1 3/4	3,208	1 3/4	3,656	1 3/4	4,100
2	2	2	488	2	972	2	1,421	2	1,870	2	2,320	2	2,768	2	3,217	2	3,665	2	4,109
2 1/4	2 1/4	2 1/4	493	2 1/4	981	2 1/4	1,431	2 1/4	1,880	2 1/4	2,329	2 1/4	2,777	2 1/4	3,226	2 1/4	3,674	2 1/4	4,118
2 1/2	2 1/2	2 1/2	498	2 1/2	991	2 1/2	1,440	2 1/2	1,889	2 1/2	2,338	2 1/2	2,786	2 1/2	3,235	2 1/2	3,683	2 1/2	4,127
2 3/4	2 3/4	2 3/4	503	2 3/4	1,001	2 3/4	1,450	2 3/4	1,898	2 3/4	2,347	2 3/4	2,795	2 3/4	3,244	2 3/4	3,692	2 3/4	4,136
3	3	3	508	3	1,010	3	1,459	3	1,907	3	2,356	3	2,804	3	3,253	3	3,701	3	4,145
3 1/4	3 1/4	3 1/4	513	3 1/4	1,019	3 1/4	1,468	3 1/4	1,917	3 1/4	2,365	3 1/4	2,813	3 1/4	3,262	3 1/4	3,710	3 1/4	4,154
3 1/2	3 1/2	3 1/2	518	3 1/2	1,029	3 1/2	1,478	3 1/2	1,926	3 1/2	2,374	3 1/2	2,822	3 1/2	3,271	3 1/2	3,719	3 1/2	4,163
3 3/4	3 3/4	3 3/4	523	3 3/4	1,038	3 3/4	1,487	3 3/4	1,935	3 3/4	2,383	3 3/4	2,831	3 3/4	3,280	3 3/4	3,728	3 3/4	4,172
4	4	4	528	4	1,047	4	1,496	4	1,944	4	2,392	4	2,840	4	3,289	4	3,737	4	4,181
4 1/4	4 1/4	4 1/4	533	4 1/4	1,057	4 1/4	1,506	4 1/4	1,954	4 1/4	2,401	4 1/4	2,849	4 1/4	3,298	4 1/4	3,746	4 1/4	4,190
4 1/2	4 1/2	4 1/2	538	4 1/2	1,066	4 1/2	1,515	4 1/2	1,964	4 1/2	2,410	4 1/2	2,858	4 1/2	3,307	4 1/2	3,755	4 1/2	4,199
4 3/4	4 3/4	4 3/4	543	4 3/4	1,075	4 3/4	1,524	4 3/4	1,973	4 3/4	2,419	4 3/4	2,867	4 3/4	3,316	4 3/4	3,764	4 3/4	4,208
5	5	5	548	5	1,085	5	1,534	5	1,982	5	2,428	5	2,876	5	3,325	5	3,773	5	4,217
5 1/4	5 1/4	5 1/4	553	5 1/4	1,094	5 1/4	1,543	5 1/4	1,992	5 1/4	2,437	5 1/4	2,885	5 1/4	3,334	5 1/4	3,782	5 1/4	4,226
5 1/2	5 1/2	5 1/2	558	5 1/2	1,104	5 1/2	1,552	5 1/2	2,001	5 1/2	2,446	5 1/2	2,894	5 1/2	3,343	5 1/2	3,791	5 1/2	4,235
5 3/4	5 3/4	5 3/4	563	5 3/4	1,113	5 3/4	1,562	5 3/4	2,011	5 3/4	2,455	5 3/4	2,903	5 3/4	3,352	5 3/4	3,800	5 3/4	4,244
6	6	6	568	6	1,122	6	1,571	6	2,020	6	2,464	6	2,912	6	3,361	6	3,809	6	4,253
6 1/4	6 1/4	6 1/4	573	6 1/4	1,132	6 1/4	1,580	6 1/4	2,030	6 1/4	2,473	6 1/4	2,921	6 1/4	3,370	6 1/4	3,818	6 1/4	4,262
6 1/2	6 1/2	6 1/2	578	6 1/2	1,141	6 1/2	1,590	6 1/2	2,040	6 1/2	2,482	6 1/2	2,930	6 1/2	3,379	6 1/2	3,827	6 1/2	4,271
6 3/4	6 3/4	6 3/4	583	6 3/4	1,150	6 3/4	1,599	6 3/4	2,050	6 3/4	2,491	6 3/4	2,939	6 3/4	3,388	6 3/4	3,836	6 3/4	4,280
7	7	7	588	7	1,160	7	1,608	7	2,060	7	2,500	7	2,948	7	3,397	7	3,845	7	4,289
7 1/4	7 1/4	7 1/4	593	7 1/4	1,169	7 1/4	1,618	7 1/4	2,070	7 1/4	2,509	7 1/4	2,957	7 1/4	3,406	7 1/4	3,854	7 1/4	4,298
7 1/2	7 1/2	7 1/2	598	7 1/2	1,178	7 1/2	1,627	7 1/2	2,080	7 1/2	2,518	7 1/2	2,966	7 1/2	3,415	7 1/2	3,863	7 1/2	4,307
7 3/4	7 3/4	7 3/4	603	7 3/4	1,188	7 3/4	1,637	7 3/4	2,090	7 3/4	2,527	7 3/4	2,975	7 3/4	3,424	7 3/4	3,872	7 3/4	4,316
8	8	8	608	8	1,197	8	1,646	8	2,100	8	2,536	8	2,984	8	3,433	8	3,881	8	4,325
8 1/4	8 1/4	8 1/4	613	8 1/4	1,206	8 1/4	1,655	8 1/4	2,110	8 1/4	2,545	8 1/4	2,993	8 1/4	3,442	8 1/4	3,890	8 1/4	4,334
8 1/2	8 1/2	8 1/2	618	8 1/2	1,216	8 1/2	1,665	8 1/2	2,120	8 1/2	2,554	8 1/2	3,002	8 1/2	3,451	8 1/2	3,899	8 1/2	4,343
8 3/4	8 3/4	8 3/4	623	8 3/4	1,225	8 3/4	1,674	8 3/4	2,130	8 3/4	2,563	8 3/4	3,011	8 3/4	3,460	8 3/4	3,908	8 3/4	4,352
9	9	9	628	9	1,234	9	1,683	9	2,140	9	2,572	9	3,020	9	3,469	9	3,917	9	4,361
9 1/4	9 1/4	9 1/4	633	9 1/4	1,244	9 1/4	1,693	9 1/4	2,150	9 1/4	2,581	9 1/4	3,029	9 1/4	3,478	9 1/4	3,926	9 1/4	4,370
9 1/2	9 1/2	9 1/2	638	9 1/2	1,253	9 1/2	1,702	9 1/2	2,160	9 1/2	2,590	9 1/2	3,038	9 1/2	3,487	9 1/2	3,935	9 1/2	4,379
9 3/4	9 3/4	9 3/4	643	9 3/4	1,263	9 3/4	1,711	9 3/4	2,170	9 3/4	2,599	9 3/4	3,047	9 3/4	3,496	9 3/4	3,944	9 3/4	4,388
10	10	10	648	10	1,272	10	1,721	10	2,180	10	2,608	10	3,056	10	3,505	10	3,953	10	4,397
10 1/4	10 1/4	10 1/4	653	10 1/4	1,281	10 1/4	1,730	10 1/4	2,190	10 1/4	2,617	10 1/4	3,065	10 1/4	3,514	10 1/4	3,962	10 1/4	4,406
10 1/2	10 1/2	10 1/2	658	10 1/2	1,291	10 1/2	1,739	10 1/2	2,200	10 1/2	2,626	10 1/2	3,074	10 1/2	3,523	10 1/2	3,971	10 1/2	4,415
10 3/4	10 3/4	10 3/4	663	10 3/4	1,300	10 3/4	1,748	10 3/4	2,210	10 3/4	2,635	10 3/4	3,083	10 3/4	3,532	10 3/4	3,980	10 3/4	4,424
11	11	11	668	11	1,309	11	1,758	11	2,220	11	2,644	11	3,092	11	3,541	11	3,989	11	4,433
11 1/4	11 1/4	11 1/4	673	11 1/4	1,319	11 1/4	1,767	11 1/4	2,230	11 1/4	2,653	11 1/4	3,101	11 1/4	3,550	11 1/4	3,998	11 1/4	4,442
11 1/2	11 1/2	11 1/2	678	11 1/2	1,328	11 1/2	1,777	11 1/2	2,240	11 1/2	2,662	11 1/2	3,110	11 1/2	3,559	11 1/2	4,007	11 1/2	4,451
11 3/4	11 3/4	11 3/4	683	11 3/4	1,337	11 3/4	1,786	11 3/4	2,250	11 3/4	2,671	11 3/4	3,119	11 3/4	3,568	11 3/4	4,016	11 3/4	4,460

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH API CHAPTER 2.7
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE

STRAPPED: 06/20/2016 CL
CALCULATED: 06/20/2016 CL
PRINTED: 06/22/2016 JS
CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2016

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2022
Pearland, Texas 77588
<http://www.pma-inc.net>

[Signature]



AFT SLOP TANK
ULLAGE TABLE

[illegible]

BEARGE 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 AT GAUGE POINT
CAPACITY TABLE ONLY APPLIES TO INNAUGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE

STRAPPED: 05/20/2016 CL
CALCULATED: 06/20/2016 CL
PRINTED: 06/22/2016 JS

**PRECISION MEASUREMENT
ANALYSIS, INC.**

P.O. Box 2012
Pearland, Texas 77588
<http://www.primcorp.net>

[Signature]



HSM 3144 FORMERLY
BARGE "EBL 2974"

AFT SLOP TANK
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	0	IN	1	IN	2	IN	3	IN	4	IN	5	IN	6	IN	7	IN	8	IN	9
0	0	449	8	896	14	1,347	0	1,795	0	0	0	0	0	0	0	0	0	0	0
10	9	488	14	937	18	1,386	14	1,834	18	1,282	14	1,730	18	1,178	14	1,626	18	1,074	14
20	19	468	12	917	12	1,366	12	1,814	12	1,260	12	1,708	12	1,156	12	1,604	12	1,051	12
30	28	477	24	928	24	1,378	24	1,824	24	1,271	24	1,719	24	1,166	24	1,615	24	1,062	24
40	37	466	1	936	1	1,384	1	1,833	1	1,277	1	1,724	1	1,171	1	1,621	1	1,067	1
50	47	496	14	946	14	1,393	14	1,842	14	1,281	14	1,732	14	1,179	14	1,630	14	1,075	14
60	56	506	12	954	12	1,403	12	1,852	12	1,290	12	1,741	12	1,188	12	1,640	12	1,084	12
70	66	514	24	963	24	1,412	24	1,861	24	1,299	24	1,750	24	1,197	24	1,650	24	1,093	24
80	75	524	2	973	2	1,421	2	1,871	2	1,308	2	1,760	2	1,206	2	1,660	2	1,102	2
90	84	533	14	982	14	1,431	14	1,880	14	1,317	14	1,770	14	1,215	14	1,670	14	1,111	14
100	94	542	12	991	12	1,440	12	1,889	12	1,326	12	1,780	12	1,224	12	1,680	12	1,120	12
110	103	552	24	1,001	24	1,450	24	1,898	24	1,335	24	1,790	24	1,233	24	1,690	24	1,129	24
120	112	561	3	1,010	3	1,459	3	1,908	3	1,344	3	1,800	3	1,242	3	1,700	3	1,138	3
130	121	571	14	1,019	14	1,468	14	1,917	14	1,353	14	1,810	14	1,251	14	1,710	14	1,147	14
140	131	580	12	1,029	12	1,478	12	1,926	12	1,362	12	1,820	12	1,260	12	1,720	12	1,156	12
150	140	589	24	1,038	24	1,487	24	1,935	24	1,371	24	1,830	24	1,269	24	1,730	24	1,165	24
160	150	598	4	1,047	4	1,496	4	1,944	4	1,380	4	1,840	4	1,278	4	1,740	4	1,174	4
170	159	608	14	1,057	14	1,506	14	1,954	14	1,389	14	1,850	14	1,287	14	1,750	14	1,183	14
180	168	617	12	1,067	12	1,515	12	1,964	12	1,398	12	1,860	12	1,296	12	1,760	12	1,192	12
190	178	627	24	1,076	24	1,524	24	1,973	24	1,407	24	1,870	24	1,305	24	1,770	24	1,201	24
200	187	636	3	1,086	3	1,534	3	1,982	3	1,416	3	1,880	3	1,314	3	1,780	3	1,210	3
210	197	646	14	1,094	14	1,543	14	1,992	14	1,425	14	1,890	14	1,323	14	1,790	14	1,219	14
220	206	656	12	1,104	12	1,552	12	2,001	12	1,434	12	1,900	12	1,332	12	1,800	12	1,228	12
230	215	664	24	1,113	24	1,562	24	2,011	24	1,443	24	1,910	24	1,341	24	1,810	24	1,237	24
240	225	673	3	1,122	3	1,571	3	2,020	3	1,452	3	1,920	3	1,350	3	1,820	3	1,246	3
250	234	683	14	1,132	14	1,580	14	2,030	14	1,461	14	1,930	14	1,359	14	1,830	14	1,255	14
260	243	692	12	1,141	12	1,590	12	2,040	12	1,470	12	1,940	12	1,368	12	1,840	12	1,264	12
270	253	701	24	1,150	24	1,599	24	2,050	24	1,479	24	1,950	24	1,377	24	1,850	24	1,273	24
280	262	711	3	1,160	3	1,608	3	2,060	3	1,488	3	1,960	3	1,386	3	1,860	3	1,282	3
290	271	720	14	1,169	14	1,618	14	2,070	14	1,497	14	1,970	14	1,395	14	1,870	14	1,291	14
300	281	730	12	1,178	12	1,627	12	2,080	12	1,506	12	1,980	12	1,404	12	1,880	12	1,300	12
310	290	739	24	1,188	24	1,637	24	2,090	24	1,515	24	1,990	24	1,413	24	1,890	24	1,309	24
320	299	748	3	1,197	3	1,646	3	2,100	3	1,524	3	2,000	3	1,422	3	1,900	3	1,318	3
330	309	758	14	1,206	14	1,656	14	2,110	14	1,533	14	2,010	14	1,431	14	1,910	14	1,327	14
340	318	767	12	1,216	12	1,665	12	2,120	12	1,542	12	2,020	12	1,440	12	1,920	12	1,336	12
350	327	776	24	1,226	24	1,674	24	2,130	24	1,551	24	2,030	24	1,449	24	1,930	24	1,345	24
360	337	786	3	1,234	3	1,683	3	2,140	3	1,560	3	2,040	3	1,458	3	1,940	3	1,354	3
370	346	795	14	1,244	14	1,693	14	2,150	14	1,569	14	2,050	14	1,467	14	1,950	14	1,363	14
380	355	804	12	1,253	12	1,702	12	2,160	12	1,578	12	2,060	12	1,476	12	1,960	12	1,372	12
390	365	814	24	1,262	24	1,711	24	2,170	24	1,587	24	2,070	24	1,485	24	1,970	24	1,381	24
400	374	823	3	1,271	3	1,721	3	2,180	3	1,596	3	2,080	3	1,494	3	1,980	3	1,390	3
410	384	832	14	1,281	14	1,730	14	2,190	14	1,605	14	2,090	14	1,503	14	1,990	14	1,400	14
420	393	842	12	1,291	12	1,739	12	2,200	12	1,614	12	2,100	12	1,512	12	2,000	12	1,409	12
430	402	851	24	1,300	24	1,749	24	2,210	24	1,623	24	2,110	24	1,521	24	2,010	24	1,418	24
440	412	860	3	1,309	3	1,758	3	2,220	3	1,632	3	2,120	3	1,530	3	2,020	3	1,427	3
450	421	870	14	1,319	14	1,767	14	2,230	14	1,641	14	2,130	14	1,539	14	2,030	14	1,436	14
460	430	879	12	1,328	12	1,777	12	2,240	12	1,650	12	2,140	12	1,548	12	2,040	12	1,445	12
470	440	888	24	1,337	24	1,786	24	2,250	24	1,659	24	2,150	24	1,557	24	2,050	24	1,454	24



**HSM 3144 FORMERLY
BARGE "EBL 2974"**
INNAGE TRIM TABLE (HERMETIC)

	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 PORT	02-1/8	- 02-1/8	04-1/4	- 04-1/4	06-1/4	- 06-1/4	08-1/2	- 08-1/2	10-5/8	- 10-5/8	12-3/4	- 12-3/4
1 STBD	02-1/8	- 02-1/8	04-1/4	- 04-1/4	06-1/4	- 06-1/4	08-1/2	- 08-1/2	10-5/8	- 10-5/8	12-5/8	- 12-5/8
2 PORT	02-1/8	- 02-1/8	04-1/4	- 04-1/4	06-1/4	- 06-1/4	08-1/2	- 08-1/2	10-5/8	- 10-5/8	12-3/4	- 12-3/4
2 STBD	02-1/8	- 02-1/8	04-1/4	- 04-1/4	06-1/4	- 06-1/4	08-1/2	- 08-1/2	10-5/8	- 10-5/8	12-3/4	- 12-3/4
3 PORT	02-1/8	- 02-1/8	04-1/4	- 04-1/4	06-3/8	- 06-3/8	08-1/2	- 08-1/2	10-1/2	- 10-1/2	12-5/8	- 12-5/8
3 STBD	02-1/8	- 02-1/8	04-1/4	- 04-1/4	06-3/8	- 06-3/8	08-1/2	- 08-1/2	10-1/2	- 10-1/2	12-5/8	- 12-5/8

(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 1 PORT IS - 04-1/4"
FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 3'-07 3/4"

LENGTH BETWEEN DRAFT MARKS: 237'-09"

May 20, 2016

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

<http://www.pmacorp.net>



HSM 3144 FORMERLY
BARGE "EBL 2974"

1 PORT
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		GAUGE HEIGHT 17'-01 3/4"	
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	2.23	0	201.06	0	601.41	0	901.76	0	1202.11	0	1502.46	0	1802.81	0	2103.16	0	2403.51	0	2703.86	0	3004.21
1	4.10	1	207.72	1	608.07	1	908.42	1	1208.77	1	1509.12	1	1809.47	1	2109.82	1	2410.17	1	2710.52	1	3010.87
2	6.00	2	214.38	2	614.73	2	915.08	2	1215.43	2	1515.78	2	1816.13	2	2116.48	2	2416.83	2	2717.18	2	3017.53
3	7.90	3	221.04	3	621.39	3	921.74	3	1222.09	3	1522.44	3	1822.79	3	2123.14	3	2423.49	3	2723.84	3	3024.19
4	9.80	4	227.70	4	628.05	4	928.40	4	1228.75	4	1529.10	4	1829.45	4	2129.80	4	2430.15	4	2730.50	4	3030.85
5	11.70	5	234.36	5	634.71	5	935.06	5	1235.41	5	1535.76	5	1836.11	5	2136.46	5	2436.81	5	2737.16	5	3037.51
6	13.60	6	241.02	6	641.37	6	941.72	6	1242.07	6	1542.42	6	1842.77	6	2143.12	6	2443.47	6	2743.82	6	3044.17
7	15.50	7	247.68	7	648.03	7	948.38	7	1248.73	7	1549.08	7	1849.43	7	2149.78	7	2450.13	7	2750.48	7	3050.83
8	17.40	8	254.34	8	654.69	8	955.04	8	1255.39	8	1555.74	8	1856.09	8	2156.44	8	2456.79	8	2757.14	8	3057.49
9	19.30	9	261.00	9	661.35	9	961.70	9	1262.05	9	1562.40	9	1862.75	9	2163.10	9	2463.45	9	2763.80	9	3064.15
10	21.20	10	267.66	10	668.01	10	968.36	10	1268.71	10	1569.06	10	1869.41	10	2169.76	10	2470.11	10	2770.46	10	3070.81
11	23.10	11	274.32	11	674.67	11	975.02	11	1275.37	11	1575.72	11	1876.07	11	2176.42	11	2476.77	11	2777.12	11	3077.47
12	25.00	12	280.98	12	681.33	12	981.68	12	1282.03	12	1582.38	12	1882.73	12	2183.08	12	2483.43	12	2783.78	12	3084.13
13	26.90	13	287.64	13	688.00	13	988.35	13	1288.70	13	1589.05	13	1889.40	13	2189.75	13	2490.10	13	2790.45	13	3090.80
14	28.80	14	294.30	14	694.66	14	994.71	14	1295.06	14	1595.41	14	1895.76	14	2196.11	14	2496.46	14	2796.81	14	3097.16
15	30.70	15	300.96	15	701.32	15	1001.67	15	1302.02	15	1602.37	15	1902.72	15	2203.07	15	2503.42	15	2803.77	15	3104.12
16	32.60	16	307.62	16	707.98	16	1008.33	16	1308.68	16	1609.03	16	1909.38	16	2209.73	16	2510.08	16	2810.43	16	3110.78
17	34.50	17	314.28	17	714.64	17	1015.00	17	1315.35	17	1615.70	17	1916.05	17	2216.40	17	2516.75	17	2817.10	17	3117.45
18	36.40	18	320.94	18	721.30	18	1021.66	18	1321.91	18	1622.26	18	1922.61	18	2222.96	18	2523.31	18	2823.66	18	3124.01
19	38.30	19	327.60	19	727.96	19	1028.32	19	1328.67	19	1629.02	19	1929.37	19	2229.72	19	2530.07	19	2830.42	19	3129.77
20	40.20	20	334.26	20	734.62	20	1034.98	20	1335.33	20	1635.68	20	1936.03	20	2236.38	20	2536.73	20	2837.08	20	3136.43
21	42.10	21	340.92	21	741.28	21	1041.64	21	1341.99	21	1642.34	21	1942.69	21	2243.04	21	2543.39	21	2843.74	21	3142.09
22	44.00	22	347.58	22	747.94	22	1048.30	22	1348.65	22	1649.00	22	1949.35	22	2249.70	22	2550.05	22	2850.40	22	3148.75
23	45.90	23	354.24	23	754.60	23	1054.96	23	1355.31	23	1655.66	23	1956.01	23	2256.36	23	2560.71	23	2861.06	23	3155.41
24	47.80	24	360.90	24	761.26	24	1061.62	24	1361.97	24	1662.32	24	1962.67	24	2263.02	24	2567.37	24	2867.72	24	3162.07
25	49.70	25	367.56	25	767.92	25	1068.28	25	1368.63	25	1668.98	25	1969.33	25	2269.68	25	2574.03	25	2874.38	25	3168.73
26	51.60	26	374.22	26	774.58	26	1074.94	26	1375.29	26	1675.64	26	1975.99	26	2276.34	26	2580.69	26	2881.04	26	3175.39
27	53.50	27	380.88	27	781.24	27	1081.60	27	1381.95	27	1682.30	27	1982.65	27	2282.70	27	2587.05	27	2887.40	27	3182.05
28	55.40	28	387.54	28	787.90	28	1088.26	28	1388.61	28	1688.96	28	1989.31	28	2289.06	28	2593.41	28	2893.76	28	3188.71
29	57.30	29	394.20	29	794.56	29	1094.92	29	1395.27	29	1695.62	29	1995.97	29	2295.32	29	2600.67	29	2901.02	29	3195.37
30	59.20	30	400.86	30	801.22	30	1101.58	30	1401.93	30	1702.28	30	2002.63	30	2303.08	30	2607.43	30	2907.78	30	3202.03
31	61.10	31	407.52	31	807.88	31	1108.24	31	1408.59	31	1709.94	31	2009.29	31	2309.74	31	2614.09	31	2914.14	31	3208.69
32	63.00	32	414.18	32	814.54	32	1114.90	32	1415.25	32	1716.60	32	2015.95	32	2316.40	32	2620.75	32	2920.80	32	3215.25
33	64.90	33	420.84	33	821.20	33	1121.56	33	1421.91	33	1723.26	33	2022.61	33	2322.86	33	2627.35	33	2927.40	33	3221.81
34	66.80	34	427.50	34	827.86	34	1128.22	34	1428.57	34	1729.92	34	2029.27	34	2329.42	34	2634.05	34	2934.10	34	3228.37
35	68.70	35	434.16	35	834.52	35	1134.88	35	1435.23	35	1736.58	35	2035.93	35	2336.08	35	2640.71	35	2940.76	35	3234.93
36	70.60	36	440.82	36	841.18	36	1141.54	36	1441.89	36	1743.24	36	2042.59	36	2342.74	36	2647.37	36	2947.32	36	3241.49
37	72.50	37	447.48	37	847.84	37	1148.20	37	1448.55	37	1749.90	37	2049.25	37	2349.40	37	2654.03	37	2954.08	37	3248.05
38	74.40	38	454.14	38	854.50	38	1154.86	38	1455.21	38	1756.56	38	2055.91	38	2356.06	38	2660.69	38	2960.74	38	3254.61
39	76.30	39	460.80	39	861.16	39	1161.52	39	1461.87	39	1763.22	39	2062.57	39	2362.72	39	2667.35	39	2967.40	39	3261.17
40	78.20	40	467.46	40	867.82	40	1168.18	40	1468.53	40	1769.88	40	2069.23	40	2369.38	40	2674.01	40	2974.06	40	3267.73
41	80.10	41	474.12	41	874.48	41	1174.84	41	1475.19	41	1776.54	41	2075.89	41	2376.04	41	2680.67	41	2980.72	41	3274.29
42	82.00	42	480.78	42	881.14	42	1181.50	42	1481.85	42	1783.20	42	2082.55	42	2382.70	42	2687.33	42	2987.38	42	3280.85
43	83.90	43	487.44	43	887.80	43	1188.16	43	1488.51	43	1789.86	43	2089.21	43	2389.36	43	2694.05	43	2994.03	43	3287.41
44	85.80	44	494.10	44	894.46	44	1194.82	44	1495.17	44	1796.52	44	2095.87	44	2396.02	44	2700.71	44	3000.59	44	3293.97
45	87.70	45	500.76	45	901.12	45	1201.48	45	1501.83	45	1803.18	45	2102.53	45	2402.78	45	2707.35	45	3007.15	45	3300.53
46	89.60	46	507.42	46	907.78	46	1208.14	46	1508.49	46	1809.84	46	2109.19	46	2409.43	46	2713.91	46	3013.71	46	3307.09
47	91.50	47	514.08	47	914.44	47	1214.80	47	1515.15	47	1816.50	47	2115.85	47	2415.69	47	2719.47	47	3020.27	47	3313.65
48	93.40	48	520.74	48	921.10	48	1221.46	48	1521.81	48	1823.16	48	2122.51	48	2421.95	48	2726.03	48	3026.83	48	3320.21
49	95.30	49	527.40	49	927.76	49	1228.12	49	1528.47	49	1829.82	49	2129.17	49	2428.61	49	2732.61	49	3033.41	49	3326.77
50	97.20	50	534.06	50	934.42	50	1234.78	50	1535.13	50	1836.48	50	2135.83	50	2435.26	50	2739.19	50	3040.01	50	3333.33
51	99.10	51	540.72	51	941.08	51	1241.44	51	1541.79	51	1843.14	51	2142.49	51	2441.91	51	2745.73	51	3046.61	51	3339.89
52	101.00	52	547.38	52	947.74	52	1248.10	52	1548.45	52	1849.80	52	2149.15	52	2448.57	52	2751.31	52	3053.21	52	3346.45
53	102.90	53	554.04	53	954.40	53	1254.76	53	1555.11	53	1856.46	53	2155.81	53	2455.23	53	2757.87	53	3059.81	53	3353.01
54	104.80	54	560.70	54	961.06	54	1261.42	54	1561.77	54	1863.12	54	2162.47	54	2461.89	54	2764.43	54	3066.41	54	3359.57
55	106.70	55	567.36	55	967.72	55	1268.08	55	1568.43	55	1869.78	55	2169.13	55	2468.51	55	2770.99	55	3073.01	55	3366.13
56	108.60	56	574.02	56	974.38	56	1274.74	56	1575.09	56	1876.44	56	2175.79	56	2475.17	56	2				



HSM 3144 FORMERLY
BARGE "EBL 2974"

1 PORT
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN 10 FT.		IN 11 FT.		IN 12 FT.		IN 13 FT.		IN 14 FT.		IN 15 FT.		IN 16 FT.		IN 17 FT.		IN 18 FT.		IN 19 FT.	
0	3,494.89	0	3,822.81	0	4,180.83	0	4,526.00	0	4,863.87	0		0		0		0		0	
1	3,472.06	1	3,800.97	1	4,158.09	1	4,503.26	1	4,841.13	1		1		1		1		1	
2	3,449.21	2	3,778.12	2	4,135.24	2	4,480.41	2	4,818.28	2		2		2		2		2	
3	3,426.36	3	3,754.27	3	4,112.39	3	4,457.56	3	4,795.43	3		3		3		3		3	
4	3,403.51	4	3,730.42	4	4,089.54	4	4,434.71	4	4,772.58	4		4		4		4		4	
5	3,380.66	5	3,706.57	5	4,066.69	5	4,411.86	5	4,749.73	5		5		5		5		5	
6	3,357.81	6	3,682.72	6	4,043.84	6	4,389.01	6	4,726.88	6		6		6		6		6	
7	3,334.96	7	3,658.87	7	4,020.99	7	4,366.16	7	4,704.03	7		7		7		7		7	
8	3,312.11	8	3,635.02	8	3,998.14	8	4,343.31	8	4,681.18	8		8		8		8		8	
9	3,289.26	9	3,611.17	9	3,975.29	9	4,320.46	9	4,658.33	9		9		9		9		9	
10	3,266.41	10	3,587.32	10	3,952.44	10	4,297.61	10	4,635.48	10		10		10		10		10	
11	3,243.56	11	3,563.47	11	3,929.59	11	4,274.76	11	4,612.63	11		11		11		11		11	
12	3,220.71	12	3,539.62	12	3,906.74	12	4,251.91	12	4,589.78	12		12		12		12		12	
13	3,197.86	13	3,515.77	13	3,883.89	13	4,229.06	13	4,566.93	13		13		13		13		13	
14	3,175.01	14	3,491.92	14	3,861.04	14	4,206.21	14	4,544.08	14		14		14		14		14	
15	3,152.16	15	3,468.07	15	3,838.19	15	4,183.36	15	4,521.23	15		15		15		15		15	
16	3,129.31	16	3,444.22	16	3,815.34	16	4,160.51	16	4,498.38	16		16		16		16		16	
17	3,106.46	17	3,420.37	17	3,792.49	17	4,137.66	17	4,475.53	17		17		17		17		17	
18	3,083.61	18	3,396.52	18	3,769.64	18	4,114.81	18	4,452.68	18		18		18		18		18	
19	3,060.76	19	3,372.67	19	3,745.79	19	4,092.96	19	4,429.83	19		19		19		19		19	
20	3,037.91	20	3,348.82	20	3,722.94	20	4,070.11	20	4,406.98	20		20		20		20		20	
21	3,015.06	21	3,324.97	21	3,699.09	21	4,047.26	21	4,384.13	21		21		21		21		21	
22	2,992.21	22	3,301.12	22	3,675.24	22	4,024.41	22	4,361.28	22		22		22		22		22	
23	2,969.36	23	3,277.27	23	3,651.39	23	4,001.56	23	4,338.43	23		23		23		23		23	
24	2,946.51	24	3,253.42	24	3,627.54	24	3,978.71	24	4,315.58	24		24		24		24		24	
25	2,923.66	25	3,229.57	25	3,603.69	25	3,954.86	25	4,292.73	25		25		25		25		25	
26	2,900.81	26	3,205.72	26	3,579.84	26	3,932.01	26	4,269.88	26		26		26		26		26	
27	2,877.96	27	3,181.87	27	3,556.00	27	3,909.16	27	4,247.03	27		27		27		27		27	
28	2,855.11	28	3,158.02	28	3,532.15	28	3,886.31	28	4,224.18	28		28		28		28		28	
29	2,832.26	29	3,134.17	29	3,508.30	29	3,863.46	29	4,201.33	29		29		29		29		29	
30	2,809.41	30	3,110.32	30	3,484.45	30	3,840.61	30	4,178.48	30		30		30		30		30	
31	2,786.56	31	3,086.47	31	3,460.60	31	3,817.76	31	4,155.63	31		31		31		31		31	
32	2,763.71	32	3,062.62	32	3,436.75	32	3,794.91	32	4,132.80	32		32		32		32		32	
33	2,740.86	33	3,038.77	33	3,412.90	33	3,772.06	33	4,109.95	33		33		33		33		33	
34	2,718.01	34	3,014.92	34	3,389.05	34	3,749.21	34	4,087.10	34		34		34		34		34	
35	2,695.16	35	2,991.07	35	3,365.20	35	3,725.36	35	4,064.25	35		35		35		35		35	
36	2,672.31	36	2,967.22	36	3,341.35	36	3,701.51	36	4,041.40	36		36		36		36		36	
37	2,649.46	37	2,943.37	37	3,317.50	37	3,677.66	37	4,018.55	37		37		37		37		37	
38	2,626.61	38	2,919.52	38	3,293.65	38	3,653.81	38	3,995.70	38		38		38		38		38	
39	2,603.76	39	2,895.67	39	3,269.80	39	3,630.96	39	3,972.85	39		39		39		39		39	
40	2,580.91	40	2,871.82	40	3,245.95	40	3,607.11	40	3,949.00	40		40		40		40		40	
41	2,558.06	41	2,847.97	41	3,222.10	41	3,583.26	41	3,925.15	41		41		41		41		41	
42	2,535.21	42	2,824.12	42	3,198.25	42	3,559.41	42	3,901.30	42		42		42		42		42	
43	2,512.36	43	2,800.27	43	3,174.40	43	3,535.56	43	3,877.45	43		43		43		43		43	
44	2,489.51	44	2,776.42	44	3,150.55	44	3,511.71	44	3,853.60	44		44		44		44		44	
45	2,466.66	45	2,752.57	45	3,126.70	45	3,487.86	45	3,829.75	45		45		45		45		45	
46	2,443.81	46	2,728.72	46	3,102.85	46	3,464.01	46	3,805.90	46		46		46		46		46	
47	2,420.96	47	2,704.87	47	3,079.00	47	3,440.16	47	3,782.05	47		47		47		47		47	
48	2,398.11	48	2,681.02	48	3,055.15	48	3,416.31	48	3,758.20	48		48		48		48		48	
49	2,375.26	49	2,657.17	49	3,031.30	49	3,392.46	49	3,734.35	49		49		49		49		49	
50	2,352.41	50	2,633.32	50	3,007.45	50	3,368.61	50	3,710.50	50		50		50		50		50	
51	2,329.56	51	2,609.47	51	2,983.60	51	3,344.76	51	3,686.65	51		51		51		51		51	
52	2,306.71	52	2,585.62	52	2,959.75	52	3,320.91	52	3,662.80	52		52		52		52		52	
53	2,283.86	53	2,561.77	53	2,935.90	53	3,297.06	53	3,638.95	53		53		53		53		53	
54	2,261.01	54	2,537.92	54	2,912.05	54	3,273.21	54	3,615.10	54		54		54		54		54	
55	2,238.16	55	2,514.07	55	2,888.20	55	3,249.36	55	3,591.25	55		55		55		55		55	
56	2,215.31	56	2,490.22	56	2,864.35	56	3,225.51	56	3,567.40	56		56		56		56		56	
57	2,192.46	57	2,466.37	57	2,840.50	57	3,201.66	57	3,543.55	57		57		57		57		57	
58	2,169.61	58	2,442.52	58	2,816.65	58	3,177.81	58	3,519.70	58		58		58		58		58	
59	2,146.76	59	2,418.67	59	2,792.80	59	3,153.96	59	3,495.85	59		59		59		59		59	
60	2,123.91	60	2,394.82	60	2,768.95	60	3,130.11	60	3,472.00	60		60		60		60		60	
61	2,101.06	61	2,370.97	61	2,745.10	61	3,106.26	61	3,448.15	61		61		61		61		61	
62	2,078.21	62	2,347.12	62	2,721.25	62	3,082.41	62	3,424.30	62		62		62		62		62	
63	2,055.36	63	2,323.27	63	2,697.40	63	3,058.56	63	3,400.45	63		63		63		63		63	
64	2,032.51	64	2,299.42	64	2,673.55	64	3,034.71	64	3,376.60	64		64		64		64		64	
65	2,009.66	65	2,275.57	65	2,649.70	65	3,010.86	65	3,352.75	65		65		65		65		65	
66	1,986.81	66	2,251.72	66	2,625.85	66	2,987.01	66	3,328.90	66		66		66		66		66	
67	1,963.96	67	2,227.87	67	2,602.00	67	2,963.16	67	3,305.05	67		67		67		67		67	
68	1,941.11	68	2,204.02	68	2,578.15	68	2,939.31	68	3,281.20	68		68		68		68		68	
69	1,918.26	69	2,180.17	69	2,554.30	69	2,915.46	69	3,257.35	69		69		69		69		69	
70	1,895.41	70	2,156.32	70	2,530.45	70	2,891.61	70	3,233.50	70		70		70		70		70	
71	1,872.56	71	2,132.47	71	2,506.60	71	2,867.76	71	3,209.65	71		71		71		71		71	
72	1,849.71	72	2,108.62	72	2,482.75	72	2,843.91	72	3,185.80	72		72		72		72		72	
73	1,826.86	73	2,084.77	73	2,458.90	73	2,820.06	73	3,161.95	73		73		73		73		73	
74	1,804.01	74	2,060.92	74	2,435.05	74	2,796.21	74	3,138.10	74		74		74		74		74	
75	1,781.16	75	2,037.07	7															

HSM 3144 FORMERLY BARGE "EBL 2974"



1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS												GAUGE HEIGHT 17'-01 1/4"												
IN	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.	10 FT.	IN	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.	IN	
0	2.23	0	281.11	0	601.43	0	980.37	0	1,317.34	0	1,878.68	0	2,033.78	0	2,760.18	0	2,760.18	0	2,760.18	0	2,760.18	0	2,760.18	0
1	4.19	10	287.77	10	608.09	10	984.72	10	1,324.92	10	1,883.01	10	2,041.22	10	2,769.43	10	2,769.43	10	2,769.43	10	2,769.43	10	2,769.43	10
2	6.96	20	574.44	20	1,216.18	20	1,971.44	20	2,532.27	20	3,390.98	20	3,724.84	20	4,938.86	20	4,938.86	20	4,938.86	20	4,938.86	20	4,938.86	20
3	7.23	30	281.10	30	610.36	30	971.11	30	1,323.73	30	1,887.84	30	2,046.16	30	2,772.57	30	2,772.57	30	2,772.57	30	2,772.57	30	2,772.57	30
4	9.80	1	287.77	1	608.09	1	984.06	1	1,327.19	1	1,705.40	1	2,043.51	1	2,421.82	1	2,421.82	1	2,421.82	1	2,421.82	1	2,421.82	1
5	12.81	10	538.74	10	894.51	10	1,354.65	10	1,712.96	10	2,172.06	10	2,071.07	10	2,429.28	10	2,429.28	10	2,429.28	10	2,429.28	10	2,429.28	10
6	16.82	20	848.20	20	1,003.97	20	1,362.12	20	1,720.33	20	2,078.54	20	2,436.76	20	2,784.96	20	2,784.96	20	2,784.96	20	2,784.96	20	2,784.96	20
7	18.43	30	308.00	30	635.08	30	1,011.42	30	1,369.58	30	1,727.79	30	2,086.00	30	2,444.21	30	2,444.21	30	2,444.21	30	2,444.21	30	2,444.21	30
8	21.36	2	281.10	2	610.36	2	1,018.07	2	1,377.04	2	1,734.35	2	2,093.48	2	2,451.87	2	2,451.87	2	2,451.87	2	2,451.87	2	2,451.87	2
9	25.35	10	538.74	10	894.51	10	1,028.33	10	1,384.46	10	1,742.71	10	2,100.32	10	2,459.13	10	2,459.13	10	2,459.13	10	2,459.13	10	2,459.13	10
10	28.35	20	848.20	20	1,003.97	20	1,033.78	20	1,391.37	20	1,750.18	20	2,108.30	20	2,468.50	20	2,468.50	20	2,468.50	20	2,468.50	20	2,468.50	20
11	33.36	30	328.22	30	661.34	30	1,041.34	30	1,399.43	30	1,761.64	30	2,116.58	30	2,477.48	30	2,477.48	30	2,477.48	30	2,477.48	30	2,477.48	30
12	37.36	40	342.68	40	680.97	40	1,048.70	40	1,408.98	40	1,765.19	40	2,123.31	40	2,481.82	40	2,481.82	40	2,481.82	40	2,481.82	40	2,481.82	40
13	42.83	1	608.09	1	1,048.70	1	1,048.70	1	1,414.36	1	1,772.58	1	2,130.77	1	2,489.98	1	2,489.98	1	2,489.98	1	2,489.98	1	2,489.98	1
14	48.32	10	848.20	10	1,063.82	10	1,063.82	10	1,431.82	10	1,780.03	10	2,138.34	10	2,498.48	10	2,498.48	10	2,498.48	10	2,498.48	10	2,498.48	10
15	53.80	20	361.74	20	1,071.07	20	1,071.07	20	1,439.28	20	1,787.49	20	2,145.70	20	2,503.91	20	2,503.91	20	2,503.91	20	2,503.91	20	2,503.91	20
16	58.28	30	569.64	30	1,078.53	30	1,078.53	30	1,439.74	30	1,787.95	30	2,146.16	30	2,504.37	30	2,504.37	30	2,504.37	30	2,504.37	30	2,504.37	30
17	64.31	40	376.62	40	1,086.00	40	1,086.00	40	1,444.21	40	1,802.42	40	2,146.16	40	2,504.37	40	2,504.37	40	2,504.37	40	2,504.37	40	2,504.37	40
18	71.34	1	737.57	1	1,093.48	1	1,093.48	1	1,444.21	1	1,802.42	1	2,146.16	1	2,504.37	1	2,504.37	1	2,504.37	1	2,504.37	1	2,504.37	1
19	77.37	10	590.56	10	1,100.82	10	1,100.82	10	1,444.21	10	1,802.42	10	2,146.16	10	2,504.37	10	2,504.37	10	2,504.37	10	2,504.37	10	2,504.37	10
20	83.40	20	742.21	20	1,108.38	20	1,108.38	20	1,444.21	20	1,802.42	20	2,146.16	20	2,504.37	20	2,504.37	20	2,504.37	20	2,504.37	20	2,504.37	20
21	88.81	30	387.84	30	1,118.06	30	1,118.06	30	1,444.21	30	1,802.42	30	2,146.16	30	2,504.37	30	2,504.37	30	2,504.37	30	2,504.37	30	2,504.37	30
22	94.63	40	404.99	40	1,123.31	40	1,123.31	40	1,444.21	40	1,802.42	40	2,146.16	40	2,504.37	40	2,504.37	40	2,504.37	40	2,504.37	40	2,504.37	40
23	101.74	1	775.04	1	1,130.77	1	1,130.77	1	1,444.21	1	1,802.42	1	2,146.16	1	2,504.37	1	2,504.37	1	2,504.37	1	2,504.37	1	2,504.37	1
24	107.28	10	780.50	10	1,130.77	10	1,130.77	10	1,444.21	10	1,802.42	10	2,146.16	10	2,504.37	10	2,504.37	10	2,504.37	10	2,504.37	10	2,504.37	10
25	114.04	20	432.08	20	1,146.78	20	1,146.78	20	1,444.21	20	1,802.42	20	2,146.16	20	2,504.37	20	2,504.37	20	2,504.37	20	2,504.37	20	2,504.37	20
26	120.23	30	440.03	30	1,153.17	30	1,153.17	30	1,444.21	30	1,802.42	30	2,146.16	30	2,504.37	30	2,504.37	30	2,504.37	30	2,504.37	30	2,504.37	30
27	126.42	40	447.16	40	1,160.82	40	1,160.82	40	1,444.21	40	1,802.42	40	2,146.16	40	2,504.37	40	2,504.37	40	2,504.37	40	2,504.37	40	2,504.37	40
28	132.82	1	464.30	1	1,168.09	1	1,168.09	1	1,444.21	1	1,802.42	1	2,146.16	1	2,504.37	1	2,504.37	1	2,504.37	1	2,504.37	1	2,504.37	1
29	138.89	10	491.82	10	1,178.88	10	1,178.88	10	1,444.21	10	1,802.42	10	2,146.16	10	2,504.37	10	2,504.37	10	2,504.37	10	2,504.37	10	2,504.37	10
30	146.16	20	480.73	20	1,183.01	20	1,183.01	20	1,444.21	20	1,802.42	20	2,146.16	20	2,504.37	20	2,504.37	20	2,504.37	20	2,504.37	20	2,504.37	20
31	151.43	30	473.98	30	1,190.47	30	1,190.47	30	1,444.21	30	1,802.42	30	2,146.16	30	2,504.37	30	2,504.37	30	2,504.37	30	2,504.37	30	2,504.37	30
32	157.71	40	480.09	40	1,197.84	40	1,197.84	40	1,444.21	40	1,802.42	40	2,146.16	40	2,504.37	40	2,504.37	40	2,504.37	40	2,504.37	40	2,504.37	40
33	164.06	1	480.46	1	1,205.40	1	1,205.40	1	1,444.21	1	1,802.42	1	2,146.16	1	2,504.37	1	2,504.37	1	2,504.37	1	2,504.37	1	2,504.37	1
34	170.48	10	497.78	10	1,212.86	10	1,212.86	10	1,444.21	10	1,802.42	10	2,146.16	10	2,504.37	10	2,504.37	10	2,504.37	10	2,504.37	10	2,504.37	10
35	176.74	20	505.06	20	1,220.33	20	1,220.33	20	1,444.21	20	1,802.42	20	2,146.16	20	2,504.37	20	2,504.37	20	2,504.37	20	2,504.37	20	2,504.37	20
36	183.09	30	512.36	30	1,227.79	30	1,227.79	30	1,444.21	30	1,802.42	30	2,146.16	30	2,504.37	30	2,504.37	30	2,504.37	30	2,504.37	30	2,504.37	30
37	189.51	40	519.72	40	1,235.25	40	1,235.25	40	1,444.21	40	1,802.42	40	2,146.16	40	2,504.37	40	2,504.37	40	2,504.37	40	2,504.37	40	2,504.37	40
38	195.93	1	527.09	1	1,242.71	1	1,242.71	1	1,444.21	1	1,802.42	1	2,146.16	1	2,504.37	1	2,504.37	1	2,504.37	1	2,504.37	1	2,504.37	1
39	202.35	10	534.46	10	1,250.18	10	1,250.18	10	1,444.21	10	1,802.42	10	2,146.16	10	2,504.37	10	2,504.37	10	2,504.37	10	2,504.37	10	2,504.37	10
40	208.77	20	541.83	20	1,257.64	20	1,257.64	20	1,444.21	20	1,802.42	20	2,146.16	20	2,504.37	20	2,504.37	20	2,504.37	20	2,504.37	20	2,504.37	20
41	215.17	30	549.27	30	1,265.10	30	1,265.10	30	1,444.21	30	1,802.42	30	2,146.16	30	2,504.37	30	2,504.37	30	2,504.37	30	2,504.37	30	2,504.37	30
42	221.77	40	546.70	40	1,272.56	40	1,272.56	40	1,444.21	40	1,802.42	40	2,146.16	40	2,504.37	40	2,504.37	40	2,504.37	40	2,504.37	40	2,504.37	40
43	228.37	1	549.47	1	1,280.03	1	1,280.03	1	1,444.21	1	1,802.42	1	2,146.16	1	2,504.37	1	2,504.37	1	2,504.					

HSM 3144 FORMERLY

BARGE "EBL 2974"

1 STBD

INNAGE TABLE



CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.	IN	20 FT.
0	3,464.28	0	3,524.39	0	4,022.31	0	4,520.87	0	5,019.34	0	5,517.62	0	6,015.71	0	6,513.61	0	7,011.31	0	7,508.81	0	8,006.11
1	3,473.76	1	3,533.78	1	4,031.77	1	4,530.33	1	5,028.80	1	5,527.08	1	6,025.17	1	6,523.07	1	7,020.77	1	7,518.27	1	8,015.57
2	3,483.24	2	3,543.26	2	4,041.25	2	4,539.81	2	5,038.28	2	5,536.56	2	6,034.65	2	6,532.55	2	7,029.25	2	7,526.75	2	8,024.05
3	3,492.72	3	3,552.74	3	4,050.73	3	4,549.29	3	5,047.76	3	5,546.04	3	6,043.13	3	6,541.03	3	7,037.73	3	7,535.23	3	8,032.53
4	3,502.20	4	3,562.22	4	4,060.21	4	4,558.77	4	5,057.24	4	5,555.52	4	6,052.61	4	6,550.51	4	7,047.21	4	7,544.71	4	8,042.01
5	3,511.68	5	3,571.70	5	4,069.69	5	4,568.25	5	5,066.78	5	5,565.06	5	6,061.15	5	6,559.05	5	7,054.65	5	7,552.15	5	8,049.45
6	3,521.16	6	3,581.18	6	4,079.17	6	4,577.73	6	5,076.26	6	5,574.54	6	6,069.63	6	6,567.53	6	7,064.23	6	7,561.73	6	8,058.93
7	3,530.64	7	3,590.66	7	4,088.65	7	4,587.21	7	5,085.70	7	5,583.98	7	6,078.07	7	6,575.97	7	7,070.57	7	7,568.07	7	8,068.41
8	3,540.12	8	3,600.14	8	4,098.13	8	4,596.69	8	5,094.78	8	5,593.06	8	6,086.15	8	6,584.05	8	7,080.65	8	7,577.55	8	8,077.89
9	3,549.60	9	3,609.62	9	4,107.61	9	4,606.17	9	5,103.76	9	5,602.04	9	6,093.23	9	6,591.13	9	7,090.73	9	7,587.03	9	8,087.37
10	3,559.08	10	3,619.10	10	4,117.09	10	4,615.65	10	5,113.74	10	5,612.02	10	6,103.11	10	6,600.01	10	7,100.61	10	7,596.51	10	8,096.85
11	3,568.56	11	3,628.58	11	4,126.57	11	4,625.13	11	5,123.23	11	5,620.50	11	6,110.59	11	6,608.49	11	7,110.11	11	7,606.01	11	8,106.33
12	3,578.04	12	3,638.06	12	4,136.05	12	4,634.61	12	5,133.32	12	5,630.58	12	6,120.67	12	6,617.57	12	7,120.19	12	7,615.51	12	8,115.81
13	3,587.52	13	3,647.54	13	4,145.53	13	4,644.09	13	5,143.42	13	5,640.66	13	6,130.75	13	6,627.65	13	7,130.71	13	7,625.51	13	8,125.29
14	3,596.99	14	3,657.01	14	4,155.01	14	4,653.57	14	5,153.51	14	5,650.78	14	6,140.83	14	6,637.73	14	7,140.73	14	7,635.51	14	8,134.77
15	3,606.47	15	3,666.49	15	4,164.49	15	4,663.05	15	5,163.60	15	5,660.86	15	6,150.91	15	6,647.81	15	7,150.69	15	7,645.51	15	8,144.25
16	3,615.95	16	3,675.97	16	4,173.97	16	4,672.53	16	5,173.69	16	5,670.80	16	6,160.99	16	6,657.85	16	7,160.65	16	7,655.51	16	8,153.73
17	3,625.43	17	3,685.45	17	4,183.45	17	4,682.01	17	5,183.78	17	5,680.94	17	6,171.03	17	6,667.90	17	7,170.61	17	7,665.51	17	8,163.21
18	3,634.91	18	3,694.93	18	4,192.93	18	4,691.49	18	5,193.85	18	5,690.02	18	6,181.11	18	6,677.95	18	7,180.59	18	7,675.51	18	8,172.69
19	3,644.39	19	3,704.41	19	4,202.41	19	4,700.97	19	5,203.92	19	5,702.09	19	6,191.19	19	6,688.01	19	7,190.57	19	7,685.51	19	8,182.17
20	3,653.87	20	3,713.89	20	4,211.89	20	4,710.45	20	5,213.87	20	5,715.04	20	6,203.27	20	6,698.07	20	7,200.55	20	7,695.51	20	8,191.65
21	3,663.35	21	3,723.37	21	4,221.37	21	4,720.93	21	5,223.85	21	5,728.02	21	6,213.75	21	6,708.15	21	7,210.53	21	7,705.51	21	8,201.13
22	3,672.83	22	3,732.85	22	4,230.85	22	4,730.41	22	5,233.87	22	5,739.06	22	6,223.83	22	6,718.21	22	7,220.51	22	7,715.51	22	8,210.61
23	3,682.31	23	3,742.33	23	4,240.33	23	4,740.89	23	5,243.91	23	5,749.10	23	6,233.91	23	6,728.25	23	7,230.49	23	7,725.51	23	8,220.09
24	3,691.79	24	3,751.81	24	4,249.81	24	4,750.37	24	5,253.93	24	5,759.14	24	6,243.93	24	6,738.29	24	7,240.47	24	7,735.51	24	8,229.57
25	3,701.27	25	3,761.29	25	4,259.29	25	4,760.81	25	5,263.95	25	5,769.16	25	6,253.95	25	6,748.33	25	7,250.45	25	7,745.51	25	8,239.05
26	3,710.75	26	3,770.77	26	4,268.77	26	4,770.29	26	5,273.97	26	5,779.18	26	6,263.97	26	6,758.37	26	7,260.43	26	7,755.51	26	8,248.53
27	3,720.23	27	3,780.25	27	4,278.25	27	4,780.81	27	5,283.99	27	5,789.19	27	6,273.99	27	6,768.41	27	7,270.41	27	7,765.51	27	8,258.01
28	3,729.71	28	3,789.73	28	4,287.73	28	4,790.33	28	5,293.01	28	5,799.20	28	6,283.99	28	6,778.45	28	7,280.39	28	7,775.51	28	8,267.49
29	3,739.19	29	3,799.21	29	4,297.21	29	4,800.85	29	5,303.03	29	5,809.22	29	6,293.99	29	6,788.49	29	7,290.37	29	7,785.51	29	8,276.97
30	3,748.67	30	3,808.69	30	4,306.69	30	4,810.37	30	5,313.05	30	5,819.24	30	6,303.99	30	6,798.53	30	7,300.35	30	7,795.51	30	8,286.45
31	3,758.15	31	3,818.17	31	4,316.17	31	4,820.41	31	5,323.07	31	5,830.26	31	6,313.99	31	6,808.57	31	7,310.33	31	7,805.51	31	8,295.93
32	3,767.63	32	3,827.65	32	4,325.65	32	4,830.89	32	5,333.15	32	5,840.49	32	6,323.99	32	6,818.61	32	7,320.31	32	7,815.51	32	8,305.41
33	3,777.11	33	3,837.13	33	4,335.13	33	4,840.41	33	5,343.23	33	5,850.68	33	6,333.99	33	6,828.65	33	7,330.29	33	7,825.51	33	8,314.89
34	3,786.59	34	3,846.61	34	4,344.61	34	4,850.85	34	5,353.31	34	5,860.76	34	6,343.99	34	6,838.71	34	7,340.25	34	7,835.51	34	8,324.37
35	3,796.07	35	3,856.09	35	4,354.09	35	4,860.93	35	5,363.39	35	5,870.83	35	6,353.99	35	6,848.79	35	7,350.21	35	7,845.51	35	8,333.85
36	3,805.55	36	3,865.57	36	4,363.57	36	4,871.01	36	5,373.47	36	5,880.91	36	6,363.99	36	6,858.85	36	7,360.19	36	7,855.51	36	8,343.33
37	3,815.03	37	3,875.05	37	4,373.05	37	4,881.19	37	5,383.55	37	5,891.01	37	6,373.99	37	6,868.91	37	7,370.17	37	7,865.51	37	8,352.81
38	3,824.51	38	3,884.53	38	4,382.53	38	4,891.47	38	5,393.63	38	5,901.19	38	6,383.99	38	6,879.01	38	7,380.15	38	7,875.51	38	8,362.29
39	3,833.99	39	3,893.99	39	4,392.99	39	4,901.75	39	5,403.71	39	5,911.27	39	6,393.99	39	6,889.09	39	7,390.13	39	7,885.51	39	8,371.77
40	3,843.47	40	3,903.47	40	4,402.47	40	4,912.03	40	5,413.79	40	5,921.33	40	6,403.99	40	6,899.17	40	7,400.11	40	7,895.51	40	8,381.25
41	3,852.95	41	3,912.95	41	4,411.95	41	4,922.29	41	5,423.87	41	5,931.41	41	6,413.99	41	6,909.25	41	7,410.09	41	7,905.51	41	8,390.73
42	3,862.43	42	3,922.43	42	4,421.43	42	4,932.57	42	5,433.95	42	5,941.49	42	6,423.99	42	6,919.33	42	7,420.07	42	7,915.51	42	8,400.21
43	3,871.91	43	3,931.91	43	4,430.91	43	4,942.85	43	5,444.03	43	5,951.57	43	6,433.99	43	6,929.41	43	7,430.05	43	7,925.51	43	8,409.69
44	3,881.39	44	3,941.39	44	4,440.39	44	4,953.01	44	5,454.11	44	5,961.65	44	6,443.99	44	6,939.49	44	7,440.03	44	7,935.51	44	8,419.17
45	3,890.87	45	3,950.87	45	4,449.87	45	4,963.17	45	5,464.19	45	5,971.73	45	6,453.99	45	6,949.57	45	7,450.01	45	7,945.51	45	8,428.65
46	3,900.35	46	3,960.35	46	4,459.35	46	4,973.33	46	5,474.27	46	5,981.81	46	6,463.99	46	6,959.65	46	7,460.01	46	7,955.51	46	8,438.13
47	3,909.83	47	3,969.83	47	4,468.83	47	4,983.49	47	5,484.35	47	5,991.89	47	6,473.99	47	6,969.73	47	7,470.01	47	7,965.51	47	8,447.61
48	3,919.31	48	3,979.31	48	4,478.31	48	4,993.65	48	5,494.43	48	6,001.97	48	6,483.99	48	6,979.81	48	7,480.01	48	7,975.51	48	8,457.09
49	3,928.79	49	3,988.79	49	4,487.79	49	5,003.81	49	5,504.51	49	6,012.09	49	6,493.99	49	6,989.89	49	7,490.01	49	7,985.51	49	8,466.57
50	3,938.27	50	3,998.27	50	4,497.27	50	5,013.97	50	5,514.59	50	6,022.17	50	6,503.99	50	7,000.01	50	7,500.01	50	7,995.51	50	8,476.05

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/20/2016 CL

CALCULATED: 05/20/2016 CL

HSM 3144 FORMERLY BARGE "EBL 2974"

2 PORT INNAGE TABLE



CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS																								GAUGE HEIGHT 17'-00" 3/4"											
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN											
0	234	0	314.08	0	873.83	0	1,024.81	0	1,377.44	0	1,730.83	0	2,084.00	0	2,437.17	0	2,790.34	0	3,143.51	0	3,496.68	0	3,849.85	0	4,203.02										
1	4.11	1	322.03	1	881.11	1	1,032.09	1	1,384.72	1	1,737.35	1	2,090.00	1	2,442.63	1	2,795.26	1	3,147.89	1	3,500.52	1	3,853.15	1	4,206.29										
2	8.22	2	339.82	2	898.90	2	1,049.88	2	1,402.51	2	1,755.14	2	2,107.81	2	2,460.44	2	2,813.07	2	3,165.70	2	3,518.33	2	3,870.96	2	4,223.59										
3	12.33	3	357.00	3	916.08	3	1,066.87	3	1,419.50	3	1,772.13	3	2,124.80	3	2,477.43	3	2,830.06	3	3,182.69	3	3,535.32	3	3,887.95	3	4,240.57										
4	16.44	4	364.48	4	933.56	4	1,083.85	4	1,437.08	4	1,789.71	4	2,142.34	4	2,494.97	4	2,847.60	4	3,200.23	4	3,552.86	4	3,905.49	4	4,257.11										
5	20.55	5	371.96	5	951.03	5	1,100.93	5	1,454.60	5	1,807.23	5	2,160.46	5	2,513.09	5	2,865.72	5	3,218.35	5	3,570.98	5	3,923.61	5	4,274.17										
6	24.66	6	379.44	6	968.51	6	1,118.02	6	1,471.68	6	1,824.31	6	2,177.94	6	2,530.57	6	2,883.20	6	3,235.82	6	3,588.45	6	3,941.08	6	4,289.25										
7	28.77	7	386.92	7	985.59	7	1,135.11	7	1,489.76	7	1,842.39	7	2,195.02	7	2,547.65	7	2,899.28	7	3,251.91	7	3,604.54	7	3,957.17	7	4,306.33										
8	32.88	8	394.40	8	1,002.67	8	1,152.20	8	1,505.85	8	1,858.98	8	2,210.15	8	2,562.78	8	2,915.41	8	3,268.04	8	3,620.67	8	3,973.30	8	4,331.41										
9	36.99	9	401.88	9	1,019.75	9	1,169.29	9	1,523.00	9	1,876.13	9	2,225.28	9	2,577.91	9	2,930.54	9	3,283.17	9	3,635.80	9	3,988.43	9	4,356.49										
10	41.10	10	419.36	10	1,036.83	10	1,186.37	10	1,540.12	10	1,893.26	10	2,240.39	10	2,593.02	10	2,945.65	10	3,298.28	10	3,649.91	10	3,999.56	10	4,381.57										
11	45.21	11	426.84	11	1,053.91	11	1,203.45	11	1,557.20	11	1,910.34	11	2,255.61	11	2,608.24	11	2,960.87	11	3,313.50	11	3,665.13	11	4,004.70	11	4,406.65										
12	49.32	12	434.32	12	1,070.99	12	1,220.53	12	1,574.28	12	1,927.42	12	2,270.73	12	2,623.36	12	2,975.99	12	3,328.62	12	3,680.19	12	4,019.78	12	4,431.73										
13	53.43	13	441.80	13	1,088.07	13	1,238.65	13	1,592.40	13	1,944.48	13	2,286.85	13	2,639.48	13	3,000.11	13	3,352.74	13	3,705.37	13	4,034.86	13	4,456.81										
14	57.54	14	449.28	14	1,105.15	14	1,256.73	14	1,610.48	14	1,962.56	14	2,302.97	14	2,655.60	14	3,016.23	14	3,369.36	14	3,721.99	14	4,059.95	14	4,481.89										
15	61.65	15	456.76	15	1,122.23	15	1,274.81	15	1,628.56	15	1,980.64	15	2,319.09	15	2,672.72	15	3,031.35	15	3,384.91	15	3,741.57	15	4,085.03	15	4,506.93										
16	65.76	16	464.24	16	1,139.31	16	1,292.89	16	1,646.64	16	1,998.72	16	2,337.17	16	2,690.80	16	3,046.41	16	3,400.96	16	3,757.63	16	4,110.11	16	4,532.01										
17	69.87	17	471.72	17	1,156.39	17	1,310.97	17	1,664.72	17	2,016.80	17	2,355.25	17	2,703.83	17	3,057.43	17	3,411.98	17	3,768.09	17	4,135.15	17	4,557.09										
18	73.98	18	479.20	18	1,173.47	18	1,328.05	18	1,682.80	18	2,034.88	18	2,374.29	18	2,721.87	18	3,072.47	18	3,427.52	18	3,783.63	18	4,160.23	18	4,582.17										
19	78.09	19	486.68	19	1,190.55	19	1,346.13	19	1,700.88	19	2,054.96	19	2,394.37	19	2,741.95	19	3,092.55	19	3,447.60	19	3,803.71	19	4,185.29	19	4,607.21										
20	82.20	20	494.16	20	1,207.63	20	1,364.21	20	1,718.96	20	2,073.04	20	2,413.49	20	2,759.07	20	3,108.65	20	3,463.70	20	3,819.81	20	4,210.37	20	4,632.25										
21	86.31	21	501.64	21	1,224.71	21	1,382.29	21	1,737.04	21	2,091.12	21	2,431.61	21	2,777.19	21	3,124.23	21	3,479.28	21	3,834.33	21	4,235.41	21	4,657.29										
22	90.42	22	509.12	22	1,241.79	22	1,400.37	22	1,755.12	22	2,109.20	22	2,449.69	22	2,795.27	22	3,140.81	22	3,495.86	22	3,850.91	22	4,260.49	22	4,682.33										
23	94.53	23	516.60	23	1,258.85	23	1,418.45	23	1,773.20	23	2,127.28	23	2,467.77	23	2,813.35	23	3,156.89	23	3,511.94	23	3,867.00	23	4,285.57	23	4,707.37										
24	98.64	24	524.08	24	1,275.93	24	1,436.53	24	1,791.28	24	2,145.36	24	2,485.85	24	2,831.93	24	3,174.01	24	3,529.06	24	3,884.11	24	4,310.65	24	4,732.45										
25	102.75	25	531.56	25	1,293.01	25	1,454.61	25	1,809.36	25	2,163.44	25	2,503.93	25	2,849.51	25	3,192.09	25	3,547.14	25	3,902.22	25	4,335.73	25	4,757.53										
26	106.86	26	539.04	26	1,310.09	26	1,472.69	26	1,827.44	26	2,181.52	26	2,522.01	26	2,867.59	26	3,210.17	26	3,565.22	26	3,919.30	26	4,360.81	26	4,782.61										
27	110.97	27	546.52	27	1,327.17	27	1,490.77	27	1,845.52	27	2,200.60	27	2,540.09	27	2,886.17	27	3,228.25	27	3,583.34	27	3,937.38	27	4,385.89	27	4,807.69										
28	115.08	28	554.00	28	1,344.25	28	1,508.85	28	1,863.60	28	2,218.68	28	2,558.17	28	2,904.25	28	3,246.33	28	3,601.42	28	3,954.46	28	4,412.97	28	4,832.77										
29	119.19	29	561.48	29	1,361.33	29	1,526.93	29	1,881.68	29	2,236.76	29	2,576.25	29	2,922.33	29	3,264.41	29	3,619.50	29	3,971.54	29	4,438.05	29	4,857.85										
30	123.30	30	568.96	30	1,378.41	30	1,545.01	30	1,900.76	30	2,254.84	30	2,594.33	30	2,940.41	30	3,282.49	30	3,637.58	30	3,998.62	30	4,463.13	30	4,882.93										
31	127.41	31	576.44	31	1,395.49	31	1,563.09	31	1,918.84	31	2,272.92	31	2,612.41	31	2,958.49	31	3,300.57	31	3,657.66	31	4,019.70	31	4,488.21	31	4,908.01										
32	131.52	32	583.92	32	1,412.57	32	1,581.17	32	1,936.92	32	2,291.00	32	2,630.49	32	2,976.57	32	3,318.65	32	3,675.74	32	4,044.78	32	4,513.29	32	4,933.09										
33	135.63	33	591.40	33	1,429.65	33	1,599.25	33	1,955.00	33	2,309.08	33	2,648.57	33	2,994.65	33	3,336.73	33	3,693.82	33	4,069.86	33	4,538.37	33	4,958.17										
34	139.74	34	598.88	34	1,446.73	34	1,617.33	34	1,973.08	34	2,327.16	34	2,666.65	34	3,012.73	34	3,354.81	34	3,711.90	34	4,094.94	34	4,563.45	34	4,983.25										
35	143.85	35	606.36	35	1,463.81	35	1,635.41	35	1,991.16	35	2,345.24	35	2,684.73	35	3,030.81	35	3,372.89	35	3,737.98	35	4,120.02	35	4,588.53	35	5,008.33										
36	147.96	36	613.84	36	1,481.89	36	1,653.49	36	2,009.24	36	2,363.32	36	2,702.81	36	3,048.89	36	3,390.97	36	3,758.06	36	4,146.10	36	4,613.61	36	5,033.41										
37	152.07	37	621.32	37	1,500.97	37	1,671.57	37	2,027.32	37	2,381.40	37	2,720.89	37	3,066.97	37	3,409.05	37	3,778.14	37	4,171.18	37	4,638.69	37	5,058.49										
38	156.18	38	628.80	38	1,518.05	38	1,689.65	38	2,045.40	38	2,400.48	38	2,738.97	38	3,085.05	38	3,427.13	38	3,798.22	38	4,196.26	38	4,663.77	38	5,083.57										
39	160.29	39	636.28	39	1,536.13	39	1,707.73	39	2,063.48	39	2,418.56	39	2,757.05	39	3,103.13	39	3,445.21	39	3,818.30	39	4,221.34	39	4,688.85	39	5,108.65										
40	164.40	40	643.76	40	1,554.21	40	1,725.81	40	2,081.56	40	2,436.64	40	2,775.13	40	3,121.21	40	3,463.29	40	3,839.38	40	4,246.42	40	4,713.92	40	5,133.73										
41	168.51	41	651.24	41	1,572.29	41	1,743.89	41	2,099.64	41	2,454.72	41	2,793.21	41	3,139.29	41	3,481.37	41	3,859																

HSM 3144 FORMERLY
BARGE "EBL 2974"



2 PORT
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,571.63	0	3,490.82	0	4,240.41	0	4,607.66	0	4,994.20	0		0		0		0		0	
1	3,559.11	1	3,478.00	1	4,228.89	1	4,595.12	1	4,981.62	1		1		1		1		1	
2	3,546.59	2	3,465.47	2	4,217.36	2	4,583.57	2	4,969.04	2		2		2		2		2	
3	3,534.06	3	3,452.94	3	4,205.84	3	4,571.03	3	4,956.51	3		3		3		3		3	
4	3,521.54	4	3,440.42	4	4,194.31	4	4,558.50	4	4,943.98	4		4		4		4		4	
5	3,509.02	5	3,427.89	5	4,182.78	5	4,545.97	5	4,931.45	5		5		5		5		5	
6	3,496.50	6	3,415.37	6	4,171.25	6	4,533.44	6	4,918.92	6		6		6		6		6	
7	3,483.97	7	3,402.84	7	4,159.72	7	4,520.91	7	4,906.39	7		7		7		7		7	
8	3,471.45	8	3,390.32	8	4,148.19	8	4,508.38	8	4,893.86	8		8		8		8		8	
9	3,458.92	9	3,377.79	9	4,136.66	9	4,495.85	9	4,881.33	9		9		9		9		9	
10	3,446.40	10	3,365.27	10	4,125.13	10	4,483.32	10	4,868.80	10		10		10		10		10	
11	3,433.87	11	3,352.74	11	4,113.60	11	4,470.79	11	4,856.27	11		11		11		11		11	
12	3,421.35	12	3,340.22	12	4,102.07	12	4,458.26	12	4,843.74	12		12		12		12		12	
13	3,408.82	13	3,327.69	13	4,090.54	13	4,445.73	13	4,831.21	13		13		13		13		13	
14	3,396.30	14	3,315.17	14	4,078.01	14	4,433.20	14	4,818.68	14		14		14		14		14	
15	3,383.77	15	3,302.64	15	4,066.48	15	4,420.67	15	4,806.15	15		15		15		15		15	
16	3,371.25	16	3,290.12	16	4,054.95	16	4,408.14	16	4,793.62	16		16		16		16		16	
17	3,358.72	17	3,277.59	17	4,043.42	17	4,395.61	17	4,781.09	17		17		17		17		17	
18	3,346.20	18	3,265.07	18	4,031.89	18	4,383.08	18	4,768.56	18		18		18		18		18	
19	3,333.67	19	3,252.54	19	4,020.36	19	4,370.55	19	4,756.03	19		19		19		19		19	
20	3,321.15	20	3,240.02	20	4,008.83	20	4,358.02	20	4,743.50	20		20		20		20		20	
21	3,308.62	21	3,227.49	21	3,997.30	21	4,345.49	21	4,730.97	21		21		21		21		21	
22	3,296.10	22	3,214.97	22	3,985.77	22	4,332.96	22	4,718.44	22		22		22		22		22	
23	3,283.57	23	3,202.44	23	3,974.24	23	4,320.43	23	4,705.91	23		23		23		23		23	
24	3,271.05	24	3,189.92	24	3,962.71	24	4,307.90	24	4,693.38	24		24		24		24		24	
25	3,258.52	25	3,177.39	25	3,951.18	25	4,295.37	25	4,680.85	25		25		25		25		25	
26	3,246.00	26	3,164.86	26	3,939.65	26	4,282.84	26	4,668.32	26		26		26		26		26	
27	3,233.47	27	3,152.33	27	3,928.12	27	4,270.31	27	4,655.79	27		27		27		27		27	
28	3,220.95	28	3,139.80	28	3,916.59	28	4,257.78	28	4,643.26	28		28		28		28		28	
29	3,208.42	29	3,127.27	29	3,905.06	29	4,245.25	29	4,630.73	29		29		29		29		29	
30	3,195.90	30	3,114.74	30	3,893.53	30	4,232.72	30	4,618.20	30		30		30		30		30	
31	3,183.37	31	3,102.21	31	3,881.99	31	4,220.20	31	4,605.67	31		31		31		31		31	
32	3,170.85	32	3,089.68	32	3,870.46	32	4,207.68	32	4,593.14	32		32		32		32		32	
33	3,158.32	33	3,077.15	33	3,858.93	33	4,195.17	33	4,580.61	33		33		33		33		33	
34	3,145.80	34	3,064.62	34	3,847.40	34	4,183.14	34	4,568.08	34		34		34		34		34	
35	3,133.27	35	3,052.09	35	3,835.87	35	4,171.11	35	4,555.55	35		35		35		35		35	
36	3,120.75	36	3,039.56	36	3,824.34	36	4,159.08	36	4,543.02	36		36		36		36		36	
37	3,108.22	37	3,027.03	37	3,812.81	37	4,147.05	37	4,530.49	37		37		37		37		37	
38	3,095.70	38	3,014.50	38	3,801.28	38	4,135.02	38	4,517.96	38		38		38		38		38	
39	3,083.17	39	3,001.97	39	3,789.75	39	4,122.99	39	4,505.43	39		39		39		39		39	
40	3,070.65	40	2,989.44	40	3,778.22	40	4,110.96	40	4,492.90	40		40		40		40		40	
41	3,058.12	41	2,976.91	41	3,766.69	41	4,098.93	41	4,480.37	41		41		41		41		41	
42	3,045.60	42	2,964.38	42	3,755.16	42	4,086.96	42	4,467.84	42		42		42		42		42	
43	3,033.07	43	2,951.85	43	3,743.63	43	4,074.99	43	4,455.31	43		43		43		43		43	
44	3,020.55	44	2,939.32	44	3,732.10	44	4,062.96	44	4,442.78	44		44		44		44		44	
45	3,008.02	45	2,926.79	45	3,720.57	45	4,050.93	45	4,430.25	45		45		45		45		45	
46	2,995.50	46	2,914.26	46	3,709.04	46	4,038.90	46	4,417.72	46		46		46		46		46	
47	2,982.97	47	2,901.73	47	3,697.51	47	4,026.97	47	4,405.19	47		47		47		47		47	
48	2,970.45	48	2,889.20	48	3,685.98	48	4,014.94	48	4,392.66	48		48		48		48		48	
49	2,957.92	49	2,876.67	49	3,674.45	49	4,002.91	49	4,380.13	49		49		49		49		49	
50	2,945.40	50	2,864.14	50	3,662.92	50	3,990.88	50	4,367.60	50		50		50		50		50	
51	2,932.87	51	2,851.61	51	3,651.39	51	3,978.85	51	4,355.07	51		51		51		51		51	
52	2,920.35	52	2,839.08	52	3,639.86	52	3,966.82	52	4,342.54	52		52		52		52		52	
53	2,907.82	53	2,826.55	53	3,628.33	53	3,954.79	53	4,330.01	53		53		53		53		53	
54	2,895.30	54	2,814.02	54	3,616.80	54	3,942.76	54	4,317.48	54		54		54		54		54	
55	2,882.77	55	2,801.49	55	3,605.27	55	3,930.73	55	4,304.95	55		55		55		55		55	
56	2,870.25	56	2,788.96	56	3,593.74	56	3,918.70	56	4,292.42	56		56		56		56		56	
57	2,857.72	57	2,776.43	57	3,582.21	57	3,906.67	57	4,280.89	57		57		57		57		57	
58	2,845.20	58	2,763.90	58	3,570.68	58	3,894.64	58	4,268.36	58		58		58		58		58	
59	2,832.67	59	2,751.37	59	3,559.15	59	3,882.61	59	4,255.83	59		59		59		59		59	
60	2,820.15	60	2,738.84	60	3,547.62	60	3,870.58	60	4,243.30	60		60		60		60		60	
61	2,807.62	61	2,726.31	61	3,536.09	61	3,858.55	61	4,230.77	61		61		61		61		61	
62	2,795.10	62	2,713.78	62	3,524.56	62	3,846.52	62	4,218.24	62		62		62		62		62	
63	2,782.57	63	2,701.25	63	3,513.03	63	3,834.49	63	4,205.71	63		63		63		63		63	
64	2,770.05	64	2,688.72	64	3,501.50	64	3,822.46	64	4,193.18	64		64		64		64		64	
65	2,757.52	65	2,676.19	65	3,490.07	65	3,810.43	65	4,180.65	65		65		65		65		65	
66	2,745.00	66	2,663.66	66	3,478.54	66	3,798.40	66	4,168.12	66		66		66		66		66	
67	2,732.47	67	2,651.13	67	3,467.01	67	3,786.37	67	4,155.59	67		67		67		67		67	
68	2,720.00	68	2,638.60	68	3,455.48	68	3,774.34	68	4,143.06	68		68		68		68		68	
69	2,707.47	69	2,626.07	69	3,443.95	69	3,762.31	69	4,130.53	69		69		69		69		69	
70	2,695.00	70	2,613.54	70	3,432.42	70	3,750.28	70	4,118.00	70		70		70		70		70	
71	2,682.47	71	2,601.01	71	3,420.89	71	3,738.25	71	4,105.47	71		71		71		71		71	
72	2,670.00	72	2,588.48	72	3,409.36	72	3,726.22	72	4,092.94	72		72		72		72		72	
73	2,657.47	73	2,575.95	73	3,397.83	73	3,714.19	73	4,080.41	73		73		73		73		73	
74	2,645.00	74	2,563.42	74	3,386.30	74	3,702.16	74	4,067.88	74		74		74		74		74	
75	2,632.47	75	2,550.89	75	3,374.77	75	3,690.13	75	4,055.35	75	</								

HSM 3144 FORMERLY BARGE "EBL 2974"



2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	8 FT.	7 FT.	8 FT.	9 FT.	10 FT.
0	2.04	214.55	873.83	1,532.37	2,191.33	2,850.29	3,509.25	4,168.21	4,827.17	5,486.13	6,145.09	6,804.05
1	4.11	322.04	881.11	1,539.81	2,198.77	2,857.73	3,516.69	4,175.65	4,834.61	5,493.57	6,152.53	6,811.49
2	8.22	329.53	888.39	1,547.30	2,206.26	2,865.22	3,524.18	4,183.14	4,842.10	5,501.06	6,160.02	6,818.98
3	12.33	337.02	895.67	1,554.79	2,213.75	2,872.71	3,531.67	4,190.63	4,849.59	5,508.55	6,167.51	6,826.47
4	16.44	344.51	902.95	1,562.28	2,221.24	2,880.20	3,539.16	4,198.12	4,857.08	5,516.04	6,174.99	6,833.96
5	20.55	352.00	910.23	1,569.77	2,228.73	2,887.69	3,546.65	4,205.61	4,864.57	5,523.53	6,182.48	6,841.45
6	24.66	359.49	917.51	1,577.26	2,236.22	2,895.18	3,554.14	4,213.10	4,872.06	5,531.02	6,189.97	6,848.94
7	28.77	366.98	924.79	1,584.75	2,243.71	2,902.67	3,561.63	4,220.59	4,879.55	5,538.51	6,197.46	6,856.43
8	32.88	374.47	932.07	1,592.24	2,251.20	2,910.16	3,569.12	4,228.08	4,887.04	5,546.00	6,204.95	6,863.92
9	36.99	381.96	939.35	1,599.73	2,258.69	2,917.65	3,576.61	4,235.57	4,894.53	5,553.49	6,212.44	6,871.41
10	41.10	389.45	946.63	1,607.22	2,266.18	2,925.14	3,584.10	4,243.06	4,902.02	5,560.98	6,219.93	6,878.90
11	45.21	396.94	953.91	1,614.71	2,273.67	2,932.63	3,591.59	4,250.55	4,909.51	5,568.47	6,227.42	6,886.39
12	49.32	404.43	961.19	1,622.20	2,281.16	2,940.12	3,599.08	4,258.04	4,917.00	5,575.96	6,234.91	6,893.88
13	53.43	411.92	968.47	1,629.69	2,288.65	2,947.61	3,606.57	4,265.53	4,924.49	5,583.45	6,242.40	6,901.37
14	57.54	419.41	975.75	1,637.18	2,296.14	2,955.10	3,614.06	4,273.02	4,931.98	5,590.94	6,249.89	6,908.86
15	61.65	426.90	983.03	1,644.67	2,303.63	2,962.59	3,621.55	4,280.51	4,939.47	5,598.43	6,257.38	6,916.35
16	65.76	434.39	990.31	1,652.16	2,311.12	2,970.08	3,629.04	4,288.00	4,946.96	5,605.92	6,264.87	6,923.84
17	69.87	441.88	997.59	1,659.65	2,318.61	2,977.57	3,636.53	4,295.49	4,954.45	5,613.41	6,272.36	6,931.33
18	73.98	449.37	1,004.87	1,667.14	2,326.10	2,985.06	3,644.02	4,303.02	4,961.94	5,620.90	6,279.85	6,938.82
19	78.09	456.86	1,012.15	1,674.63	2,333.59	2,992.55	3,651.51	4,310.51	4,969.43	5,628.39	6,287.34	6,946.31
20	82.20	464.35	1,019.43	1,682.12	2,341.08	2,999.99	3,659.00	4,318.00	4,976.92	5,635.88	6,294.83	6,953.80
21	86.31	471.84	1,026.71	1,689.61	2,348.57	3,007.48	3,666.49	4,325.49	4,984.41	5,643.37	6,302.32	6,961.29
22	90.42	479.33	1,033.99	1,697.10	2,356.06	3,014.97	3,673.98	4,333.02	4,991.90	5,650.86	6,309.81	6,968.78
23	94.53	486.82	1,041.27	1,704.59	2,363.55	3,022.46	3,681.47	4,340.51	4,999.39	5,658.35	6,317.30	6,976.27
24	98.64	494.31	1,048.55	1,712.08	2,371.04	3,030.00	3,688.96	4,348.00	5,006.88	5,665.84	6,324.79	6,983.76
25	102.75	501.80	1,055.83	1,719.57	2,378.53	3,037.49	3,696.45	4,355.49	5,014.37	5,673.33	6,332.28	6,991.25
26	106.86	509.29	1,063.11	1,727.06	2,386.02	3,044.98	3,703.94	4,363.02	5,021.86	5,680.82	6,339.77	6,998.74
27	110.97	516.78	1,070.39	1,734.55	2,393.51	3,052.47	3,711.43	4,370.51	5,029.35	5,688.31	6,347.26	7,006.23
28	115.08	524.27	1,077.67	1,742.04	2,401.00	3,060.00	3,718.92	4,378.00	5,036.84	5,695.80	6,354.75	7,013.72
29	119.19	531.76	1,084.95	1,749.53	2,408.49	3,067.49	3,726.41	4,385.49	5,044.33	5,703.29	6,362.24	7,021.21
30	123.30	539.25	1,092.23	1,757.02	2,416.02	3,075.02	3,733.90	4,393.02	5,051.82	5,710.78	6,369.73	7,028.70
31	127.41	546.74	1,099.51	1,764.51	2,423.51	3,082.51	3,741.39	4,400.51	5,059.31	5,718.27	6,377.22	7,036.19
32	131.52	554.23	1,106.79	1,772.00	2,431.00	3,090.00	3,748.88	4,408.00	5,066.80	5,725.76	6,384.71	7,043.68
33	135.63	561.72	1,114.07	1,779.49	2,438.49	3,097.49	3,756.37	4,415.49	5,074.29	5,733.25	6,392.20	7,051.17
34	139.74	569.21	1,121.35	1,786.98	2,446.02	3,105.02	3,763.86	4,423.02	5,081.78	5,740.74	6,399.69	7,058.66
35	143.85	576.70	1,128.63	1,794.47	2,453.51	3,112.51	3,771.35	4,430.51	5,089.27	5,748.23	6,407.18	7,066.15
36	147.96	584.19	1,135.91	1,801.96	2,461.00	3,120.00	3,778.84	4,438.00	5,096.76	5,755.72	6,414.67	7,073.64
37	152.07	591.68	1,143.19	1,809.45	2,468.49	3,127.49	3,786.33	4,445.49	5,104.25	5,763.21	6,422.16	7,081.13
38	156.18	599.17	1,150.47	1,816.94	2,476.02	3,135.02	3,793.82	4,453.02	5,111.74	5,770.70	6,429.65	7,088.62
39	160.29	606.66	1,157.75	1,824.43	2,483.51	3,142.51	3,801.31	4,460.51	5,119.23	5,778.19	6,437.14	7,096.11
40	164.40	614.15	1,165.03	1,831.92	2,491.00	3,150.00	3,808.80	4,468.00	5,126.72	5,785.68	6,444.63	7,103.60
41	168.51	621.64	1,172.31	1,839.41	2,498.49	3,157.49	3,816.29	4,475.49	5,134.21	5,793.17	6,452.12	7,111.09
42	172.62	629.13	1,179.59	1,846.90	2,506.02	3,165.02	3,823.78	4,483.02	5,141.70	5,800.66	6,459.61	7,118.58
43	176.73	636.62	1,186.87	1,854.39	2,513.51	3,172.51	3,831.27	4,490.51	5,149.19	5,808.15	6,467.10	7,126.07
44	180.84	644.11	1,194.15	1,861.88	2,521.00	3,180.00	3,838.76	4,498.00	5,156.68	5,815.64	6,474.59	7,133.56
45	184.95	651.60	1,201.43	1,869.37	2,528.49	3,187.49	3,846.25	4,505.49	5,164.17	5,823.13	6,482.08	7,141.05
46	189.06	659.09	1,208.71	1,876.86	2,536.02	3,195.02	3,853.74	4,513.02	5,171.66	5,830.62	6,489.57	7,148.54
47	193.17	666.58	1,215.99	1,884.35	2,543.51	3,202.51	3,861.23	4,520.51	5,179.15	5,838.11	6,497.06	7,156.03
48	197.28	674.07	1,223.27	1,891.84	2,551.00	3,210.00	3,868.72	4,528.00	5,186.64	5,845.60	6,504.55	7,163.52
49	201.39	681.56	1,230.55	1,899.33	2,558.49	3,217.49	3,876.21	4,535.49	5,194.13	5,853.09	6,512.04	7,171.01
50	205.50	689.05	1,237.83	1,906.82	2,566.02	3,225.02	3,883.70	4,543.02	5,201.62	5,860.58	6,519.53	7,178.50
51	209.61	696.54	1,245.11	1,914.31	2,573.51	3,232.51	3,891.19	4,550.51	5,209.11	5,868.07	6,527.02	7,185.99
52	213.72	704.03	1,252.39	1,921.80	2,581.00	3,240.00	3,898.68	4,558.00	5,216.60	5,875.56	6,534.51	7,193.48
53	217.83	711.52	1,259.67	1,929.29	2,588.49	3,247.49	3,906.17	4,565.49	5,224.09	5,883.05	6,542.00	7,200.97
54	221.94	719.01	1,266.95	1,936.77	2,596.02	3,255.02	3,913.66	4,573.02	5,231.58	5,890.54	6,549.49	7,208.46
55	226.05	726.50	1,274.23	1,944.26	2,603.51	3,262.51	3,921.15	4,580.51	5,239.07	5,898.03	6,556.98	7,215.95
56	230.16	733.99	1,281.51	1,951.75	2,611.00	3,270.00	3,928.64	4,588.00	5,246.56	5,905.52	6,564.47	7,223.44
57	234.27	741.48	1,288.79	1,959.24	2,618.49	3,277.49	3,936.13	4,595.49	5,254.05	5,913.01	6,571.96	7,230.93
58	238.38	748.97	1,296.07	1,966.73	2,626.02	3,285.02	3,943.62	4,603.02	5,261.54	5,920.50	6,579.45	7,238.42
59	242.49	756.46	1,303.35	1,974.22	2,633.51	3,292.51	3,951.11	4,610.51	5,269.03	5,928.00	6,586.94	7,245.91
60	246.60	763.95	1,310.63	1,981.71	2,641.00	3,300.00	3,958.60	4,618.00	5,276.52	5,935.49	6,594.43	7,253.40
61	250.71	771.44	1,317.91	1,989.20	2,648.49	3,307.49	3,966.09	4,625.49	5,284.01	5,942.98	6,601.92	7,260.89
62	254.82	778.93	1,325.19	1,996.69	2,656.02	3,315.02	3,973.58	4,633.02	5,291.50	5,950.47	6,609.41	7,268.38
63	258.93	786.42	1,332.47	2,004.18	2,663.51	3,322.51	3,981.07	4,640.51	5,299.03	5,957.96	6,616.90	7,275.87
64	263.04	793.91	1,339.75	2,011.67	2,671.00	3,330.00	3,988.56	4,648.00	5,306.52	5,965.45	6,624.39	7,283.36
65	267.15	801.40	1,347.03	2,019.16	2,678.49	3,337.49	3,996.05	4,655.49	5,314.01	5,972.94	6,631.88	7,290.85
66	271.26	808.89	1,354.31	2,026.65	2,686.02	3,345.02	4,003.54	4,663.02	5,321.50	5,980.43	6,639.37	7,298.34
67	275.37	816.38	1,361.59	2,034.14	2,693.51	3,352.51	4,011.03	4,670.51	5,329.03	5,987.92	6,646.86	7,305.83
68	279.48	823.87	1,368.87	2,041.63	2,701.00	3,360.00	4,018.52	4,678.00	5,336.52	5,995.41	6,654.35	7,313.32
69	283.59	831.36	1,376.15	2,049.12	2,708.49	3,367.49	4,026.01	4,685.49	5,344.01	6,002.90	6,661.84	7,320.81
70	287.70	838.85	1,383.43	2,056.61	2,716.02	3,375.02	4,033.50	4,693.02	5,351.50	6,010.39	6,669.33	7,328.30
71	291.81	846.34	1,390.71	2,064.10	2,723.51	3,382.51	4,041.03	4,700.51	5,359.03	6,017.88	6,676.82	7,335.79
72	295.92	853.83	1,397.99	2,071.59	2,731.00	3,390.00	4,048.52	4,708.00	5,366.52	6,025.37	6,684.31	7,343.28
73	300.03	861.32	1,405.27	2,079.08	2,738.4							



HSM 3144 FORMERLY
BARGE "EBL 2974"

2 STBD
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS																		GAUGE HEIGHT 17'-01"	
10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	3,545.83	0	3,904.42	0	4,283.31	0	4,621.86	0	4,978.08	0	5,348.00	0	5,728.00	0	6,112.00	0	6,500.00	0	6,892.00
1	3,553.01	1	3,911.50	1	4,290.79	1	4,629.00	1	4,985.00	1	5,355.00	1	5,735.00	1	6,119.00	1	6,507.00	1	6,899.00
2	3,560.49	2	3,919.38	2	4,300.27	2	4,638.27	2	4,994.27	2	5,364.27	2	5,744.27	2	6,128.27	2	6,516.27	2	6,907.00
3	3,567.96	3	3,926.86	3	4,309.74	3	4,647.54	3	5,003.54	3	5,373.54	3	5,753.54	3	6,137.54	3	6,525.54	3	6,914.00
4	3,575.44	4	3,934.33	4	4,319.22	4	4,656.81	4	5,012.81	4	5,382.81	4	5,762.81	4	6,146.81	4	6,534.81	4	6,922.00
5	3,582.92	5	3,941.81	5	4,328.70	5	4,666.08	5	5,022.08	5	5,391.81	5	5,771.81	5	6,156.08	5	6,543.81	5	6,930.00
6	3,590.39	6	3,949.28	6	4,338.18	6	4,675.35	6	5,031.35	6	5,400.81	6	5,781.35	6	6,165.35	6	6,552.81	6	6,937.00
7	3,597.87	7	3,956.76	7	4,347.66	7	4,684.62	7	5,040.62	7	5,410.35	7	5,790.81	7	6,174.62	7	6,561.35	7	6,944.00
8	3,605.35	8	3,964.24	8	4,357.13	8	4,693.89	8	5,050.13	8	5,419.81	8	5,800.35	8	6,184.13	8	6,570.81	8	6,951.00
9	3,612.82	9	3,971.71	9	4,366.61	9	4,703.16	9	5,059.61	9	5,429.35	9	5,810.35	9	6,193.61	9	6,580.35	9	6,958.00
10	3,620.30	10	3,979.19	10	4,376.08	10	4,712.64	10	5,069.08	10	5,438.81	10	5,819.81	10	6,203.08	10	6,589.81	10	6,965.00
11	3,627.78	11	3,986.67	11	4,385.56	11	4,722.12	11	5,078.56	11	5,448.35	11	5,829.35	11	6,212.56	11	6,599.35	11	6,972.00
12	3,635.25	12	3,994.15	12	4,395.04	12	4,731.60	12	5,088.04	12	5,457.81	12	5,838.81	12	6,222.04	12	6,608.81	12	6,979.00
13	3,642.73	13	4,001.63	13	4,404.51	13	4,741.08	13	5,097.51	13	5,467.35	13	5,848.35	13	6,231.51	13	6,618.35	13	6,986.00
14	3,650.21	14	4,009.10	14	4,413.99	14	4,750.56	14	5,107.08	14	5,476.81	14	5,857.81	14	6,241.08	14	6,627.81	14	6,993.00
15	3,657.68	15	4,016.58	15	4,423.47	15	4,759.83	15	5,116.58	15	5,486.35	15	5,867.35	15	6,250.58	15	6,637.35	15	6,999.00
16	3,665.16	16	4,024.06	16	4,432.94	16	4,769.10	16	5,126.06	16	5,495.81	16	5,876.81	16	6,260.06	16	6,646.81	16	7,006.00
17	3,672.64	17	4,031.53	17	4,442.41	17	4,778.37	17	5,135.53	17	5,505.35	17	5,886.35	17	6,269.53	17	6,656.35	17	7,013.00
18	3,680.12	18	4,039.01	18	4,451.89	18	4,787.64	18	5,145.01	18	5,514.81	18	5,895.81	18	6,279.01	18	6,665.81	18	7,020.00
19	3,687.59	19	4,046.48	19	4,461.36	19	4,796.91	19	5,154.48	19	5,524.35	19	5,905.35	19	6,288.48	19	6,675.35	19	7,027.00
20	3,695.07	20	4,053.96	20	4,470.84	20	4,806.18	20	5,163.96	20	5,533.81	20	5,914.81	20	6,297.96	20	6,684.81	20	7,034.00
21	3,702.55	21	4,061.43	21	4,480.31	21	4,815.45	21	5,173.43	21	5,543.35	21	5,924.35	21	6,307.43	21	6,694.35	21	7,041.00
22	3,710.03	22	4,068.91	22	4,489.79	22	4,824.92	22	5,182.92	22	5,552.81	22	5,933.81	22	6,316.92	22	6,703.81	22	7,048.00
23	3,717.50	23	4,076.38	23	4,499.26	23	4,834.40	23	5,192.40	23	5,562.35	23	5,943.35	23	6,326.40	23	6,713.35	23	7,055.00
24	3,724.98	24	4,083.86	24	4,508.74	24	4,843.88	24	5,201.88	24	5,571.81	24	5,952.81	24	6,335.88	24	6,722.81	24	7,062.00
25	3,732.46	25	4,091.34	25	4,518.21	25	4,853.36	25	5,211.36	25	5,581.35	25	5,962.35	25	6,345.36	25	6,732.35	25	7,069.00
26	3,739.93	26	4,098.82	26	4,527.69	26	4,862.84	26	5,220.84	26	5,590.81	26	5,971.81	26	6,354.84	26	6,741.81	26	7,076.00
27	3,747.41	27	4,106.30	27	4,537.17	27	4,872.32	27	5,230.32	27	5,600.35	27	5,981.35	27	6,364.32	27	6,751.35	27	7,083.00
28	3,754.89	28	4,113.78	28	4,546.65	28	4,881.80	28	5,239.80	28	5,609.81	28	5,990.81	28	6,373.80	28	6,760.81	28	7,090.00
29	3,762.36	29	4,121.26	29	4,556.13	29	4,891.28	29	5,249.28	29	5,619.35	29	6,000.35	29	6,383.28	29	6,770.35	29	7,097.00
30	3,769.84	30	4,128.73	30	4,565.61	30	4,900.76	30	5,258.76	30	5,628.81	30	6,009.81	30	6,392.76	30	6,780.81	30	7,104.00
31	3,777.32	31	4,136.21	31	4,575.09	31	4,910.24	31	5,268.24	31	5,638.35	31	6,019.35	31	6,402.24	31	6,790.35	31	7,111.00
32	3,784.79	32	4,143.69	32	4,584.57	32	4,919.72	32	5,277.72	32	5,647.81	32	6,028.81	32	6,411.72	32	6,800.81	32	7,118.00
33	3,792.27	33	4,151.17	33	4,594.05	33	4,929.20	33	5,287.20	33	5,657.35	33	6,038.35	33	6,421.20	33	6,810.35	33	7,125.00
34	3,799.75	34	4,158.65	34	4,603.53	34	4,938.68	34	5,296.68	34	5,666.81	34	6,047.81	34	6,430.68	34	6,820.81	34	7,132.00
35	3,807.23	35	4,166.13	35	4,613.01	35	4,948.16	35	5,306.16	35	5,676.35	35	6,057.35	35	6,440.16	35	6,830.35	35	7,139.00
36	3,814.70	36	4,173.61	36	4,622.49	36	4,957.64	36	5,315.64	36	5,685.81	36	6,066.81	36	6,450.64	36	6,840.81	36	7,146.00
37	3,822.18	37	4,181.09	37	4,631.97	37	4,967.12	37	5,325.12	37	5,695.35	37	6,076.35	37	6,460.12	37	6,850.35	37	7,153.00
38	3,829.66	38	4,188.57	38	4,641.45	38	4,976.60	38	5,334.60	38	5,704.81	38	6,085.81	38	6,470.60	38	6,860.81	38	7,160.00
39	3,837.13	39	4,196.05	39	4,650.93	39	4,986.08	39	5,344.08	39	5,714.35	39	6,095.35	39	6,480.08	39	6,870.35	39	7,167.00
40	3,844.61	40	4,203.53	40	4,660.41	40	4,995.56	40	5,353.56	40	5,723.81	40	6,104.81	40	6,490.56	40	6,880.81	40	7,174.00
41	3,852.08	41	4,211.01	41	4,669.89	41	5,005.04	41	5,363.04	41	5,733.35	41	6,114.35	41	6,500.04	41	6,890.35	41	7,181.00
42	3,859.56	42	4,218.49	42	4,679.37	42	5,014.52	42	5,372.52	42	5,742.81	42	6,123.81	42	6,510.52	42	6,900.81	42	7,188.00
43	3,867.04	43	4,225.97	43	4,688.85	43	5,024.00	43	5,382.00	43	5,752.35	43	6,133.35	43	6,520.00	43	6,910.35	43	7,195.00
44	3,874.51	44	4,233.45	44	4,698.33	44	5,033.48	44	5,391.48	44	5,761.81	44	6,142.81	44	6,530.48	44	6,920.81	44	7,202.00
45	3,882.00	45	4,240.93	45	4,707.81	45	5,042.96	45	5,400.96	45	5,771.35	45	6,152.35	45	6,540.96	45	6,930.35	45	7,209.00
46	3,889.47	46	4,248.41	46	4,717.29	46	5,052.44	46	5,410.44	46	5,780.81	46	6,161.81	46	6,550.44	46	6,940.81	46	7,216.00
47	3,896.95	47	4,255.89	47	4,726.77	47	5,061.92	47	5,419.92	47	5,790.35	47	6,171.35	47	6,560.92	47	6,950.35	47	7,223.00
48	3,904.43	48	4,263.37	48	4,736.25	48	5,071.40	48	5,429.40	48	5,800.81	48	6,180.81	48	6,570.40	48	6,960.81	48	7,230.00
49	3,911.91	49	4,270.85	49	4,745.73	49	5,080.88	49	5,438.88	49	5,810.35	49	6,190.35	49	6,580.88	49	6,970.35	49	7,237.00
50	3,919.38	50	4,278.33	50	4,755.21	50	5,090.36	50	5,448.36	50	5,819.81	50	6,200.81	50	6,590.36	50	6,980.81	50	7,244.00
51	3,926.86	51	4,285.81	51	4,764.69	51	5,100.84	51	5,457.84	51	5,829.35	51	6,210.35	51	6,600.84	51	6,990.35	51	7,251.00
52	3,934.33	52	4,293.29	52	4,774														



HSM 3144 FORMERLY
BARGE "EBL 2974"

3 PORT
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0 FT.	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	2.23	0	312.70	0	609.44	0	1,020.13	0	1,371.86	0	1,728.43	0	2,083.36	0	2,437.68	0	2,793.70	0	3,149.84
1	4.09	18	320.13	18	678.87	18	1,027.33	18	1,378.59	18	1,735.08	18	2,090.73	18	2,445.94	18	2,801.12	18	3,157.26
2	6.05	36	327.87	36	686.31	36	1,034.83	36	1,386.72	36	1,743.29	36	2,098.10	36	2,453.33	36	2,809.04	36	3,164.68
3	8.01	54	335.00	54	693.74	54	1,041.73	54	1,394.16	54	1,750.72	54	2,106.46	54	2,461.72	54	2,817.38	54	3,172.10
4	9.97	72	342.43	72	699.17	72	1,048.63	72	1,401.58	72	1,757.15	72	2,112.83	72	2,467.11	72	2,823.38	72	3,178.51
5	11.93	90	349.86	90	706.61	90	1,055.53	90	1,409.01	90	1,764.57	90	2,120.16	90	2,474.53	90	2,830.00	90	3,184.83
6	13.89	108	357.29	108	714.04	108	1,062.43	108	1,416.43	108	1,771.00	108	2,127.56	108	2,481.93	108	2,836.22	108	3,191.36
7	15.85	126	364.72	126	721.47	126	1,069.34	126	1,423.86	126	1,778.03	126	2,134.32	126	2,489.34	126	2,842.64	126	3,201.77
8	17.81	144	372.16	144	728.90	144	1,076.24	144	1,431.28	144	1,784.82	144	2,142.29	144	2,496.75	144	2,849.07	144	3,208.19
9	19.77	162	379.59	162	736.34	162	1,083.15	162	1,438.72	162	1,791.73	162	2,149.85	162	2,504.18	162	2,855.49	162	3,214.61
10	21.73	180	387.02	180	743.77	180	1,090.05	180	1,446.16	180	1,800.64	180	2,157.02	180	2,511.00	180	2,861.91	180	3,221.03
11	23.69	198	394.45	198	751.20	198	1,096.96	198	1,453.58	198	1,807.54	198	2,164.39	198	2,518.03	198	2,868.33	198	3,227.45
12	25.65	216	401.88	216	758.63	216	1,103.86	216	1,461.01	216	1,814.45	216	2,171.78	216	2,525.48	216	2,874.75	216	3,233.86
13	27.61	234	409.31	234	766.07	234	1,110.77	234	1,468.43	234	1,821.36	234	2,178.12	234	2,532.98	234	2,881.17	234	3,240.28
14	29.57	252	416.74	252	773.50	252	1,117.67	252	1,475.86	252	1,828.26	252	2,184.45	252	2,540.10	252	2,887.59	252	3,246.70
15	31.53	270	424.17	270	780.93	270	1,124.58	270	1,483.28	270	1,835.17	270	2,190.89	270	2,547.61	270	2,894.01	270	3,253.12
16	33.49	288	431.61	288	788.36	288	1,131.48	288	1,490.72	288	1,842.08	288	2,197.21	288	2,554.54	288	2,900.43	288	3,259.54
17	35.45	306	439.04	306	795.80	306	1,138.39	306	1,498.16	306	1,848.99	306	2,203.68	306	2,561.50	306	2,906.85	306	3,265.96
18	37.41	324	446.47	324	803.23	324	1,145.30	324	1,505.58	324	1,855.90	324	2,209.84	324	2,568.43	324	2,913.27	324	3,272.38
19	39.37	342	453.90	342	810.66	342	1,152.21	342	1,513.01	342	1,862.81	342	2,216.94	342	2,575.31	342	2,919.69	342	3,278.80
20	41.33	360	461.33	360	818.10	360	1,159.12	360	1,520.43	360	1,869.72	360	2,223.37	360	2,582.89	360	2,926.11	360	3,285.22
21	43.29	378	468.76	378	825.53	378	1,166.03	378	1,527.86	378	1,876.63	378	2,230.38	378	2,590.31	378	2,932.53	378	3,291.64
22	45.25	396	476.19	396	832.97	396	1,172.94	396	1,535.29	396	1,883.54	396	2,237.43	396	2,597.74	396	2,938.95	396	3,298.06
23	47.21	414	483.62	414	840.40	414	1,179.85	414	1,542.72	414	1,890.45	414	2,244.85	414	2,604.74	414	2,945.37	414	3,304.48
24	49.17	432	491.05	432	847.84	432	1,186.76	432	1,550.16	432	1,897.36	432	2,251.91	432	2,611.69	432	2,951.79	432	3,310.90
25	51.13	450	498.48	450	855.27	450	1,193.67	450	1,557.58	450	1,904.27	450	2,258.93	450	2,618.61	450	2,958.21	450	3,317.32
26	53.09	468	505.91	468	862.70	468	1,200.58	468	1,564.99	468	1,911.18	468	2,266.06	468	2,625.51	468	2,964.63	468	3,323.74
27	55.05	486	513.34	486	870.14	486	1,207.49	486	1,572.43	486	1,918.09	486	2,273.50	486	2,632.43	486	2,971.05	486	3,330.16
28	57.01	504	520.77	504	877.57	504	1,214.40	504	1,579.86	504	1,925.00	504	2,280.57	504	2,639.36	504	2,977.47	504	3,336.58
29	58.97	522	528.20	522	885.00	522	1,221.31	522	1,587.29	522	1,931.91	522	2,287.18	522	2,646.28	522	2,983.89	522	3,343.00
30	60.93	540	535.63	540	892.43	540	1,228.22	540	1,594.72	540	1,938.82	540	2,294.10	540	2,653.19	540	2,990.31	540	3,349.42
31	62.89	558	543.06	558	899.86	558	1,235.13	558	1,602.16	558	1,945.73	558	2,299.76	558	2,660.11	558	2,996.73	558	3,355.84
32	64.85	576	550.49	576	907.29	576	1,242.04	576	1,609.49	576	1,952.64	576	2,305.40	576	2,667.03	576	3,003.15	576	3,362.26
33	66.81	594	557.92	594	914.72	594	1,248.95	594	1,616.37	594	1,959.55	594	2,311.82	594	2,674.06	594	3,009.57	594	3,368.68
34	68.77	612	565.35	612	922.15	612	1,255.86	612	1,623.30	612	1,966.46	612	2,318.24	612	2,681.08	612	3,015.99	612	3,375.10
35	70.73	630	572.78	630	929.58	630	1,262.77	630	1,630.23	630	1,973.37	630	2,324.66	630	2,688.00	630	3,022.41	630	3,381.52
36	72.69	648	580.21	648	937.01	648	1,269.68	648	1,637.16	648	1,980.28	648	2,331.08	648	2,694.92	648	3,028.83	648	3,387.94
37	74.65	666	587.64	666	944.44	666	1,276.59	666	1,644.09	666	1,987.19	666	2,337.50	666	2,701.84	666	3,035.25	666	3,394.36
38	76.61	684	595.07	684	951.87	684	1,283.50	684	1,651.02	684	1,994.10	684	2,343.92	684	2,708.76	684	3,041.67	684	3,400.78
39	78.57	702	602.50	702	959.30	702	1,290.41	702	1,657.95	702	2,001.01	702	2,350.34	702	2,715.68	702	3,048.09	702	3,407.20
40	80.53	720	609.93	720	966.73	720	1,297.32	720	1,664.16	720	2,007.92	720	2,356.76	720	2,722.60	720	3,054.51	720	3,413.62
41	82.49	738	617.36	738	974.16	738	1,304.23	738	1,671.81	738	2,014.83	738	2,363.18	738	2,729.52	738	3,060.93	738	3,420.04
42	84.45	756	624.79	756	981.59	756	1,311.14	756	1,678.74	756	2,021.74	756	2,369.60	756	2,736.44	756	3,067.35	756	3,426.46
43	86.41	774	632.22	774	989.02	774	1,318.05	774	1,685.67	774	2,028.65	774	2,376.02	774	2,743.36	774	3,073.77	774	3,432.88
44	88.37	792	639.65	792	996.45	792	1,324.96	792	1,692.60	792	2,035.56	792	2,382.44	792	2,750.28	792	3,080.19	792	3,439.30
45	90.33	810	647.08	810	1,003.88	810	1,331.87	810	1,699.53	810	2,042.47	810	2,388.86	810	2,757.20	810	3,086.61	810	3,445.72
46	92.29	828	654.51	828	1,011.31	828	1,338.78	828	1,706.46	828	2,049.38	828	2,395.28	828	2,764.12	828	3,093.03	828	3,452.14
47	94.25	846	661.94	846	1,018.74	846	1,345.69	846	1,713.39	846	2,056.29	846	2,401.70	846	2,771.04	846	3,099.45	846	3,458.56
48	96.21	864	669.37	864	1,026.17	864	1,352.60	864	1,720.32	864	2,063.20	864	2,408.12	864	2,778.06	864	3,105.87	864	3,464.98
49	98.17	882	676.80	882	1,033.60	882	1,359.51	882	1,727.25	882	2,070.11	882	2,414.54	882	2,785.08	882	3,112.29	882	3,471.40
50	100.13	900	684.23	900	1,041.03	900	1,366.42	900	1,734.18	900	2,077.02	900	2,420.96	900	2,792.00	900	3,118.71	900	3,477.82
51	102.09	918	691.66	918	1,048.46	918	1,373.33	918	1,741.11	918	2,083.93	918	2,427.38	918	2,800.00	918	3,12		

HSM 3144 FORMERLY BARGE "EBL 2974"

3 PORT INNAGE TABLE



CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS												GAUGE HEIGHT 17'-01 1/4"											
10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.		20 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0	3,896.26	0	3,770.34	0	4,017.26	0	4,263.73	0	4,509.06	0	4,754.39	0	5,000.00	0	5,245.63	0	5,491.26	0	5,736.89	0	5,982.52		
1	3,912.06	1	3,786.14	1	4,033.08	1	4,279.53	1	4,525.86	1	4,771.98	1	5,017.89	1	5,263.60	1	5,509.19	1	5,754.57	1	5,999.75		
2	3,927.86	2	3,801.94	2	4,052.88	2	4,299.33	2	4,545.66	2	4,791.78	2	5,037.69	2	5,283.40	2	5,528.99	2	5,774.37	2	6,019.55		
3	3,943.66	3	3,817.74	3	4,068.68	3	4,315.13	3	4,561.46	3	4,807.58	3	5,053.49	3	5,299.20	3	5,544.79	3	5,790.17	3	6,035.35		
4	3,959.46	4	3,833.54	4	4,084.56	4	4,331.01	4	4,577.34	4	4,823.46	4	5,069.37	4	5,315.08	4	5,560.67	4	5,806.05	4	6,051.23		
5	3,975.26	5	3,849.34	5	4,100.56	5	4,347.01	5	4,593.34	5	4,839.46	5	5,085.37	5	5,331.08	5	5,576.67	5	5,822.05	5	6,067.23		
6	3,991.06	6	3,865.14	6	4,116.56	6	4,363.01	6	4,609.34	6	4,855.46	6	5,101.37	6	5,347.08	6	5,592.67	6	5,838.05	6	6,083.23		
7	3,996.26	7	3,870.34	7	4,122.56	7	4,369.01	7	4,615.34	7	4,861.46	7	5,107.37	7	5,353.08	7	5,598.67	7	5,844.05	7	6,089.23		
8	4,001.46	8	3,875.54	8	4,128.56	8	4,375.01	8	4,621.34	8	4,867.46	8	5,113.37	8	5,359.08	8	5,604.67	8	5,850.05	8	6,095.23		
9	4,006.66	9	3,880.74	9	4,134.56	9	4,381.01	9	4,627.34	9	4,873.46	9	5,119.37	9	5,365.08	9	5,610.67	9	5,856.05	9	6,101.23		
10	4,011.86	10	3,885.94	10	4,140.56	10	4,387.01	10	4,633.34	10	4,879.46	10	5,125.37	10	5,371.08	10	5,616.67	10	5,862.05	10	6,107.23		
11	4,017.06	11	3,891.14	11	4,146.56	11	4,393.01	11	4,639.34	11	4,885.46	11	5,131.37	11	5,377.08	11	5,622.67	11	5,868.05	11	6,113.23		
12	4,022.26	12	3,896.34	12	4,152.56	12	4,399.01	12	4,645.34	12	4,891.46	12	5,137.37	12	5,383.08	12	5,628.67	12	5,874.05	12	6,119.23		
13	4,027.46	13	3,901.54	13	4,158.56	13	4,405.01	13	4,651.34	13	4,897.46	13	5,143.37	13	5,389.08	13	5,634.67	13	5,880.05	13	6,125.23		
14	4,032.66	14	3,906.74	14	4,164.56	14	4,411.01	14	4,657.34	14	4,903.46	14	5,149.37	14	5,395.08	14	5,640.67	14	5,886.05	14	6,131.23		
15	4,037.86	15	3,911.94	15	4,170.56	15	4,417.01	15	4,663.34	15	4,909.46	15	5,155.37	15	5,401.08	15	5,646.67	15	5,892.05	15	6,137.23		
16	4,043.06	16	3,917.14	16	4,176.56	16	4,423.01	16	4,669.34	16	4,915.46	16	5,161.37	16	5,407.08	16	5,652.67	16	5,898.05	16	6,143.23		
17	4,048.26	17	3,922.34	17	4,182.56	17	4,429.01	17	4,675.34	17	4,921.46	17	5,167.37	17	5,413.08	17	5,658.67	17	5,904.05	17	6,149.23		
18	4,053.46	18	3,927.54	18	4,188.56	18	4,435.01	18	4,681.34	18	4,927.46	18	5,173.37	18	5,419.08	18	5,664.67	18	5,910.05	18	6,155.23		
19	4,058.66	19	3,932.74	19	4,194.56	19	4,441.01	19	4,687.34	19	4,933.46	19	5,179.37	19	5,425.08	19	5,670.67	19	5,916.05	19	6,161.23		
20	4,063.86	20	3,937.94	20	4,200.56	20	4,447.01	20	4,693.34	20	4,939.46	20	5,185.37	20	5,431.08	20	5,676.67	20	5,922.05	20	6,167.23		
21	4,069.06	21	3,943.14	21	4,206.56	21	4,453.01	21	4,699.34	21	4,945.46	21	5,191.37	21	5,437.08	21	5,682.67	21	5,928.05	21	6,173.23		
22	4,074.26	22	3,948.34	22	4,212.56	22	4,459.01	22	4,705.34	22	4,951.46	22	5,197.37	22	5,443.08	22	5,688.67	22	5,934.05	22	6,179.23		
23	4,079.46	23	3,953.54	23	4,218.56	23	4,465.01	23	4,711.34	23	4,957.46	23	5,203.37	23	5,449.08	23	5,694.67	23	5,940.05	23	6,185.23		
24	4,084.66	24	3,958.74	24	4,224.56	24	4,471.01	24	4,717.34	24	4,963.46	24	5,209.37	24	5,455.08	24	5,699.67	24	5,946.05	24	6,191.23		
25	4,089.86	25	3,963.94	25	4,230.56	25	4,477.01	25	4,723.34	25	4,969.46	25	5,215.37	25	5,461.08	25	5,706.67	25	5,952.05	25	6,197.23		
26	4,095.06	26	3,969.14	26	4,236.56	26	4,483.01	26	4,729.34	26	4,975.46	26	5,221.37	26	5,467.08	26	5,712.67	26	5,958.05	26	6,203.23		
27	4,100.26	27	3,974.34	27	4,242.56	27	4,489.01	27	4,735.34	27	4,981.46	27	5,227.37	27	5,473.08	27	5,718.67	27	5,964.05	27	6,209.23		
28	4,105.46	28	3,979.54	28	4,248.56	28	4,495.01	28	4,739.34	28	4,987.46	28	5,233.37	28	5,479.08	28	5,724.67	28	5,970.05	28	6,215.23		
29	4,110.66	29	3,984.74	29	4,254.56	29	4,501.01	29	4,747.34	29	4,993.46	29	5,239.37	29	5,485.08	29	5,730.67	29	5,976.05	29	6,221.23		
30	4,115.86	30	3,989.94	30	4,260.56	30	4,507.01	30	4,753.34	30	5,000.46	30	5,245.37	30	5,491.08	30	5,736.67	30	5,982.05	30	6,227.23		
31	4,121.06	31	3,995.14	31	4,266.56	31	4,513.01	31	4,759.34	31	5,006.46	31	5,251.37	31	5,497.08	31	5,742.67	31	5,988.05	31	6,233.23		
32	4,126.26	32	3,999.34	32	4,272.56	32	4,519.01	32	4,765.34	32	5,012.46	32	5,257.37	32	5,503.08	32	5,748.67	32	5,994.05	32	6,239.23		
33	4,131.46	33	4,004.54	33	4,278.56	33	4,525.01	33	4,771.34	33	5,018.46	33	5,263.37	33	5,509.08	33	5,754.67	33	5,999.05	33	6,245.23		
34	4,136.66	34	4,009.74	34	4,284.56	34	4,531.01	34	4,777.34	34	5,024.46	34	5,269.37	34	5,515.08	34	5,760.67	34	6,005.05	34	6,251.23		
35	4,141.86	35	4,014.94	35	4,290.56	35	4,537.01	35	4,783.34	35	5,030.46	35	5,275.37	35	5,521.08	35	5,766.67	35	6,011.05	35	6,257.23		
36	4,147.06	36	4,020.14	36	4,296.56	36	4,543.01	36	4,789.34	36	5,036.46	36	5,281.37	36	5,527.08	36	5,772.67	36	6,017.05	36	6,263.23		
37	4,152.26	37	4,025.34	37	4,302.56	37	4,549.01	37	4,795.34	37	5,042.46	37	5,287.37	37	5,533.08	37	5,778.67	37	6,023.05	37	6,269.23		
38	4,157.46	38	4,030.54	38	4,308.56	38	4,555.01	38	4,801.34	38	5,048.46	38	5,293.37	38	5,539.08	38	5,784.67	38	6,029.05	38	6,275.23		
39	4,162.66	39	4,035.74	39	4,314.56	39	4,561.01	39	4,807.34	39	5,054.46	39	5,299.37	39	5,545.08	39	5,790.67	39	6,035.05	39	6,281.23		
40	4,167.86	40	4,040.94	40	4,320.56	40	4,567.01	40	4,813.34	40	5,060.46	40	5,305.37	40	5,551.08	40	5,796.67	40	6,041.05	40	6,287.23		
41	4,173.06	41	4,046.14	41	4,326.56	41	4,573.01	41	4,819.34	41	5,066.46	41	5,311.37	41	5,557.08	41	5,802.67	41	6,047.05	41	6,293.23		
42	4,178.26	42	4,051.34	42	4,332.56	42	4,579.01	42	4,825.34	42	5,072.46	42	5,317.37	42	5,563.08	42	5,808.67	42	6,053.05	42	6,299.23		
43	4,183.46	43	4,056.54	43	4,338.56	43	4,585.01	43	4,831.34	43	5,078.46	43	5,323.37	43	5,569.08	43	5,814.67	43	6,059.05	43	6,305.23		
44	4,188.66	44	4,061.74	44	4,344.56	44	4,591.01	44	4,837.34	44	5,084.46	44	5,329.37	44	5,575.08	44	5,820.67	44	6,065.05	44	6,311.23		
45	4,193.86	45	4,066.94	45	4,350.56	45	4,597.01	45	4,843.34	45	5,090.46	45	5,335.37	45	5,581.08	45	5,826.67	45	6,071.05	45	6,317.23		
46	4,199.06	46	4,072.14	46	4,356.56	46	4,603.01	46	4,849.34	46	5,096.46	46	5,341.37	46	5,587.08	46	5,832.67	46	6,077.05	46	6,323.23		
47	4,204.26	47	4,077.34	47	4,362.56	47	4,609.01	47	4,855.46	47	5,102.46	47	5,347.37	47	5,593.08	47	5,838.67	47	6,083.05	47	6,329.23		
48	4,209.46	48	4,082.54	48	4,368.56	48	4,615.01	4															



HSM 3144 FORMERLY
BARGE "EBL 2974"

3 STBD
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	235	0	318.03	0	670.38	0	1,027.90	0	1,384.49	0	1,741.83	0	2,099.17	0	2,456.51	0	2,813.88	0	3,170.80
1	4.09	1	320.47	1	672.81	1	1,034.73	1	1,391.49	1	1,749.28	1	2,106.82	1	2,463.96	1	2,821.11	1	3,178.04
2	8.18	2	322.91	2	675.25	2	1,042.16	2	1,399.28	2	1,756.72	2	2,114.06	2	2,471.40	2	2,828.88	2	3,186.47
3	12.27	3	325.35	3	677.69	3	1,049.59	3	1,406.83	3	1,764.17	3	2,121.81	3	2,478.88	3	2,836.90	3	3,192.81
4	16.36	4	327.79	4	680.13	4	1,057.02	4	1,414.27	4	1,771.81	4	2,129.08	4	2,486.28	4	2,843.43	4	3,200.34
5	20.45	5	330.23	5	682.57	5	1,064.45	5	1,421.71	5	1,779.08	5	2,136.40	5	2,493.74	5	2,850.98	5	3,207.78
6	24.54	6	332.67	6	685.01	6	1,071.89	6	1,429.16	6	1,786.50	6	2,143.84	6	2,501.18	6	2,858.30	6	3,215.31
7	28.63	7	335.11	7	687.45	7	1,079.32	7	1,436.60	7	1,793.94	7	2,151.29	7	2,508.63	7	2,865.74	7	3,222.88
8	32.72	8	337.55	8	689.89	8	1,086.76	8	1,444.06	8	1,801.38	8	2,158.73	8	2,516.07	8	2,873.16	8	3,230.08
9	36.81	9	340.00	9	692.33	9	1,094.19	9	1,451.49	9	1,808.83	9	2,166.17	9	2,523.51	9	2,880.81	9	3,237.81
10	40.90	10	342.44	10	694.77	10	1,101.63	10	1,458.94	10	1,816.38	10	2,173.53	10	2,530.94	10	2,888.08	10	3,244.98
11	45.00	11	344.88	11	697.21	11	1,109.08	11	1,466.38	11	1,823.78	11	2,181.08	11	2,538.40	11	2,895.40	11	3,252.38
12	49.09	12	347.32	12	699.65	12	1,116.50	12	1,473.83	12	1,831.17	12	2,188.61	12	2,545.85	12	2,902.83	12	3,260.82
13	53.18	13	349.76	13	702.09	13	1,123.94	13	1,481.27	13	1,838.61	13	2,196.08	13	2,553.29	13	2,910.38	13	3,267.24
14	57.27	14	352.20	14	704.53	14	1,131.38	14	1,488.72	14	1,846.08	14	2,203.49	14	2,560.74	14	2,917.88	14	3,274.87
15	61.36	15	354.64	15	706.97	15	1,138.80	15	1,496.16	15	1,853.50	15	2,210.84	15	2,568.18	15	2,925.34	15	3,282.08
16	65.45	16	357.08	16	709.41	16	1,146.26	16	1,503.60	16	1,860.98	16	2,218.26	16	2,575.63	16	2,932.88	16	3,289.32
17	69.54	17	359.52	17	711.85	17	1,153.71	17	1,511.08	17	1,868.38	17	2,225.73	17	2,583.07	17	2,940.11	17	3,296.83
18	73.63	18	361.96	18	714.29	18	1,161.16	18	1,518.48	18	1,875.83	18	2,233.18	18	2,590.52	18	2,947.59	18	3,304.38
19	77.72	19	364.40	19	716.73	19	1,168.60	19	1,525.94	19	1,883.28	19	2,240.82	19	2,597.98	19	2,954.99	19	3,311.78
20	81.81	20	366.84	20	719.17	20	1,176.04	20	1,533.38	20	1,890.72	20	2,248.08	20	2,605.41	20	2,962.43	20	3,319.17
21	85.90	21	369.28	21	721.61	21	1,183.49	21	1,540.83	21	1,898.17	21	2,255.81	21	2,612.88	21	2,969.88	21	3,326.99
22	90.00	22	371.72	22	724.05	22	1,190.93	22	1,548.27	22	1,905.61	22	2,263.68	22	2,620.28	22	2,977.30	22	3,334.00
23	94.09	23	374.16	23	726.49	23	1,198.36	23	1,556.72	23	1,913.08	23	2,271.40	23	2,627.74	23	2,984.73	23	3,341.43
24	98.18	24	376.60	24	728.93	24	1,205.82	24	1,564.16	24	1,920.90	24	2,279.84	24	2,635.18	24	2,992.17	24	3,348.83
25	102.27	25	379.04	25	731.37	25	1,213.27	25	1,571.61	25	1,927.86	25	2,288.29	25	2,642.62	25	2,999.60	25	3,356.34
26	106.36	26	381.48	26	733.81	26	1,220.71	26	1,578.08	26	1,934.39	26	2,296.73	26	2,650.06	26	3,007.04	26	3,363.83
27	110.45	27	383.92	27	736.25	27	1,228.16	27	1,585.68	27	1,941.84	27	2,305.18	27	2,657.48	27	3,014.47	27	3,371.87
28	114.54	28	386.36	28	738.69	28	1,235.60	28	1,592.94	28	1,950.28	28	2,313.67	28	2,664.93	28	3,021.81	28	3,379.49
29	118.63	29	388.80	29	741.13	29	1,243.04	29	1,600.38	29	1,957.73	29	2,322.81	29	2,672.37	29	3,029.78	29	3,386.90
30	122.72	30	391.24	30	743.57	30	1,250.49	30	1,607.83	30	1,964.17	30	2,332.51	30	2,679.80	30	3,037.28	30	3,394.33
31	126.81	31	393.68	31	746.01	31	1,257.93	31	1,615.27	31	1,971.81	31	2,339.08	31	2,687.24	31	3,044.31	31	3,401.73
32	130.90	32	396.12	32	748.45	32	1,265.38	32	1,622.72	32	1,980.08	32	2,337.40	32	2,694.68	32	3,051.69	32	3,409.14
33	135.00	33	398.56	33	750.89	33	1,272.82	33	1,630.18	33	1,987.50	33	2,344.84	33	2,702.12	33	3,059.08	33	3,416.56
34	139.09	34	401.00	34	753.33	34	1,280.27	34	1,637.61	34	1,994.95	34	2,352.29	34	2,709.55	34	3,066.53	34	3,423.87
35	143.18	35	403.44	35	755.77	35	1,287.71	35	1,645.08	35	2,002.38	35	2,359.73	35	2,716.99	35	3,073.96	35	3,430.38
36	147.27	36	405.88	36	758.21	36	1,295.16	36	1,653.00	36	2,009.84	36	2,367.18	36	2,724.43	36	3,081.36	36	3,437.80
37	151.36	37	408.32	37	760.65	37	1,302.60	37	1,660.94	37	2,017.28	37	2,374.62	37	2,731.87	37	3,088.82	37	3,445.21
38	155.45	38	410.76	38	763.09	38	1,310.05	38	1,668.90	38	2,024.73	38	2,382.07	38	2,739.30	38	3,096.28	38	3,452.63
39	159.54	39	413.20	39	765.53	39	1,317.49	39	1,676.83	39	2,032.17	39	2,389.51	39	2,746.74	39	3,103.89	39	3,460.04
40	163.63	40	415.64	40	767.97	40	1,324.93	40	1,684.28	40	2,039.63	40	2,396.98	40	2,754.18	40	3,111.33	40	3,467.48
41	167.72	41	418.08	41	770.41	41	1,332.38	41	1,691.73	41	2,047.08	41	2,404.40	41	2,761.63	41	3,118.86	41	3,474.87
42	171.81	42	420.52	42	772.85	42	1,339.82	42	1,699.23	42	2,054.51	42	2,411.88	42	2,769.08	42	3,126.09	42	3,482.28
43	175.90	43	422.96	43	775.29	43	1,347.27	43	1,706.61	43	2,061.98	43	2,419.29	43	2,776.48	43	3,133.43	43	3,489.70
44	180.00	44	425.40	44	777.73	44	1,354.71	44	1,714.08	44	2,069.39	44	2,426.74	44	2,783.93	44	3,140.88	44	3,497.11
45	184.09	45	427.84	45	780.17	45	1,362.16	45	1,721.60	45	2,076.84	45	2,434.18	45	2,791.37	45	3,148.30	45	3,504.83
46	188.18	46	430.28	46	782.61	46	1,369.60	46	1,729.04	46	2,084.28	46	2,441.62	46	2,798.80	46	3,155.73	46	3,511.94
47	192.27	47	432.72	47	785.05	47	1,377.06	47	1,736.59	47	2,091.73	47	2,449.07	47	2,806.24	47	3,163.17	47	3,519.54
48	196.36	48	435.16	48	787.49	48	1,384.50	48	1,744.08	48	2,099.18	48	2,456.54	48	2,813.69	48	3,170.60	48	3,527.18
49	200.45	49	437.60	49	789.93	49	1,391.94	49	1,751.52	49	2,106.63	49	2,464.03	49	2,821.18	49	3,178.04	49	3,534.80
50	204.54	50	440.04	50	792.37	50	1,399.38	50	1,758.96	50	2,113.67	50	2,471.52	50	2,828.63	50	3,185.48	50	3,542.42
51	208.63	51	442.48	51	794.81	51	1,406.82	51	1,766.40	51	2,120.69	51	2,479.01	51	2,836.12	51	3,192.92	51	3,550.04
52	212.72	52	444.92	52	797.25	52	1,414.26	52	1,773.84	52	2,127.73	52	2,486.50	52	2,843.61	52	3,200.36	5	



HSM 3144 FORMERLY BARGE "EBL 2974"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS												GAUGE HEIGHT 17'-01 1/4"			
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.
0	3,333.77	0	3,791.96	0	4,039.32	0	4,294.37	0	4,530.86	0	4,781.14	0	5,000.00	0	5,187.50
1	3,334.18	1	3,792.35	1	4,040.07	1	4,295.00	1	4,531.26	1	4,781.55	1	5,000.41	1	5,187.91
2	3,334.59	2	3,792.76	2	4,040.72	2	4,295.63	2	4,531.65	2	4,781.96	2	5,000.82	2	5,188.32
3	3,335.00	3	3,793.17	3	4,041.38	3	4,296.26	3	4,532.04	3	4,782.37	3	5,001.23	3	5,188.73
4	3,335.41	4	3,793.58	4	4,042.03	4	4,296.89	4	4,532.43	4	4,782.78	4	5,001.64	4	5,189.14
5	3,335.82	5	3,793.99	5	4,042.68	5	4,297.52	5	4,532.82	5	4,783.19	5	5,002.05	5	5,189.55
6	3,336.23	6	3,794.40	6	4,043.33	6	4,298.15	6	4,533.21	6	4,783.60	6	5,002.46	6	5,189.96
7	3,336.64	7	3,794.81	7	4,043.98	7	4,298.78	7	4,533.60	7	4,784.01	7	5,002.87	7	5,190.37
8	3,337.05	8	3,795.22	8	4,044.63	8	4,299.41	8	4,533.99	8	4,784.42	8	5,003.28	8	5,190.78
9	3,337.46	9	3,795.63	9	4,045.28	9	4,300.04	9	4,534.38	9	4,784.83	9	5,003.69	9	5,191.19
10	3,337.87	10	3,796.04	10	4,045.93	10	4,300.67	10	4,534.77	10	4,785.24	10	5,004.10	10	5,191.60
11	3,338.28	11	3,796.45	11	4,046.58	11	4,301.30	11	4,535.16	11	4,785.65	11	5,004.51	11	5,192.01
12	3,338.69	12	3,796.86	12	4,047.23	12	4,301.93	12	4,535.55	12	4,786.06	12	5,004.92	12	5,192.42
13	3,339.10	13	3,797.27	13	4,047.88	13	4,302.56	13	4,535.94	13	4,786.47	13	5,005.33	13	5,192.83
14	3,339.51	14	3,797.68	14	4,048.53	14	4,303.19	14	4,536.33	14	4,786.88	14	5,005.74	14	5,193.24
15	3,339.92	15	3,798.09	15	4,049.18	15	4,303.82	15	4,536.72	15	4,787.29	15	5,006.15	15	5,193.65
16	3,340.33	16	3,798.50	16	4,049.83	16	4,304.45	16	4,537.11	16	4,787.70	16	5,006.56	16	5,194.06
17	3,340.74	17	3,798.91	17	4,050.48	17	4,305.08	17	4,537.50	17	4,788.11	17	5,006.97	17	5,194.47
18	3,341.15	18	3,799.32	18	4,051.13	18	4,305.71	18	4,537.89	18	4,788.52	18	5,007.38	18	5,194.88
19	3,341.56	19	3,799.73	19	4,051.78	19	4,306.34	19	4,538.28	19	4,788.93	19	5,007.79	19	5,195.29
20	3,341.97	20	3,800.14	20	4,052.43	20	4,306.97	20	4,538.67	20	4,789.34	20	5,008.20	20	5,195.70
21	3,342.38	21	3,800.55	21	4,053.08	21	4,307.60	21	4,539.06	21	4,789.75	21	5,008.61	21	5,196.11
22	3,342.79	22	3,800.96	22	4,053.73	22	4,308.23	22	4,539.45	22	4,790.16	22	5,009.02	22	5,196.52
23	3,343.20	23	3,801.37	23	4,054.38	23	4,308.86	23	4,539.84	23	4,790.57	23	5,009.43	23	5,196.93
24	3,343.61	24	3,801.78	24	4,055.03	24	4,309.49	24	4,540.23	24	4,790.98	24	5,009.84	24	5,197.34
25	3,344.02	25	3,802.19	25	4,055.68	25	4,310.12	25	4,540.62	25	4,791.39	25	5,010.25	25	5,197.75
26	3,344.43	26	3,802.60	26	4,056.33	26	4,310.75	26	4,541.01	26	4,791.80	26	5,010.66	26	5,198.16
27	3,344.84	27	3,803.01	27	4,056.98	27	4,311.38	27	4,541.40	27	4,792.21	27	5,011.07	27	5,198.57
28	3,345.25	28	3,803.42	28	4,057.63	28	4,312.01	28	4,541.79	28	4,792.62	28	5,011.48	28	5,198.98
29	3,345.66	29	3,803.83	29	4,058.28	29	4,312.64	29	4,542.18	29	4,793.03	29	5,011.89	29	5,199.39
30	3,346.07	30	3,804.24	30	4,058.93	30	4,313.27	30	4,542.57	30	4,793.44	30	5,012.30	30	5,199.80
31	3,346.48	31	3,804.65	31	4,059.58	31	4,313.90	31	4,542.96	31	4,793.85	31	5,012.71	31	5,200.21
32	3,346.89	32	3,805.06	32	4,060.23	32	4,314.53	32	4,543.35	32	4,794.26	32	5,013.12	32	5,200.62
33	3,347.30	33	3,805.47	33	4,060.88	33	4,315.16	33	4,543.74	33	4,794.67	33	5,013.53	33	5,201.03
34	3,347.71	34	3,805.88	34	4,061.53	34	4,315.79	34	4,544.13	34	4,795.08	34	5,013.94	34	5,201.44
35	3,348.12	35	3,806.29	35	4,062.18	35	4,316.42	35	4,544.52	35	4,795.49	35	5,014.35	35	5,201.85
36	3,348.53	36	3,806.70	36	4,062.83	36	4,317.05	36	4,544.91	36	4,795.90	36	5,014.76	36	5,202.26
37	3,348.94	37	3,807.11	37	4,063.48	37	4,317.68	37	4,545.30	37	4,796.31	37	5,015.17	37	5,202.67
38	3,349.35	38	3,807.52	38	4,064.13	38	4,318.31	38	4,545.69	38	4,796.72	38	5,015.58	38	5,203.08
39	3,349.76	39	3,807.93	39	4,064.78	39	4,318.94	39	4,546.08	39	4,797.13	39	5,015.99	39	5,203.49
40	3,350.17	40	3,808.34	40	4,065.43	40	4,319.57	40	4,546.47	40	4,797.54	40	5,016.40	40	5,203.90
41	3,350.58	41	3,808.75	41	4,066.08	41	4,320.20	41	4,546.86	41	4,797.95	41	5,016.81	41	5,204.31
42	3,350.99	42	3,809.16	42	4,066.73	42	4,320.83	42	4,547.25	42	4,798.36	42	5,017.22	42	5,204.72
43	3,351.40	43	3,809.57	43	4,067.38	43	4,321.46	43	4,547.64	43	4,798.77	43	5,017.63	43	5,205.13
44	3,351.81	44	3,809.98	44	4,068.03	44	4,322.09	44	4,548.03	44	4,799.18	44	5,018.04	44	5,205.54
45	3,352.22	45	3,810.39	45	4,068.68	45	4,322.72	45	4,548.42	45	4,799.59	45	5,018.45	45	5,205.95
46	3,352.63	46	3,810.80	46	4,069.33	46	4,323.35	46	4,548.81	46	4,799.90	46	5,018.86	46	5,206.36
47	3,353.04	47	3,811.21	47	4,069.98	47	4,323.98	47	4,549.20	47	4,800.31	47	5,019.27	47	5,206.77
48	3,353.45	48	3,811.62	48	4,070.63	48	4,324.61	48	4,549.59	48	4,800.72	48	5,019.68	48	5,207.18
49	3,353.86	49	3,812.03	49	4,071.28	49	4,325.24	49	4,549.98	49	4,801.13	49	5,020.09	49	5,207.59
50	3,354.27	50	3,812.44	50	4,071.93	50	4,325.87	50	4,550.37	50	4,801.54	50	5,020.50	50	5,208.00
51	3,354.68	51	3,812.85	51	4,072.58	51	4,326.50	51	4,550.76	51	4,801.95	51	5,020.91	51	5,208.41
52	3,355.09	52	3,813.26	52	4,073.23	52	4,327.13	52	4,551.15	52	4,802.36	52	5,021.32	52	5,208.82
53	3,355.50	53	3,813.67	53	4,073.88	53	4,327.76	53	4,551.54	53	4,802.77	53	5,021.73	53	5,209.23
54	3,355.91	54	3,814.08	54	4,074.53	54	4,328.39	54	4,551.93	54	4,803.18	54	5,022.14	54	5,209.64
55	3,356.32	55	3,814.49	55	4,075.18	55	4,329.02	55	4,552.32	55	4,803.59	55	5,022.55	55	5,210.05
56	3,356.73	56	3,814.90	56	4,075.83	56	4,329.65	56	4,552.71	56	4,804.00	56	5,022.96	56	5,210.46
57	3,357.14	57	3,815.31	57	4,076.48	57	4,330.28	57	4,553.10	57	4,804.41	57	5,023.37	57	5,210.87
58	3,357.55	58	3,815.72	58	4,077.13	58	4,330.91	58	4,553.49	58	4,804.82	58	5,023.78	58	5,211.28
59	3,357.96	59	3,816.13	59	4,077.78	59	4,331.54	59	4,553.88	59	4,805.23	59	5,024.19	59	5,211.69
60	3,358.37	60	3,816.54	60	4,078.43	60	4,332.17	60	4,554.27	60	4,805.64	60	5,024.60	60	5,212.10
61	3,358.78	61	3,816.95	61	4,079.08	61	4,332.80	61	4,554.66	61	4,806.05	61	5,025.01	61	5,212.51
62	3,359.19	62	3,817.36	62	4,079.73	62	4,333.43	62	4,555.05	62	4,806.46	62	5,025.42	62	5,212.92
63	3,359.60	63	3,817.77	63	4,080.38	63	4,334.06	63	4,555.44	63	4,806.87	63	5,025.83	63	5,213.33
64	3,360.01	64	3,818.18	64	4,081.03	64	4,334.69	64	4,555.83	64	4,807.28	64	5,026.24	64	5,213.74
65	3,360.42	65	3,818.5												



**HSM 3144 FORMERLY
BARGE "EBL 2974"**
INNAGE TRIM TABLE (10" HATCH)

	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 PORT	02-1/8	-02-1/8	04-1/8	-04-1/8	06-1/4	-06-1/4	08-1/4	-08-1/4	10-3/8	-10-3/8	12-3/8	-12-3/8
1 STBD	02-1/8	-02-1/8	04-1/8	-04-1/8	06-1/4	-06-1/4	08-1/4	-08-1/4	10-3/8	-10-3/8	12-3/8	-12-3/8
2 PORT	02-1/8	-02-1/8	04-1/8	-04-1/8	06-1/4	-06-1/4	08-1/4	-08-1/4	10-3/8	-10-3/8	12-3/8	-12-3/8
2 STBD	02-1/8	-02-1/8	04-1/8	-04-1/8	06-1/4	-06-1/4	08-1/4	-08-1/4	10-3/8	-10-3/8	12-3/8	-12-3/8
3 PORT	02-0/8	02-0/8	04-1/8	04-1/8	06-1/8	06-1/8	08-1/4	08-1/4	10-1/4	10-1/4	12-3/8	12-3/8
3 STBD	02-0/8	02-0/8	04-1/8	04-1/8	06-1/8	06-1/8	08-1/4	08-1/4	10-1/4	10-1/4	12-3/8	12-3/8

(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 1 PORT IS -04-1/8"
FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 3'-07 7/8"

LENGTH BETWEEN DRAFT MARKS: 237'-09"

May 20, 2016

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

<http://www.pmacorp.net>



**HSM 3144 FORMERLY
BARGE "EBL 2974"**
ULLAGE TRIM TABLE (HERMETIC)

	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 PORT	- 02-1/8	02-1/8	- 04-1/4	04-1/4	- 06-1/4	06-1/4	- 08-1/2	08-1/2	- 10-5/8	10-5/8	- 12-3/4	12-3/4
1 STBD	- 02-1/8	02-1/8	- 04-1/4	04-1/4	- 06-1/4	06-1/4	- 08-1/2	08-1/2	- 10-5/8	10-5/8	- 12-5/8	12-5/8
2 PORT	- 02-1/8	02-1/8	- 04-1/4	04-1/4	- 06-1/4	06-1/4	- 08-1/2	08-1/2	- 10-5/8	10-5/8	- 12-3/4	12-3/4
2 STBD	- 02-1/8	02-1/8	- 04-1/4	04-1/4	- 06-1/4	06-1/4	- 08-1/2	08-1/2	- 10-5/8	10-5/8	- 12-3/4	12-3/4
3 PORT	02-1/8	- 02-1/8	04-1/4	- 04-1/4	08-3/8	- 08-3/8	08-1/2	- 08-1/2	10-1/2	- 10-1/2	12-5/8	- 12-5/8
3 STBD	02-1/8	- 02-1/8	04-1/4	- 04-1/4	08-3/8	- 08-3/8	08-1/2	- 08-1/2	10-1/2	- 10-1/2	12-5/8	- 12-5/8

(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 1 PORT IS 04-1/4"
FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 4'-04 1/4"

LENGTH BETWEEN DRAFT MARKS: 237'-09"

May 20, 2015

**PRECISION MEASUREMENT
& ANALYSIS, INC.**
P.O. Box 2082
Pearland, Texas 77688

<http://www.pmacorp.net>



1 PORT

VILLAGE TABLE

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

WARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH SPMS 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 ULLAGE GAUGES TAKEN ON EXPANSION DOME.

GAUGE POINT: (HERBETIC) LOCATED 03'-00" OFF CENTERLINE AND 01'-00" FORWARD OF AFT BULKHEAD.

GAUGE POINT: (15" HATCH) LOCATED 03'-00" OFF CENTERLINE AND 02'-00" FORWARD OF AFT BULKHEAD.

1. The following information is for your information only:

SHEET NO. OF 12

**PRECISION MEASUREMENT
& ANALYSIS, INC.**
P.O. Box 2002
Pearland, Texas 77588
<http://www.pma-usa.net>

[Signature]



HSM 3144 FORMERLY
BARGE "EBL 2974"

1 PORT
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.		20 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	2,437.50	0	2,009.34	0	1,711.14	0	1,462.93	0	1,244.72	0	1,056.51	0	897.30	0	763.09	0	642.88	0	536.67	0	444.46
1	2,437.50	1	2,009.34	1	1,711.14	1	1,462.93	1	1,244.72	1	1,056.51	1	897.30	1	763.09	1	642.88	1	536.67	1	444.46
2	2,437.50	2	2,009.34	2	1,711.14	2	1,462.93	2	1,244.72	2	1,056.51	2	897.30	2	763.09	2	642.88	2	536.67	2	444.46
3	2,437.50	3	2,009.34	3	1,711.14	3	1,462.93	3	1,244.72	3	1,056.51	3	897.30	3	763.09	3	642.88	3	536.67	3	444.46
4	2,437.50	4	2,009.34	4	1,711.14	4	1,462.93	4	1,244.72	4	1,056.51	4	897.30	4	763.09	4	642.88	4	536.67	4	444.46
5	2,437.50	5	2,009.34	5	1,711.14	5	1,462.93	5	1,244.72	5	1,056.51	5	897.30	5	763.09	5	642.88	5	536.67	5	444.46
6	2,437.50	6	2,009.34	6	1,711.14	6	1,462.93	6	1,244.72	6	1,056.51	6	897.30	6	763.09	6	642.88	6	536.67	6	444.46
7	2,437.50	7	2,009.34	7	1,711.14	7	1,462.93	7	1,244.72	7	1,056.51	7	897.30	7	763.09	7	642.88	7	536.67	7	444.46
8	2,437.50	8	2,009.34	8	1,711.14	8	1,462.93	8	1,244.72	8	1,056.51	8	897.30	8	763.09	8	642.88	8	536.67	8	444.46
9	2,437.50	9	2,009.34	9	1,711.14	9	1,462.93	9	1,244.72	9	1,056.51	9	897.30	9	763.09	9	642.88	9	536.67	9	444.46
10	2,437.50	10	2,009.34	10	1,711.14	10	1,462.93	10	1,244.72	10	1,056.51	10	897.30	10	763.09	10	642.88	10	536.67	10	444.46
11	2,437.50	11	2,009.34	11	1,711.14	11	1,462.93	11	1,244.72	11	1,056.51	11	897.30	11	763.09	11	642.88	11	536.67	11	444.46
12	2,437.50	12	2,009.34	12	1,711.14	12	1,462.93	12	1,244.72	12	1,056.51	12	897.30	12	763.09	12	642.88	12	536.67	12	444.46
13	2,437.50	13	2,009.34	13	1,711.14	13	1,462.93	13	1,244.72	13	1,056.51	13	897.30	13	763.09	13	642.88	13	536.67	13	444.46
14	2,437.50	14	2,009.34	14	1,711.14	14	1,462.93	14	1,244.72	14	1,056.51	14	897.30	14	763.09	14	642.88	14	536.67	14	444.46
15	2,437.50	15	2,009.34	15	1,711.14	15	1,462.93	15	1,244.72	15	1,056.51	15	897.30	15	763.09	15	642.88	15	536.67	15	444.46
16	2,437.50	16	2,009.34	16	1,711.14	16	1,462.93	16	1,244.72	16	1,056.51	16	897.30	16	763.09	16	642.88	16	536.67	16	444.46
17	2,437.50	17	2,009.34	17	1,711.14	17	1,462.93	17	1,244.72	17	1,056.51	17	897.30	17	763.09	17	642.88	17	536.67	17	444.46
18	2,437.50	18	2,009.34	18	1,711.14	18	1,462.93	18	1,244.72	18	1,056.51	18	897.30	18	763.09	18	642.88	18	536.67	18	444.46
19	2,437.50	19	2,009.34	19	1,711.14	19	1,462.93	19	1,244.72	19	1,056.51	19	897.30	19	763.09	19	642.88	19	536.67	19	444.46
20	2,437.50	20	2,009.34	20	1,711.14	20	1,462.93	20	1,244.72	20	1,056.51	20	897.30	20	763.09	20	642.88	20	536.67	20	444.46

STRAPPED: 06/20/2018 CL
CALCULATED: 06/20/2018 CL
PRINTED: 06/22/2018 JB
CANCELS AND SUPERSEDES
ALL PRIOR TO 06/20/18

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2282
Newport, Texas 77858
409-836-0000

Signature



1 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF U.S. GALLONS

[illegible]

CHARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 27.

EXCESS SHIPPED AND COMPUTED IN ACCORDANCE WITH MIL-STD-1316

NEAR NO TO PUNISH NEITHER SET DAY A TWO-STAR ALLIANCE

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
CAPACITY TABLE WHICH IS TO INDICATE DANGERS TAKEN ON EXTRA HIGH TOWER

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN ON EXPANSION DOME.

Gauge Point: (HERMETIC) LOCATED 04'-00" OFF CENTERLINE AND 01'-00" FORWARD OF AFT BULKHEAD.

Gauge Point: (17' Hatch) Located 03'-00" off centerline and 02'-00" forward of aft bulkhead.

**PRECISION MEASUREMENT
EQUIPMENT, INC.**

P.O. Dec 2004

Portland, Texas 77126

С.А. Мухоморов, Р.А. Мухоморова

Journal Name:

1

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SHEET NO. 3 OF 12

HSM 3144 FORMERLY BARGE "EBL 2974"

1 STBD ULLAGE TABLE



CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS										GAUGE HEIGHT 17'-01 1/4"									
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,429.28	0	2,071.07	0	1,712.06	0	1,354.06	0	996.05	0	638.73	0	284.61	0	12.90	0	0	0	0
1A	2,431.82	1A	2,083.61	1A	1,706.40	1A	1,366.60	1A	1,008.59	1A	651.27	1A	297.78	1A	9.88	1A	0	1A	1A
1B	2,414.26	1B	2,066.14	1B	1,687.83	1B	1,339.73	1B	981.81	1B	632.81	1B	281.10	1B	7.83	1B	0	1B	1B
2A	2,406.86	2A	2,048.88	2A	1,680.47	2A	1,332.26	2A	974.16	2A	616.36	2A	274.44	2A	6.96	2A	0	2A	2A
1	2,398.41	1	2,041.22	1	1,668.01	1	1,324.80	1	966.71	1	608.98	1	267.77	1	4.10	1	0	1	1
1A	2,391.97	1A	2,033.76	1A	1,676.66	1A	1,317.34	1A	969.26	1A	601.42	1A	261.11	1A	2.23	1A	0	1A	1A
1B	2,384.50	1B	2,026.29	1B	1,663.08	1B	1,299.87	1B	961.82	1B	593.96	1B	254.62	1B	0.00	1B	0	1B	1B
2	2,377.04	2	2,018.83	2	1,650.62	2	1,292.41	2	954.37	2	586.50	2	247.94	2	0	2	0	2	2
3	2,369.58	3	2,011.37	3	1,638.16	3	1,284.96	3	946.92	3	579.03	3	241.36	3	0	3	0	3	3
1A	2,362.12	1A	2,003.91	1A	1,646.70	1A	1,287.49	1A	939.47	1A	571.57	1A	234.77	1A	0	1A	0	1A	1A
1B	2,354.66	1B	1,996.44	1B	1,633.23	1B	1,280.02	1B	932.02	1B	564.14	1B	228.27	1B	0	1B	0	1B	1B
2A	2,347.19	2A	1,988.96	2A	1,620.77	2A	1,272.56	2A	924.57	2A	556.70	2A	221.77	2A	0	2A	0	2A	2A
3	2,339.73	3	1,981.50	3	1,608.31	3	1,265.10	3	917.12	3	549.26	3	215.27	3	0	3	0	3	3
1A	2,332.26	1A	1,974.05	1A	1,615.85	1A	1,257.64	1A	909.67	1A	541.83	1A	208.77	1A	0	1A	0	1A	1A
1B	2,324.80	1B	1,966.58	1B	1,603.38	1B	1,250.17	1B	902.23	1B	534.48	1B	202.35	1B	0	1B	0	1B	1B
2	2,317.34	2	1,959.13	2	1,590.92	2	1,242.71	2	894.78	2	527.09	2	195.93	2	0	2	0	2	2
3	2,309.88	3	1,951.67	3	1,583.46	3	1,235.25	3	887.33	3	519.71	3	189.51	3	0	3	0	3	3
1A	2,302.41	1A	1,944.20	1A	1,586.99	1A	1,227.78	1A	880.88	1A	512.34	1A	183.09	1A	0	1A	0	1A	1A
1B	2,294.95	1B	1,936.74	1B	1,579.53	1B	1,220.32	1B	873.43	1B	505.96	1B	176.74	1B	0	1B	0	1B	1B
2A	2,287.48	2A	1,929.28	2A	1,571.07	2A	1,212.86	2A	865.96	2A	497.76	2A	170.39	2A	0	2A	0	2A	2A
3	2,280.03	3	1,921.82	3	1,563.61	3	1,205.40	3	857.53	3	490.48	3	164.08	3	0	3	0	3	3
1A	2,272.56	1A	1,914.36	1A	1,556.14	1A	1,197.93	1A	849.08	1A	483.17	1A	157.70	1A	0	1A	0	1A	1A
1B	2,265.10	1B	1,906.90	1B	1,548.68	1B	1,190.47	1B	841.63	1B	475.96	1B	151.43	1B	0	1B	0	1B	1B
2	2,257.64	2	1,899.43	2	1,541.22	2	1,183.01	2	834.19	2	468.73	2	145.16	2	0	2	0	2	2
3	2,250.17	3	1,891.97	3	1,533.76	3	1,175.55	3	826.74	3	461.51	3	138.89	3	0	3	0	3	3
1A	2,242.71	1A	1,884.50	1A	1,526.29	1A	1,168.08	1A	819.30	1A	454.30	1A	132.61	1A	0	1A	0	1A	1A
1B	2,235.25	1B	1,877.04	1B	1,518.83	1B	1,160.63	1B	811.85	1B	447.16	1B	126.42	1B	0	1B	0	1B	1B
2A	2,227.78	2A	1,869.58	2A	1,511.37	2A	1,153.17	2A	804.39	2A	440.02	2A	120.23	2A	0	2A	0	2A	2A
3	2,220.32	3	1,862.11	3	1,503.90	3	1,145.70	3	797.94	3	432.89	3	114.04	3	0	3	0	3	3
1A	2,212.86	1A	1,854.64	1A	1,496.44	1A	1,138.23	1A	790.48	1A	425.75	1A	107.86	1A	0	1A	0	1A	1A
1B	2,205.40	1B	1,847.18	1B	1,488.98	1B	1,130.77	1B	783.04	1B	418.70	1B	101.73	1B	0	1B	0	1B	1B
2	2,197.94	2	1,839.73	2	1,481.52	2	1,123.31	2	775.59	2	411.54	2	95.62	2	0	2	0	2	2
3	2,190.47	3	1,832.26	3	1,474.06	3	1,115.84	3	768.13	3	404.38	3	89.51	3	0	3	0	3	3
1A	2,183.01	1A	1,824.80	1A	1,466.59	1A	1,108.38	1A	760.67	1A	397.53	1A	83.40	1A	0	1A	0	1A	1A
1B	2,175.55	1B	1,817.34	1B	1,459.13	1B	1,100.92	1B	753.21	1B	390.66	1B	77.37	1B	0	1B	0	1B	1B
2A	2,168.09	2A	1,809.88	2A	1,451.67	2A	1,093.46	2A	745.76	2A	383.89	2A	71.24	2A	0	2A	0	2A	2A
3	2,160.62	3	1,802.41	3	1,444.20	3	1,086.99	3	738.30	3	376.91	3	65.31	3	0	3	0	3	3
1A	2,153.16	1A	1,794.95	1A	1,436.74	1A	1,079.53	1A	730.83	1A	369.64	1A	59.28	1A	0	1A	0	1A	1A
1B	2,145.70	1B	1,787.49	1B	1,429.28	1B	1,071.07	1B	723.36	1B	362.74	1B	53.80	1B	0	1B	0	1B	1B
2	2,138.23	2	1,780.02	2	1,421.82	2	1,063.61	2	705.90	2	355.84	2	48.31	2	0	2	0	2	2
3	2,130.77	3	1,772.56	3	1,414.36	3	1,056.16	3	698.43	3	348.94	3	42.83	3	0	3	0	3	3
1A	2,123.31	1A	1,765.10	1A	1,406.90	1A	1,048.69	1A	690.97	1A	342.08	1A	37.36	1A	0	1A	0	1A	1A
1B	2,115.85	1B	1,757.64	1B	1,399.43	1B	1,041.24	1B	683.51	1B	335.22	1B	31.88	1B	0	1B	0	1B	1B
2A	2,108.38	2A	1,750.17	2A	1,391.96	2A	1,033.78	2A	676.06	2A	328.39	2A	26.36	2A	0	2A	0	2A	2A
3	2,100.92	3	1,742.71	3	1,384.50	3	1,026.32	3	668.60	3	321.87	3	20.88	3	0	3	0	3	3
1A	2,093.46	1A	1,735.25	1A	1,377.04	1A	1,018.87	1A	661.12	1A	314.74	1A	15.40	1A	0	1A	0	1A	1A
1B	2,086.00	1B	1,727.79	1B	1,369.58	1B	1,011.42	1B	653.66	1B	308.00	1B	10.43	1B	0	1B	0	1B	1B
2	2,078.53	2	1,720.32	2	1,362.11	2	1,003.96	2	646.29	2	301.25	2	4.95	2	0	2	0	2	2



HSM 3144 FORMERLY BARGE "EBL 2974"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33
34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34

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 ULLAGE GAUGES TAKEN ON EXPANSION DOME.

GAUGE PORT: (HERMETIC) LOCATED 65'-00" OFF CENTERLINE AND 01'-00" FORWARD OF AFT BULKHEAD.

GAUGE POIN: (10" HATCH) LOCATED 65'-00" OFF CENTERLINE AND 02'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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HSM 3144 FORMERLY
BARGE "EBL 2974"

2 PORT
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS																			
10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	2,437.15	0	2,111.06	0	1,786.96	0	1,462.86	0	1,138.76	0	814.66	0	490.56	0	166.46	0	342.36	0	18.26
1	2,440.85	1	2,114.76	1	1,790.66	1	1,466.56	1	1,142.46	1	818.36	1	494.26	1	170.16	1	346.06	1	21.96
2	2,444.55	2	2,118.46	2	1,794.36	2	1,470.26	2	1,146.16	2	822.06	2	497.96	2	173.86	2	349.76	2	25.66
3	2,448.25	3	2,122.16	3	1,798.06	3	1,473.96	3	1,149.86	3	825.76	3	501.66	3	177.56	3	353.46	3	29.36
4	2,451.95	4	2,125.86	4	1,801.76	4	1,477.66	4	1,153.56	4	829.46	4	505.36	4	181.26	4	357.16	4	33.06
5	2,455.65	5	2,129.56	5	1,805.46	5	1,481.36	5	1,157.26	5	833.16	5	509.06	5	184.96	5	360.86	5	36.76
6	2,459.35	6	2,133.26	6	1,809.16	6	1,485.06	6	1,160.96	6	836.86	6	512.76	6	188.66	6	364.56	6	40.46
7	2,463.05	7	2,136.96	7	1,812.86	7	1,488.76	7	1,164.66	7	840.56	7	516.46	7	192.36	7	368.26	7	44.16
8	2,466.75	8	2,140.66	8	1,816.56	8	1,492.46	8	1,168.36	8	844.26	8	520.16	8	196.06	8	371.96	8	47.86
9	2,470.45	9	2,144.36	9	1,820.26	9	1,496.16	9	1,172.06	9	847.96	9	523.86	9	199.76	9	375.66	9	51.56
10	2,474.15	10	2,148.06	10	1,823.96	10	1,499.86	10	1,175.76	10	851.66	10	527.56	10	203.46	10	379.36	10	55.26
11	2,477.85	11	2,151.76	11	1,827.66	11	1,503.56	11	1,179.46	11	855.36	11	531.26	11	207.16	11	383.06	11	58.96
12	2,481.55	12	2,155.46	12	1,831.36	12	1,507.26	12	1,183.16	12	859.06	12	534.96	12	210.86	12	386.76	12	62.66
13	2,485.25	13	2,159.16	13	1,835.06	13	1,510.96	13	1,186.86	13	862.76	13	538.66	13	214.56	13	390.46	13	66.36
14	2,488.95	14	2,162.86	14	1,838.76	14	1,514.66	14	1,190.56	14	866.46	14	542.36	14	218.26	14	394.16	14	70.06
15	2,492.65	15	2,166.56	15	1,842.46	15	1,518.36	15	1,194.26	15	870.16	15	546.06	15	221.96	15	397.86	15	73.76
16	2,496.35	16	2,170.26	16	1,846.16	16	1,522.06	16	1,197.96	16	873.86	16	549.76	16	225.66	16	401.56	16	77.46
17	2,499.95	17	2,173.96	17	1,849.86	17	1,525.76	17	1,201.66	17	877.56	17	553.46	17	229.36	17	405.26	17	81.16
18	2,503.65	18	2,177.66	18	1,853.56	18	1,529.46	18	1,205.36	18	881.26	18	557.16	18	233.06	18	408.96	18	84.86
19	2,507.35	19	2,181.36	19	1,857.26	19	1,533.16	19	1,209.06	19	884.96	19	560.86	19	236.76	19	412.66	19	88.56
20	2,511.05	20	2,185.06	20	1,860.96	20	1,536.86	20	1,212.76	20	888.66	20	564.56	20	240.46	20	416.36	20	92.26
21	2,514.75	21	2,188.76	21	1,864.66	21	1,540.56	21	1,216.46	21	892.36	21	568.26	21	244.16	21	420.06	21	95.96
22	2,518.45	22	2,192.46	22	1,868.36	22	1,544.26	22	1,220.16	22	896.06	22	571.96	22	247.86	22	423.76	22	99.66
23	2,522.15	23	2,196.16	23	1,872.06	23	1,547.96	23	1,223.86	23	900.06	23	575.66	23	251.56	23	427.46	23	103.36
24	2,525.85	24	2,199.86	24	1,875.76	24	1,551.66	24	1,227.56	24	903.76	24	579.36	24	255.26	24	431.16	24	107.06
25	2,529.55	25	2,203.56	25	1,879.46	25	1,555.36	25	1,231.26	25	907.46	25	583.06	25	258.96	25	434.86	25	110.76
26	2,533.25	26	2,207.26	26	1,883.16	26	1,559.06	26	1,234.96	26	911.16	26	586.76	26	262.66	26	438.56	26	114.46
27	2,536.95	27	2,210.96	27	1,886.86	27	1,562.76	27	1,238.66	27	914.86	27	590.46	27	266.36	27	442.26	27	118.16
28	2,540.65	28	2,214.66	28	1,890.56	28	1,566.46	28	1,242.36	28	918.56	28	594.16	28	270.06	28	445.96	28	121.86
29	2,544.35	29	2,218.36	29	1,894.26	29	1,570.16	29	1,246.06	29	922.26	29	597.86	29	273.76	29	449.66	29	125.56
30	2,548.05	30	2,222.06	30	1,897.96	30	1,573.86	30	1,249.76	30	925.96	30	601.56	30	277.46	30	453.36	30	129.26
31	2,551.75	31	2,225.76	31	1,901.66	31	1,577.56	31	1,253.46	31	929.66	31	605.26	31	281.16	31	457.06	31	132.96
32	2,555.45	32	2,229.46	32	1,905.36	32	1,581.26	32	1,257.16	32	933.36	32	608.96	32	284.86	32	460.76	32	136.66
33	2,559.15	33	2,233.16	33	1,909.06	33	1,584.96	33	1,260.86	33	937.06	33	612.66	33	288.56	33	464.46	33	140.36
34	2,562.85	34	2,236.86	34	1,912.76	34	1,588.66	34	1,264.56	34	940.76	34	616.36	34	292.26	34	468.16	34	144.06
35	2,566.55	35	2,240.56	35	1,916.46	35	1,592.36	35	1,268.26	35	944.46	35	620.06	35	295.96	35	471.86	35	147.76
36	2,570.25	36	2,244.26	36	1,920.16	36	1,596.06	36	1,271.96	36	948.16	36	623.76	36	299.66	36	475.56	36	151.46
37	2,573.95	37	2,247.96	37	1,923.86	37	1,599.76	37	1,275.66	37	951.86	37	627.46	37	303.36	37	479.26	37	155.16
38	2,577.65	38	2,251.66	38	1,927.56	38	1,603.46	38	1,279.36	38	955.56	38	631.16	38	307.06	38	482.96	38	158.86
39	2,581.35	39	2,255.36	39	1,931.26	39	1,607.16	39	1,283.06	39	959.26	39	634.86	39	310.76	39	486.66	39	162.56
40	2,585.05	40	2,259.06	40	1,934.96	40	1,610.86	40	1,286.76	40	962.96	40	638.56	40	314.46	40	490.36	40	166.26
41	2,588.75	41	2,262.76	41	1,938.66	41	1,614.56	41	1,290.46	41	966.66	41	642.26	41	318.16	41	494.06	41	169.96
42	2,592.45	42	2,266.46																



2 STBD
ULLAGE TABLE

[illegible]

GAUGE POINT: (HERMETIC) LOCATED 03'-00" OFF CENTERLINE AND 01'-00" FORWARD OF AFT BULKHEAD.
GAUGE POINT: (16" HATCH) LOCATED 03'-00" OFF CENTERLINE AND 02'-00" FORWARD OF AFT BULKHEAD.

Portland, Texas 77501
P.O. Box 2002

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SHEET NO. 7 OF 12



HSM 3144 FORMERLY
BARGE "EBL 2974"

2 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN		16 FT.		11 FT.		12 FT.		13 FT.		14 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	16 FT.	IN	16 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,489.80	0	2,139.43	0	1,780.34	0	1,421.26	0	1,061.34	0	801.32	0	541.30	0	381.32	0	221.34	0	6.72
1	2,491.03	1	2,131.94	1	1,772.98	1	1,413.77	1	1,053.77	1	793.75	1	533.73	1	373.75	1	213.75	1	7.95
2	2,493.54	2	2,124.48	2	1,765.52	2	1,406.51	2	1,046.51	2	786.49	2	526.49	2	366.49	2	206.49	2	9.18
3	2,496.05	3	2,116.98	3	1,758.26	3	1,399.25	3	1,039.25	3	779.23	3	519.23	3	359.23	3	199.23	3	10.41
4	2,498.56	4	2,109.49	4	1,750.91	4	1,391.90	4	1,031.90	4	771.97	4	511.97	4	351.97	4	191.97	4	11.64
5	2,501.07	5	2,102.02	5	1,743.65	5	1,384.64	5	1,024.64	5	764.71	5	504.71	5	344.71	5	184.71	5	12.87
6	2,503.58	6	2,094.54	6	1,736.39	6	1,377.38	6	1,017.38	6	757.45	6	497.45	6	337.45	6	177.45	6	14.10
7	2,506.09	7	2,087.07	7	1,729.13	7	1,370.12	7	1,010.12	7	750.19	7	490.19	7	330.19	7	170.19	7	15.33
8	2,508.60	8	2,079.57	8	1,721.87	8	1,362.86	8	1,002.86	8	742.93	8	482.93	8	322.93	8	162.93	8	16.56
9	2,511.11	9	2,072.08	9	1,714.61	9	1,355.60	9	995.60	9	735.67	9	475.67	9	315.67	9	155.67	9	17.79
10	2,513.62	10	2,064.59	10	1,707.35	10	1,348.34	10	988.34	10	728.41	10	468.41	10	308.41	10	148.41	10	19.02
11	2,516.13	11	2,057.13	11	1,700.09	11	1,341.08	11	981.08	11	721.15	11	461.15	11	301.15	11	141.15	11	20.25
12	2,518.64	12	2,049.63	12	1,692.83	12	1,333.82	12	973.82	12	713.89	12	453.89	12	293.89	12	133.89	12	21.48
13	2,521.15	13	2,042.17	13	1,685.57	13	1,326.56	13	966.56	13	706.63	13	446.63	13	286.63	13	126.63	13	22.71
14	2,523.66	14	2,034.67	14	1,678.31	14	1,319.30	14	959.30	14	699.37	14	439.37	14	279.37	14	119.37	14	23.94
15	2,526.17	15	2,027.21	15	1,671.05	15	1,312.04	15	952.04	15	692.11	15	432.11	15	272.11	15	112.11	15	25.17
16	2,528.68	16	2,019.75	16	1,663.79	16	1,304.78	16	944.78	16	684.85	16	424.85	16	264.85	16	104.85	16	26.40
17	2,531.19	17	2,012.28	17	1,656.53	17	1,297.52	17	937.52	17	677.59	17	417.59	17	257.59	17	97.59	17	27.63
18	2,533.70	18	2,004.77	18	1,649.27	18	1,290.26	18	930.26	18	670.33	18	410.33	18	250.33	18	90.33	18	28.86
19	2,536.21	19	1,997.28	19	1,642.01	19	1,283.00	19	923.00	19	663.07	19	403.07	19	243.07	19	83.07	19	30.09
20	2,538.72	20	1,989.79	20	1,634.75	20	1,275.74	20	915.74	20	655.81	20	395.81	20	235.81	20	75.81	20	31.32
21	2,541.23	21	1,982.32	21	1,627.49	21	1,268.48	21	908.48	21	648.55	21	388.55	21	228.55	21	68.55	21	32.55
22	2,543.74	22	1,974.86	22	1,620.23	22	1,261.22	22	901.22	22	641.29	22	381.29	22	221.29	22	61.29	22	33.78
23	2,546.25	23	1,967.37	23	1,612.97	23	1,253.96	23	893.96	23	634.03	23	374.03	23	214.03	23	54.03	23	35.01
24	2,548.76	24	1,959.91	24	1,605.71	24	1,246.70	24	886.70	24	626.77	24	366.77	24	206.77	24	46.77	24	36.24
25	2,551.27	25	1,952.44	25	1,598.45	25	1,239.44	25	879.44	25	619.51	25	359.51	25	199.51	25	38.51	25	37.47
26	2,553.78	26	1,944.98	26	1,591.19	26	1,232.18	26	872.18	26	612.25	26	352.25	26	192.25	26	30.25	26	38.70
27	2,556.29	27	1,937.52	27	1,583.93	27	1,224.92	27	864.92	27	605.01	27	345.01	27	185.01	27	22.01	27	39.93
28	2,558.80	28	1,930.06	28	1,576.67	28	1,217.66	28	857.66	28	597.75	28	337.75	28	177.75	28	13.75	28	41.16
29	2,561.31	29	1,922.60	29	1,569.41	29	1,210.40	29	850.40	29	590.49	29	330.49	29	170.49	29	5.49	29	42.39
30	2,563.82	30	1,915.14	30	1,562.15	30	1,203.14	30	843.14	30	583.19	30	323.19	30	163.19	30	16.19	30	43.62
31	2,566.33	31	1,907.68	31	1,554.89	31	1,195.88	31	835.88	31	575.93	31	315.93	31	155.93	31	27.93	31	44.85
32	2,568.84	32	1,900.22	32	1,547.63	32	1,188.62	32	828.62	32	568.67	32	308.67	32	148.67	32	33.67	32	46.08
33	2,571.35	33	1,892.76	33	1,540.37	33	1,181.36	33	821.36	33	561.41	33	301.41	33	141.41	33	39.41	33	47.31
34	2,573.86	34	1,885.30	34	1,533.11	34	1,174.10	34	814.10	34	554.15	34	294.15	34	134.15	34	45.15	34	48.54
35	2,576.37	35	1,877.84	35	1,525.85	35	1,166.84	35	806.84	35	546.89	35	286.89	35	126.89	35	51.89	35	49.77
36	2,578.88	36	1,870.38	36	1,518.59	36	1,159.58	36	799.58	36	539.63	36	279.63	36	119.63	36	57.63	36	51.00
37	2,581.39	37	1,862.92	37	1,511.33	37	1,152.32	37	792.32	37	532.37	37	272.37	37	112.37	37	63.37	37	52.23
38	2,583.90	38	1,855.46	38	1,504.07	38	1,145.06	38	785.06	38	525.11	38	265.11	38	105.11	38	69.11	38	53.46
39	2,586.41	39	1,848.00	39	1,496.81	39	1,137.80	39	777.80	39	517.85	39	257.85	39	97.85	39	75.85	39	54.69
40	2,588.92	40	1,840.54	40	1,489.55	40	1,130.54	40	770.54	40	510.59	40	250.59	40	90.59	40	81.59	40	55.92
41	2,591.43	41	1,833.08	41	1,482.29	41	1,123.28	41	763.28	41	503.33	41	243.33	41	83.33	41	87.33	41	57.15
42	2,593.94	42	1,825.62	42	1,475.03	42	1,116.02	42	756.02	42	496.07	42	236.07	42	76.07	42	93.07	42	58.38
43	2,596.45	43	1,818.16	43	1,467.77	43	1,108.76	43	748.76	43	488.81	43	228.81	43	68.81	43	98.81	43	59.61
44	2,598.96	44	1,810.70	44	1,460.51	44	1,101.50	44	741.50	44	481.55	44	221.55	44	61.55	44	104.55	44	60.84
45	2,601.47	45	1,803.24	45	1,453.25	45	1,094.24	45	734.24	45	474.29	45	214.29	45	54.29	45	110.29	45	62.07
46	2,603.98	46	1,795.78	46	1,446.00	46	1,086.98	46	727.00	46	467.03	46	207.03	46	47.03	46	116.03	46	63.30
47	2,606.49	47	1,788.																



**3 PORT
ULLAGE TABLE**

[illegible]

GAUGE POINT: (HERMETIC) LOCATED 03'-00" OFF CENTERLINE AND 01'-00" FORWARD OF AFT BULKHEAD.
GAUGE POINT: (11" HATCH) LOCATED 03'-00" OFF CENTERLINE AND 02'-00" FORWARD OF AFT BULKHEAD.

Partners, Teams & Teams
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[Signature]



HSM 3144 FORMERLY
BARGE "EBL 2974"

3 PORT
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.
0	2,474.82	0	2,120.20	0	1,766.08	0	1,409.01	0	1,052.13	0	704.81	0	348.98	0	13.40	0	0
1/4	2,487.11	1/4	2,132.49	1/4	1,778.37	1/4	1,421.30	1/4	1,064.42	1/4	717.10	1/4	361.27	1/4	15.79	1/4	1/4
1/2	2,499.40	1/2	2,144.78	1/2	1,790.66	1/2	1,433.59	1/2	1,076.71	1/2	729.39	1/2	373.56	1/2	17.18	1/2	1/2
3/4	2,511.69	3/4	2,157.07	3/4	1,802.95	3/4	1,445.88	3/4	1,088.99	3/4	741.68	3/4	385.85	3/4	18.57	3/4	3/4
1	2,523.98	1	2,169.36	1	1,815.24	1	1,458.17	1	1,101.28	1	753.97	1	398.14	1	19.96	1	1
1 1/4	2,536.27	1 1/4	2,181.65	1 1/4	1,827.53	1 1/4	1,470.46	1 1/4	1,113.57	1 1/4	766.26	1 1/4	410.43	1 1/4	21.35	1 1/4	1 1/4
1 1/2	2,548.56	1 1/2	2,193.94	1 1/2	1,839.82	1 1/2	1,482.75	1 1/2	1,125.86	1 1/2	778.55	1 1/2	422.72	1 1/2	22.74	1 1/2	1 1/2
1 3/4	2,560.85	1 3/4	2,206.23	1 3/4	1,852.11	1 3/4	1,495.04	1 3/4	1,138.15	1 3/4	790.84	1 3/4	435.01	1 3/4	24.13	1 3/4	1 3/4
2	2,573.14	2	2,218.52	2	1,864.40	2	1,507.33	2	1,150.44	2	803.13	2	447.30	2	25.52	2	2
2 1/4	2,585.43	2 1/4	2,230.81	2 1/4	1,876.69	2 1/4	1,519.62	2 1/4	1,162.73	2 1/4	815.42	2 1/4	459.59	2 1/4	26.91	2 1/4	2 1/4
2 1/2	2,597.72	2 1/2	2,243.10	2 1/2	1,888.98	2 1/2	1,531.91	2 1/2	1,175.02	2 1/2	827.71	2 1/2	471.88	2 1/2	28.30	2 1/2	2 1/2
2 3/4	2,610.01	2 3/4	2,255.39	2 3/4	1,901.27	2 3/4	1,544.20	2 3/4	1,187.31	2 3/4	839.99	2 3/4	484.17	2 3/4	29.69	2 3/4	2 3/4
3	2,622.30	3	2,267.68	3	1,913.56	3	1,556.49	3	1,199.60	3	852.28	3	496.46	3	31.08	3	3
3 1/4	2,634.59	3 1/4	2,279.97	3 1/4	1,925.85	3 1/4	1,568.78	3 1/4	1,211.89	3 1/4	864.57	3 1/4	508.75	3 1/4	32.47	3 1/4	3 1/4
3 1/2	2,646.88	3 1/2	2,292.26	3 1/2	1,938.14	3 1/2	1,581.07	3 1/2	1,224.18	3 1/2	876.86	3 1/2	521.04	3 1/2	33.86	3 1/2	3 1/2
3 3/4	2,659.17	3 3/4	2,304.55	3 3/4	1,950.43	3 3/4	1,593.36	3 3/4	1,236.47	3 3/4	889.15	3 3/4	533.33	3 3/4	35.25	3 3/4	3 3/4
4	2,671.46	4	2,316.84	4	1,962.72	4	1,605.65	4	1,248.76	4	901.44	4	545.62	4	36.64	4	4
4 1/4	2,683.75	4 1/4	2,329.13	4 1/4	1,975.01	4 1/4	1,617.94	4 1/4	1,261.05	4 1/4	913.73	4 1/4	557.91	4 1/4	38.03	4 1/4	4 1/4
4 1/2	2,696.04	4 1/2	2,341.42	4 1/2	1,987.30	4 1/2	1,630.23	4 1/2	1,273.34	4 1/2	926.02	4 1/2	570.20	4 1/2	39.42	4 1/2	4 1/2
4 3/4	2,708.33	4 3/4	2,353.71	4 3/4	1,999.59	4 3/4	1,642.52	4 3/4	1,285.63	4 3/4	938.31	4 3/4	582.49	4 3/4	40.81	4 3/4	4 3/4
5	2,720.62	5	2,366.00	5	2,011.88	5	1,654.81	5	1,297.92	5	950.60	5	594.78	5	42.20	5	5
5 1/4	2,732.91	5 1/4	2,378.29	5 1/4	2,024.17	5 1/4	1,667.10	5 1/4	1,310.21	5 1/4	962.89	5 1/4	607.07	5 1/4	43.59	5 1/4	5 1/4
5 1/2	2,745.20	5 1/2	2,390.58	5 1/2	2,036.46	5 1/2	1,679.39	5 1/2	1,322.50	5 1/2	975.18	5 1/2	619.36	5 1/2	44.98	5 1/2	5 1/2
5 3/4	2,757.49	5 3/4	2,402.87	5 3/4	2,048.75	5 3/4	1,691.68	5 3/4	1,334.79	5 3/4	987.47	5 3/4	631.65	5 3/4	46.37	5 3/4	5 3/4
6	2,769.78	6	2,415.16	6	2,061.04	6	1,703.97	6	1,347.08	6	1,000.00	6	643.94	6	47.76	6	6
6 1/4	2,782.07	6 1/4	2,427.45	6 1/4	2,073.33	6 1/4	1,716.26	6 1/4	1,359.37	6 1/4	1,012.29	6 1/4	656.23	6 1/4	49.15	6 1/4	6 1/4
6 1/2	2,794.36	6 1/2	2,439.74	6 1/2	2,085.62	6 1/2	1,728.55	6 1/2	1,371.66	6 1/2	1,024.58	6 1/2	668.52	6 1/2	50.54	6 1/2	6 1/2
6 3/4	2,806.65	6 3/4	2,452.03	6 3/4	2,097.91	6 3/4	1,740.84	6 3/4	1,383.95	6 3/4	1,036.87	6 3/4	680.81	6 3/4	51.93	6 3/4	6 3/4
7	2,818.94	7	2,464.32	7	2,110.20	7	1,753.13	7	1,396.24	7	1,049.16	7	693.10	7	53.32	7	7
7 1/4	2,831.23	7 1/4	2,476.61	7 1/4	2,122.49	7 1/4	1,765.42	7 1/4	1,408.53	7 1/4	1,061.45	7 1/4	705.39	7 1/4	54.71	7 1/4	7 1/4
7 1/2	2,843.52	7 1/2	2,488.90	7 1/2	2,134.78	7 1/2	1,777.71	7 1/2	1,420.82	7 1/2	1,073.74	7 1/2	717.68	7 1/2	56.10	7 1/2	7 1/2
7 3/4	2,855.81	7 3/4	2,501.19	7 3/4	2,147.07	7 3/4	1,789.99	7 3/4	1,433.11	7 3/4	1,086.03	7 3/4	729.97	7 3/4	57.49	7 3/4	7 3/4
8	2,868.10	8	2,513.48	8	2,159.36	8	1,802.28	8	1,445.40	8	1,098.32	8	742.26	8	58.88	8	8
8 1/4	2,880.39	8 1/4	2,525.77	8 1/4	2,171.65	8 1/4	1,814.57	8 1/4	1,457.69	8 1/4	1,110.61	8 1/4	754.55	8 1/4	60.27	8 1/4	8 1/4
8 1/2	2,892.68	8 1/2	2,538.06	8 1/2	2,183.94	8 1/2	1,826.86	8 1/2	1,469.98	8 1/2	1,122.90	8 1/2	766.84	8 1/2	61.66	8 1/2	8 1/2
8 3/4	2,904.97	8 3/4	2,550.35	8 3/4	2,196.23	8 3/4	1,839.15	8 3/4	1,482.27	8 3/4	1,135.19	8 3/4	779.13	8 3/4	63.05	8 3/4	8 3/4
9	2,917.26	9	2,562.64	9	2,208.52	9	1,851.44	9	1,494.56	9	1,147.48	9	791.42	9	64.44	9	9
9 1/4	2,929.55	9 1/4	2,574.93	9 1/4	2,220.81	9 1/4	1,863.73	9 1/4	1,506.85	9 1/4	1,159.77	9 1/4	803.71	9 1/4	65.83	9 1/4	9 1/4
9 1/2	2,941.84	9 1/2	2,587.22	9 1/2	2,233.10	9 1/2	1,876.02	9 1/2	1,519.14	9 1/2	1,172.06	9 1/2	816.00	9 1/2	67.22	9 1/2	9 1/2
9 3/4	2,954.13	9 3/4	2,599.51	9 3/4	2,245.39	9 3/4	1,888.31	9 3/4	1,531.43	9 3/4	1,184.35	9 3/4	828.29	9 3/4	68.61	9 3/4	9 3/4
10	2,966.42	10	2,611.80	10	2,257.68	10	1,900.60	10	1,543.72	10	1,196.64	10	840.58	10	70.00	10	10
10 1/4	2,978.71	10 1/4	2,624.09	10 1/4	2,269.97	10 1/4	1,912.89	10 1/4	1,556.01	10 1/4	1,208.93	10 1/4	852.87	10 1/4	71.39	10 1/4	10 1/4
10 1/2	2,991.00	10 1/2	2,636.38	10 1/2	2,282.26	10 1/2	1,925.18	10 1/2	1,568.30	10 1/2	1,221.22	10 1/2	865.16	10 1/2	72.78	10 1/2	10 1/2
10 3/4	3,003.29	10 3/4	2,648.67	10 3/4	2,294.55	10 3/4	1,937.47	10 3/4	1,580.59	10 3/4	1,233.51	10 3/4	877.45	10 3/4	74.17	10 3/4	10 3/4
11	3,015.58	11	2,660.96	11	2,306.84	11	1,949.76	11	1,592.88	11	1,245.80	11	889.74	11	75.56	11	11
11 1/4	3,027.87	11 1/4	2,673.25	11 1/4	2,319.13	11 1/4	1,962.05	11 1/4	1,605.17	11 1/4	1,258.09	11 1/4	902.03	11 1/4	76.95	11 1/4	11 1/4
11 1/2	3,040.16	11 1/2	2,685.54	11 1/2	2,331.42	11 1/2	1,974.34	11 1/2	1,617.46	11 1/2	1,270.38	11 1/2	914.32	11 1/2	78.34	11 1/2	11 1/2
11 3/4	3,052.45	11 3/4	2,697.83	11 3/4	2,343.71	11 3/4	1,986.63	11 3/4	1,629.75	11 3/4	1,282.67	11 3/4	926.61	11 3/4	79.73	11 3/4	11 3/4
12	3,064.74	12	2,710.12	12	2,356.00	12	1,998.92	12	1,642.04	12	1,294.96	12	938.90	12	81.12	12	12
12 1/4	3,077.03	12 1/4	2,722.41	12 1/4	2,368.29	12 1/4	2,011.21	12 1/4	1,654.33	12 1/4	1,307.25	12 1/4	951.19	12 1/4	82.51	12 1/4	12 1/4
12 1/2	3,089.32	12 1/2	2,734.70	12 1/2	2,380.58	12 1/2	2,023.50	12 1/2	1,666.62	12 1/2	1,319.54	12 1/2	963.48	12 1/2	83.90	12 1/2	12 1/2
12 3/4	3,101.61	12 3/4	2,746.99	12 3/4	2,392.87	12 3/4	2,035.79	12 3/4	1,678.91	12 3/4	1,331.83	12 3/4	975.77	12 3/4	85.29	12 3/4	12 3/4
13	3,113.90	13	2,759.28	13	2,405.16	13	2,048.08	13	1,691.20	13	1,344.12	13	988.06	13	86.68	13	13
13 1/4	3,126.19	13 1/4	2,771.57	13 1/4	2,417.45	13 1/4	2,060.37	13 1/4	1,703.49	13 1/4	1,356.41	13 1/4	1,000.35	13 1/4	88.07	13 1/4	13 1/4
13 1/2	3,138.48	13 1/2	2,783.86	13 1/2	2,429.74	13 1/2	2,072.66	13 1/2	1,715.78	13 1/2	1,368.70	13 1/2	1,012.64	13 1/2	89.46	13 1/2	13 1/2
13 3/4	3,150.77	13 3/4	2,796.15	13 3/4	2,442.03	13 3/4	2,084.95	13 3/4	1,728.07	13 3/4	1,380.99	13 3/4	1,024.93	13 3/4	90.85	13 3/4	13 3/4
14	3,163.06	14	2,808.44	14	2,454.32	14	2,097.24	14	1,740.36	14	1,393.28	14	1,037.22	14	92.24	14	14
14 1/4	3,175.35	14 1/4	2,820.73	14 1/4	2,466.61	14 1/4	2,109.53	14 1/4	1,752.65	14 1/4	1,405.57	14 1/4	1,049.51	14 1/4	93.63	14 1/4	14 1/4
14 1/2	3,187.64	14 1/2	2,833.02	14 1/2	2,478.90	14 1/2	2,121.82	14 1/2	1,764.94	14 1/2	1,417.86	14 1/2	1,061.80	14 1/2	95.02	14 1/2	14 1/2
14 3/4	3,199.93	14 3/4	2,845.31	14 3/4	2,491.19	14 3/4	2,134.11	14 3/4	1,777.23	14 3/4	1,430.15	14 3/4	1,074.09	14 3/4	96.41	14 3/4	14 3/4
15	3,212.22	15	2,857.60	15	2,503.48	15	2,146.40	15	1,789.52	15	1,442.44	15	1,086.38	15	97.80	15	15
15 1/4	3,224.51	15 1/4	2,869.89	15 1/4	2,515.77	15 1/4	2,158.69	15 1/4	1,801.81								



3 STBD

VILLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF U.S. GALLONS

[illegible]

BARGE STRAPPED AND COMPLETED IN ACCORDANCE WITH IMPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN DARGE IS ON EVEN ROW.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN ON EXPANSION DOME.

GAUGE POINT: THERMISTIC LOCATED 65" OFF CENTERLINE AND 61" OFF FORWARD OF AFT BULL HEAD

GAUGE POINT: (10' HIGH) LOCATED 95' 90" OFF CENTERLINE AND 02' 00" FORWARD OF SET IN DEAR

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PROTECTION MEASUREMENT

RAINIER PAC

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

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SHEET NO. 11 OF 12



HSM 3144 FORMERLY BARGE "EBL 2974"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	16 FT.	15 FT.	14 FT.	13 FT.	12 FT.	11 FT.	10 FT.	9 FT.	8 FT.	7 FT.	6 FT.	5 FT.	4 FT.	3 FT.	2 FT.	1 FT.	GAUGE HEIGHT 17'-01 1/4"
0	2,493.74	0	2,136.40	0	1,779.06	0	1,421.72	0	1,064.38	0	707.04	0	349.70	0	13.40	0	18 FT.
1	2,493.74	1	2,136.40	1	1,779.06	1	1,421.72	1	1,064.38	1	707.04	1	349.70	1	13.40	1	18 FT.
2	2,493.74	2	2,136.40	2	1,779.06	2	1,421.72	2	1,064.38	2	707.04	2	349.70	2	13.40	2	18 FT.
3	2,493.74	3	2,136.40	3	1,779.06	3	1,421.72	3	1,064.38	3	707.04	3	349.70	3	13.40	3	18 FT.
4	2,493.74	4	2,136.40	4	1,779.06	4	1,421.72	4	1,064.38	4	707.04	4	349.70	4	13.40	4	18 FT.
5	2,493.74	5	2,136.40	5	1,779.06	5	1,421.72	5	1,064.38	5	707.04	5	349.70	5	13.40	5	18 FT.
6	2,493.74	6	2,136.40	6	1,779.06	6	1,421.72	6	1,064.38	6	707.04	6	349.70	6	13.40	6	18 FT.
7	2,493.74	7	2,136.40	7	1,779.06	7	1,421.72	7	1,064.38	7	707.04	7	349.70	7	13.40	7	18 FT.
8	2,493.74	8	2,136.40	8	1,779.06	8	1,421.72	8	1,064.38	8	707.04	8	349.70	8	13.40	8	18 FT.
9	2,493.74	9	2,136.40	9	1,779.06	9	1,421.72	9	1,064.38	9	707.04	9	349.70	9	13.40	9	18 FT.
10	2,493.74	10	2,136.40	10	1,779.06	10	1,421.72	10	1,064.38	10	707.04	10	349.70	10	13.40	10	18 FT.
11	2,493.74	11	2,136.40	11	1,779.06	11	1,421.72	11	1,064.38	11	707.04	11	349.70	11	13.40	11	18 FT.
12	2,493.74	12	2,136.40	12	1,779.06	12	1,421.72	12	1,064.38	12	707.04	12	349.70	12	13.40	12	18 FT.
13	2,493.74	13	2,136.40	13	1,779.06	13	1,421.72	13	1,064.38	13	707.04	13	349.70	13	13.40	13	18 FT.
14	2,493.74	14	2,136.40	14	1,779.06	14	1,421.72	14	1,064.38	14	707.04	14	349.70	14	13.40	14	18 FT.
15	2,493.74	15	2,136.40	15	1,779.06	15	1,421.72	15	1,064.38	15	707.04	15	349.70	15	13.40	15	18 FT.
16	2,493.74	16	2,136.40	16	1,779.06	16	1,421.72	16	1,064.38	16	707.04	16	349.70	16	13.40	16	18 FT.
17	2,493.74	17	2,136.40	17	1,779.06	17	1,421.72	17	1,064.38	17	707.04	17	349.70	17	13.40	17	18 FT.
18	2,493.74	18	2,136.40	18	1,779.06	18	1,421.72	18	1,064.38	18	707.04	18	349.70	18	13.40	18	18 FT.
19	2,493.74	19	2,136.40	19	1,779.06	19	1,421.72	19	1,064.38	19	707.04	19	349.70	19	13.40	19	18 FT.
20	2,493.74	20	2,136.40	20	1,779.06	20	1,421.72	20	1,064.38	20	707.04	20	349.70	20	13.40	20	18 FT.
21	2,493.74	21	2,136.40	21	1,779.06	21	1,421.72	21	1,064.38	21	707.04	21	349.70	21	13.40	21	18 FT.
22	2,493.74	22	2,136.40	22	1,779.06	22	1,421.72	22	1,064.38	22	707.04	22	349.70	22	13.40	22	18 FT.
23	2,493.74	23	2,136.40	23	1,779.06	23	1,421.72	23	1,064.38	23	707.04	23	349.70	23	13.40	23	18 FT.
24	2,493.74	24	2,136.40	24	1,779.06	24	1,421.72	24	1,064.38	24	707.04	24	349.70	24	13.40	24	18 FT.
25	2,493.74	25	2,136.40	25	1,779.06	25	1,421.72	25	1,064.38	25	707.04	25	349.70	25	13.40	25	18 FT.
26	2,493.74	26	2,136.40	26	1,779.06	26	1,421.72	26	1,064.38	26	707.04	26	349.70	26	13.40	26	18 FT.
27	2,493.74	27	2,136.40	27	1,779.06	27	1,421.72	27	1,064.38	27	707.04	27	349.70	27	13.40	27	18 FT.
28	2,493.74	28	2,136.40	28	1,779.06	28	1,421.72	28	1,064.38	28	707.04	28	349.70	28	13.40	28	18 FT.
29	2,493.74	29	2,136.40	29	1,779.06	29	1,421.72	29	1,064.38	29	707.04	29	349.70	29	13.40	29	18 FT.
30	2,493.74	30	2,136.40	30	1,779.06	30	1,421.72	30	1,064.38	30	707.04	30	349.70	30	13.40	30	18 FT.
31	2,493.74	31	2,136.40	31	1,779.06	31	1,421.72	31	1,064.38	31	707.04	31	349.70	31	13.40	31	18 FT.
32	2,493.74	32	2,136.40	32	1,779.06	32	1,421.72	32	1,064.38	32	707.04	32	349.70	32	13.40	32	18 FT.
33	2,493.74	33	2,136.40	33	1,779.06	33	1,421.72	33	1,064.38	33	707.04	33	349.70	33	13.40	33	18 FT.
34	2,493.74	34	2,136.40	34	1,779.06	34	1,421.72	34	1,064.38	34	707.04	34	349.70	34	13.40	34	18 FT.
35	2,493.74	35	2,136.40	35	1,779.06	35	1,421.72	35	1,064.38	35	707.04	35	349.70	35	13.40	35	18 FT.
36	2,493.74	36	2,136.40	36	1,779.06	36	1,421.72	36	1,064.38	36	707.04	36	349.70	36	13.40	36	18 FT.
37	2,493.74	37	2,136.40	37	1,779.06	37	1,421.72	37	1,064.38	37	707.04	37	349.70	37	13.40	37	18 FT.
38	2,493.74	38	2,136.40	38	1,779.06	38	1,421.72	38	1,064.38	38	707.04	38	349.70	38	13.40	38	18 FT.
39	2,493.74	39	2,136.40	39	1,779.06	39	1,421.72	39	1,064.38	39	707.04	39	349.70	39	13.40	39	18 FT.
40	2,493.74	40	2,136.40	40	1,779.06	40	1,421.72	40	1,064.38	40	707.04	40	349.70	40	13.40	40	18 FT.
41	2,493.74	41	2,136.40	41	1,779.06	41	1,421.72	41	1,064.38	41	707.04	41	349.70	41	13.40	41	18 FT.
42	2,493.74	42	2,136.40	42	1,779.06	42	1,421.72	42	1,064.38	42	707.04	42	349.70	42	13.40	42	18 FT.
43	2,493.74	43	2,136.40	43	1,779.06	43	1,421.72	43	1,064.38	43	707.04	43	349.70	43	13.40	43	18 FT.
44	2,493.74	44	2,136.40	44	1,779.06	44	1,421.72	44	1,064.38	44	707.04	44	349.70	44	13.40	44	18 FT.
45	2,493.74	45	2,136.40	45	1,779.06	45	1,421.72	45	1,064.38	45	707.04	45	349.70	45	13.40	45	18 FT.
46	2,493.74	46	2,136.40	46	1,779.06	46	1,421.72	46	1,064.38	46	707.04	46	349.70	46	13.40	46	18 FT.
47	2,493.74	47	2,136.40	47	1,779.06	47	1,421.72	47	1,064.38	47	707.04	47	349.70	47	13.40	47	18 FT.
48	2,493.74	48	2,136.40	48	1,779.06	48	1,421.72	48	1,064.38	48	707.04	48	349.70	48	13.40	48	18 FT.
49	2,493.74	49	2,136.40	49	1,779.06	49	1,421.72	49	1,064.38	49	707.04	49	349.70	49	13.40	49	18 FT.
50	2,493.74	50	2,136.40	50	1,779.06	50	1,421.72	50	1,064.38	50	707.04	50	349.70	50	13.40	50	18 FT.
51	2,493.74	51	2,136.40	51	1,779.06	51	1,421.72	51	1,064.38	51	707.04	51	349.70	51	13.40	51	18 FT.
52	2,493.74	52	2,136.40	52	1,779.06	52	1,421.72	52	1,064.38	52	707.04	52	349.70	52	13.40	52	18 FT.
53	2,493.74	53	2,136.40	53	1,779.06	53	1,421.72	53	1,064.38	53	707.04	53	349.70	53	13.40	53	18 FT.
54	2,493.74	54	2,136.40	54	1,779.06	54	1,421.72	54	1,064.38	54	707.04	54	349.70	54	13.40	54	18 FT.
55	2,493.74	55	2,136.40	55	1,779.06	55	1,421.72	55	1,064.38	55	707.04	55	349.70	55	13.40	55	18 FT.
56	2,493.74	56	2,136.40	56	1,779.06	56	1,421.72	56	1,064.38	56	707.04	56	349.70	56	13.40	56	18 FT.
57	2,493.74	57	2,136.40	57	1,779.06	57	1,421.72	57	1,064.38	57	707.04	57	349.70	57	13.40	57	18 FT.
58	2,493.74	58	2,136.40	58	1,779.06	58	1,421.72	58	1,064.38	58	707.04	58	349.70	58	13.40	58	18 FT.
59	2,493.74	59	2,136.40	59	1,779.06	59	1,421.72	59	1,064.38	59	707.04	59	349.70	59	13.40	59	18 FT.
60	2,493.74	60	2,136.40	60	1,779.06	60	1,421.72	60	1,064.38	60	707.04	60	349.70	60	13.40	60	18 FT.
61	2,493.74	61	2,136.40	61	1,779.06	61	1,421.72	61	1,064.38	61	707.04	61	349.70	61	13.40	61	18 FT.
62	2,493.74	62	2,136.40	62	1,779.06	62	1,421.72	62	1,064.38	62	707.04	62	349.70	62	13.40	62	18 FT.
63	2,493.74	63	2,136.40	63	1,779.06	63	1,421.72	63	1,064.38	63	707.04	63	349.70	63	13.40	63	18 FT.
64	2,493.74	64	2,136.40	64	1,779.06	64	1,421.72	64	1,064.38	64	707.04	64	349.70	64	13.40	64	18 FT.
65	2,493.74	65	2,136.40	65	1,779.06	65	1,421.72	65	1,064.38	65	707.04	65	349.70	65	13.40	65	18 FT.
66	2,493.74	66	2,136.40	66	1,779.06	66	1,421.72	66	1,064.38	66	707.04	66	349.70	66	13.40	66	18 FT.
67	2,493.74	67	2,136.40	67	1,779.06	67	1,421.72	67	1,064.38	67	707.04	67	349.70	67	13.40	67	18 FT.
68	2,493.74	68	2,136.40	68	1,779.06	68	1,421.72	68	1,064.38	68	707.04	68	349.70	68	13.40	68	18 FT.
69	2,493.74	69	2,136.40	69	1,779.06	69	1,421.72	69	1,064.38	69	707.04	69	349.70	69	13.40	69	18 FT.
70	2,493.74	70	2,136.40	70	1,779.06	70	1,										



**HSM 3144 FORMERLY
BARGE "EBL 2974"**
ULLAGE TRIM TABLE (10" HATCH)

	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 PORT	- 02-1/8	02-1/8	- 04-1/8	04-1/8	- 06-1/4	06-1/4	- 08-1/4	08-1/4	- 10-3/8	10-3/8	- 12-3/8	12-3/8
1 STBD	- 02-1/8	02-1/8	- 04-1/8	04-1/8	- 06-1/4	06-1/4	- 08-1/4	08-1/4	- 10-3/8	10-3/8	- 12-3/8	12-3/8
2 PORT	- 02-1/8	02-1/8	- 04-1/8	04-1/8	- 06-1/4	06-1/4	- 08-1/4	08-1/4	- 10-3/8	10-3/8	- 12-3/8	12-3/8
2 STBD	- 02-1/8	02-1/8	- 04-1/8	04-1/8	- 06-1/4	06-1/4	- 08-1/4	08-1/4	- 10-3/8	10-3/8	- 12-3/8	12-3/8
3 PORT	02-0/8	- 02-0/8	04-1/8	- 04-1/8	06-1/8	- 06-1/8	08-1/4	- 08-1/4	10-1/4	- 10-1/4	12-3/8	- 12-3/8
3 STBD	02-0/8	- 02-0/8	04-1/8	- 04-1/8	06-1/8	- 06-1/8	08-1/4	- 08-1/4	10-1/4	- 10-1/4	12-3/8	- 12-3/8

(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 1 PORT IS 04-1/8"
FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 4'-04 1/8"

LENGTH BETWEEN DRAFT MARKS: 237'-09"

May 20, 2016

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