

MAGNOLIA MARINE - BARGE "MM 101"

OUTAGE TABLE

1 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0	43	0	5589	0	13648	0	22573	0	31525	0	40477	0	49430	0	58382	0	67334	0	76287	0	85239	0	94191	0	103144
1/4	67	1/4	5746	1/4	13832	1/4	22759	1/4	31712	1/4	40664	1/4	49616	1/4	58569	1/4	67521	1/4	76473	1/4	85426	1/4	94378	1/4	103330
1/2	91	1/2	5902	1/2	14016	1/2	22946	1/2	31898	1/2	40850	1/2	49803	1/2	58755	1/2	67707	1/2	76660	1/2	85612	1/2	94564	1/2	103517
3/4	114	3/4	6059	3/4	14200	3/4	23132	3/4	32085	3/4	41037	3/4	49989	3/4	58942	3/4	67894	3/4	76846	3/4	85799	3/4	94751	3/4	103703
1	157	1	6215	1	14384	1	23319	1	32271	1	41223	1	50176	1	59128	1	68080	1	77033	1	85985	1	94937	1	103890
1/4	200	1/4	6371	1/4	14569	1/4	23505	1/4	32458	1/4	41410	1/4	50362	1/4	59315	1/4	68267	1/4	77219	1/4	86172	1/4	95124	1/4	104076
1/2	543	1/2	6528	1/2	14753	1/2	23692	1/2	32644	1/2	41596	1/2	50549	1/2	59501	1/2	68453	1/2	77406	1/2	86358	1/2	95310	1/2	104263
3/4	285	3/4	6684	3/4	14938	3/4	23878	3/4	32831	3/4	41783	3/4	50735	3/4	59688	3/4	68640	3/4	77592	3/4	86545	3/4	95497	3/4	104449
2	353	2	6846	2	15123	2	24065	2	33017	2	41969	2	50922	2	59874	2	68826	2	77779	2	86731	2	95683	2	104636
1/4	421	1/4	7007	1/4	15308	1/4	24251	1/4	33204	1/4	42156	1/4	51108	1/4	60061	1/4	69013	1/4	77965	1/4	86918	1/4	95870	1/4	104822
1/2	488	1/2	7169	1/2	15493	1/2	24438	1/2	33390	1/2	42342	1/2	51295	1/2	60247	1/2	69199	1/2	78152	1/2	87104	1/2	96056	1/2	105009
3/4	556	3/4	7331	3/4	15678	3/4	24624	3/4	33577	3/4	42529	3/4	51481	3/4	60434	3/4	69386	3/4	78338	3/4	87291	3/4	96243	3/4	105195
3	643	3	7492	3	15864	3	24811	3	33763	3	42715	3	51668	3	60620	3	69572	3	78525	3	87477	3	96429	3	105382
1/4	730	1/4	7654	1/4	16049	1/4	24997	1/4	33950	1/4	42902	1/4	51854	1/4	60807	1/4	69759	1/4	78711	1/4	87664	1/4	96616	1/4	105568
1/2	817	1/2	7816	1/2	16235	1/2	25184	1/2	34136	1/2	43088	1/2	52041	1/2	60993	1/2	69945	1/2	78898	1/2	87850	1/2	96802	1/2	105739
3/4	904	3/4	7977	3/4	16420	3/4	25370	3/4	34323	3/4	43275	3/4	52227	3/4	61180	3/4	70132	3/4	79084	3/4	88037	3/4	96989	3/4	105910
4	1021	4	8144	4	16606	4	25557	4	34509	4	43461	4	52414	4	61366	4	70318	4	79271	4	88223	4	97175	4	106081
1/4	1139	1/4	8311	1/4	16792	1/4	25743	1/4	34696	1/4	43648	1/4	52600	1/4	61553	1/4	70505	1/4	79457	1/4	88410	1/4	97362	1/4	106252
1/2	1256	1/2	8477	1/2	16978	1/2	25930	1/2	34882	1/2	43834	1/2	52787	1/2	61739	1/2	70691	1/2	79644	1/2	88596	1/2	97548	1/2	106392
3/4	1373	3/4	8644	3/4	17164	3/4	26116	3/4	35069	3/4	44021	3/4	52973	3/4	61926	3/4	70878	3/4	79830	3/4	88783	3/4	97735	3/4	106532
5	1505	5	8811	5	17351	5	26303	5	35255	5	44208	5	53160	5	62112	5	71064	5	80017	5	88969	5	97921	5	106672
1/4	1637	1/4	8977	1/4	17537	1/4	26489	1/4	35442	1/4	44394	1/4	53346	1/4	62299	1/4	71251	1/4	80203	1/4	89156	1/4	98108	1/4	106812
1/2	1771	1/2	9144	1/2	17724	1/2	26676	1/2	35628	1/2	44581	1/2	53533	1/2	62485	1/2	71438	1/2	80390	1/2	89342	1/2	98294	1/2	106920
3/4	1904	3/4	9311	3/4	17910	3/4	26862	3/4	35815	3/4	44767	3/4	53719	3/4	62672	3/4	71624	3/4	80576	3/4	89529	3/4	98481	3/4	107029
6	2046	6	9480	6	18097	6	27049	6	36001	6	44954	6	53906	6	62858	6	71811	6	80763	6	89715	6	98667	6	107138
1/4	2187	1/4	9649	1/4	18283	1/4	27235	1/4	36188	1/4	45140	1/4	54092	1/4	63045	1/4	71997	1/4	80949	1/4	89902	1/4	98854	1/4	107247
1/2	2329	1/2	9818	1/2	18470	1/2	27422	1/2	36374	1/2	45327	1/2	54279	1/2	63231	1/2	72184	1/2	81136	1/2	90088	1/2	99041	1/2	107325
3/4	2470	3/4	9987	3/4	18656	3/4	27608	3/4	36561	3/4	45513	3/4	54465	3/4	63418	3/4	72370	3/4	81322	3/4	90275	3/4	99227	3/4	107402
7	2612	7	10156	7	18843	7	27795	7	36747	7	45700	7	54652	7	63604	7	72557	7	81509	7	90461	7	99414	7	107480
1/4	2754	1/4	10325	1/4	19029	1/4	27981	1/4	36934	1/4	45886	1/4	54838	1/4	63791	1/4	72743	1/4	81695	1/4	90648	1/4	99600	1/4	107558
1/2	2895	1/2	10494	1/2	19216	1/2	28168	1/2	37120	1/2	46073	1/2	55025	1/2	63977	1/2	72930	1/2	81882	1/2	90834	1/2	99787	1/2	107604
3/4	3037	3/4	10663	3/4	19402	3/4	28354	3/4	37307	3/4	46259	3/4	55211	3/4	64164	3/4	73116	3/4	82068	3/4	91021	3/4	99973	3/4	107651
8	3182	8	10836	8	19589	8	28541	8	37493	8	46446	8	55398	8	64350	8	73303	8	82255	8	91207	8	100160	8	107698
1/4	3328	1/4	11010	1/4	19775	1/4	28727	1/4	37680	1/4	46632	1/4	55584	1/4	64537	1/4	73489	1/4	82441	1/4	91394	1/4	100346	1/4	107744
1/2	3473	1/2	11183	1/2	19962	1/2	28914	1/2	37866	1/2	46819	1/2	55771	1/2	64723	1/2	73676	1/2	82628	1/2	91580	1/2	100533	1/2	107760
3/4	3619	3/4	11356	3/4	20148	3/4	29100	3/4	38053	3/4	47005	3/4	55957	3/4	64910	3/4	73862	3/4	82814	3/4	91767	3/4	100719	3/4	107776
9	3764	9	11530	9	20335	9	29287	9	38239	9	47192	9	56144	9	65096	9	74049	9	83001	9	91953	9	100906	9	107792
1/4	3910	1/4	11703	1/4	20521	1/4	29473	1/4	38426	1/4	47378	1/4	56330	1/4	65283	1/4	74235	1/4	83187	1/4	92140	1/4	101092	1/4	107809
1/2	4055	1/2	11876	1/2	20708	1/2	29660	1/2	38612	1/2	47565	1/2	56517	1/2	65469	1/2	74422	1/2	83374	1/2	92326	1/2	101279	1/2	
3/4	4201	3/4	12050	3/4	20894	3/4	29846	3/4	38799	3/4	47751	3/4	56703	3/4	65656	3/4	74608	3/4	83560	3/4	92513	3/4	101465	3/4	
10	4355	10	12226	10	21081	10	30033	10	38985	10	47938	10	56890	10	65842	10	74795	10	83747	10	92699	10	101652	10	
1/4	4509	1/4	12403	1/4	21267	1/4	30220	1/4	39172	1/4	48124	1/4	57076	1/4	66029	1/4	74981	1/4	83933	1/4	92886	1/4	101838	1/4	
1/2	4663	1/2	12580	1/2	21454	1/2	30406	1/2	39358	1/2	48311	1/2	57263	1/2	66215	1/2	75168	1/2	84120	1/2	93072	1/2	102025	1/2	
3/4	4817	3/4	12757	3/4	21640	3/4	30593	3/4	39545	3/4	48497	3/4	57449	3/4	66402	3/4	75354	3/4	84306	3/4	93259	3/4	102211	3/4	
11	4971	11	12933	11	21827	11	30779	11	39731	11	48684	11	57636	11	66588	11	75541	11	84493	11	93445	11	102398	11	
1/4	5125	1/4	13110	1/4	22013	1/4	30966	1/4	39918	1/4	48870	1/4	57823	1/4	6										

MAGNOLIA MARINE - BARGE "MM 101"

OUTAGE TABLE

1 ST.1 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0	43	0	5459	0	13330	0	22044	0	30785	0	39526	0	48266	0	57007	0	65748	0	74488	0	83229	0	91970	0	100710
1/4	66	1/4	5612	1/4	13510	1/4	22226	1/4	30967	1/4	39708	1/4	48448	1/4	57189	1/4	65930	1/4	74670	1/4	83411	1/4	92152	1/4	100892
1/2	89	1/2	5764	1/2	13690	1/2	22409	1/2	31149	1/2	39890	1/2	48631	1/2	57371	1/2	66112	1/2	74853	1/2	83593	1/2	92334	1/2	101075
3/4	112	3/4	5917	3/4	13869	3/4	22591	3/4	31331	3/4	40072	3/4	48813	3/4	57553	3/4	66294	3/4	75035	3/4	83775	3/4	92516	3/4	101257
1	154	1	6070	1	14050	1	22773	1	31513	1	40254	1	48995	1	57735	1	66476	1	75217	1	83957	1	92698	1	101439
1/4	195	1/4	6223	1/4	14230	1/4	22955	1/4	31696	1/4	40436	1/4	49177	1/4	57917	1/4	66658	1/4	75399	1/4	84139	1/4	92880	1/4	101621
1/2	237	1/2	6376	1/2	14410	1/2	23137	1/2	31878	1/2	40618	1/2	49359	1/2	58100	1/2	66840	1/2	75581	1/2	84322	1/2	93062	1/2	101803
3/4	279	3/4	6529	3/4	14590	3/4	23319	3/4	32060	3/4	40800	3/4	49541	3/4	58282	3/4	67022	3/4	75763	3/4	84504	3/4	93244	3/4	101985
2	345	2	6687	2	14771	2	23501	2	32242	2	40982	2	49723	2	58464	2	67204	2	75945	2	84686	2	93426	2	102167
1/4	411	1/4	6844	1/4	14951	1/4	23683	1/4	32424	1/4	41165	1/4	49905	1/4	58646	1/4	67387	1/4	76127	1/4	84868	1/4	93609	1/4	102349
1/2	477	1/2	7002	1/2	15132	1/2	23865	1/2	32606	1/2	41347	1/2	50087	1/2	58828	1/2	67569	1/2	76309	1/2	85050	1/2	93791	1/2	102531
3/4	543	3/4	7160	3/4	15313	3/4	24047	3/4	32788	3/4	41529	3/4	50269	3/4	59010	3/4	67751	3/4	76491	3/4	85232	3/4	93973	3/4	102713
3	628	3	7318	3	15494	3	24230	3	32970	3	41711	3	50452	3	59192	3	67933	3	76673	3	85414	3	94155	3	102895
1/4	713	1/4	7476	1/4	15675	1/4	24412	1/4	33152	1/4	41893	1/4	50634	1/4	59374	1/4	68115	1/4	76856	1/4	85596	1/4	94337	1/4	103078
1/2	798	1/2	7634	1/2	15856	1/2	24594	1/2	33334	1/2	42075	1/2	50816	1/2	59556	1/2	68297	1/2	77038	1/2	85778	1/2	94519	1/2	103244
3/4	883	3/4	7792	3/4	16037	3/4	24776	3/4	33516	3/4	42257	3/4	50998	3/4	59738	3/4	68479	3/4	77220	3/4	85960	3/4	94701	3/4	103411
4	998	4	7955	4	16219	4	24958	4	33699	4	42439	4	51180	4	59921	4	68661	4	77402	4	86143	4	94883	4	103578
1/4	1112	1/4	8118	1/4	16401	1/4	25140	1/4	33881	1/4	42621	1/4	51362	1/4	60103	1/4	68843	1/4	77584	1/4	86325	1/4	95065	1/4	103745
1/2	1227	1/2	8281	1/2	16582	1/2	25322	1/2	34063	1/2	42803	1/2	51544	1/2	60285	1/2	69025	1/2	77766	1/2	86507	1/2	95247	1/2	103882
3/4	1341	3/4	8444	3/4	16764	3/4	25504	3/4	34245	3/4	42986	3/4	51726	3/4	60467	3/4	69208	3/4	77948	3/4	86689	3/4	95429	3/4	104018
5	1470	5	8606	5	16946	5	25686	5	34427	5	43168	5	51908	5	60649	5	69390	5	78130	5	86871	5	95612	5	104155
1/4	1599	1/4	8769	1/4	17128	1/4	25868	1/4	34609	1/4	43350	1/4	52090	1/4	60831	1/4	69572	1/4	78312	1/4	87053	1/4	95794	1/4	104292
1/2	1729	1/2	8932	1/2	17310	1/2	26051	1/2	34791	1/2	43532	1/2	52272	1/2	61013	1/2	69754	1/2	78494	1/2	87235	1/2	95976	1/2	104398
3/4	1860	3/4	9095	3/4	17492	3/4	26233	3/4	34973	3/4	43714	3/4	52455	3/4	61195	3/4	69936	3/4	78677	3/4	87417	3/4	96158	3/4	104504
6	1998	6	9260	6	17674	6	26415	6	35155	6	43896	6	52637	6	61377	6	70118	6	78859	6	87599	6	96340	6	104610
1/4	2136	1/4	9425	1/4	17856	1/4	26597	1/4	35337	1/4	44078	1/4	52819	1/4	61559	1/4	70300	1/4	79041	1/4	87781	1/4	96522	1/4	104716
1/2	2274	1/2	9590	1/2	18038	1/2	26779	1/2	35520	1/2	44260	1/2	53001	1/2	61742	1/2	70482	1/2	79223	1/2	87964	1/2	96704	1/2	104792
3/4	2413	3/4	9756	3/4	18220	3/4	26961	3/4	35702	3/4	44442	3/4	53183	3/4	61924	3/4	70664	3/4	79405	3/4	88146	3/4	96886	3/4	104868
7	2551	7	9921	7	18402	7	27143	7	35884	7	44624	7	53365	7	62106	7	70846	7	79587	7	88328	7	97068	7	104944
1/4	2689	1/4	10086	1/4	18585	1/4	27325	1/4	36066	1/4	44807	1/4	53547	1/4	62288	1/4	71028	1/4	79769	1/4	88510	1/4	97250	1/4	105020
1/2	2827	1/2	10251	1/2	18767	1/2	27507	1/2	36248	1/2	44989	1/2	53729	1/2	62470	1/2	71211	1/2	79951	1/2	88692	1/2	97433	1/2	105065
3/4	2965	3/4	10416	3/4	18949	3/4	27689	3/4	36430	3/4	45171	3/4	53911	3/4	62652	3/4	71393	3/4	80133	3/4	88874	3/4	97615	3/4	105111
8	3107	8	10585	8	19131	8	27871	8	36612	8	45353	8	54093	8	62834	8	71575	8	80315	8	89056	8	97797	8	105157
1/4	3249	1/4	10755	1/4	19313	1/4	28054	1/4	36794	1/4	45535	1/4	54276	1/4	63016	1/4	71757	1/4	80498	1/4	89238	1/4	97979	1/4	105202
1/2	3391	1/2	10924	1/2	19495	1/2	28236	1/2	36976	1/2	45717	1/2	54458	1/2	63198	1/2	71939	1/2	80680	1/2	89420	1/2	98161	1/2	105218
3/4	3534	3/4	11093	3/4	19677	3/4	28418	3/4	37158	3/4	45899	3/4	54640	3/4	63380	3/4	72121	3/4	80862	3/4	89602	3/4	98343	3/4	105233
9	3676	9	11262	9	19859	9	28600	9	37341	9	46081	9	54822	9	63563	9	72303	9	81044	9	89784	9	98525	9	105249
1/4	3818	1/4	11432	1/4	20041	1/4	28782	1/4	37523	1/4	46263	1/4	55004	1/4	63745	1/4	72485	1/4	81226	1/4	89967	1/4	98707	1/4	105265
1/2	3960	1/2	11601	1/2	20223	1/2	28964	1/2	37705	1/2	46445	1/2	55186	1/2	63927	1/2	72667	1/2	81408	1/2	90149	1/2	98889	1/2	
3/4	4102	3/4	11770	3/4	20405	3/4	29146	3/4	37887	3/4	46627	3/4	55368	3/4	64109	3/4	72849	3/4	81590	3/4	90331	3/4	99071	3/4	
10	4252	10	11943	10	20588	10	29328	10	38069	10	46810	10	55550	10	64291	10	73032	10	81772	10	90513	10	99254	10	
1/4	4403	1/4	12115	1/4	20770	1/4	29510	1/4	38251	1/4	46992	1/4	55732	1/4	64473	1/4	73214	1/4	81954	1/4	90695	1/4	99436	1/4	
1/2	4553	1/2	12288	1/2	20952	1/2	29692	1/2	38433	1/2	47174	1/2	55914	1/2	64655	1/2	73396	1/2	82136	1/2	90877	1/2	99618	1/2	
3/4	4704	3/4	12460	3/4	21134	3/4	29875	3/4	38615	3/4	47356	3/4	56097	3/4	64837	3/4	73578	3/4	82319	3/4	91059	3/4	99800	3/4	
11	4854	11	12633	11	21316	11	30057	11	38797	11	47538	11	56279	11	65019	11	73760	11	82501	11	91241	11	99982	11	
1/4	5005	1/4	12805	1/4	21498	1/4	30239	1/4	38979	1/4	47720	1/4	56461	1/4	65201	1/									

MAGNOLIA MARINE - BARGE "MM 101"

OUTAGE TABLE

2 PO 2 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0	51	0	6679	0	14866	0	23072	0	31278	0	39485	0	47691	0	55898	0	64104	0	72311	0	80517	0	88723	0	96930
1/4	66	1/4	6850	1/4	15036	1/4	23243	1/4	31449	1/4	39656	1/4	47862	1/4	56069	1/4	64275	1/4	72482	1/4	80688	1/4	88894	1/4	97101
1/2	82	1/2	7020	1/2	15207	1/2	23414	1/2	31620	1/2	39827	1/2	48033	1/2	56240	1/2	64446	1/2	72652	1/2	80859	1/2	89065	1/2	97272
3/4	129	3/4	7190	3/4	15378	3/4	23585	3/4	31791	3/4	39998	3/4	48204	3/4	56411	3/4	64617	3/4	72823	3/4	81030	3/4	89236	3/4	97443
1	175	1	7360	1	15549	1	23756	1	31962	1	40169	1	48375	1	56582	1	64788	1	72994	1	81201	1	89407	1	97614
1/4	222	1/4	7531	1/4	15720	1/4	23927	1/4	32133	1/4	40340	1/4	48546	1/4	56753	1/4	64959	1/4	73165	1/4	81372	1/4	89578	1/4	97785
1/2	268	1/2	7701	1/2	15891	1/2	24098	1/2	32304	1/2	40511	1/2	48717	1/2	56923	1/2	65130	1/2	73336	1/2	81543	1/2	89749	1/2	97956
3/4	346	3/4	7871	3/4	16062	3/4	24269	3/4	32475	3/4	40682	3/4	48888	3/4	57094	3/4	65301	3/4	73507	3/4	81714	3/4	89920	3/4	98127
2	424	2	8042	2	16233	2	24440	2	32646	2	40853	2	49059	2	57265	2	65472	2	73678	2	81885	2	90091	2	98298
1/4	501	1/4	8212	1/4	16404	1/4	24611	1/4	32817	1/4	41024	1/4	49230	1/4	57436	1/4	65643	1/4	73849	1/4	82056	1/4	90262	1/4	98469
1/2	579	1/2	8382	1/2	16575	1/2	24782	1/2	32988	1/2	41194	1/2	49401	1/2	57607	1/2	65814	1/2	74020	1/2	82227	1/2	90433	1/2	98640
3/4	688	3/4	8552	3/4	16746	3/4	24953	3/4	33159	3/4	41365	3/4	49572	3/4	57778	3/4	65985	3/4	74191	3/4	82398	3/4	90604	3/4	98810
3	796	3	8723	3	16917	3	25124	3	33330	3	41536	3	49743	3	57949	3	66156	3	74362	3	82569	3	90775	3	98981
1/4	905	1/4	8893	1/4	17088	1/4	25295	1/4	33501	1/4	41707	1/4	49914	1/4	58120	1/4	66327	1/4	74533	1/4	82740	1/4	90946	1/4	99138
1/2	1014	1/2	9063	1/2	17259	1/2	25466	1/2	33672	1/2	41878	1/2	50085	1/2	58291	1/2	66498	1/2	74704	1/2	82911	1/2	91117	1/2	99295
3/4	1154	3/4	9234	3/4	17430	3/4	25636	3/4	33843	3/4	42049	3/4	50256	3/4	58462	3/4	66669	3/4	74875	3/4	83081	3/4	91288	3/4	99452
4	1294	4	9404	4	17601	4	25807	4	34014	4	42220	4	50427	4	58633	4	66840	4	75046	4	83252	4	91459	4	99608
1/4	1433	1/4	9574	1/4	17772	1/4	25978	1/4	34185	1/4	42391	1/4	50598	1/4	58804	1/4	67011	1/4	75217	1/4	83423	1/4	91630	1/4	99737
1/2	1573	1/2	9745	1/2	17943	1/2	26149	1/2	34356	1/2	42562	1/2	50769	1/2	58975	1/2	67182	1/2	75388	1/2	83594	1/2	91801	1/2	99865
3/4	1736	3/4	9915	3/4	18114	3/4	26320	3/4	34527	3/4	42733	3/4	50940	3/4	59146	3/4	67352	3/4	75559	3/4	83765	3/4	91972	3/4	99993
5	1900	5	10085	5	18285	5	26491	5	34698	5	42904	5	51111	5	59317	5	67523	5	75730	5	83936	5	92143	5	100121
1/4	2071	1/4	10255	1/4	18456	1/4	26662	1/4	34869	1/4	43075	1/4	51282	1/4	59488	1/4	67694	1/4	75901	1/4	84107	1/4	92314	1/4	100221
1/2	2241	1/2	10426	1/2	18627	1/2	26833	1/2	35040	1/2	43246	1/2	51453	1/2	59659	1/2	67865	1/2	76072	1/2	84278	1/2	92485	1/2	100321
3/4	2412	3/4	10596	3/4	18798	3/4	27004	3/4	35211	3/4	43417	3/4	51624	3/4	59830	3/4	68036	3/4	76243	3/4	84449	3/4	92656	3/4	100420
6	2583	6	10766	6	18969	6	27175	6	35382	6	43588	6	51794	6	60001	6	68207	6	76414	6	84620	6	92827	6	100520
1/4	2754	1/4	10937	1/4	19140	1/4	27346	1/4	35553	1/4	43759	1/4	51965	1/4	60172	1/4	68378	1/4	76585	1/4	84791	1/4	92998	1/4	100591
1/2	2925	1/2	11107	1/2	19311	1/2	27517	1/2	35724	1/2	43930	1/2	52136	1/2	60343	1/2	68549	1/2	76756	1/2	84962	1/2	93169	1/2	100663
3/4	3096	3/4	11277	3/4	19482	3/4	27688	3/4	35895	3/4	44101	3/4	52307	3/4	60514	3/4	68720	3/4	76927	3/4	85133	3/4	93340	3/4	100734
7	3267	7	11448	7	19653	7	27859	7	36065	7	44272	7	52478	7	60685	7	68891	7	77098	7	85304	7	93510	7	100805
1/4	3438	1/4	11618	1/4	19824	1/4	28030	1/4	36236	1/4	44443	1/4	52649	1/4	60856	1/4	69062	1/4	77269	1/4	85475	1/4	93681	1/4	100848
1/2	3609	1/2	11788	1/2	19995	1/2	28201	1/2	36407	1/2	44614	1/2	52820	1/2	61027	1/2	69233	1/2	77440	1/2	85646	1/2	93852	1/2	100891
3/4	3780	3/4	11959	3/4	20166	3/4	28372	3/4	36578	3/4	44785	3/4	52991	3/4	61198	3/4	69404	3/4	77611	3/4	85817	3/4	94023	3/4	100933
8	3951	8	12130	8	20336	8	28543	8	36749	8	44956	8	53162	8	61369	8	69575	8	77781	8	85988	8	94194	8	100976
1/4	4122	1/4	12301	1/4	20507	1/4	28714	1/4	36920	1/4	45127	1/4	53333	1/4	61540	1/4	69746	1/4	77952	1/4	86159	1/4	94365	1/4	100991
1/2	4293	1/2	12472	1/2	20678	1/2	28885	1/2	37091	1/2	45298	1/2	53504	1/2	61711	1/2	69917	1/2	78123	1/2	86330	1/2	94536	1/2	101006
3/4	4463	3/4	12643	3/4	20849	3/4	29056	3/4	37262	3/4	45469	3/4	53675	3/4	61882	3/4	70088	3/4	78294	3/4	86501	3/4	94707	3/4	101020
9	4634	9	12814	9	21020	9	29227	9	37433	9	45640	9	53846	9	62053	9	70259	9	78465	9	86672	9	94878	9	101035
1/4	4805	1/4	12985	1/4	21191	1/4	29398	1/4	37604	1/4	45811	1/4	54017	1/4	62223	1/4	70430	1/4	78636	1/4	86843	1/4	95049	1/4	
1/2	4976	1/2	13156	1/2	21362	1/2	29569	1/2	37775	1/2	45982	1/2	54188	1/2	62394	1/2	70601	1/2	78807	1/2	87014	1/2	95220	1/2	
3/4	5147	3/4	13327	3/4	21533	3/4	29740	3/4	37946	3/4	46153	3/4	54359	3/4	62565	3/4	70772	3/4	78978	3/4	87185	3/4	95391	3/4	
10	5317	10	13498	10	21704	10	29911	10	38117	10	46324	10	54530	10	62736	10	70943	10	79149	10	87356	10	95562	10	
1/4	5487	1/4	13669	1/4	21875	1/4	30082	1/4	38288	1/4	46494	1/4	54701	1/4	62907	1/4	71114	1/4	79320	1/4	87527	1/4	95733	1/4	
1/2	5657	1/2	13840	1/2	22046	1/2	30253	1/2	38459	1/2	46665	1/2	54872	1/2	63078	1/2	71285	1/2	79491	1/2	87698	1/2	95904	1/2	
3/4	5828	3/4	14011	3/4	22217	3/4	30424	3/4	38630	3/4	46836	3/4	55043	3/4	63249	3/4	71456	3/4	79662	3/4	87869	3/4	96075	3/4	
11	5998	11	14182	11	22388	11	30595	11	38801	11	47007	11	55214	11	63420	11	71627	11	79833	11	88040	11	96246	11	
1/4	6168	1/4	14353	1/4	22559	1/4	30765	1/4	38972	1/4	47178	1/4	55385	1/4	63591	1/4	71798								

MAGNOLIA MARINE - BARGE "MM 101"

OUTAGE TABLE

2 ST.2 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0	35	0	6370	0	14394	0	22418	0	30442	0	38467	0	46491	0	54516	0	62540	0	70564	0	78589	0	86613	0	94638
1/4	50	1/4	6538	1/4	14561	1/4	22585	1/4	30610	1/4	38634	1/4	46658	1/4	54683	1/4	62707	1/4	70732	1/4	78756	1/4	86780	1/4	94805
1/2	65	1/2	6705	1/2	14728	1/2	22752	1/2	30777	1/2	38801	1/2	46826	1/2	54850	1/2	62874	1/2	70899	1/2	78923	1/2	86948	1/2	94972
3/4	81	3/4	6872	3/4	14895	3/4	22919	3/4	30944	3/4	38968	3/4	46993	3/4	55017	3/4	63042	3/4	71066	3/4	79090	3/4	87115	3/4	95139
1	126	1	7039	1	15062	1	23087	1	31111	1	39135	1	47160	1	55184	1	63209	1	71233	1	79258	1	87282	1	95306
1/4	172	1/4	7206	1/4	15229	1/4	23254	1/4	31278	1/4	39303	1/4	47327	1/4	55351	1/4	63376	1/4	71400	1/4	79425	1/4	87449	1/4	95474
1/2	217	1/2	7373	1/2	15397	1/2	23421	1/2	31445	1/2	39470	1/2	47494	1/2	55519	1/2	63543	1/2	71567	1/2	79592	1/2	87616	1/2	95641
3/4	263	3/4	7540	3/4	15564	3/4	23588	3/4	31613	3/4	39637	3/4	47661	3/4	55686	3/4	63710	3/4	71735	3/4	79759	3/4	87783	3/4	95808
2	339	2	7708	2	15731	2	23755	2	31780	2	39804	2	47829	2	55853	2	63877	2	71902	2	79926	2	87951	2	95975
1/4	415	1/4	7875	1/4	15898	1/4	23923	1/4	31947	1/4	39971	1/4	47996	1/4	56020	1/4	64045	1/4	72069	1/4	80093	1/4	88118	1/4	96142
1/2	491	1/2	8042	1/2	16065	1/2	24090	1/2	32114	1/2	40139	1/2	48163	1/2	56187	1/2	64212	1/2	72236	1/2	80261	1/2	88285	1/2	96309
3/4	567	3/4	8209	3/4	16232	3/4	24257	3/4	32281	3/4	40306	3/4	48330	3/4	56355	3/4	64379	3/4	72403	3/4	80428	3/4	88452	3/4	96477
3	673	3	8376	3	16400	3	24424	3	32448	3	40473	3	48497	3	56522	3	64546	3	72571	3	80595	3	88619	3	96644
1/4	779	1/4	8543	1/4	16567	1/4	24591	1/4	32616	1/4	40640	1/4	48664	1/4	56689	1/4	64713	1/4	72738	1/4	80762	1/4	88787	1/4	96811
1/2	886	1/2	8710	1/2	16734	1/2	24758	1/2	32783	1/2	40807	1/2	48832	1/2	56856	1/2	64880	1/2	72905	1/2	80929	1/2	88954	1/2	96964
3/4	992	3/4	8877	3/4	16901	3/4	24926	3/4	32950	3/4	40974	3/4	48999	3/4	57023	3/4	65048	3/4	73072	3/4	81096	3/4	89121	3/4	97117
4	1129	4	9045	4	17068	4	25093	4	33117	4	41142	4	49166	4	57190	4	65215	4	73239	4	81264	4	89288	4	97271
1/4	1265	1/4	9212	1/4	17236	1/4	25260	1/4	33284	1/4	41309	1/4	49333	1/4	57358	1/4	65382	1/4	73406	1/4	81431	1/4	89455	1/4	97424
1/2	1402	1/2	9379	1/2	17403	1/2	25427	1/2	33452	1/2	41476	1/2	49500	1/2	57525	1/2	65549	1/2	73574	1/2	81598	1/2	89622	1/2	97549
3/4	1539	3/4	9546	3/4	17570	3/4	25594	3/4	33619	3/4	41643	3/4	49668	3/4	57692	3/4	65716	3/4	73741	3/4	81765	3/4	89790	3/4	97675
5	1698	5	9713	5	17737	5	25761	5	33786	5	41810	5	49835	5	57859	5	65884	5	73908	5	81932	5	89957	5	97800
1/4	1858	1/4	9880	1/4	17904	1/4	25929	1/4	33953	1/4	41977	1/4	49977	1/4	58026	1/4	66051	1/4	74075	1/4	82100	1/4	90124	1/4	97925
1/2	2025	1/2	10047	1/2	18071	1/2	26096	1/2	34120	1/2	42145	1/2	50169	1/2	58193	1/2	66218	1/2	74242	1/2	82267	1/2	90291	1/2	98023
3/4	2192	3/4	10215	3/4	18239	3/4	26263	3/4	34287	3/4	42312	3/4	50336	3/4	58361	3/4	66385	3/4	74409	3/4	82434	3/4	90458	3/4	98120
6	2359	6	10382	6	18406	6	26430	6	34455	6	42479	6	50503	6	58528	6	66552	6	74577	6	82601	6	90625	6	98218
1/4	2526	1/4	10549	1/4	18573	1/4	26597	1/4	34622	1/4	42646	1/4	50671	1/4	58695	1/4	66719	1/4	74744	1/4	82768	1/4	90793	1/4	98316
1/2	2694	1/2	10716	1/2	18740	1/2	26765	1/2	34789	1/2	42813	1/2	50838	1/2	58862	1/2	66887	1/2	74911	1/2	82935	1/2	90960	1/2	98385
3/4	2861	3/4	10883	3/4	18907	3/4	26932	3/4	34956	3/4	42981	3/4	51005	3/4	59029	3/4	67054	3/4	75078	3/4	83103	3/4	91127	3/4	98455
7	3028	7	11050	7	19074	7	27099	7	35123	7	43148	7	51172	7	59197	7	67221	7	75245	7	83270	7	91294	7	98524
1/4	3195	1/4	11217	1/4	19242	1/4	27266	1/4	35290	1/4	43315	1/4	51339	1/4	59364	1/4	67388	1/4	75413	1/4	83437	1/4	91461	1/4	98594
1/2	3362	1/2	11384	1/2	19409	1/2	27433	1/2	35458	1/2	43482	1/2	51506	1/2	59531	1/2	67555	1/2	75580	1/2	83604	1/2	91628	1/2	98636
3/4	3529	3/4	11552	3/4	19576	3/4	27600	3/4	35625	3/4	43649	3/4	51674	3/4	59698	3/4	67722	3/4	75747	3/4	83771	3/4	91796	3/4	98678
8	3696	8	11719	8	19743	8	27768	8	35792	8	43816	8	51841	8	59865	8	67890	8	75914	8	83938	8	91963	8	98720
1/4	3864	1/4	11886	1/4	19910	1/4	27935	1/4	35959	1/4	43984	1/4	52008	1/4	60032	1/4	68057	1/4	76081	1/4	84106	1/4	92130	1/4	98761
1/2	4031	1/2	12053	1/2	20078	1/2	28102	1/2	36126	1/2	44151	1/2	52175	1/2	60200	1/2	68224	1/2	76248	1/2	84273	1/2	92297	1/2	98776
3/4	4198	3/4	12220	3/4	20245	3/4	28269	3/4	36294	3/4	44318	3/4	52342	3/4	60367	3/4	68391	3/4	76416	3/4	84440	3/4	92464	3/4	98790
9	4365	9	12387	9	20412	9	28436	9	36461	9	44485	9	52509	9	60534	9	68558	9	76583	9	84607	9	92632	9	98805
1/4	4532	1/4	12555	1/4	20579	1/4	28603	1/4	36628	1/4	44652	1/4	52677	1/4	60701	1/4	68725	1/4	76750	1/4	84774	1/4	92799	1/4	98819
1/2	4699	1/2	12722	1/2	20746	1/2	28771	1/2	36795	1/2	44819	1/2	52844	1/2	60868	1/2	68893	1/2	76917	1/2	84941	1/2	92966	1/2	
3/4	4866	3/4	12889	3/4	20913	3/4	28938	3/4	36962	3/4	44987	3/4	53011	3/4	61035	3/4	69060	3/4	77084	3/4	85109	3/4	93133	3/4	
10	5033	10	13056	10	21081	10	29105	10	37129	10	45154	10	53178	10	61203	10	69227	10	77251	10	85276	10	93300	10	
1/4	5201	1/4	13223	1/4	21248	1/4	29272	1/4	37297	1/4	45321	1/4	53345	1/4	61370	1/4	69394	1/4	77419	1/4	85443	1/4	93467	1/4	
1/2	5368	1/2	13391	1/2	21415	1/2	29439	1/2	37464	1/2	45488	1/2	53513	1/2	61537	1/2	69561	1/2	77586	1/2	85610	1/2	93635	1/2	
3/4	5535	3/4	13558	3/4	21582	3/4	29606	3/4	37631	3/4	45655	3/4	53680	3/4	61704	3/4	69729	3/4	77753	3/4	85777	3/4	93802	3/4	
11	5702	11	13725	11	21749	11	29774	11	37798	11	45822	11	53847	11	61871	11	69896	11	77920	11	85945	11	93969	11	
1/4	5869	1/4	13892	1/4	21916	1/4	29941	1/4	37965	1/4	45990	1/4	54014	1/4	62038	1/4	70063	1/4	78087</						

MAGNOLIA MARINE - BARGE "MM 101"

OUTAGE TABLE

3 PO 3 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0	35	0	6509	0	14695	0	22901	0	31107	0	39314	0	47520	0	55727	0	63933	0	72140	0	80346	0	88552	0	96759
1/4	51	1/4	6679	1/4	14866	1/4	23072	1/4	31278	1/4	39485	1/4	47691	1/4	55898	1/4	64104	1/4	72311	1/4	80517	1/4	88723	1/4	96930
1/2	67	1/2	6850	1/2	15036	1/2	23243	1/2	31449	1/2	39656	1/2	47862	1/2	56069	1/2	64275	1/2	72482	1/2	80688	1/2	88894	1/2	97101
3/4	82	3/4	7020	3/4	15207	3/4	23414	3/4	31620	3/4	39827	3/4	48033	3/4	56240	3/4	64446	3/4	72652	3/4	80859	3/4	89065	3/4	97272
1	129	1	7190	1	15378	1	23585	1	31791	1	39998	1	48204	1	56411	1	64617	1	72823	1	81030	1	89236	1	97443
1/4	175	1/4	7360	1/4	15549	1/4	23756	1/4	31962	1/4	40169	1/4	48375	1/4	56582	1/4	64788	1/4	72994	1/4	81201	1/4	89407	1/4	97614
1/2	222	1/2	7531	1/2	15720	1/2	23927	1/2	32133	1/2	40340	1/2	48546	1/2	56753	1/2	64959	1/2	73165	1/2	81372	1/2	89578	1/2	97785
3/4	268	3/4	7701	3/4	15891	3/4	24098	3/4	32304	3/4	40511	3/4	48717	3/4	56923	3/4	65130	3/4	73336	3/4	81543	3/4	89749	3/4	97956
2	346	2	7871	2	16062	2	24269	2	32475	2	40682	2	48888	2	57094	2	65301	2	73507	2	81714	2	89920	2	98127
1/4	424	1/4	8042	1/4	16233	1/4	24440	1/4	32646	1/4	40853	1/4	49059	1/4	57265	1/4	65472	1/4	73678	1/4	81885	1/4	90091	1/4	98298
1/2	501	1/2	8212	1/2	16404	1/2	24611	1/2	32817	1/2	41024	1/2	49230	1/2	57436	1/2	65643	1/2	73849	1/2	82056	1/2	90262	1/2	98469
3/4	579	3/4	8382	3/4	16575	3/4	24782	3/4	32988	3/4	41194	3/4	49401	3/4	57607	3/4	65814	3/4	74020	3/4	82227	3/4	90433	3/4	98640
3	688	3	8552	3	16746	3	24953	3	33159	3	41365	3	49572	3	57778	3	65985	3	74191	3	82398	3	90604	3	98810
1/4	796	1/4	8723	1/4	16917	1/4	25124	1/4	33330	1/4	41536	1/4	49743	1/4	57949	1/4	66156	1/4	74362	1/4	82569	1/4	90775	1/4	98981
1/2	905	1/2	8893	1/2	17088	1/2	25295	1/2	33501	1/2	41707	1/2	49914	1/2	58120	1/2	66327	1/2	74533	1/2	82740	1/2	90946	1/2	99138
3/4	1014	3/4	9063	3/4	17259	3/4	25466	3/4	33672	3/4	41878	3/4	50085	3/4	58291	3/4	66498	3/4	74704	3/4	82911	3/4	91117	3/4	99295
4	1154	4	9234	4	17430	4	25636	4	33843	4	42049	4	50256	4	58462	4	66669	4	74875	4	83081	4	91288	4	99452
1/4	1294	1/4	9404	1/4	17601	1/4	25807	1/4	34014	1/4	42220	1/4	50427	1/4	58633	1/4	66840	1/4	75046	1/4	83252	1/4	91459	1/4	99608
1/2	1433	1/2	9574	1/2	17772	1/2	25978	1/2	34185	1/2	42391	1/2	50598	1/2	58804	1/2	67011	1/2	75217	1/2	83423	1/2	91630	1/2	99737
3/4	1573	3/4	9745	3/4	17943	3/4	26149	3/4	34356	3/4	42562	3/4	50769	3/4	58975	3/4	67182	3/4	75388	3/4	83594	3/4	91801	3/4	99865
5	1736	5	9915	5	18114	5	26320	5	34527	5	42733	5	50940	5	59146	5	67352	5	75559	5	83765	5	91972	5	99993
1/4	1900	1/4	10085	1/4	18285	1/4	26491	1/4	34698	1/4	42904	1/4	51111	1/4	59317	1/4	67523	1/4	75730	1/4	83936	1/4	92143	1/4	100121
1/2	2071	1/2	10255	1/2	18456	1/2	26662	1/2	34869	1/2	43075	1/2	51282	1/2	59488	1/2	67694	1/2	75901	1/2	84107	1/2	92314	1/2	100221
3/4	2241	3/4	10426	3/4	18627	3/4	26833	3/4	35040	3/4	43246	3/4	51453	3/4	59659	3/4	67865	3/4	76072	3/4	84278	3/4	92485	3/4	100321
6	2412	6	10596	6	18798	6	27004	6	35211	6	43417	6	51624	6	59830	6	68036	6	76243	6	84449	6	92656	6	100420
1/4	2583	1/4	10766	1/4	18969	1/4	27175	1/4	35382	1/4	43588	1/4	51794	1/4	60001	1/4	68207	1/4	76414	1/4	84620	1/4	92827	1/4	100520
1/2	2754	1/2	10937	1/2	19140	1/2	27346	1/2	35553	1/2	43759	1/2	51965	1/2	60172	1/2	68378	1/2	76585	1/2	84791	1/2	92998	1/2	100591
3/4	2925	3/4	11107	3/4	19311	3/4	27517	3/4	35724	3/4	43930	3/4	52136	3/4	60343	3/4	68549	3/4	76756	3/4	84962	3/4	93169	3/4	100663
7	3096	7	11277	7	19482	7	27688	7	35895	7	44101	7	52307	7	60514	7	68720	7	76927	7	85133	7	93340	7	100734
1/4	3267	1/4	11448	1/4	19653	1/4	27859	1/4	36065	1/4	44272	1/4	52478	1/4	60685	1/4	68891	1/4	77098	1/4	85304	1/4	93510	1/4	100805
1/2	3438	1/2	11618	1/2	19824	1/2	28030	1/2	36236	1/2	44443	1/2	52649	1/2	60856	1/2	69062	1/2	77269	1/2	85475	1/2	93681	1/2	100848
3/4	3609	3/4	11788	3/4	19995	3/4	28201	3/4	36407	3/4	44614	3/4	52820	3/4	61027	3/4	69233	3/4	77440	3/4	85646	3/4	93852	3/4	100891
8	3780	8	11959	8	20166	8	28372	8	36578	8	44785	8	52991	8	61198	8	69404	8	77611	8	85817	8	94023	8	100933
1/4	3951	1/4	12130	1/4	20336	1/4	28543	1/4	36749	1/4	44956	1/4	53162	1/4	61369	1/4	69575	1/4	77781	1/4	85988	1/4	94194	1/4	100976
1/2	4122	1/2	12301	1/2	20507	1/2	28714	1/2	36920	1/2	45127	1/2	53333	1/2	61540	1/2	69746	1/2	77952	1/2	86159	1/2	94365	1/2	100991
3/4	4293	3/4	12472	3/4	20678	3/4	28885	3/4	37091	3/4	45298	3/4	53504	3/4	61711	3/4	69917	3/4	78123	3/4	86330	3/4	94536	3/4	101006
9	4463	9	12643	9	20849	9	29056	9	37262	9	45469	9	53675	9	61882	9	70088	9	78294	9	86501	9	94707	9	101020
1/4	4634	1/4	12814	1/4	21020	1/4	29227	1/4	37433	1/4	45640	1/4	53846	1/4	62053	1/4	70259	1/4	78465	1/4	86672	1/4	94878	1/4	101035
1/2	4805	1/2	12985	1/2	21191	1/2	29398	1/2	37604	1/2	45811	1/2	54017	1/2	62223	1/2	70430	1/2	78636	1/2	86843	1/2	95049	1/2	
3/4	4976	3/4	13156	3/4	21362	3/4	29569	3/4	37775	3/4	45982	3/4	54188	3/4	62394	3/4	70601	3/4	78807	3/4	87014	3/4	95220	3/4	
10	5147	10	13327	10	21533	10	29740	10	37946	10	46153	10	54359	10	62565	10	70772	10	78978	10	87185	10	95391	10	
1/4	5317	1/4	13498	1/4	21704	1/4	29911	1/4	38117	1/4	46324	1/4	54530	1/4	62736	1/4	70943	1/4	79149	1/4	87356	1/4	95562	1/4	
1/2	5487	1/2	13669	1/2	21875	1/2	30082	1/2	38288	1/2	46494	1/2	54701	1/2	62907	1/2	71114	1/2	79320	1/2	87527	1/2	95733	1/2	
3/4	5657	3/4	13840	3/4	22046	3/4	30253	3/4	38459	3/4	46665	3/4	54872	3/4	63078	3/4	71285	3/4	79491	3/4	87698	3/4	95904	3/4	
11	5828	11	14011	11	22217	11	30424	11	38630	11	46836	11	55043	11	63249	11	71456	11	79662	11	87869	11	96075	11	
1/4	5998	1/4	14182	1/4	22388	1/4	30595	1/4	38801	1/4	47007	1/4	55214	1/4	63420	1/4	71627</								

MAGNOLIA MARINE - BARGE "MM 101"

OUTAGE TABLE

3 ST.3 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0	35	0	6370	0	14394	0	22418	0	30442	0	38467	0	46491	0	54516	0	62540	0	70564	0	78589	0	86613	0	94638
1/4	50	1/4	6538	1/4	14561	1/4	22585	1/4	30610	1/4	38634	1/4	46658	1/4	54683	1/4	62707	1/4	70732	1/4	78756	1/4	86780	1/4	94805
1/2	65	1/2	6705	1/2	14728	1/2	22752	1/2	30777	1/2	38801	1/2	46826	1/2	54850	1/2	62874	1/2	70899	1/2	78923	1/2	86948	1/2	94972
3/4	81	3/4	6872	3/4	14895	3/4	22919	3/4	30944	3/4	38968	3/4	46993	3/4	55017	3/4	63042	3/4	71066	3/4	79090	3/4	87115	3/4	95139
1	126	1	7039	1	15062	1	23087	1	31111	1	39135	1	47160	1	55184	1	63209	1	71233	1	79258	1	87282	1	95306
1/4	172	1/4	7206	1/4	15229	1/4	23254	1/4	31278	1/4	39303	1/4	47327	1/4	55351	1/4	63376	1/4	71400	1/4	79425	1/4	87449	1/4	95474
1/2	217	1/2	7373	1/2	15397	1/2	23421	1/2	31445	1/2	39470	1/2	47494	1/2	55519	1/2	63543	1/2	71567	1/2	79592	1/2	87616	1/2	95641
3/4	263	3/4	7540	3/4	15564	3/4	23588	3/4	31613	3/4	39637	3/4	47661	3/4	55686	3/4	63710	3/4	71735	3/4	79759	3/4	87783	3/4	95808
2	339	2	7708	2	15731	2	23755	2	31780	2	39804	2	47829	2	55853	2	63877	2	71902	2	79926	2	87951	2	95975
1/4	415	1/4	7875	1/4	15898	1/4	23923	1/4	31947	1/4	39971	1/4	47996	1/4	56020	1/4	64045	1/4	72069	1/4	80093	1/4	88118	1/4	96142
1/2	491	1/2	8042	1/2	16065	1/2	24090	1/2	32114	1/2	40139	1/2	48163	1/2	56187	1/2	64212	1/2	72236	1/2	80261	1/2	88285	1/2	96309
3/4	567	3/4	8209	3/4	16232	3/4	24257	3/4	32281	3/4	40306	3/4	48330	3/4	56355	3/4	64379	3/4	72403	3/4	80428	3/4	88452	3/4	96477
3	673	3	8376	3	16400	3	24424	3	32448	3	40473	3	48497	3	56522	3	64546	3	72571	3	80595	3	88619	3	96644
1/4	779	1/4	8543	1/4	16567	1/4	24591	1/4	32616	1/4	40640	1/4	48664	1/4	56689	1/4	64713	1/4	72738	1/4	80762	1/4	88787	1/4	96811
1/2	886	1/2	8710	1/2	16734	1/2	24758	1/2	32783	1/2	40807	1/2	48832	1/2	56856	1/2	64880	1/2	72905	1/2	80929	1/2	88954	1/2	96964
3/4	992	3/4	8877	3/4	16901	3/4	24926	3/4	32950	3/4	40974	3/4	48999	3/4	57023	3/4	65048	3/4	73072	3/4	81096	3/4	89121	3/4	97117
4	1129	4	9045	4	17068	4	25093	4	33117	4	41142	4	49166	4	57190	4	65215	4	73239	4	81264	4	89288	4	97271
1/4	1265	1/4	9212	1/4	17236	1/4	25260	1/4	33284	1/4	41309	1/4	49333	1/4	57358	1/4	65382	1/4	73406	1/4	81431	1/4	89455	1/4	97424
1/2	1402	1/2	9379	1/2	17403	1/2	25427	1/2	33452	1/2	41476	1/2	49500	1/2	57525	1/2	65549	1/2	73574	1/2	81598	1/2	89622	1/2	97549
3/4	1539	3/4	9546	3/4	17570	3/4	25594	3/4	33619	3/4	41643	3/4	49668	3/4	57692	3/4	65716	3/4	73741	3/4	81765	3/4	89790	3/4	97675
5	1698	5	9713	5	17737	5	25761	5	33786	5	41810	5	49835	5	57859	5	65884	5	73908	5	81932	5	89957	5	97800
1/4	1858	1/4	9880	1/4	17904	1/4	25929	1/4	33953	1/4	41977	1/4	49977	1/4	58026	1/4	66051	1/4	74075	1/4	82100	1/4	90124	1/4	97925
1/2	2025	1/2	10047	1/2	18071	1/2	26096	1/2	34120	1/2	42145	1/2	50169	1/2	58193	1/2	66218	1/2	74242	1/2	82267	1/2	90291	1/2	98023
3/4	2192	3/4	10215	3/4	18239	3/4	26263	3/4	34287	3/4	42312	3/4	50336	3/4	58361	3/4	66385	3/4	74409	3/4	82434	3/4	90458	3/4	98120
6	2359	6	10382	6	18406	6	26430	6	34455	6	42479	6	50503	6	58528	6	66552	6	74577	6	82601	6	90625	6	98218
1/4	2526	1/4	10549	1/4	18573	1/4	26597	1/4	34622	1/4	42646	1/4	50671	1/4	58695	1/4	66719	1/4	74744	1/4	82768	1/4	90793	1/4	98316
1/2	2694	1/2	10716	1/2	18740	1/2	26765	1/2	34789	1/2	42813	1/2	50838	1/2	58862	1/2	66887	1/2	74911	1/2	82935	1/2	90960	1/2	98385
3/4	2861	3/4	10883	3/4	18907	3/4	26932	3/4	34956	3/4	42981	3/4	51005	3/4	59029	3/4	67054	3/4	75078	3/4	83103	3/4	91127	3/4	98455
7	3028	7	11050	7	19074	7	27099	7	35123	7	43148	7	51172	7	59197	7	67221	7	75245	7	83270	7	91294	7	98524
1/4	3195	1/4	11217	1/4	19242	1/4	27266	1/4	35290	1/4	43315	1/4	51339	1/4	59364	1/4	67388	1/4	75413	1/4	83437	1/4	91461	1/4	98594
1/2	3362	1/2	11384	1/2	19409	1/2	27433	1/2	35458	1/2	43482	1/2	51506	1/2	59531	1/2	67555	1/2	75580	1/2	83604	1/2	91628	1/2	98636
3/4	3529	3/4	11552	3/4	19576	3/4	27600	3/4	35625	3/4	43649	3/4	51674	3/4	59698	3/4	67722	3/4	75747	3/4	83771	3/4	91796	3/4	98678
8	3696	8	11719	8	19743	8	27768	8	35792	8	43816	8	51841	8	59865	8	67890	8	75914	8	83938	8	91963	8	98720
1/4	3864	1/4	11886	1/4	19910	1/4	27935	1/4	35959	1/4	43984	1/4	52008	1/4	60032	1/4	68057	1/4	76081	1/4	84106	1/4	92130	1/4	98761
1/2	4031	1/2	12053	1/2	20078	1/2	28102	1/2	36126	1/2	44151	1/2	52175	1/2	60200	1/2	68224	1/2	76248	1/2	84273	1/2	92297	1/2	98776
3/4	4198	3/4	12220	3/4	20245	3/4	28269	3/4	36294	3/4	44318	3/4	52342	3/4	60367	3/4	68391	3/4	76416	3/4	84440	3/4	92464	3/4	98790
9	4365	9	12387	9	20412	9	28436	9	36461	9	44485	9	52509	9	60534	9	68558	9	76583	9	84607	9	92632	9	98805
1/4	4532	1/4	12555	1/4	20579	1/4	28603	1/4	36628	1/4	44652	1/4	52677	1/4	60701	1/4	68725	1/4	76750	1/4	84774	1/4	92799	1/4	98819
1/2	4699	1/2	12722	1/2	20746	1/2	28771	1/2	36795	1/2	44819	1/2	52844	1/2	60868	1/2	68893	1/2	76917	1/2	84941	1/2	92966	1/2	
3/4	4866	3/4	12889	3/4	20913	3/4	28938	3/4	36962	3/4	44987	3/4	53011	3/4	61035	3/4	69060	3/4	77084	3/4	85109	3/4	93133	3/4	
10	5033	10	13056	10	21081	10	29105	10	37129	10	45154	10	53178	10	61203	10	69227	10	77251	10	85276	10	93300	10	
1/4	5201	1/4	13223	1/4	21248	1/4	29272	1/4	37297	1/4	45321	1/4	53345	1/4	61370	1/4	69394	1/4	77419	1/4	85443	1/4	93467	1/4	
1/2	5368	1/2	13391	1/2	21415	1/2	29439	1/2	37464	1/2	45488	1/2	53513	1/2	61537	1/2	69561	1/2	77586	1/2	85610	1/2	93635	1/2	
3/4	5535	3/4	13558	3/4	21582	3/4	29606	3/4	37631	3/4	45655	3/4	53680	3/4	61704	3/4	69729	3/4	77753	3/4	85777	3/4	93802	3/4	
11	5702	11	13725	11	21749	11	29774	11	37798	11	45822	11	53847	11	61871	11	69896	11	77920	11	85945	11	93969	11	
1/4	5869	1/4	13892	1/4	21916	1/4	29941	1/4	37965	1/4	45990	1/4	54014	1/4	62038	1/4	70063	1/4	78087</						

MAGNOLIA MARINE - BARGE "MM 101"

OUTAGE TABLE

4 PO 4 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0	66	0	6806	0	14940	0	23095	0	31250	0	39405	0	47560	0	55716	0	63871	0	72026	0	80181	0	87517	0	94316
1/4	82	1/4	6975	1/4	15110	1/4	23265	1/4	31420	1/4	39575	1/4	47730	1/4	55886	1/4	64041	1/4	72196	1/4	80351	1/4	87659	1/4	94458
1/2	128	1/2	7145	1/2	15280	1/2	23435	1/2	31590	1/2	39745	1/2	47900	1/2	56055	1/2	64211	1/2	72366	1/2	80521	1/2	87800	1/2	94600
3/4	174	3/4	7314	3/4	15449	3/4	23605	3/4	31760	3/4	39915	3/4	48070	3/4	56225	3/4	64381	3/4	72536	3/4	80691	3/4	87942	3/4	94741
1	221	1	7483	1	15619	1	23775	1	31930	1	40085	1	48240	1	56395	1	64550	1	72706	1	80861	1	88084	1	94883
1/4	267	1/4	7652	1/4	15789	1/4	23944	1/4	32100	1/4	40255	1/4	48410	1/4	56565	1/4	64720	1/4	72876	1/4	81031	1/4	88225	1/4	95024
1/2	344	1/2	7821	1/2	15959	1/2	24114	1/2	32270	1/2	40425	1/2	48580	1/2	56735	1/2	64890	1/2	73045	1/2	81199	1/2	88367	1/2	95166
3/4	421	3/4	7990	3/4	16129	3/4	24284	3/4	32439	3/4	40595	3/4	48750	3/4	56905	3/4	65060	3/4	73215	3/4	81367	3/4	88509	3/4	95308
2	498	2	8159	2	16299	2	24454	2	32609	2	40764	2	48920	2	57075	2	65230	2	73385	2	81535	2	88650	2	95449
1/4	576	1/4	8329	1/4	16469	1/4	24624	1/4	32779	1/4	40934	1/4	49090	1/4	57245	1/4	65400	1/4	73555	1/4	81702	1/4	88792	1/4	95591
1/2	684	1/2	8498	1/2	16639	1/2	24794	1/2	32949	1/2	41104	1/2	49259	1/2	57415	1/2	65570	1/2	73725	1/2	81866	1/2	88934	1/2	95733
3/4	792	3/4	8667	3/4	16809	3/4	24964	3/4	33119	3/4	41274	3/4	49429	3/4	57585	3/4	65740	3/4	73895	3/4	82030	3/4	89075	3/4	95874
3	900	3	8836	3	16979	3	25134	3	33289	3	41444	3	49599	3	57754	3	65910	3	74065	3	82195	3	89217	3	96004
1/4	1008	1/4	9005	1/4	17148	1/4	25304	1/4	33459	1/4	41614	1/4	49769	1/4	57924	1/4	66080	1/4	74235	1/4	82359	1/4	89359	1/4	96134
1/2	1147	1/2	9174	1/2	17318	1/2	25474	1/2	33629	1/2	41784	1/2	49939	1/2	58094	1/2	66249	1/2	74405	1/2	82519	1/2	89500	1/2	96264
3/4	1286	3/4	9344	3/4	17488	3/4	25643	3/4	33799	3/4	41954	3/4	50109	3/4	58264	3/4	66419	3/4	74575	3/4	82679	3/4	89642	3/4	96394
4	1425	4	9513	4	17658	4	25813	4	33969	4	42124	4	50279	4	58434	4	66589	4	74744	4	82839	4	89783	4	96500
1/4	1564	1/4	9682	1/4	17828	1/4	25983	1/4	34138	1/4	42294	1/4	50449	1/4	58604	1/4	66759	1/4	74914	1/4	82999	1/4	89925	1/4	96606
1/2	1726	1/2	9851	1/2	17998	1/2	26153	1/2	34308	1/2	42463	1/2	50619	1/2	58774	1/2	66929	1/2	75084	1/2	83155	1/2	90067	1/2	96712
3/4	1888	3/4	10020	3/4	18168	3/4	26323	3/4	34478	3/4	42633	3/4	50789	3/4	58944	3/4	67099	3/4	75254	3/4	83311	3/4	90208	3/4	96819
5	2058	5	10189	5	18338	5	26493	5	34648	5	42803	5	50958	5	59114	5	67269	5	75424	5	83467	5	90350	5	96901
1/4	2228	1/4	10358	1/4	18508	1/4	26663	1/4	34818	1/4	42973	1/4	51128	1/4	59284	1/4	67439	1/4	75594	1/4	83624	1/4	90492	1/4	96984
1/2	2398	1/2	10528	1/2	18678	1/2	26833	1/2	34988	1/2	43143	1/2	51298	1/2	59453	1/2	67609	1/2	75764	1/2	83776	1/2	90633	1/2	97066
3/4	2567	3/4	10697	3/4	18847	3/4	27003	3/4	35158	3/4	43313	3/4	51468	3/4	59623	3/4	67779	3/4	75934	3/4	83928	3/4	90775	3/4	97149
6	2737	6	10866	6	19017	6	27173	6	35328	6	43483	6	51638	6	59793	6	67948	6	76104	6	84080	6	90917	6	97208
1/4	2907	1/4	11035	1/4	19187	1/4	27342	1/4	35498	1/4	43653	1/4	51808	1/4	59963	1/4	68118	1/4	76274	1/4	84233	1/4	91058	1/4	97267
1/2	3077	1/2	11204	1/2	19357	1/2	27512	1/2	35667	1/2	43823	1/2	51978	1/2	60133	1/2	68288	1/2	76443	1/2	84381	1/2	91200	1/2	97326
3/4	3247	3/4	11373	3/4	19527	3/4	27682	3/4	35837	3/4	43993	3/4	52148	3/4	60303	3/4	68458	3/4	76613	3/4	84529	3/4	91342	3/4	97385
7	3417	7	11542	7	19697	7	27852	7	36007	7	44162	7	52318	7	60473	7	68628	7	76783	7	84677	7	91483	7	97420
1/4	3587	1/4	11712	1/4	19867	1/4	28022	1/4	36177	1/4	44332	1/4	52488	1/4	60643	1/4	68798	1/4	76953	1/4	84826	1/4	91625	1/4	97456
1/2	3757	1/2	11882	1/2	20037	1/2	28192	1/2	36347	1/2	44502	1/2	52657	1/2	60813	1/2	68968	1/2	77123	1/2	84967	1/2	91767	1/2	97491
3/4	3926	3/4	12051	3/4	20207	3/4	28362	3/4	36517	3/4	44672	3/4	52827	3/4	60983	3/4	69138	3/4	77293	3/4	85109	3/4	91908	3/4	97526
8	4096	8	12221	8	20377	8	28532	8	36687	8	44842	8	52997	8	61152	8	69308	8	77463	8	85251	8	92050	8	97539
1/4	4266	1/4	12391	1/4	20546	1/4	28702	1/4	36857	1/4	45012	1/4	53167	1/4	61322	1/4	69478	1/4	77633	1/4	85392	1/4	92192	1/4	97551
1/2	4436	1/2	12561	1/2	20716	1/2	28872	1/2	37027	1/2	45182	1/2	53337	1/2	61492	1/2	69647	1/2	77803	1/2	85534	1/2	92333	1/2	97563
3/4	4606	3/4	12731	3/4	20886	3/4	29041	3/4	37197	3/4	45352	3/4	53507	3/4	61662	3/4	69817	3/4	77973	3/4	85676	3/4	92475	3/4	97576
9	4776	9	12901	9	21056	9	29211	9	37366	9	45522	9	53677	9	61832	9	69987	9	78142	9	85817	9	92616	9	
1/4	4946	1/4	13071	1/4	21226	1/4	29381	1/4	37536	1/4	45692	1/4	53847	1/4	62002	1/4	70157	1/4	78312	1/4	85959	1/4	92758	1/4	
1/2	5115	1/2	13241	1/2	21396	1/2	29551	1/2	37706	1/2	45861	1/2	54017	1/2	62172	1/2	70327	1/2	78482	1/2	86101	1/2	92900	1/2	
3/4	5284	3/4	13411	3/4	21566	3/4	29721	3/4	37876	3/4	46031	3/4	54187	3/4	62342	3/4	70497	3/4	78652	3/4	86242	3/4	93041	3/4	
10	5453	10	13581	10	21736	10	29891	10	38046	10	46201	10	54356	10	62512	10	70667	10	78822	10	86384	10	93183	10	
1/4	5622	1/4	13750	1/4	21906	1/4	30061	1/4	38216	1/4	46371	1/4	54526	1/4	62682	1/4	70837	1/4	78992	1/4	86526	1/4	93325	1/4	
1/2	5791	1/2	13920	1/2	22076	1/2	30231	1/2	38386	1/2	46541	1/2	54696	1/2	62851	1/2	71007	1/2	79162	1/2	86667	1/2	93466	1/2	
3/4	5961	3/4	14090	3/4	22245	3/4	30401	3/4	38556	3/4	46711	3/4	54866	3/4	63021	3/4	71177	3/4	79332	3/4	86809	3/4	93608	3/4	
11	6130	11	14260	11	22415	11	30571	11	38726	11	46881	11	55036	11	63191	11	71346	11	79502	11	86951	11	93750	11	
1/4	6299	1/4	14430	1/4	22585	1/4	30740	1/4	38896	1/4	47051	1/4	55206	1/4	63361	1/4	71516	1/4	79672						

MAGNOLIA MARINE - BARGE "MM 101"

OUTAGE TABLE

4 ST.4 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0	50	0	6478	0	14425	0	22374	0	30323	0	38272	0	46221	0	54170	0	62121	0	70072	0	78023	0	85201	0	91828
1/4	65	1/4	6643	1/4	14591	1/4	22540	1/4	30489	1/4	38438	1/4	46387	1/4	54336	1/4	62287	1/4	70237	1/4	78188	1/4	85339	1/4	91967
1/2	80	1/2	6809	1/2	14756	1/2	22705	1/2	30654	1/2	38603	1/2	46552	1/2	54501	1/2	62452	1/2	70403	1/2	78354	1/2	85477	1/2	92105
3/4	125	3/4	6974	3/4	14922	3/4	22871	3/4	30820	3/4	38769	3/4	46718	3/4	54667	3/4	62618	3/4	70569	3/4	78520	3/4	85615	3/4	92243
1	170	1	7140	1	15088	1	23037	1	30986	1	38934	1	46883	1	54833	1	62784	1	70734	1	78685	1	85754	1	92381
1/4	216	1/4	7305	1/4	15253	1/4	23202	1/4	31151	1/4	39100	1/4	47049	1/4	54998	1/4	62949	1/4	70900	1/4	78851	1/4	85892	1/4	92519
1/2	261	1/2	7471	1/2	15419	1/2	23368	1/2	31317	1/2	39266	1/2	47215	1/2	55164	1/2	63115	1/2	71066	1/2	79016	1/2	86030	1/2	92657
3/4	336	3/4	7637	3/4	15584	3/4	23533	3/4	31482	3/4	39431	3/4	47380	3/4	55330	3/4	63280	3/4	71231	3/4	79180	3/4	86168	3/4	92795
2	412	2	7802	2	15750	2	23699	2	31648	2	39597	2	47546	2	55495	2	63446	2	71397	2	79344	2	86306	2	92933
1/4	487	1/4	7968	1/4	15916	1/4	23865	1/4	31814	1/4	39762	1/4	47711	1/4	55661	1/4	63612	1/4	71563	1/4	79508	1/4	86444	1/4	93071
1/2	562	1/2	8133	1/2	16081	1/2	24030	1/2	31979	1/2	39928	1/2	47877	1/2	55827	1/2	63777	1/2	71728	1/2	79671	1/2	86582	1/2	93209
3/4	667	3/4	8299	3/4	16247	3/4	24196	3/4	32145	3/4	40094	3/4	48043	3/4	55992	3/4	63943	3/4	71894	3/4	79831	3/4	86720	3/4	93347
3	773	3	8464	3	16412	3	24361	3	32310	3	40259	3	48208	3	56158	3	64109	3	72059	3	79991	3	86858	3	93485
1/4	878	1/4	8630	1/4	16578	1/4	24527	1/4	32476	1/4	40425	1/4	48374	1/4	56324	1/4	64274	1/4	72225	1/4	80151	1/4	86996	1/4	93612
1/2	983	1/2	8795	1/2	16744	1/2	24693	1/2	32642	1/2	40591	1/2	48539	1/2	56489	1/2	64440	1/2	72391	1/2	80311	1/2	87134	1/2	93738
3/4	1119	3/4	8961	3/4	16909	3/4	24858	3/4	32807	3/4	40756	3/4	48705	3/4	56655	3/4	64606	3/4	72556	3/4	80467	3/4	87272	3/4	93865
4	1254	4	9127	4	17075	4	25024	4	32973	4	40922	4	48871	4	56820	4	64771	4	72722	4	80623	4	87410	4	93991
1/4	1390	1/4	9292	1/4	17241	1/4	25189	1/4	33138	1/4	41087	1/4	49036	1/4	56986	1/4	64937	1/4	72888	1/4	80779	1/4	87548	1/4	94095
1/2	1525	1/2	9458	1/2	17406	1/2	25355	1/2	33304	1/2	41253	1/2	49202	1/2	57152	1/2	65103	1/2	73053	1/2	80935	1/2	87686	1/2	94198
3/4	1683	3/4	9623	3/4	17572	3/4	25521	3/4	33470	3/4	41419	3/4	49367	3/4	57317	3/4	65268	3/4	73219	3/4	81087	3/4	87825	3/4	94302
5	1841	5	9789	5	17737	5	25686	5	33635	5	41584	5	49533	5	57483	5	65434	5	73385	5	81240	5	87963	5	94405
1/4	2007	1/4	9954	1/4	17903	1/4	25852	1/4	33801	1/4	41750	1/4	49699	1/4	57649	1/4	65599	1/4	73550	1/4	81392	1/4	88101	1/4	94486
1/2	2172	1/2	10120	1/2	18069	1/2	26017	1/2	33966	1/2	41915	1/2	49864	1/2	57814	1/2	65765	1/2	73716	1/2	81544	1/2	88239	1/2	94566
3/4	2338	3/4	10285	3/4	18234	3/4	26183	3/4	34132	3/4	42081	3/4	50030	3/4	57980	3/4	65931	3/4	73882	3/4	81693	3/4	88377	3/4	94647
6	2504	6	10451	6	18400	6	26349	6	34298	6	42247	6	50195	6	58146	6	66096	6	74047	6	81841	6	88515	6	94727
1/4	2669	1/4	10617	1/4	18565	1/4	26514	1/4	34463	1/4	42412	1/4	50361	1/4	58311	1/4	66262	1/4	74213	1/4	81989	1/4	88653	1/4	94785
1/2	2835	1/2	10782	1/2	18731	1/2	26680	1/2	34629	1/2	42578	1/2	50527	1/2	58477	1/2	66428	1/2	74378	1/2	82138	1/2	88791	1/2	94842
3/4	3000	3/4	10948	3/4	18897	3/4	26845	3/4	34794	3/4	42743	3/4	50692	3/4	58642	3/4	66593	3/4	74544	3/4	82282	3/4	88929	3/4	94900
7	3166	7	11113	7	19062	7	27011	7	34960	7	42909	7	50858	7	58808	7	66759	7	74710	7	82427	7	89067	7	94957
1/4	3332	1/4	11279	1/4	19228	1/4	27177	1/4	35126	1/4	43075	1/4	51023	1/4	58974	1/4	66925	1/4	74875	1/4	82572	1/4	89205	1/4	94991
1/2	3497	1/2	11444	1/2	19393	1/2	27342	1/2	35291	1/2	43240	1/2	51189	1/2	59139	1/2	67090	1/2	75041	1/2	82716	1/2	89343	1/2	95026
3/4	3663	3/4	11610	3/4	19559	3/4	27508	3/4	35457	3/4	43406	3/4	51355	3/4	59305	3/4	67256	3/4	75207	3/4	82854	3/4	89481	3/4	95060
8	3828	8	11776	8	19725	8	27673	8	35622	8	43571	8	51520	8	59471	8	67422	8	75372	8	82992	8	89619	8	95094
1/4	3994	1/4	11941	1/4	19890	1/4	27839	1/4	35788	1/4	43737	1/4	51686	1/4	59636	1/4	67587	1/4	75538	1/4	83130	1/4	89757	1/4	95106
1/2	4160	1/2	12107	1/2	20056	1/2	28005	1/2	35954	1/2	43903	1/2	51851	1/2	59802	1/2	67753	1/2	75704	1/2	83268	1/2	89896	1/2	95118
3/4	4325	3/4	12272	3/4	20221	3/4	28170	3/4	36119	3/4	44068	3/4	52017	3/4	59968	3/4	67918	3/4	75869	3/4	83406	3/4	90034	3/4	95130
9	4491	9	12438	9	20387	9	28336	9	36285	9	44234	9	52183	9	60133	9	68084	9	76035	9	83544	9	90172	9	95142
1/4	4656	1/4	12604	1/4	20553	1/4	28501	1/4	36450	1/4	44399	1/4	52348	1/4	60299	1/4	68250	1/4	76201	1/4	83683	1/4	90310	1/4	
1/2	4822	1/2	12769	1/2	20718	1/2	28667	1/2	36616	1/2	44565	1/2	52514	1/2	60465	1/2	68415	1/2	76366	1/2	83821	1/2	90448	1/2	
3/4	4988	3/4	12935	3/4	20884	3/4	28833	3/4	36782	3/4	44731	3/4	52680	3/4	60630	3/4	68581	3/4	76532	3/4	83959	3/4	90586	3/4	
10	5153	10	13100	10	21049	10	28998	10	36947	10	44896	10	52845	10	60796	10	68747	10	76697	10	84097	10	90724	10	
1/4	5319	1/4	13266	1/4	21215	1/4	29164	1/4	37113	1/4	45062	1/4	53011	1/4	60961	1/4	68912	1/4	76863	1/4	84235	1/4	90862	1/4	
1/2	5484	1/2	13432	1/2	21381	1/2	29330	1/2	37278	1/2	45227	1/2	53176	1/2	61127	1/2	69078	1/2	77029	1/2	84373	1/2	91000	1/2	
3/4	5650	3/4	13597	3/4	21546	3/4	29495	3/4	37444	3/4	45393	3/4	53342	3/4	61293	3/4	69244	3/4	77194	3/4	84511	3/4	91138	3/4	
11	5815	11	13763	11	21712	11	29661	11	37610	11	45559	11	53508	11	61458	11	69409	11	77360	11	84649	11	91276	11	
1/4	5981	1/4	13928	1/4	21877	1/4	29826	1/4	37775	1/4	45724	1/4	53673	1/4	61624	1/4	69575	1/4	77526						