

MAGNOLIA MARINE - BARGE "MM 102"

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		FEET		
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.
0	45	0	5602	0	13672	0	22547	0	31489	0	40431	0	49373	0	58315	0	67257	0	76199	0	85141	0	94083	0	103025	0		
1/4	71	1/4	5759	1/4	13852	1/4	22734	1/4	31676	1/4	40618	1/4	49560	1/4	58502	1/4	67444	1/4	76386	1/4	85328	1/4	94270	1/4	103212	1/4		
1/2	96	1/2	5915	1/2	14031	1/2	22920	1/2	31862	1/2	40804	1/2	49746	1/2	58688	1/2	67630	1/2	76572	1/2	85514	1/2	94456	1/2	103398	1/2		
3/4	121	3/4	6072	3/4	14211	3/4	23106	3/4	32048	3/4	40990	3/4	49932	3/4	58874	3/4	67816	3/4	76758	3/4	85700	3/4	94642	3/4	103584	3/4		
1	166	1	6228	1	14393	1	23293	1	32235	1	41177	1	50119	1	59061	1	68003	1	76945	1	85887	1	94829	1	103771	1		
1/4	210	1/4	6385	1/4	14575	1/4	23479	1/4	32421	1/4	41363	1/4	50305	1/4	59247	1/4	68189	1/4	77131	1/4	86073	1/4	95015	1/4	103957	1/4		
1/2	255	1/2	6541	1/2	14757	1/2	23665	1/2	32607	1/2	41549	1/2	50491	1/2	59433	1/2	68375	1/2	77317	1/2	86259	1/2	95201	1/2	104143	1/2		
3/4	299	3/4	6698	3/4	14938	3/4	23851	3/4	32793	3/4	41735	3/4	50677	3/4	59619	3/4	68561	3/4	77503	3/4	86445	3/4	95387	3/4	104330	3/4		
2	367	2	6860	2	15120	2	24038	2	32980	2	41922	2	50864	2	59806	2	68748	2	77690	2	86632	2	95574	2	104516	2		
1/4	435	1/4	7021	1/4	15302	1/4	24224	1/4	33166	1/4	42108	1/4	51050	1/4	59992	1/4	68934	1/4	77876	1/4	86818	1/4	95760	1/4	104702	1/4		
1/2	503	1/2	7183	1/2	15484	1/2	24410	1/2	33352	1/2	42294	1/2	51236	1/2	60178	1/2	69120	1/2	78062	1/2	87004	1/2	95946	1/2	104888	1/2		
3/4	571	3/4	7345	3/4	15666	3/4	24597	3/4	33539	3/4	42481	3/4	51423	3/4	60365	3/4	69307	3/4	78249	3/4	87191	3/4	96133	3/4	105075	3/4		
3	658	3	7507	3	15850	3	24783	3	33725	3	42667	3	51609	3	60551	3	69493	3	78435	3	87377	3	96319	3	105261	3		
1/4	745	1/4	7668	1/4	16035	1/4	24969	1/4	33911	1/4	42853	1/4	51795	1/4	60737	1/4	69679	1/4	78621	1/4	87563	1/4	96505	1/4	105447	1/4		
1/2	832	1/2	7830	1/2	16219	1/2	25155	1/2	34097	1/2	43039	1/2	51982	1/2	60924	1/2	69866	1/2	78808	1/2	87750	1/2	96692	1/2	105618	1/2		
3/4	920	3/4	7992	3/4	16403	3/4	25342	3/4	34284	3/4	43226	3/4	52168	3/4	61110	3/4	70052	3/4	78994	3/4	87936	3/4	96878	3/4	105789	3/4		
4	1036	4	8159	4	16588	4	25528	4	34470	4	43412	4	52354	4	61296	4	70238	4	79180	4	88122	4	97064	4	105960	4		
1/4	1152	1/4	8325	1/4	16772	1/4	25714	1/4	34656	1/4	43598	1/4	52540	1/4	61482	1/4	70424	1/4	79366	1/4	88308	1/4	97250	1/4	106130	1/4		
1/2	1268	1/2	8492	1/2	16959	1/2	25901	1/2	34843	1/2	43785	1/2	52727	1/2	61669	1/2	70611	1/2	79553	1/2	88495	1/2	97437	1/2	106270	1/2		
3/4	1384	3/4	8659	3/4	17145	3/4	26087	3/4	35029	3/4	43971	3/4	52913	3/4	61855	3/4	70797	3/4	79739	3/4	88681	3/4	97623	3/4	106410	3/4		
5	1514	5	8826	5	17331	5	26273	5	35215	5	44157	5	53099	5	62041	5	70983	5	79925	5	88867	5	97809	5	106549	5		
1/4	1644	1/4	8992	1/4	17518	1/4	26460	1/4	35402	1/4	44344	1/4	53286	1/4	62228	1/4	71170	1/4	80112	1/4	89054	1/4	97996	1/4	106689	1/4		
1/2	1780	1/2	9159	1/2	17704	1/2	26646	1/2	35588	1/2	44530	1/2	53472	1/2	62414	1/2	71356	1/2	80298	1/2	89240	1/2	98182	1/2	106798	1/2		
3/4	1915	3/4	9326	3/4	17890	3/4	26832	3/4	35774	3/4	44716	3/4	53658	3/4	62600	3/4	71542	3/4	80484	3/4	89426	3/4	98368	3/4	106907	3/4		
6	2057	6	9495	6	18076	6	27018	6	35960	6	44902	6	53844	6	62786	6	71728	6	80670	6	89612	6	98554	6	107015	6		
1/4	2198	1/4	9664	1/4	18263	1/4	27205	1/4	36147	1/4	45089	1/4	54031	1/4	62973	1/4	71915	1/4	80857	1/4	89799	1/4	98741	1/4	107124	1/4		
1/2	2340	1/2	9833	1/2	18449	1/2	27391	1/2	36333	1/2	45275	1/2	54217	1/2	63159	1/2	72101	1/2	81043	1/2	89985	1/2	98927	1/2	107201	1/2		
3/4	2482	3/4	10002	3/4	18635	3/4	27577	3/4	36519	3/4	45461	3/4	54403	3/4	63345	3/4	72287	3/4	81229	3/4	90171	3/4	99113	3/4	107279	3/4		
7	2623	7	10171	7	18822	7	27764	7	36706	7	45648	7	54590	7	63532	7	72474	7	81416	7	90358	7	99300	7	107357	7		
1/4	2765	1/4	10340	1/4	19008	1/4	27950	1/4	36892	1/4	45834	1/4	54776	1/4	63718	1/4	72660	1/4	81602	1/4	90544	1/4	99486	1/4	107434	1/4		
1/2	2907	1/2	10510	1/2	19194	1/2	28136	1/2	37078	1/2	46020	1/2	54962	1/2	63904	1/2	72846	1/2	81788	1/2	90730	1/2	99672	1/2	107481	1/2		
3/4	3048	3/4	10679	3/4	19380	3/4	28322	3/4	37264	3/4	46206	3/4	55148	3/4	64090	3/4	73032	3/4	81974	3/4	90916	3/4	99858	3/4	107528	3/4		
8	3194	8	10852	8	19567	8	28509	8	37451	8	46393	8	55335	8	64277	8	73219	8	82161	8	91103	8	100045	8	107574	8		
1/4	3339	1/4	11025	1/4	19753	1/4	28695	1/4	37637	1/4	46579	1/4	55521	1/4	64463	1/4	73405	1/4	82347	1/4	91289	1/4	100231	1/4	107621	1/4		
1/2	3485	1/2	11199	1/2	19939	1/2	28881	1/2	37823	1/2	46765	1/2	55707	1/2	64649	1/2	73591	1/2	82533	1/2	91475	1/2	100417	1/2	107637	1/2		
3/4	3631	3/4	11372	3/4	20126	3/4	29068	3/4	38010	3/4	46952	3/4	55894	3/4	64836	3/4	73778	3/4	82720	3/4	91662	3/4	100604	3/4	107653	3/4		
9	3776	9	11546	9	20312	9	29254	9	38196	9	47138	9	56080	9	65022	9	73964	9	82906	9	91848	9	100790	9	107669	9		
1/4	3922	1/4	11719	1/4	20498	1/4	29440	1/4	38382	1/4	47324	1/4	56266	1/4	65208	1/4	74150	1/4	83092	1/4	92034	1/4	100976	1/4	107685	1/4		
1/2	4067	1/2	11892	1/2	20684	1/2	29626	1/2	38568	1/2	47511	1/2	56453	1/2	65395	1/2	74337	1/2	83279	1/2	92221	1/2	101163	1/2		1/2		
3/4	4213	3/4	12066	3/4	20871	3/4	29813	3/4	38755	3/4	47697	3/4	56639	3/4	65581	3/4	74523	3/4	83465	3/4	92407	3/4	101349	3/4		3/4		
10	4367	10	12243	10	21057	10	29999	10	38941	10	47883	10	56825	10	65767	10	74709	10	83651	10	92593	10	101535	10		10		
1/4	4521	1/4	12419	1/4	21243	1/4	30185	1/4	39127	1/4	48069	1/4	57011	1/4	65953	1/4	74895	1/4	83837	1/4	92779	1/4	101721	1/4		1/4		
1/2	4675	1/2	12596	1/2	21430	1/2	30372	1/2	39314	1/2	48256	1/2	57198	1/2	66140	1/2	75082	1/2	84024	1/2	92966	1/2	101908	1/2		1/2		
3/4	4829	3/4	12773	3/4	21616	3/4	30558	3/4	39500	3/4	48442	3/4	57384	3/4	66326	3/4	75268	3/4	84210	3/4	93152	3/4	102094	3/4		3/4		
11	4984	11	12953	11	21802	11	30744	11	39686	11	48628	11	57570	11	66512	11	75454	11	84396	11	93338	11	102280	11		11		
1/4	5138	1/4	13133	1/4	21989	1/4	30931	1/4	39873	1/4	48815	1/4	57757	1/4	66699	1/4	75641	1/4	84583	1/4	93525	1/4	102467	1/4		1/4		
1/2	5292	1/2	13312	1/2	22175	1/2	31117	1/2	40059	1/2	49001	1/2	57943	1/2	66885	1/2	75827	1/2	84769	1/2	93711	1/2	102653	1/2		1/2		
3/4	5446	3/4	13492	3/4	22361	3/4	31303	3																				

MAGNOLIA MARINE - BARGE "MM 102"

OUTAGE TABLE

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		FEET					
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.			
0	69	0	5630	0	13542	0	22222	0	30960	0	39699	0	48438	0	57176	0	65915	0	74653	0	83392	0	92130	0	100869	0					
1/4	94	1/4	5783	1/4	13718	1/4	22404	1/4	31142	1/4	39881	1/4	48620	1/4	57358	1/4	66097	1/4	74835	1/4	83574	1/4	92313	1/4	101051	1/4					
1/2	119	1/2	5936	1/2	13893	1/2	22586	1/2	31324	1/2	40063	1/2	48802	1/2	57540	1/2	66279	1/2	75017	1/2	83756	1/2	92495	1/2	101233	1/2					
3/4	162	3/4	6089	3/4	14071	3/4	22768	3/4	31507	3/4	40245	3/4	48984	3/4	57722	3/4	66461	3/4	75199	3/4	83938	3/4	92677	3/4	101415	3/4					
1	206	1	6242	1	14249	1	22950	1	31689	1	40427	1	49166	1	57904	1	66643	1	75382	1	84120	1	92859	1	101597	1					
1/4	250	1/4	6395	1/4	14426	1/4	23132	1/4	31871	1/4	40609	1/4	49348	1/4	58086	1/4	66825	1/4	75564	1/4	84302	1/4	93041	1/4	101779	1/4					
1/2	293	1/2	6548	1/2	14604	1/2	23314	1/2	32053	1/2	40791	1/2	49530	1/2	58268	1/2	67007	1/2	75746	1/2	84484	1/2	93223	1/2	101961	1/2					
3/4	359	3/4	6706	3/4	14782	3/4	23496	3/4	32235	3/4	40973	3/4	49712	3/4	58451	3/4	67189	3/4	75928	3/4	84666	3/4	93405	3/4	102143	3/4					
2	426	2	6864	2	14959	2	23678	2	32417	2	41155	2	49894	2	58633	2	67371	2	76110	2	84848	2	93587	2	102326	2					
1/4	492	1/4	7023	1/4	15137	1/4	23860	1/4	32599	1/4	41337	1/4	50076	1/4	58815	1/4	67553	1/4	76292	1/4	85030	1/4	93769	1/4	102508	1/4					
1/2	558	1/2	7181	1/2	15315	1/2	24042	1/2	32781	1/2	41520	1/2	50258	1/2	58997	1/2	67735	1/2	76474	1/2	85212	1/2	93951	1/2	102690	1/2					
3/4	644	3/4	7339	3/4	15495	3/4	24224	3/4	32963	3/4	41702	3/4	50440	3/4	59179	3/4	67917	3/4	76656	3/4	85394	3/4	94133	3/4	102872	3/4					
3	729	3	7497	3	15675	3	24406	3	33145	3	41884	3	50622	3	59361	3	68099	3	76838	3	85577	3	94315	3	103054	3					
1/4	814	1/4	7655	1/4	15855	1/4	24588	1/4	33327	1/4	42066	1/4	50804	1/4	59543	1/4	68281	1/4	77020	1/4	85759	1/4	94497	1/4	103221	1/4					
1/2	899	1/2	7813	1/2	16036	1/2	24771	1/2	33509	1/2	42248	1/2	50986	1/2	59725	1/2	68463	1/2	77202	1/2	85941	1/2	94679	1/2	103387	1/2					
3/4	1013	3/4	7976	3/4	16216	3/4	24953	3/4	33691	3/4	42430	3/4	51168	3/4	59907	3/4	68646	3/4	77384	3/4	86123	3/4	94861	3/4	103554	3/4					
4	1126	4	8140	4	16396	4	25135	4	33873	4	42612	4	51350	4	60089	4	68828	4	77566	4	86305	4	95043	4	103721	4					
1/4	1239	1/4	8303	1/4	16578	1/4	25317	1/4	34055	1/4	42794	1/4	51532	1/4	60271	1/4	69010	1/4	77748	1/4	86487	1/4	95225	1/4	103858	1/4					
1/2	1353	1/2	8466	1/2	16760	1/2	25499	1/2	34237	1/2	42976	1/2	51715	1/2	60453	1/2	69192	1/2	77930	1/2	86669	1/2	95407	1/2	103994	1/2					
3/4	1480	3/4	8629	3/4	16942	3/4	25681	3/4	34419	3/4	43158	3/4	51897	3/4	60635	3/4	69374	3/4	78112	3/4	86851	3/4	95590	3/4	104131	3/4					
5	1608	5	8792	5	17124	5	25863	5	34601	5	43340	5	52079	5	60817	5	69556	5	78294	5	87033	5	95772	5	104267	5					
1/4	1740	1/4	8955	1/4	17306	1/4	26045	1/4	34784	1/4	43522	1/4	52261	1/4	60999	1/4	69738	1/4	78476	1/4	87215	1/4	95954	1/4	104374	1/4					
1/2	1872	1/2	9118	1/2	17488	1/2	26227	1/2	34966	1/2	43704	1/2	52443	1/2	61181	1/2	69920	1/2	78658	1/2	87397	1/2	96136	1/2	104480	1/2					
3/4	2010	3/4	9283	3/4	17670	3/4	26409	3/4	35148	3/4	43886	3/4	52625	3/4	61363	3/4	70102	3/4	78841	3/4	87579	3/4	96318	3/4	104586	3/4					
6	2149	6	9449	6	17852	6	26591	6	35330	6	44068	6	52807	6	61545	6	70284	6	79023	6	87761	6	96500	6	104692	6					
1/4	2287	1/4	9614	1/4	18035	1/4	26773	1/4	35512	1/4	44250	1/4	52989	1/4	61727	1/4	70466	1/4	79205	1/4	87943	1/4	96682	1/4	104768	1/4					
1/2	2426	1/2	9779	1/2	18217	1/2	26955	1/2	35694	1/2	44432	1/2	53171	1/2	61910	1/2	70648	1/2	79387	1/2	88125	1/2	96864	1/2	104844	1/2					
3/4	2564	3/4	9945	3/4	18399	3/4	27137	3/4	35876	3/4	44614	3/4	53353	3/4	62092	3/4	70830	3/4	79569	3/4	88307	3/4	97046	3/4	104920	3/4					
7	2702	7	10110	7	18581	7	27319	7	36058	7	44796	7	53535	7	62274	7	71012	7	79751	7	88489	7	97228	7	104996	7					
1/4	2841	1/4	10276	1/4	18763	1/4	27501	1/4	36240	1/4	44979	1/4	53717	1/4	62456	1/4	71194	1/4	79933	1/4	88671	1/4	97410	1/4	105041	1/4					
1/2	2979	1/2	10441	1/2	18945	1/2	27683	1/2	36422	1/2	45161	1/2	53899	1/2	62638	1/2	71376	1/2	80115	1/2	88854	1/2	97592	1/2	105087	1/2					
3/4	3122	3/4	10610	3/4	19127	3/4	27865	3/4	36604	3/4	45343	3/4	54081	3/4	62820	3/4	71558	3/4	80297	3/4	89036	3/4	97774	3/4	105132	3/4					
8	3264	8	10780	8	19309	8	28048	8	36786	8	45525	8	54263	8	63002	8	71740	8	80479	8	89218	8	97956	8	105178	8					
1/4	3406	1/4	10949	1/4	19491	1/4	28230	1/4	36968	1/4	45707	1/4	54445	1/4	63184	1/4	71923	1/4	80661	1/4	89400	1/4	98138	1/4	105193	1/4					
1/2	3548	1/2	11119	1/2	19673	1/2	28412	1/2	37150	1/2	45889	1/2	54627	1/2	63366	1/2	72105	1/2	80843	1/2	89582	1/2	98320	1/2	105209	1/2					
3/4	3691	3/4	11288	3/4	19855	3/4	28594	3/4	37332	3/4	46071	3/4	54809	3/4	63548	3/4	72287	3/4	81025	3/4	89764	3/4	98502	3/4	105225	3/4					
9	3833	9	11458	9	20037	9	28776	9	37514	9	46253	9	54991	9	63730	9	72469	9	81207	9	89946	9	98684	9	105241	9					
1/4	3975	1/4	11627	1/4	20219	1/4	28958	1/4	37696	1/4	46435	1/4	55174	1/4	63912	1/4	72651	1/4	81389	1/4	90128	1/4	98866	1/4		1/4					
1/2	4118	1/2	11796	1/2	20401	1/2	29140	1/2	37878	1/2	46617	1/2	55356	1/2	64094	1/2	72833	1/2	81571	1/2	90310	1/2	99049	1/2		1/2					
3/4	4268	3/4	11969	3/4	20583	3/4	29322	3/4	38060	3/4	46799	3/4	55538	3/4	64276	3/4	73015	3/4	81753	3/4	90492	3/4	99231	3/4		3/4					
10	4419	10	12142	10	20765	10	29504	10	38243	10	46981	10	55720	10	64458	10	73197														

MAGNOLIA MARINE - BARGE "MM 102"

OUTAGE TABLE

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		FEET		
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.
0	66	0	6848	0	15033	0	23237	0	31442	0	39646	0	47851	0	56055	0	64259	0	72464	0	80668	0	88873	0	97077	0		
1/4	82	1/4	7018	1/4	15204	1/4	23408	1/4	31613	1/4	39817	1/4	48021	1/4	56226	1/4	64430	1/4	72635	1/4	80839	1/4	89044	1/4	97248	1/4		
1/2	129	1/2	7188	1/2	15375	1/2	23579	1/2	31784	1/2	39988	1/2	48192	1/2	56397	1/2	64601	1/2	72806	1/2	81010	1/2	89215	1/2	97419	1/2		
3/4	175	3/4	7359	3/4	15546	3/4	23750	3/4	31954	3/4	40159	3/4	48363	3/4	56568	3/4	64772	3/4	72977	3/4	81181	3/4	89385	3/4	97590	3/4		
1	222	1	7529	1	15717	1	23921	1	32125	1	40330	1	48534	1	56739	1	64943	1	73148	1	81352	1	89556	1	97761	1		
1/4	268	1/4	7699	1/4	15887	1/4	24092	1/4	32296	1/4	40501	1/4	48705	1/4	56910	1/4	65114	1/4	73318	1/4	81523	1/4	89727	1/4	97932	1/4		
1/2	346	1/2	7869	1/2	16058	1/2	24263	1/2	32467	1/2	40672	1/2	48876	1/2	57081	1/2	65285	1/2	73489	1/2	81694	1/2	89898	1/2	98103	1/2		
3/4	424	3/4	8040	3/4	16229	3/4	24434	3/4	32638	3/4	40843	3/4	49047	3/4	57251	3/4	65456	3/4	73660	3/4	81865	3/4	90069	3/4	98274	3/4		
2	501	2	8210	2	16400	2	24605	2	32809	2	41014	2	49218	2	57422	2	65627	2	73831	2	82036	2	90240	2	98445	2		
1/4	579	1/4	8380	1/4	16571	1/4	24776	1/4	32980	1/4	41184	1/4	49389	1/4	57593	1/4	65798	1/4	74002	1/4	82207	1/4	90411	1/4	98615	1/4		
1/2	688	1/2	8550	1/2	16742	1/2	24947	1/2	33151	1/2	41355	1/2	49560	1/2	57764	1/2	65969	1/2	74173	1/2	82378	1/2	90582	1/2	98786	1/2		
3/4	796	3/4	8721	3/4	16913	3/4	25117	3/4	33322	3/4	41526	3/4	49731	3/4	57935	3/4	66140	3/4	74344	3/4	82548	3/4	90753	3/4	98957	3/4		
3	905	3	8891	3	17084	3	25288	3	33493	3	41697	3	49902	3	58106	3	66311	3	74515	3	82719	3	90924	3	99114	3		
1/4	1014	1/4	9061	1/4	17255	1/4	25459	1/4	33664	1/4	41868	1/4	50073	1/4	58277	1/4	66481	1/4	74686	1/4	82890	1/4	91095	1/4	99271	1/4		
1/2	1154	1/2	9231	1/2	17426	1/2	25630	1/2	33835	1/2	42039	1/2	50244	1/2	58448	1/2	66652	1/2	74857	1/2	83061	1/2	91266	1/2	99427	1/2		
3/4	1293	3/4	9402	3/4	17597	3/4	25801	3/4	34006	3/4	42210	3/4	50414	3/4	58619	3/4	66823	3/4	75028	3/4	83232	3/4	91437	3/4	99584	3/4		
4	1433	4	9572	4	17768	4	25972	4	34176	4	42381	4	50585	4	58790	4	66994	4	75199	4	83403	4	91607	4	99712	4		
1/4	1573	1/4	9742	1/4	17939	1/4	26143	1/4	34347	1/4	42552	1/4	50756	1/4	58961	1/4	67165	1/4	75370	1/4	83574	1/4	91778	1/4	99840	1/4		
1/2	1736	1/2	9912	1/2	18109	1/2	26314	1/2	34518	1/2	42723	1/2	50927	1/2	59132	1/2	67336	1/2	75540	1/2	83745	1/2	91949	1/2	99969	1/2		
3/4	1899	3/4	10083	3/4	18280	3/4	26485	3/4	34689	3/4	42894	3/4	51098	3/4	59303	3/4	67507	3/4	75711	3/4	83916	3/4	92120	3/4	100097	3/4		
5	2070	5	10253	5	18451	5	26656	5	34860	5	43065	5	51269	5	59473	5	67678	5	75882	5	84087	5	92291	5	100197	5		
1/4	2241	1/4	10423	1/4	18622	1/4	26827	1/4	35031	1/4	43236	1/4	51440	1/4	59644	1/4	67849	1/4	76053	1/4	84258	1/4	92462	1/4	100296	1/4		
1/2	2412	1/2	10593	1/2	18793	1/2	26998	1/2	35202	1/2	43406	1/2	51611	1/2	59815	1/2	68020	1/2	76224	1/2	84429	1/2	92633	1/2	100396	1/2		
3/4	2583	3/4	10764	3/4	18964	3/4	27169	3/4	35373	3/4	43577	3/4	51782	3/4	59986	3/4	68191	3/4	76395	3/4	84600	3/4	92804	3/4	100496	3/4		
6	2754	6	10934	6	19135	6	27339	6	35544	6	43748	6	51953	6	60157	6	68362	6	76566	6	84770	6	92975	6	100567	6		
1/4	2924	1/4	11104	1/4	19306	1/4	27510	1/4	35715	1/4	43919	1/4	52124	1/4	60328	1/4	68533	1/4	76737	1/4	84941	1/4	93146	1/4	100638	1/4		
1/2	3095	1/2	11274	1/2	19477	1/2	27681	1/2	35886	1/2	44090	1/2	52295	1/2	60499	1/2	68703	1/2	76908	1/2	85112	1/2	93317	1/2	100709	1/2		
3/4	3266	3/4	11445	3/4	19648	3/4	27852	3/4	36057	3/4	44261	3/4	52466	3/4	60670	3/4	68874	3/4	77079	3/4	85283	3/4	93488	3/4	100781	3/4		
7	3437	7	11615	7	19819	7	28023	7	36228	7	44432	7	52636	7	60841	7	69045	7	77250	7	85454	7	93659	7	100823	7		
1/4	3608	1/4	11785	1/4	19990	1/4	28194	1/4	36399	1/4	44603	1/4	52807	1/4	61012	1/4	69216	1/4	77421	1/4	85625	1/4	93830	1/4	100866	1/4		
1/2	3779	1/2	11956	1/2	20161	1/2	28365	1/2	36569	1/2	44774	1/2	52978	1/2	61183	1/2	69387	1/2	77592	1/2	85796	1/2	94000	1/2	100909	1/2		
3/4	3950	3/4	12127	3/4	20332	3/4	28536	3/4	36740	3/4	44945	3/4	53149	3/4	61354	3/4	69558	3/4	77763	3/4	85967	3/4	94171	3/4	100951	3/4		
8	4121	8	12298	8	20502	8	28707	8	36911	8	45116	8	53320	8	61525	8	69729	8	77933	8	86138	8	94342	8	100966	8		
1/4	4292	1/4	12469	1/4	20673	1/4	28878	1/4	37082	1/4	45287	1/4	53491	1/4	61696	1/4	69900	1/4	78104	1/4	86309	1/4	94513	1/4	100980	1/4		
1/2	4462	1/2	12640	1/2	20844	1/2	29049	1/2	37253	1/2	45458	1/2	53662	1/2	61866	1/2	70071	1/2	78275	1/2	86480	1/2	94684	1/2	100994	1/2		
3/4	4633	3/4	12811	3/4	21015	3/4	29220	3/4	37424	3/4	45629	3/4	53833	3/4	62037	3/4	70242	3/4	78446	3/4	86651	3/4	94855	3/4	101008	3/4		
9	4804	9	12982	9	21186	9	29391	9	37595	9	45799	9	54004	9	62208	9	70413	9	78617	9	86822	9	95026	9		9		
1/4	4975	1/4	13153	1/4	21357	1/4	29562	1/4	37766	1/4	45970	1/4	54175	1/4	62379	1/4	70584	1/4	78788	1/4	86993	1/4	95197	1/4		1/4		
1/2	5145	1/2	13324	1/2	21528	1/2	29732	1/2	37937	1/2	46141	1/2	54346	1/2	62550	1/2	70755	1/2	78959	1/2	87163	1/2	95368	1/2		1/2		
3/4	5316	3/4	13494	3/4	21699	3/4	29903	3/4	38108	3/4	46312	3/4	54517	3/4	62721	3/4	70926	3/4	79130	3/4	87334	3/4	95539	3/4		3/4		
10	5486	10	13665	10	21870	10	30074	10	38279	10	46483	10	54688	10	62892	10	71096	10	79301	10	87505	10	95710	10		10		
1/4	5656	1/4	13836	1/4	22041	1/4	30245	1/4	38450	1/4	46654	1/4	54858	1/4	63063	1/4	71267	1/4	79472	1/4	87676	1/4	95881	1/4		1/4		
1/2	5826	1/2	14007	1/2	22212	1/2	30416	1/2	38621	1/2	46825	1/2	55029	1/2	63234	1/2	71438	1/2	79643	1/2	87847	1/2	96052	1/2		1/2		
3/4	5997	3/4	14178	3/4	22383	3/4	30587	3/4	38791	3/4	46996	3/4	55200	3/4	63405	3/4	71609	3/4	79814	3/4	88018	3/4	96222	3/4		3/4		
11	6167	11	14349	11	22554	11	30758	11	38962	11	47167	11	55371	11	63576	11	71780	11	79985	11	88189	11	96393	11		11		
1/4	6337	1/4	14520	1/4	22724	1/4	30929	1/4	39133	1/4	47338	1/4	55542	1/4	63747	1/4	71951	1/4	80155	1/4	88360	1/4	96564	1/4		1/4		
1/2	6507	1/2	14691	1/2	22895	1/2	31100	1/2	39304	1/2	47509	1/2	55713	1/2	63918	1/2	72122	1/2	80326	1/2	88531	1/2	96735	1/2		1/2		
3/4	6678	3/4	14862	3/4	23066	3/4	31271	3/4	39475	3/4	47680	3																

MAGNOLIA MARINE - BARGE "MM 102"

OUTAGE TABLE

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		FEET			
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0	65	0	6711	0	14741	0	22772	0	30804	0	38835	0	46867	0	54898	0	62867	0	70961	0	78993	0	87024	0	95056	0		0	
1/4	81	1/4	6878	1/4	14908	1/4	22940	1/4	30971	1/4	39003	1/4	47034	1/4	55066	1/4	63097	1/4	71129	1/4	79160	1/4	87192	1/4	95223	1/4		1/4	
1/2	126	1/2	7045	1/2	15076	1/2	23107	1/2	31139	1/2	39170	1/2	47202	1/2	55233	1/2	63265	1/2	71296	1/2	79327	1/2	87359	1/2	95390	1/2		1/2	
3/4	172	3/4	7212	3/4	15243	3/4	23274	3/4	31306	3/4	39337	3/4	47369	3/4	55400	3/4	63432	3/4	71463	3/4	79495	3/4	87526	3/4	95558	3/4		3/4	
1	217	1	7380	1	15410	1	23442	1	31473	1	39505	1	47536	1	55568	1	63599	1	71631	1	79662	1	87694	1	95725	1		1	
1/4	263	1/4	7547	1/4	15578	1/4	23609	1/4	31640	1/4	39672	1/4	47703	1/4	55735	1/4	63766	1/4	71798	1/4	79829	1/4	87861	1/4	95892	1/4		1/4	
1/2	339	1/2	7714	1/2	15745	1/2	23776	1/2	31808	1/2	39839	1/2	47871	1/2	55902	1/2	63934	1/2	71965	1/2	79997	1/2	88028	1/2	96060	1/2		1/2	
3/4	415	3/4	7882	3/4	15912	3/4	23944	3/4	31975	3/4	40007	3/4	48038	3/4	56070	3/4	64101	3/4	72133	3/4	80164	3/4	88196	3/4	96227	3/4		3/4	
2	491	2	8049	2	16079	2	24111	2	32142	2	40174	2	48205	2	56237	2	64268	2	72300	2	80331	2	88363	2	96394	2		2	
1/4	567	1/4	8216	1/4	16247	1/4	24278	1/4	32310	1/4	40341	1/4	48373	1/4	56404	1/4	64436	1/4	72467	1/4	80499	1/4	88530	1/4	96562	1/4		1/4	
1/2	673	1/2	8383	1/2	16414	1/2	24446	1/2	32477	1/2	40509	1/2	48540	1/2	56572	1/2	64603	1/2	72635	1/2	80666	1/2	88698	1/2	96729	1/2		1/2	
3/4	780	3/4	8551	3/4	16581	3/4	24613	3/4	32644	3/4	40676	3/4	48707	3/4	56739	3/4	64770	3/4	72802	3/4	80833	3/4	88865	3/4	96896	3/4		3/4	
3	886	3	8718	3	16749	3	24780	3	32812	3	40843	3	48875	3	56906	3	64938	3	72969	3	81001	3	89032	3	97050	3		3	
1/4	993	1/4	8885	1/4	16916	1/4	24948	1/4	32979	1/4	41011	1/4	49042	1/4	57074	1/4	65105	1/4	73137	1/4	81168	1/4	89200	1/4	97203	1/4		1/4	
1/2	1130	1/2	9053	1/2	17083	1/2	25115	1/2	33146	1/2	41178	1/2	49209	1/2	57241	1/2	65272	1/2	73304	1/2	81335	1/2	89367	1/2	97357	1/2		1/2	
3/4	1266	3/4	9220	3/4	17251	3/4	25282	3/4	33314	3/4	41345	3/4	49377	3/4	57408	3/4	65440	3/4	73471	3/4	81503	3/4	89534	3/4	97510	3/4		3/4	
4	1403	4	9387	4	17418	4	25450	4	33481	4	41513	4	49544	4	57576	4	65607	4	73639	4	81670	4	89702	4	97635	4		4	
1/4	1540	1/4	9554	1/4	17585	1/4	25617	1/4	33648	1/4	41680	1/4	49711	1/4	57743	1/4	65774	1/4	73806	1/4	81837	1/4	89869	1/4	97761	1/4		1/4	
1/2	1700	1/2	9722	1/2	17753	1/2	25784	1/2	33816	1/2	41847	1/2	49879	1/2	57910	1/2	65942	1/2	73973	1/2	82005	1/2	90036	1/2	97886	1/2		1/2	
3/4	1860	3/4	9889	3/4	17920	3/4	25952	3/4	33983	3/4	42015	3/4	50046	3/4	58077	3/4	66109	3/4	74140	3/4	82172	3/4	90203	3/4	98012	3/4		3/4	
5	2027	5	10056	5	18087	5	26119	5	34150	5	42182	5	50213	5	58245	5	66276	5	74308	5	82339	5	90371	5	98109	5		5	
1/4	2194	1/4	10224	1/4	18255	1/4	26286	1/4	34318	1/4	42349	1/4	50381	1/4	58412	1/4	66444	1/4	74475	1/4	82507	1/4	90538	1/4	98207	1/4		1/4	
1/2	2361	1/2	10391	1/2	18422	1/2	26453	1/2	34485	1/2	42516	1/2	50548	1/2	58579	1/2	66611	1/2	74642	1/2	82674	1/2	90705	1/2	98305	1/2		1/2	
3/4	2529	3/4	10558	3/4	18589	3/4	26621	3/4	34652	3/4	42684	3/4	50715	3/4	58747	3/4	66778	3/4	74810	3/4	82841	3/4	90873	3/4	98402	3/4		3/4	
6	2696	6	10725	6	18757	6	26788	6	34820	6	42851	6	50883	6	58914	6	66946	6	74977	6	83009	6	91040	6	98472	6		6	
1/4	2863	1/4	10893	1/4	18924	1/4	26955	1/4	34987	1/4	43018	1/4	51050	1/4	59081	1/4	67113	1/4	75144	1/4	83176	1/4	91207	1/4	98542	1/4		1/4	
1/2	3031	1/2	11060	1/2	19091	1/2	27123	1/2	35154	1/2	43186	1/2	51217	1/2	59249	1/2	67280	1/2	75312	1/2	83343	1/2	91375	1/2	98611	1/2		1/2	
3/4	3198	3/4	11227	3/4	19259	3/4	27290	3/4	35322	3/4	43353	3/4	51385	3/4	59416	3/4	67448	3/4	75479	3/4	83511	3/4	91542	3/4	98681	3/4		3/4	
7	3365	7	11394	7	19426	7	27457	7	35489	7	43520	7	51552	7	59583	7	67615	7	75646	7	83678	7	91709	7	98723	7		7	
1/4	3532	1/4	11562	1/4	19593	1/4	27625	1/4	35656	1/4	43688	1/4	51719	1/4	59751	1/4	67782	1/4	75814	1/4	83845	1/4	91877	1/4	98765	1/4		1/4	
1/2	3700	1/2	11729	1/2	19761	1/2	27792	1/2	35824	1/2	43855	1/2	51887	1/2	59918	1/2	67950	1/2	75981	1/2	84013	1/2	92044	1/2	98807	1/2		1/2	
3/4	3867	3/4	11896	3/4	19928	3/4	27959	3/4	35991	3/4	44022	3/4	52054	3/4	60085	3/4	68117	3/4	76148	3/4	84180	3/4	92211	3/4	98848	3/4		3/4	
8	4034	8	12064	8	20095	8	28127	8	36158	8	44190	8	52221	8	60253	8	68284	8	76316	8	84347	8	92379	8	98862	8		8	
1/4	4201	1/4	12231	1/4	20263	1/4	28294	1/4	36326	1/4	44357	1/4	52389	1/4	60420	1/4	68452	1/4	76483	1/4	84514	1/4	92546	1/4	98876	1/4		1/4	
1/2	4369	1/2	12398	1/2	20430	1/2	28461	1/2	36493	1/2	44524	1/2	52556	1/2	60587	1/2	68619	1/2	76650	1/2	84682	1/2	92713	1/2	98890	1/2		1/2	
3/4	4536	3/4	12566	3/4	20597	3/4	28629	3/4	36660	3/4	44692	3/4	52723	3/4	60755	3/4	68786	3/4	76818	3/4	84849	3/4	92881	3/4	98904	3/4		3/4	
9	4703	9	12733	9	20765	9	28796	9	36828	9	44859	9	52890	9	60922	9	68953	9	76985	9	85016	9	93048	9		9			
1/4	4871	1/4	12900	1/4	20932	1/4	28963	1/4	36995	1/4	45026	1/4	53058	1/4	61089	1/4	69121	1/4	77152	1/4	85184	1/4	93215	1/4		1/4			
1/2	5038	1/2	13068	1/2	21099	1/2	29131	1/2	37162	1/2	45194	1/2	53225	1/2	61257	1/2	69288	1/2	77320	1/2	85351	1/2	93383	1/2		1/2			
3/4	5205	3/4	13235	3/4	21266	3/4	29298	3/4	37329	3/4	45361	3/4	53392	3/4	61424	3/4	69455	3/4	77487	3/4	85518	3/4	93550	3/4		3/4			
10	5372	10	13402	10	21434	10	29465	10	37497	10	45528	10	53560	10	61591	10	69623	10	77654	10	85686	10	93717	10		10			
1/4	5540	1/4	13570	1/4	21601	1/4	29633	1/4	37664	1/4	45696	1/4	53727	1/4	61759														

MAGNOLIA MARINE - BARGE "MM 102"

OUTAGE TABLE

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		FEET		
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.
0	66	0	6848	0	15033	0	23237	0	31442	0	39646	0	47851	0	56055	0	64259	0	72464	0	80668	0	88873	0	97077	0		
1/4	82	1/4	7018	1/4	15204	1/4	23408	1/4	31613	1/4	39817	1/4	48021	1/4	56226	1/4	64430	1/4	72635	1/4	80839	1/4	89044	1/4	97248	1/4		
1/2	129	1/2	7188	1/2	15375	1/2	23579	1/2	31784	1/2	39988	1/2	48192	1/2	56397	1/2	64601	1/2	72806	1/2	81010	1/2	89215	1/2	97419	1/2		
3/4	175	3/4	7359	3/4	15546	3/4	23750	3/4	31954	3/4	40159	3/4	48363	3/4	56568	3/4	64772	3/4	72977	3/4	81181	3/4	89385	3/4	97590	3/4		
1	222	1	7529	1	15717	1	23921	1	32125	1	40330	1	48534	1	56739	1	64943	1	73148	1	81352	1	89556	1	97761	1		
1/4	268	1/4	7699	1/4	15887	1/4	24092	1/4	32296	1/4	40501	1/4	48705	1/4	56910	1/4	65114	1/4	73318	1/4	81523	1/4	89727	1/4	97932	1/4		
1/2	346	1/2	7869	1/2	16058	1/2	24263	1/2	32467	1/2	40672	1/2	48876	1/2	57081	1/2	65285	1/2	73489	1/2	81694	1/2	89898	1/2	98103	1/2		
3/4	424	3/4	8040	3/4	16229	3/4	24434	3/4	32638	3/4	40843	3/4	49047	3/4	57251	3/4	65456	3/4	73660	3/4	81865	3/4	90069	3/4	98274	3/4		
2	501	2	8210	2	16400	2	24605	2	32809	2	41014	2	49218	2	57422	2	65627	2	73831	2	82036	2	90240	2	98445	2		
1/4	579	1/4	8380	1/4	16571	1/4	24776	1/4	32980	1/4	41184	1/4	49389	1/4	57593	1/4	65798	1/4	74002	1/4	82207	1/4	90411	1/4	98615	1/4		
1/2	688	1/2	8550	1/2	16742	1/2	24947	1/2	33151	1/2	41355	1/2	49560	1/2	57764	1/2	65969	1/2	74173	1/2	82378	1/2	90582	1/2	98786	1/2		
3/4	796	3/4	8721	3/4	16913	3/4	25117	3/4	33322	3/4	41526	3/4	49731	3/4	57935	3/4	66140	3/4	74344	3/4	82548	3/4	90753	3/4	98957	3/4		
3	905	3	8891	3	17084	3	25288	3	33493	3	41697	3	49902	3	58106	3	66311	3	74515	3	82719	3	90924	3	99114	3		
1/4	1014	1/4	9061	1/4	17255	1/4	25459	1/4	33664	1/4	41868	1/4	50073	1/4	58277	1/4	66481	1/4	74686	1/4	82890	1/4	91095	1/4	99271	1/4		
1/2	1154	1/2	9231	1/2	17426	1/2	25630	1/2	33835	1/2	42039	1/2	50244	1/2	58448	1/2	66652	1/2	74857	1/2	83061	1/2	91266	1/2	99427	1/2		
3/4	1293	3/4	9402	3/4	17597	3/4	25801	3/4	34006	3/4	42210	3/4	50414	3/4	58619	3/4	66823	3/4	75028	3/4	83232	3/4	91437	3/4	99584	3/4		
4	1433	4	9572	4	17768	4	25972	4	34176	4	42381	4	50585	4	58790	4	66994	4	75199	4	83403	4	91607	4	99712	4		
1/4	1573	1/4	9742	1/4	17939	1/4	26143	1/4	34347	1/4	42552	1/4	50756	1/4	58961	1/4	67165	1/4	75370	1/4	83574	1/4	91778	1/4	99840	1/4		
1/2	1736	1/2	9912	1/2	18109	1/2	26314	1/2	34518	1/2	42723	1/2	50927	1/2	59132	1/2	67336	1/2	75540	1/2	83745	1/2	91949	1/2	99969	1/2		
3/4	1899	3/4	10083	3/4	18280	3/4	26485	3/4	34689	3/4	42894	3/4	51098	3/4	59303	3/4	67507	3/4	75711	3/4	83916	3/4	92120	3/4	100097	3/4		
5	2070	5	10253	5	18451	5	26656	5	34860	5	43065	5	51269	5	59473	5	67678	5	75882	5	84087	5	92291	5	100197	5		
1/4	2241	1/4	10423	1/4	18622	1/4	26827	1/4	35031	1/4	43236	1/4	51440	1/4	59644	1/4	67849	1/4	76053	1/4	84258	1/4	92462	1/4	100296	1/4		
1/2	2412	1/2	10593	1/2	18793	1/2	26998	1/2	35202	1/2	43406	1/2	51611	1/2	59815	1/2	68020	1/2	76224	1/2	84429	1/2	92633	1/2	100396	1/2		
3/4	2583	3/4	10764	3/4	18964	3/4	27169	3/4	35373	3/4	43577	3/4	51782	3/4	59986	3/4	68191	3/4	76395	3/4	84600	3/4	92804	3/4	100496	3/4		
6	2754	6	10934	6	19135	6	27339	6	35544	6	43748	6	51953	6	60157	6	68362	6	76566	6	84770	6	92975	6	100567	6		
1/4	2924	1/4	11104	1/4	19306	1/4	27510	1/4	35715	1/4	43919	1/4	52124	1/4	60328	1/4	68533	1/4	76737	1/4	84941	1/4	93146	1/4	100638	1/4		
1/2	3095	1/2	11274	1/2	19477	1/2	27681	1/2	35886	1/2	44090	1/2	52295	1/2	60499	1/2	68703	1/2	76908	1/2	85112	1/2	93317	1/2	100709	1/2		
3/4	3266	3/4	11445	3/4	19648	3/4	27852	3/4	36057	3/4	44261	3/4	52466	3/4	60670	3/4	68874	3/4	77079	3/4	85283	3/4	93488	3/4	100781	3/4		
7	3437	7	11615	7	19819	7	28023	7	36228	7	44432	7	52636	7	60841	7	69045	7	77250	7	85454	7	93659	7	100823	7		
1/4	3608	1/4	11785	1/4	19990	1/4	28194	1/4	36399	1/4	44603	1/4	52807	1/4	61012	1/4	69216	1/4	77421	1/4	85625	1/4	93830	1/4	100866	1/4		
1/2	3779	1/2	11956	1/2	20161	1/2	28365	1/2	36569	1/2	44774	1/2	52978	1/2	61183	1/2	69387	1/2	77592	1/2	85796	1/2	94000	1/2	100909	1/2		
3/4	3950	3/4	12127	3/4	20332	3/4	28536	3/4	36740	3/4	44945	3/4	53149	3/4	61354	3/4	69558	3/4	77763	3/4	85967	3/4	94171	3/4	100951	3/4		
8	4121	8	12298	8	20502	8	28707	8	36911	8	45116	8	53320	8	61525	8	69729	8	77933	8	86138	8	94342	8	100966	8		
1/4	4292	1/4	12469	1/4	20673	1/4	28878	1/4	37082	1/4	45287	1/4	53491	1/4	61696	1/4	69900	1/4	78104	1/4	86309	1/4	94513	1/4	100980	1/4		
1/2	4462	1/2	12640	1/2	20844	1/2	29049	1/2	37253	1/2	45458	1/2	53662	1/2	61866	1/2	70071	1/2	78275	1/2	86480	1/2	94684	1/2	100994	1/2		
3/4	4633	3/4	12811	3/4	21015	3/4	29220	3/4	37424	3/4	45629	3/4	53833	3/4	62037	3/4	70242	3/4	78446	3/4	86651	3/4	94855	3/4	101008	3/4		
9	4804	9	12982	9	21186	9	29391	9	37595	9	45799	9	54004	9	62208	9	70413	9	78617	9	86822	9	95026	9		9		
1/4	4975	1/4	13153	1/4	21357	1/4	29562	1/4	37766	1/4	45970	1/4	54175	1/4	62379	1/4	70584	1/4	78788	1/4	86993	1/4	95197	1/4		1/4		
1/2	5145	1/2	13324	1/2	21528	1/2	29732	1/2	37937	1/2	46141	1/2	54346	1/2	62550	1/2	70755	1/2	78959	1/2	87163	1/2	95368	1/2		1/2		
3/4	5316	3/4	13494	3/4	21699	3/4	29903	3/4	38108	3/4	46312	3/4	54517	3/4	62721	3/4	70926	3/4	79130	3/4	87334	3/4	95539	3/4		3/4		
10	5486	10	13665	10	21870	10	30074	10	38279	10	46483	10	54688	10	62892	10	71096	10	79301	10	87505	10	95710	10		10		
1/4	5656	1/4	13836	1/4	22041	1/4	30245	1/4	38450	1/4	46654	1/4	54858	1/4	63063	1/4	71267	1/4	79472	1/4	87676	1/4	95881	1/4		1/4		
1/2	5826	1/2	14007	1/2	22212	1/2	30416	1/2	38621	1/2	46825	1/2	55029	1/2	63234	1/2	71438	1/2	79643	1/2	87847	1/2	96052	1/2		1/2		
3/4	5997	3/4	14178	3/4	22383	3/4	30587	3/4	38791	3/4	46996	3/4	55200	3/4	63405	3/4	71609	3/4	79814	3/4	88018	3/4	96222	3/4		3/4		
11	6167	11	14349	11	22554	11	30758	11	38962	11	47167	11	55371	11	63576	11	71780	11	79985	11	88189	11	96393	11		11		
1/4	6337	1/4	14520	1/4	22724	1/4	30929	1/4	39133	1/4	47338	1/4	55542	1/4	63747	1/4	71951	1/4	80155	1/4	88360	1/4	96564	1/4		1/4		
1/2	6507	1/2	14691	1/2	22895	1/2	31100	1/2	39304	1/2	47509	1/2	55713	1/2	63918	1/2	72122	1/2	80326	1/2	88531	1/2	96735	1/2		1/2		
3/4	6678	3/4	14862	3/4	23066	3/4	31271	3/4	39475	3/4	47680	3																

MAGNOLIA MARINE - BARGE "MM 102"

OUTAGE TABLE

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		FEET		
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.
0	81	0	6874	0	14899	0	22926	0	30953	0	38980	0	47006	0	55033	0	63060	0	71087	0	79113	0	87140	0	95167	0		
1/4	126	1/4	7041	1/4	15067	1/4	23093	1/4	31120	1/4	39147	1/4	47174	1/4	55200	1/4	63227	1/4	71254	1/4	79281	1/4	87307	1/4	95334	1/4		
1/2	172	1/2	7208	1/2	15234	1/2	23261	1/2	31287	1/2	39314	1/2	47341	1/2	55368	1/2	63394	1/2	71421	1/2	79448	1/2	87475	1/2	95501	1/2		
3/4	217	3/4	7375	3/4	15401	3/4	23428	3/4	31455	3/4	39481	3/4	47508	3/4	55535	3/4	63562	3/4	71588	3/4	79615	3/4	87642	3/4	95669	3/4		
1	263	1	7543	1	15568	1	23595	1	31622	1	39649	1	47675	1	55702	1	63729	1	71756	1	79782	1	87809	1	95836	1		
1/4	339	1/4	7710	1/4	15736	1/4	23762	1/4	31789	1/4	39816	1/4	47843	1/4	55869	1/4	63896	1/4	71923	1/4	79950	1/4	87976	1/4	96003	1/4		
1/2	415	1/2	7877	1/2	15903	1/2	23930	1/2	31956	1/2	39983	1/2	48010	1/2	56037	1/2	64063	1/2	72090	1/2	80117	1/2	88144	1/2	96170	1/2		
3/4	491	3/4	8044	3/4	16070	3/4	24097	3/4	32124	3/4	40150	3/4	48177	3/4	56204	3/4	64231	3/4	72257	3/4	80284	3/4	88311	3/4	96338	3/4		
2	567	2	8211	2	16237	2	24264	2	32291	2	40317	2	48344	2	56371	2	64398	2	72425	2	80451	2	88478	2	96505	2		
1/4	673	1/4	8379	1/4	16404	1/4	24431	1/4	32458	1/4	40485	1/4	48511	1/4	56538	1/4	64565	1/4	72592	1/4	80619	1/4	88645	1/4	96672	1/4		
1/2	779	1/2	8546	1/2	16572	1/2	24598	1/2	32625	1/2	40652	1/2	48679	1/2	56705	1/2	64732	1/2	72759	1/2	80786	1/2	88812	1/2	96839	1/2		
3/4	886	3/4	8713	3/4	16739	3/4	24766	3/4	32792	3/4	40819	3/4	48846	3/4	56873	3/4	64899	3/4	72926	3/4	80953	3/4	88980	3/4	96993	3/4		
3	992	3	8880	3	16906	3	24933	3	32960	3	40986	3	49013	3	57040	3	65067	3	73093	3	81120	3	89147	3	97146	3		
1/4	1129	1/4	9047	1/4	17073	1/4	25100	1/4	33127	1/4	41154	1/4	49180	1/4	57207	1/4	65234	1/4	73261	1/4	81287	1/4	89314	1/4	97299	1/4		
1/2	1266	1/2	9214	1/2	17241	1/2	25267	1/2	33294	1/2	41321	1/2	49348	1/2	57374	1/2	65401	1/2	73428	1/2	81455	1/2	89481	1/2	97452	1/2		
3/4	1403	3/4	9382	3/4	17408	3/4	25435	3/4	33461	3/4	41488	3/4	49515	3/4	57542	3/4	65568	3/4	73595	3/4	81622	3/4	89649	3/4	97578	3/4		
4	1539	4	9549	4	17575	4	25602	4	33629	4	41655	4	49682	4	57709	4	65736	4	73762	4	81789	4	89816	4	97703	4		
1/4	1699	1/4	9716	1/4	17742	1/4	25769	1/4	33796	1/4	41823	1/4	49849	1/4	57876	1/4	65903	1/4	73930	1/4	81956	1/4	89983	1/4	97829	1/4		
1/2	1858	1/2	9883	1/2	17909	1/2	25936	1/2	33963	1/2	41990	1/2	50016	1/2	58043	1/2	66070	1/2	74097	1/2	82124	1/2	90150	1/2	97954	1/2		
3/4	2026	3/4	10050	3/4	18077	3/4	26103	3/4	34130	3/4	42157	3/4	50184	3/4	58210	3/4	66237	3/4	74264	3/4	82291	3/4	90317	3/4	98052	3/4		
5	2193	5	10218	5	18244	5	26271	5	34297	5	42324	5	50351	5	58378	5	66404	5	74431	5	82458	5	90485	5	98149	5		
1/4	2360	1/4	10385	1/4	18411	1/4	26438	1/4	34465	1/4	42491	1/4	50518	1/4	58545	1/4	66572	1/4	74598	1/4	82625	1/4	90652	1/4	98247	1/4		
1/2	2527	1/2	10552	1/2	18578	1/2	26605	1/2	34632	1/2	42659	1/2	50685	1/2	58712	1/2	66739	1/2	74766	1/2	82792	1/2	90819	1/2	98344	1/2		
3/4	2694	3/4	10719	3/4	18746	3/4	26772	3/4	34799	3/4	42826	3/4	50853	3/4	58879	3/4	66906	3/4	74933	3/4	82960	3/4	90986	3/4	98414	3/4		
6	2862	6	10886	6	18913	6	26940	6	34966	6	42993	6	51020	6	59047	6	67073	6	75100	6	83127	6	91154	6	98484	6		
1/4	3029	1/4	11053	1/4	19080	1/4	27107	1/4	35134	1/4	43160	1/4	51187	1/4	59214	1/4	67241	1/4	75267	1/4	83294	1/4	91321	1/4	98553	1/4		
1/2	3196	1/2	11221	1/2	19247	1/2	27274	1/2	35301	1/2	43328	1/2	51354	1/2	59381	1/2	67408	1/2	75435	1/2	83461	1/2	91488	1/2	98623	1/2		
3/4	3363	3/4	11388	3/4	19414	3/4	27441	3/4	35468	3/4	43495	3/4	51522	3/4	59548	3/4	67575	3/4	75602	3/4	83629	3/4	91655	3/4	98665	3/4		
7	3530	7	11555	7	19582	7	27608	7	35635	7	43662	7	51689	7	59715	7	67742	7	75769	7	83796	7	91823	7	98707	7		
1/4	3697	1/4	11722	1/4	19749	1/4	27776	1/4	35802	1/4	43829	1/4	51856	1/4	59883	1/4	67909	1/4	75936	1/4	83963	1/4	91990	1/4	98748	1/4		
1/2	3865	1/2	11889	1/2	19916	1/2	27943	1/2	35970	1/2	43996	1/2	52023	1/2	60050	1/2	68077	1/2	76103	1/2	84130	1/2	92157	1/2	98790	1/2		
3/4	4032	3/4	12057	3/4	20083	3/4	28110	3/4	36137	3/4	44164	3/4	52190	3/4	60217	3/4	68244	3/4	76271	3/4	84297	3/4	92324	3/4	98804	3/4		
8	4199	8	12224	8	20251	8	28277	8	36304	8	44331	8	52358	8	60384	8	68411	8	76438	8	84465	8	92491	8	98818	8		
1/4	4366	1/4	12391	1/4	20418	1/4	28445	1/4	36471	1/4	44498	1/4	52525	1/4	60552	1/4	68578	1/4	76605	1/4	84632	1/4	92659	1/4	98832	1/4		
1/2	4533	1/2	12558	1/2	20585	1/2	28612	1/2	36639	1/2	44665	1/2	52692	1/2	60719	1/2	68746	1/2	76772	1/2	84799	1/2	92826	1/2	98846	1/2		
3/4	4701	3/4	12726	3/4	20752	3/4	28779	3/4	36806	3/4	44833	3/4	52859	3/4	60886	3/4	68913	3/4	76940	3/4	84966	3/4	92993	3/4				
9	4868	9	12893	9	20919	9	28946	9	36973	9	45000	9	53027	9	61053	9	69080	9	77107	9	85134	9	93160	9				
1/4	5035	1/4	13060	1/4	21087	1/4	29113	1/4	37140	1/4	45167	1/4	53194	1/4	61221	1/4	69247	1/4	77274	1/4	85301	1/4	93328	1/4				
1/2	5202	1/2	13227	1/2	21254	1/2	29281	1/2	37307	1/2	45334	1/2	53361	1/2	61388	1/2	69414	1/2	77441	1/2	85468	1/2	93495	1/2				
3/4	5369	3/4	13394	3/4	21421	3/4	29448	3/4	37475	3/4	45501	3/4	53528	3/4	61555	3/4	69582	3/4	77608	3/4	85635	3/4	93662	3/4				
10	5536	10	13562	10	21588	10	29615	10	37642	10	45669	10	53695	10	61722	10	69749	10	77776	10	85802	10	93829	10				
1/4	5704	1/4	13729	1/4	21756	1/4	29782	1/4	37809	1/4	45836	1/4	53863	1/4	61889	1/4	69916	1/4	77943	1/4	85970	1/4	93996	1/4				
1/2	5871	1/2	13896	1/2	21923	1/2	29950	1/2	37976	1/2	46003	1/2	54030	1/2	62057	1/2	70083	1/2	78110	1/2	86137	1/2	94164	1/2				
3/4	6038	3/4	14063	3/4	22090	3/4	30117	3/4	38144	3/4	46170	3/4	54197	3/4	62224	3/4	70251	3/4	78277	3/4	86304	3/4	94331	3/4				
11	6205	11	14231	11	22257	11	30284	11	38311	11	46338	11	54364	11	62391	11	70418	11	78445	11	86471	11	94498	11				
1/4	6372	1/4	14398	1/4	22425	1/4	30451	1/4	38478	1/4	46505	1/4	54532	1/4	62558	1/4	70585	1/4	78612	1/4	86639	1/4	94665	1/4				
1/2	6540	1/2	14565	1/2	22592	1/2	30618	1/2	38645	1/2	46672	1/2	54699	1/2	62726	1/2	70752	1/2	78779	1/2	86806	1/2	94833	1/2				
3/4	6707	3/4	14732	3/4	22759	3/4	30786	3/4	38812	3/4	46839	3/4	54866	3/4	62893	3/4	70920	3/4	78946									

MAGNOLIA MARINE - BARGE "MM 102"

OUTAGE TABLE

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		FEET		
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.
0	66	0	6806	0	14940	0	23095	0	31250	0	39406	0	47561	0	55716	0	63871	0	72027	0	80182	0	87518	0	94317	0		
1/4	82	1/4	6975	1/4	15110	1/4	23265	1/4	31420	1/4	39576	1/4	47731	1/4	55886	1/4	64041	1/4	72197	1/4	80352	1/4	87660	1/4	94459	1/4		
1/2	128	1/2	7145	1/2	15280	1/2	23435	1/2	31590	1/2	39745	1/2	47901	1/2	56056	1/2	64211	1/2	72367	1/2	80522	1/2	87801	1/2	94601	1/2		
3/4	174	3/4	7314	3/4	15450	3/4	23605	3/4	31760	3/4	39915	3/4	48071	3/4	56226	3/4	64381	3/4	72536	3/4	80692	3/4	87943	3/4	94742	3/4		
1	221	1	7483	1	15619	1	23775	1	31930	1	40085	1	48241	1	56396	1	64551	1	72706	1	80862	1	88085	1	94884	1		
1/4	267	1/4	7652	1/4	15789	1/4	23945	1/4	32100	1/4	40255	1/4	48410	1/4	56566	1/4	64721	1/4	72876	1/4	81032	1/4	88226	1/4	95026	1/4		
1/2	344	1/2	7821	1/2	15959	1/2	24115	1/2	32270	1/2	40425	1/2	48580	1/2	56736	1/2	64891	1/2	73046	1/2	81199	1/2	88368	1/2	95167	1/2		
3/4	421	3/4	7990	3/4	16129	3/4	24284	3/4	32440	3/4	40595	3/4	48750	3/4	56906	3/4	65061	3/4	73216	3/4	81367	3/4	88510	3/4	95309	3/4		
2	498	2	8160	2	16299	2	24454	2	32610	2	40765	2	48920	2	57075	2	65231	2	73386	2	81535	2	88651	2	95451	2		
1/4	576	1/4	8329	1/4	16469	1/4	24624	1/4	32780	1/4	40935	1/4	49090	1/4	57245	1/4	65401	1/4	73556	1/4	81703	1/4	88793	1/4	95592	1/4		
1/2	684	1/2	8498	1/2	16639	1/2	24794	1/2	32949	1/2	41105	1/2	49260	1/2	57415	1/2	65571	1/2	73726	1/2	81867	1/2	88935	1/2	95734	1/2		
3/4	792	3/4	8667	3/4	16809	3/4	24964	3/4	33119	3/4	41275	3/4	49430	3/4	57585	3/4	65740	3/4	73896	3/4	82031	3/4	89076	3/4	95876	3/4		
3	900	3	8836	3	16979	3	25134	3	33289	3	41445	3	49600	3	57755	3	65910	3	74066	3	82195	3	89218	3	96005	3		
1/4	1008	1/4	9005	1/4	17149	1/4	25304	1/4	33459	1/4	41614	1/4	49770	1/4	57925	1/4	66080	1/4	74235	1/4	82359	1/4	89360	1/4	96135	1/4		
1/2	1147	1/2	9174	1/2	17319	1/2	25474	1/2	33629	1/2	41784	1/2	49940	1/2	58095	1/2	66250	1/2	74405	1/2	82519	1/2	89501	1/2	96265	1/2		
3/4	1286	3/4	9344	3/4	17488	3/4	25644	3/4	33799	3/4	41954	3/4	50109	3/4	58265	3/4	66420	3/4	74575	3/4	82680	3/4	89643	3/4	96395	3/4		
4	1425	4	9513	4	17658	4	25814	4	33969	4	42124	4	50279	4	58435	4	66590	4	74745	4	82840	4	89785	4	96501	4		
1/4	1564	1/4	9682	1/4	17828	1/4	25983	1/4	34139	1/4	42294	1/4	50449	1/4	58605	1/4	66760	1/4	74915	1/4	83000	1/4	89926	1/4	96607	1/4		
1/2	1726	1/2	9851	1/2	17998	1/2	26153	1/2	34309	1/2	42464	1/2	50619	1/2	58774	1/2	66930	1/2	75085	1/2	83156	1/2	90068	1/2	96714	1/2		
3/4	1888	3/4	10020	3/4	18168	3/4	26323	3/4	34479	3/4	42634	3/4	50789	3/4	58944	3/4	67100	3/4	75255	3/4	83312	3/4	90209	3/4	96820	3/4		
5	2058	5	10189	5	18338	5	26493	5	34648	5	42804	5	50959	5	59114	5	67270	5	75425	5	83468	5	90351	5	96902	5		
1/4	2228	1/4	10359	1/4	18508	1/4	26663	1/4	34818	1/4	42974	1/4	51129	1/4	59284	1/4	67439	1/4	75595	1/4	83624	1/4	90493	1/4	96985	1/4		
1/2	2398	1/2	10528	1/2	18678	1/2	26833	1/2	34988	1/2	43144	1/2	51299	1/2	59454	1/2	67609	1/2	75765	1/2	83777	1/2	90634	1/2	97068	1/2		
3/4	2568	3/4	10697	3/4	18848	3/4	27003	3/4	35158	3/4	43313	3/4	51469	3/4	59624	3/4	67779	3/4	75934	3/4	83929	3/4	90776	3/4	97150	3/4		
6	2737	6	10866	6	19018	6	27173	6	35328	6	43483	6	51639	6	59794	6	67949	6	76104	6	84081	6	90918	6	97209	6		
1/4	2907	1/4	11035	1/4	19187	1/4	27343	1/4	35498	1/4	43653	1/4	51808	1/4	59964	1/4	68119	1/4	76274	1/4	84233	1/4	91059	1/4	97268	1/4		
1/2	3077	1/2	11204	1/2	19357	1/2	27513	1/2	35668	1/2	43823	1/2	51978	1/2	60134	1/2	68289	1/2	76444	1/2	84382	1/2	91201	1/2	97327	1/2		
3/4	3247	3/4	11373	3/4	19527	3/4	27682	3/4	35838	3/4	43993	3/4	52148	3/4	60304	3/4	68459	3/4	76614	3/4	84530	3/4	91343	3/4	97386	3/4		
7	3417	7	11543	7	19697	7	27852	7	36008	7	44163	7	52318	7	60473	7	68629	7	76784	7	84678	7	91484	7	97422	7		
1/4	3587	1/4	11712	1/4	19867	1/4	28022	1/4	36178	1/4	44333	1/4	52488	1/4	60643	1/4	68799	1/4	76954	1/4	84827	1/4	91626	1/4	97457	1/4		
1/2	3757	1/2	11882	1/2	20037	1/2	28192	1/2	36347	1/2	44503	1/2	52658	1/2	60813	1/2	68969	1/2	77124	1/2	84968	1/2	91768	1/2	97492	1/2		
3/4	3926	3/4	12052	3/4	20207	3/4	28362	3/4	36517	3/4	44673	3/4	52828	3/4	60983	3/4	69138	3/4	77294	3/4	85110	3/4	91909	3/4	97528	3/4		
8	4096	8	12221	8	20377	8	28532	8	36687	8	44843	8	52998	8	61153	8	69308	8	77464	8	85252	8	92051	8	97540	8		
1/4	4266	1/4	12391	1/4	20547	1/4	28702	1/4	36857	1/4	45012	1/4	53168	1/4	61323	1/4	69478	1/4	77633	1/4	85393	1/4	92193	1/4	97552	1/4		
1/2	4436	1/2	12561	1/2	20717	1/2	28872	1/2	37027	1/2	45182	1/2	53338	1/2	61493	1/2	69648	1/2	77803	1/2	85535	1/2	92334	1/2	97565	1/2		
3/4	4606	3/4	12731	3/4	20886	3/4	29042	3/4	37197	3/4	45352	3/4	53508	3/4	61663	3/4	69818	3/4	77973	3/4	85677	3/4	92476	3/4	97577	3/4		
9	4776	9	12901	9	21056	9	29212	9	37367	9	45522	9	53677	9	61833	9	69988	9	78143	9	85818	9	92618	9		9		
1/4	4946	1/4	13071	1/4	21226	1/4	29382	1/4	37537	1/4	45692	1/4	53847	1/4	62003	1/4	70158	1/4	78313	1/4	85960	1/4	92759	1/4		1/4		
1/2	5115	1/2	13241	1/2	21396	1/2	29551	1/2	37707	1/2	45862	1/2	54017	1/2	62172	1/2	70328	1/2	78483	1/2	86102	1/2	92901	1/2		1/2		
3/4	5284	3/4	13411	3/4	21566	3/4	29721	3/4	37877	3/4	46032	3/4	54187	3/4	62342	3/4	70498	3/4	78653	3/4	86243	3/4	93043	3/4		3/4		
10	5453	10	13581	10	21736	10	29891	10	38046	10	46202	10	54357	10	62512	10	70668	10	78823	10	86385	10	93184	10		10		
1/4	5622	1/4	13751	1/4	21906	1/4	30061	1/4	38216	1/4	46372	1/4	54527	1/4	62682	1/4	70837	1/4	78993	1/4	86526	1/4	93326	1/4		1/4		
1/2	5791	1/2	13920	1/2	22076	1/2	30231	1/2	38386	1/2	46542	1/2	54697	1/2	62852	1/2	71007	1/2	79163	1/2	86668	1/2	93467	1/2		1/2		
3/4	5961	3/4	14090	3/4	22246	3/4	30401	3/4	38556	3/4	46711	3/4	54867	3/4	63022	3/4	71177	3/4	79333	3/4	86810	3/4	93609	3/4		3/4		
11	6130	11	14260	11	22416	11	30571	11	38726	11	46881	11	55037	11	63192	11	71347	11	79502	11	86951	11	93751					

MAGNOLIA MARINE - BARGE "MM 102"

OUTAGE TABLE

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		FEET			
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0	80	0	6825	0	14791	0	22759	0	30726	0	38694	0	46661	0	54629	0	62598	0	70568	0	78537	0	85679	0	92322	0			
1/4	126	1/4	6991	1/4	14957	1/4	22925	1/4	30892	1/4	38860	1/4	46827	1/4	54795	1/4	62764	1/4	70734	1/4	78703	1/4	85817	1/4	92461	1/4			
1/2	171	1/2	7157	1/2	15123	1/2	23091	1/2	31058	1/2	39026	1/2	46993	1/2	54961	1/2	62931	1/2	70900	1/2	78869	1/2	85955	1/2	92599	1/2			
3/4	216	3/4	7322	3/4	15289	3/4	23256	3/4	31224	3/4	39192	3/4	47159	3/4	55127	3/4	63097	3/4	71066	3/4	79035	3/4	86094	3/4	92738	3/4			
1	261	1	7488	1	15455	1	23422	1	31390	1	39358	1	47325	1	55293	1	63263	1	71232	1	79201	1	86232	1	92876	1			
1/4	337	1/4	7654	1/4	15621	1/4	23588	1/4	31556	1/4	39524	1/4	47491	1/4	55459	1/4	63429	1/4	71398	1/4	79366	1/4	86371	1/4	93015	1/4			
1/2	412	1/2	7820	1/2	15787	1/2	23754	1/2	31722	1/2	39690	1/2	47657	1/2	55625	1/2	63595	1/2	71564	1/2	79530	1/2	86509	1/2	93153	1/2			
3/4	488	3/4	7986	3/4	15953	3/4	23920	3/4	31888	3/4	39856	3/4	47823	3/4	55791	3/4	63761	3/4	71730	3/4	79694	3/4	86648	3/4	93291	3/4			
2	563	2	8152	2	16119	2	24086	2	32054	2	40022	2	47989	2	55957	2	63927	2	71896	2	79858	2	86786	2	93430	2			
1/4	669	1/4	8318	1/4	16285	1/4	24252	1/4	32220	1/4	40188	1/4	48155	1/4	56123	1/4	64093	1/4	72062	1/4	80018	1/4	86924	1/4	93568	1/4			
1/2	775	1/2	8484	1/2	16451	1/2	24418	1/2	32386	1/2	40354	1/2	48321	1/2	56289	1/2	64259	1/2	72228	1/2	80178	1/2	87063	1/2	93707	1/2			
3/4	880	3/4	8650	3/4	16617	3/4	24584	3/4	32552	3/4	40520	3/4	48487	3/4	56455	3/4	64425	3/4	72394	3/4	80339	3/4	87201	3/4	93833	3/4			
3	986	3	8816	3	16783	3	24750	3	32718	3	40686	3	48653	3	56621	3	64591	3	72560	3	80499	3	87340	3	93960	3			
1/4	1121	1/4	8982	1/4	16949	1/4	24916	1/4	32884	1/4	40852	1/4	48819	1/4	56787	1/4	64757	1/4	72726	1/4	80655	1/4	87478	1/4	94087	1/4			
1/2	1257	1/2	9148	1/2	17115	1/2	25082	1/2	33050	1/2	41017	1/2	48985	1/2	56953	1/2	64923	1/2	72892	1/2	80812	1/2	87616	1/2	94214	1/2			
3/4	1393	3/4	9314	3/4	17281	3/4	25248	3/4	33216	3/4	41183	3/4	49151	3/4	57119	3/4	65089	3/4	73058	3/4	80968	3/4	87755	3/4	94318	3/4			
4	1529	4	9480	4	17447	4	25414	4	33382	4	41349	4	49317	4	57286	4	65255	4	73224	4	81125	4	87893	4	94422	4			
1/4	1687	1/4	9646	1/4	17613	1/4	25580	1/4	33548	1/4	41515	1/4	49483	1/4	57452	1/4	65421	1/4	73390	1/4	81277	1/4	88032	1/4	94525	1/4			
1/2	1846	1/2	9812	1/2	17779	1/2	25746	1/2	33714	1/2	41681	1/2	49649	1/2	57618	1/2	65587	1/2	73556	1/2	81430	1/2	88170	1/2	94629	1/2			
3/4	2012	3/4	9978	3/4	17945	3/4	25912	3/4	33880	3/4	41847	3/4	49815	3/4	57784	3/4	65753	3/4	73722	3/4	81583	3/4	88308	3/4	94710	3/4			
5	2177	5	10144	5	18111	5	26078	5	34046	5	42013	5	49981	5	57950	5	65919	5	73888	5	81735	5	88447	5	94790	5			
1/4	2343	1/4	10310	1/4	18277	1/4	26244	1/4	34212	1/4	42179	1/4	50147	1/4	58116	1/4	66085	1/4	74054	1/4	81884	1/4	88585	1/4	94871	1/4			
1/2	2509	1/2	10475	1/2	18443	1/2	26410	1/2	34378	1/2	42345	1/2	50313	1/2	58282	1/2	66251	1/2	74221	1/2	82033	1/2	88724	1/2	94952	1/2			
3/4	2675	3/4	10641	3/4	18609	3/4	26576	3/4	34544	3/4	42511	3/4	50479	3/4	58448	3/4	66417	3/4	74387	3/4	82182	3/4	88862	3/4	95009	3/4			
6	2841	6	10807	6	18775	6	26742	6	34710	6	42677	6	50645	6	58614	6	66583	6	74553	6	82331	6	89001	6	95067	6			
1/4	3007	1/4	10973	1/4	18941	1/4	26908	1/4	34876	1/4	42843	1/4	50811	1/4	58780	1/4	66749	1/4	74719	1/4	82475	1/4	89139	1/4	95124	1/4			
1/2	3173	1/2	11139	1/2	19107	1/2	27074	1/2	35042	1/2	43009	1/2	50977	1/2	58946	1/2	66915	1/2	74885	1/2	82620	1/2	89277	1/2	95182	1/2			
3/4	3339	3/4	11305	3/4	19273	3/4	27240	3/4	35208	3/4	43175	3/4	51143	3/4	59112	3/4	67081	3/4	75051	3/4	82765	3/4	89416	3/4	95216	3/4			
7	3505	7	11471	7	19439	7	27406	7	35374	7	43341	7	51309	7	59278	7	67247	7	75217	7	82910	7	89554	7	95251	7			
1/4	3671	1/4	11637	1/4	19605	1/4	27572	1/4	35540	1/4	43507	1/4	51475	1/4	59444	1/4	67413	1/4	75383	1/4	83049	1/4	89693	1/4	95285	1/4			
1/2	3837	1/2	11803	1/2	19771	1/2	27738	1/2	35706	1/2	43673	1/2	51641	1/2	59610	1/2	67579	1/2	75549	1/2	83187	1/2	89831	1/2	95320	1/2			
3/4	4003	3/4	11969	3/4	19937	3/4	27904	3/4	35872	3/4	43839	3/4	51807	3/4	59776	3/4	67745	3/4	75715	3/4	83326	3/4	89969	3/4	95332	3/4			
8	4169	8	12135	8	20103	8	28070	8	36038	8	44005	8	51973	8	59942	8	67911	8	75881	8	83464	8	90108	8	95344	8			
1/4	4335	1/4	12301	1/4	20269	1/4	28236	1/4	36204	1/4	44171	1/4	52139	1/4	60108	1/4	68077	1/4	76047	1/4	83602	1/4	90246	1/4	95355	1/4			
1/2	4501	1/2	12467	1/2	20435	1/2	28402	1/2	36370	1/2	44337	1/2	52305	1/2	60274	1/2	68243	1/2	76213	1/2	83741	1/2	90385	1/2	95367	1/2			
3/4	4667	3/4	12633	3/4	20601	3/4	28568	3/4	36536	3/4	44503	3/4	52471	3/4	60440	3/4	68409	3/4	76379	3/4	83879	3/4	90523	3/4					
9	4833	9	12799	9	20767	9	28734	9	36702	9	44669	9	52637	9	60606	9	68576	9	76545	9	84018	9	90662	9					
1/4	4999	1/4	12965	1/4	20933	1/4	28900	1/4	36868	1/4	44835	1/4	52803	1/4	60772	1/4	68742	1/4	76711	1/4	84156	1/4	90800	1/4					
1/2	5165	1/2	13131	1/2	21099	1/2	29066	1/2	37034	1/2	45001	1/2	52969	1/2	60938	1/2	68908	1/2	76877	1/2	84295	1/2	90938	1/2					
3/4	5331	3/4	13297	3/4	21265	3/4	29232	3/4	37200	3/4	45167	3/4	53135	3/4	61104	3/4	69074	3/4	77043	3/4	84433	3/4	91077	3/4					
10	5497	10	13463	10	21431	10	29398	10	37366	10	45333	10	53301	10	61270	10	69240	10	77209	10	84571	10	91215	10					
1/4	5663	1/4	13629	1/4	21597	1/4	29564	1/4	37532	1/4	45499	1/4	53467	1/4	61436	1/4	69406	1/4	77375	1/4	84710	1/4	91354	1/4					
1/2	5829	1/2	13795	1/2	21763	1/2	29730	1/2	37698	1/																			