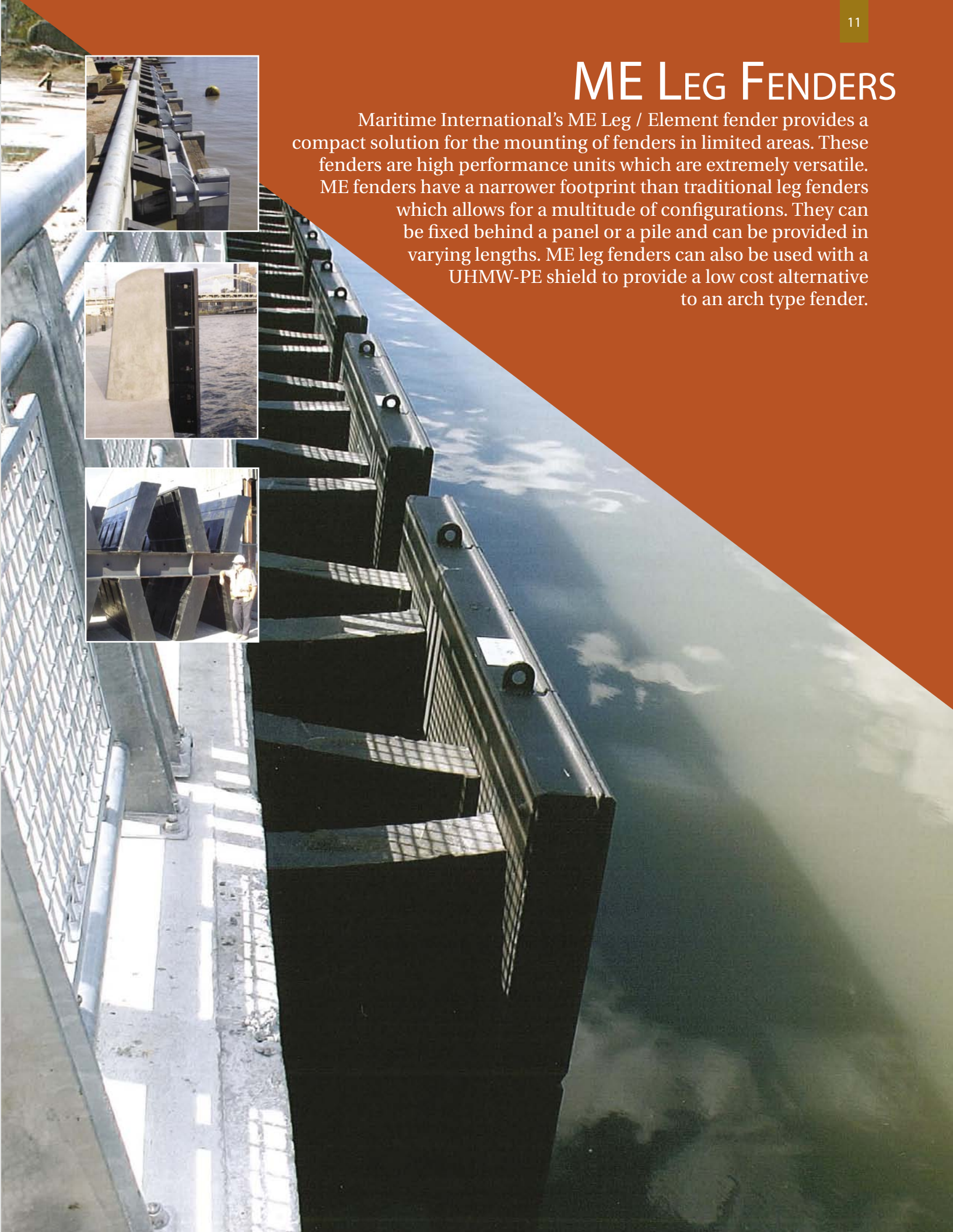
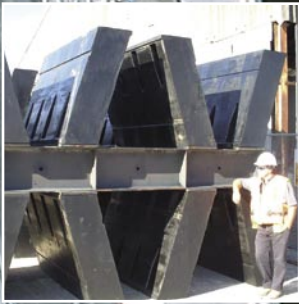


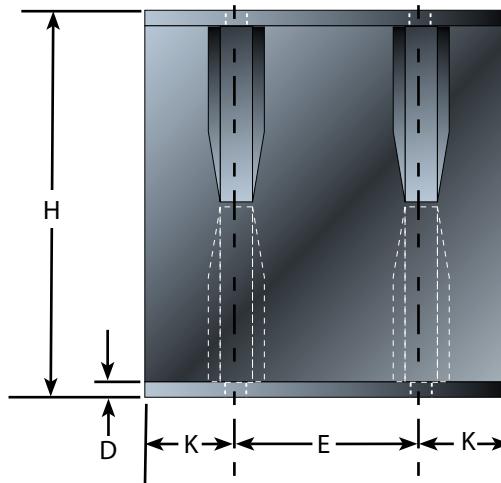
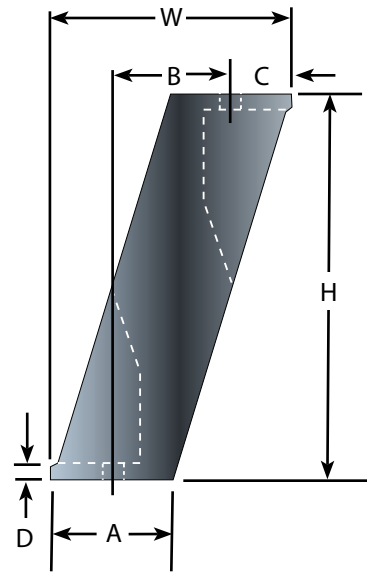
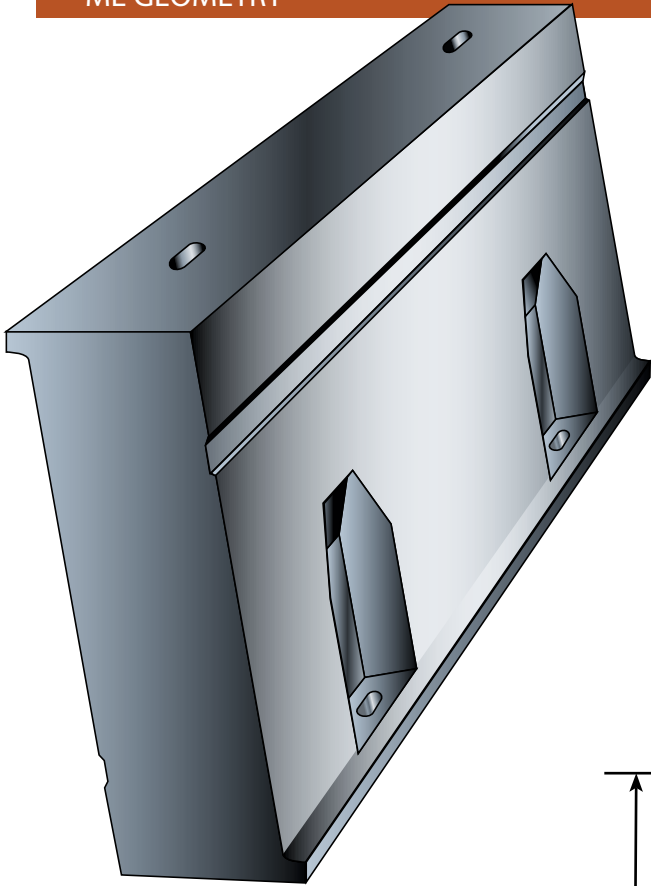
ME LEG FENDERS

Maritime International's ME Leg / Element fender provides a compact solution for the mounting of fenders in limited areas. These fenders are high performance units which are extremely versatile. ME fenders have a narrower footprint than traditional leg fenders which allows for a multitude of configurations. They can be fixed behind a panel or a pile and can be provided in varying lengths. ME leg fenders can also be used with a UHMW-PE shield to provide a low cost alternative to an arch type fender.



ME LEG FENDERS

ME GEOMETRY

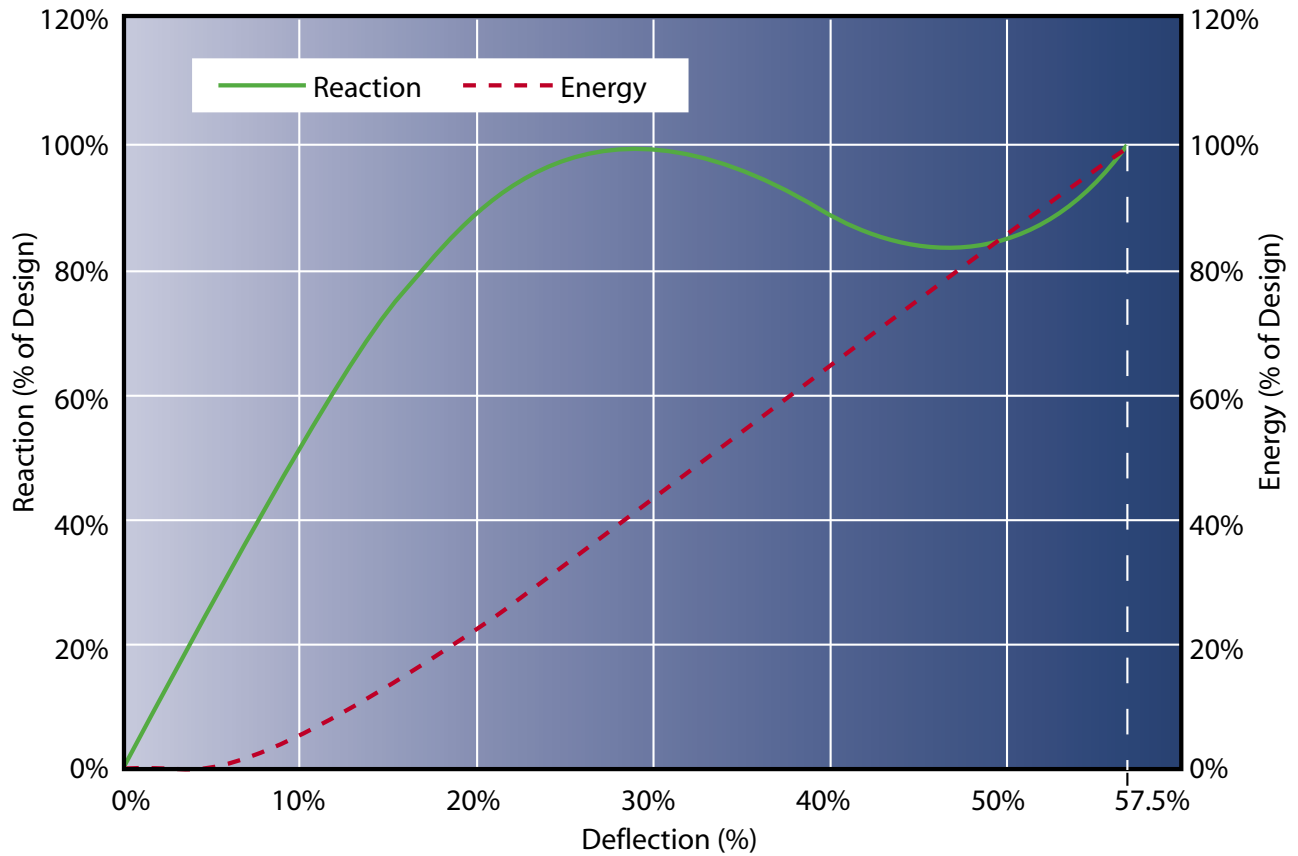


ME LEG FENDERS DIMENSIONS

Model	mm ^H	in	mm ^A	in	mm ^B	in	mm ^C	in	mm ^W	in	mm ^D	in	mm ^K	in	mm ^E	in	Bolt Size	
	mm		mm		mm		mm		mm		mm		mm		mm		mm	
ME 300	300	11.8	94	3.70	94	3.70	47	1.85	188	7.40	15	0.59	200	7.87	2X300	2X118	M20	3/4
ME 400	400	15.7	125	4.92	124	4.88	63	2.48	250	9.84	17	0.67	250	9.84	500	19.7	M24	7/8
ME 500	500	19.7	158	6.22	142	5.59	87	3.43	316	12.4	20	0.79	250	9.84	500	19.7	M30	1-1/8
ME 550	550	21.7	172	6.77	170	6.69	87	3.43	344	13.5	20	0.79	250	9.84	500	19.7	M30	1-1/8
ME 600	600	23.6	188	7.40	199	7.83	87	3.43	373	14.7	20	0.79	250	9.84	500	19.7	M30	1-1/8
ME 750	750	29.5	235	9.25	230	9.06	118	4.65	466	18.3	26	1.02	250	9.84	500	19.7	M36	1-3/8
ME 800	800	31.5	250	9.84	240	9.45	129	5.08	498	19.6	26	1.02	250	9.84	500	19.7	M36	1-3/8
ME 1000	1000	39.4	322	12.7	310	12.2	162	6.38	634	25.0	31	1.22	250	9.84	500	19.7	M42	1-3/4
ME 1250	1250	49.2	401	15.8	388	15.3	202	7.95	792	31.2	36	1.42	250	9.84	500	19.7	M48	2
ME 1450	1450	57.1	454	17.9	454	17.9	228	8.98	910	35.8	41	1.61	250	9.84	500	19.7	M48	2
ME 1600	1600	63.0	500	19.7	480	18.9	257	10.1	994	39.1	50	1.97	250	9.84	500	19.7	M56	2-1/4

Other sizes available. Dimensions are subject to change. Verify current dimensions with Maritime when ordering any fender.
Dimension table based on 1000mm lengths for one leg.

ME GENERALIZED PERFORMANCE CURVE



Intermediate grades can be interpolated from standard grades

ME PERFORMANCE

Model	Standard Rubber Grades								Weight									
	G4		G3		G2		G1											
	R kN	E kips	R kN	E kips	R kN	E kips	R kN	E kips	(kg/m)	(lbs/m)								
ME 300	160	36.0	22.1	16.3	136	30.6	18.8	13.8	112	25.2	15.5	11.4	88.2	19.8	12.2	8.99	46.7	103
ME 400	214	48.0	39.2	28.9	182	40.8	33.4	24.6	150	33.6	27.5	20.3	118	26.4	21.7	16.0	109	240
ME 500	267	60.0	61.3	45.1	227	51.0	52.1	38.4	187	42.0	43.0	31.7	147	33.0	33.9	25.0	110	243
ME 550	294	66.0	74.1	54.6	250	56.1	63.1	46.5	206	46.2	52.0	38.3	162	36.4	41.0	30.2	125	276
ME 600	320	72.0	88.2	65.0	272	61.2	75.1	55.3	224	50.4	61.9	45.6	176	39.7	48.8	36.0	147	324
ME 750	401	90.0	138	102	341	76.6	117	86.4	281	63.1	96.8	71.3	221	49.6	76.2	56.2	230	507
ME 800	427	96.0	157	116	363	81.7	133	98.3	299	67.3	110	81.1	235	52.9	86.7	63.9	254	560
ME 1000	534	120	245	181	454	102	209	154	374	84.1	172	127	294	66.1	136	99.9	408	900
ME 1250	668	150	383	282	568	128	326	240	468	105	269	198	368	82.6	212	156	636	1402
ME 1450	774	174	515	380	658	148	438	323	542	122	362	267	426	95.8	285	210	1017	2242
ME 1600	854	192	627	462	726	163	534	393	598	135	440	325	470	106	347	256	1253	2763

R = reaction E = energy Values shown are for standard 57.5% deflection Maximum deflection = 62.5% R = 129% E = 114% Tolerance = +/- 10%
Performance based on 1000mm length.

ME INTERMEDIATE RUBBER GRADES

Grade	Unit	300		400		500		550		600		750		800		1000		1250		1450		1600	
		kN kN-m	kips ft-kips	kN kN-m	kips ft-kips	kN kN-m	kips ft-kips	kN kN-m	kips ft-kips	kN kN-m	kips ft-kips	kN kN-m	kips ft-kips	kN kN-m	kips ft-kips	kN kN-m	kips ft-kips	kN kN-m	kips ft-kips	kN kN-m	kips ft-kips	kN kN-m	kips ft-kips
G0.7	R	80.8	18.2	108	24.4	135	30.4	149	33.5	162	36.3	203	45.6	216	48.5	270	60.7	338	76.0	391	87.9	432	97.0
	E	11.2	8.25	20.0	14.7	31.2	23.0	37.7	27.8	44.8	33.0	69.7	51.4	80.1	59.0	125	92.3	195	144	262	193	319	235
G0.8	R	83.2	18.7	112	25.1	139	31.3	153	34.4	166	37.4	209	47.0	222	50.0	278	62.5	348	78.2	403	90.6	444	99.9
	E	11.5	8.48	20.5	15.1	32.1	23.6	38.8	28.6	46.2	34.0	71.8	52.9	82.4	60.7	129	94.9	201	148	270	199	328	242
G0.9	R	85.6	19.2	115	25.8	143	32.1	158	35.4	171	38.5	215	48.3	229	51.4	286	64.3	358	80.5	414	93.2	457	103
	E	11.9	8.77	21.1	15.6	33.0	24.3	39.9	29.4	47.5	35.0	73.9	54.5	84.7	62.4	132	97.6	206	152	277	204	338	249
G1	R	88.0	19.8	118	26.5	147	33.0	162	36.4	176	39.6	221	49.7	235	52.8	294	66.1	368	82.7	426	95.8	470	106
	E	12.2	9.00	21.7	16.0	33.9	25.0	41.0	30.2	48.8	36.0	76.0	56.0	87.0	64.1	136	100	212	156	285	210	347	256
G1.1	R	90.4	20.3	121	27.2	151	33.9	166	37.4	181	40.6	227	51.0	241	54.3	302	67.9	378	85.0	438	98.4	483	109
	E	12.5	9.21	22.3	16.4	34.8	25.7	42.1	31.0	50.1	36.9	78.1	57.6	89.3	65.8	140	103	218	160	293	216	356	263
G1.2	R	92.8	20.9	124	28.0	155	34.8	171	38.4	186	41.7	233	52.4	248	55.7	310	69.7	388	87.2	449	101	496	111
	E	12.9	9.51	22.9	16.8	35.7	26.3	43.2	31.8	51.4	37.9	80.2	59.1	91.6	67.5	143	106	223	165	300	221	366	269
G1.3	R	95.2	21.4	128	28.7	159	35.7	175	39.4	190	42.8	239	53.7	254	57.1	318	71.5	398	89.5	461	104	508	114
	E	13.2	9.73	23.4	17.3	36.6	27.0	44.3	32.6	52.8	38.9	82.3	60.7	93.9	69.2	147	108	229	169	308	227	375	276
G1.4	R	97.6	21.9	131	29.4	163	36.6	180	40.4	195	43.9	245	55.1	261	58.6	326	73.3	408	91.7	472	106	521	117
	E	13.5	10.0	24.0	17.7	37.5	27.7	45.4	33.5	54.1	39.9	84.4	62.2	96.2	70.9	150	111	235	173	316	233	384	283
G1.5	R	100	22.5	134	30.1	167	37.5	184	41.4	200	45.0	251	56.4	267	60.0	334	75.1	418	94.0	484	109	534	120
	E	13.9	10.2	24.6	18.1	38.5	28.3	46.5	34.3	55.4	40.8	86.5	63.8	98.5	72.6	154	113	241	177	324	238	394	290
G1.6	R	102	23.0	137	30.8	171	38.4	188	42.4	205	46.0	257	57.8	273	61.5	342	76.9	428	96.2	496	111	547	123
	E	14.2	10.5	25.2	18.6	39.4	29.0	47.6	35.1	56.7	41.8	88.6	65.3	101	74.3	158	116	246	181	331	244	403	297
G1.7	R	105	23.6	140	31.6	175	39.3	193	43.3	210	47.1	263	59.1	280	62.9	350	78.7	438	98.5	507	114	560	126
	E	14.5	10.7	25.8	19.0	40.3	29.7	48.7	35.9	58.0	42.8	90.7	66.8	103	76.0	161	119	252	186	339	250	412	304
G1.8	R	107	24.1	144	32.3	179	40.2	197	44.3	214	48.2	269	60.5	286	64.3	358	80.5	448	101	519	117	572	129
	E	14.8	10.9	26.3	19.4	41.2	30.3	49.8	36.7	59.4	43.7	92.8	68.4	105	77.7	165	121	258	190	347	255	421	311
G1.9	R	110	24.6	147	33.0	183	41.1	202	45.3	219	49.3	275	61.8	293	65.8	366	82.3	458	103	530	119	585	132
	E	15.2	11.2	26.9	19.8	42.1	31.0	50.9	37.5	60.7	44.7	94.9	69.9	108	79.4	168	124	263	194	354	261	431	317
G2	R	112	25.2	150	33.7	187	42.0	206	46.3	224	50.4	281	63.2	299	67.2	374	84.1	468	105	542	122	598	134
	E	15.5	11.4	27.5	20.3	43.0	31.7	52.0	38.3	62.0	45.7	97.0	71.5	110	81.1	172	127	269	198	362	267	440	324
G2.1	R	114	25.7	153	34.4	191	42.9	210	47.3	229	51.4	287	64.5	305	68.7	382	85.9	478	107	554	124	611	137
	E	15.8	11.7	28.1	20.7	43.9	32.4	53.1	39.1	63.3	46.7	99.0	73.0	112	82.8	176	129	275	202	370	272	449	331
G2.2	R	117	26.3	156	35.2	195	43.8	215	48.3	234	52.5	293	65.9	312	70.1	390	87.7	488	110	565	127	624	140
	E	16.2	11.9	28.7	21.1	44.8	33.0	54.2	40.0	64.6	47.6	101	74.4	115	84.5	179	132	280	207	377	278	459	338
G2.3	R	119	26.8	160	35.9	199	44.7	219	49.3	238	53.6	299	67.2	318	71.5	398	89.5	498	112	577	130	636	143
	E	16.5	12.2	29.3	21.6	45.7	33.7	55.3	40.8	65.9	48.6	103	75.9	117	86.2	183	135	286	211	385	284	468	345
G2.4	R	122	27.3	163	36.6	203	45.6	224	50.3	243	54.7	305	68.6	325	73.0	406	91.3	508	114	588	132	649	146
	E	16.8	12.4	29.9	22.0	46.6	34.4	56.4	41.6	67.2	49.5	105	77.4	119	87.9	187	138	292	215	392	289	478	352
G2.5	R	124	27.9	166	37.3	207	46.5	228	51.3	248	55.8	311	69.9	331	74.4	414	93.1	518	116	600	135	662	149
	E	17.2	12.6	30.5	22.4	47.6	35.0	57.6	42.4	68.5	50.5	107	78.9	122	89.5	191	140	298	219	400	295	487	359
G2.6	R	126	28.4	169	38.0	211	47.4	232	52.2	253	56.8	317	71.3	337	75.9	422	94.9	528	119	612	138	675	152
	E	17.5	12.9	31.0	22.9	48.5	35.7	58.7	43.2	69.8	51.4	109	80.3	124	91.2	194	143	303	223	408	300	496	366
G2.7	R	129	29.0	172	38.8	215	48.3	237	53.2	258	57.9	323	72.6	344	77.3	430	96.7	538	121	623	140	688	155
	E	17.8	13.1	31.6	23.3	49.4	36.4	59.8	44.1	71.1	52.4	111	81.8	126	92.9	198	146	309	228	415	306	506	373
G2.8	R	131	29.5	176	39.5	219	49.2	241	54.2	262	59.0	329	74.0	350	78.7	438	98.5	548	123	635	143	700	157
	E	18.1	13.4	32.2	23.7	50.3	37.1	60.9	44.9	72.4	53.4	113	83.3	128	94.6	202	149	315	232	423	312	515	380
G2.9	R	134	30.0	179	40.2	223	50.1	246	55.2	267	60.1	335	75.3	357	80.2	446	100	558	125	646	145	713	160
	E	18.5	13.6	32.8	24.2	51.2	37.7	62.0	45.7	73.7	54.3	115	84.8	131	96.3	205	151	320	236	430	317	525	387
G3	R	136	30.6	182	40.9	227	51.0	250	56.2	272	61.2	341	76.7	363	81.6	454	102	568	128	658	148	726	163
	E	18.8	13.9	33.4	24.6	52.1	38.4	63.1	46.5	75.0	55.3	117	86.2	133	98.0	209	154	326	240	438	323	534	394
G3.1	R	138	31.1	185	41.6	231	51.9	254	57.2	277	62.2	347	78.0	369	83.0	462	104	578	130	670	151	739	166
	E	19.1	14.1	34.0	25.0	53.0	39.1	64.2	47.3	76.3	56.2	119	87.8	135	99.8	213	157	332	244	446	328	543	400
G3.2	R	141	31.7	188	42.4	235	52.8	259	58.2	282	63.3	353	79.4	376	84.5	470	106	588	132	681	153	752	169
	E	19.5	14.3	34.6	25.5	53.9	39.8	65.3	48.1	77.6	57.2	121	89.3	138	102	216	159	337					