

2025 TECHNICAL SHEET FOR COURSE CARDS – REV A

High Water - Howth (Local Time)

Tuesdays			Wednesdays			Saturdays		
Date	Time	Height	Date	Time	Height	Date	Time	Height
22-Apr	20:06	3.15m	23-Apr	21:11	3.42m	26-Apr	11:06	4.32m
30-Apr	14:13	4.09m	*02-May	15:56	3.52m	03-May	16:59	3.26m
06-May	20:41	3.20m	07-May	21:32	3.35m	10-May	10:57	3.73m
13-May	12:43	3.78m	14-May	13:19	3.71m	17-May	15:19	3.33m
20-May	18:20	3.17m	21-May	19:28	3.29m	24-May	09:44	4.00m
27-May	12:21	4.15m	*28-May	no club racing		31-May	15:44	3.51m
03-Jun	18:44	3.16m	04-Jun	19:44	3.18m	07-Jun	09:34	3.44m
10-Jun	11:43	3.60m	11-Jun	12:23	3.62m	14-Jun	14:25	3.53m
17-Jun	16:50	3.37m	18-Jun	17:47	3.36m	21-Jun	08:12	3.72m
24-Jun	23:39	4.19m	25-Jun	12:10	3.90m	28-Jun	14:35	3.72m
01-Jul	16:56	3.33m	02-Jul	17:47	3.23m	05-Jul	07:48	3.25m
08-Jul	23:01	3.66m	09-Jul	23:42	3.84m	12-Jul	13:31	3.69m
15-Jul	15:37	3.66m	16-Jul	16:23	3.60m	19-Jul	19:19	3.48m
22-Jul	22:36	3.91m	23-Jul	23:31	4.08m	26-Jul	13:33	3.85m
29-Jul	15:29	3.61m	30-Jul	16:07	3.48m	02-Aug	18:32	3.11m
05-Aug	21:46	3.39m	06-Aug	22:37	3.63m	09-Aug	12:31	3.78m
12-Aug	14:30	3.98m	13-Aug	15:11	3.92m	16-Aug	17:42	3.51m
19-Aug	21:30	3.61m	20-Aug	22:29	3.82m	23-Aug	12:33	3.87m
26-Aug	14:17	3.86m	27-Aug	14:48	3.75m	30-Aug	16:37	3.27m
* NOR 9: Due to low tides, Tuesday club racing on 29-Apr is transferred to 02-May, and Wednesday club racing on 28-May is cancelled with no transfer.								

400 & 500 Course Marks

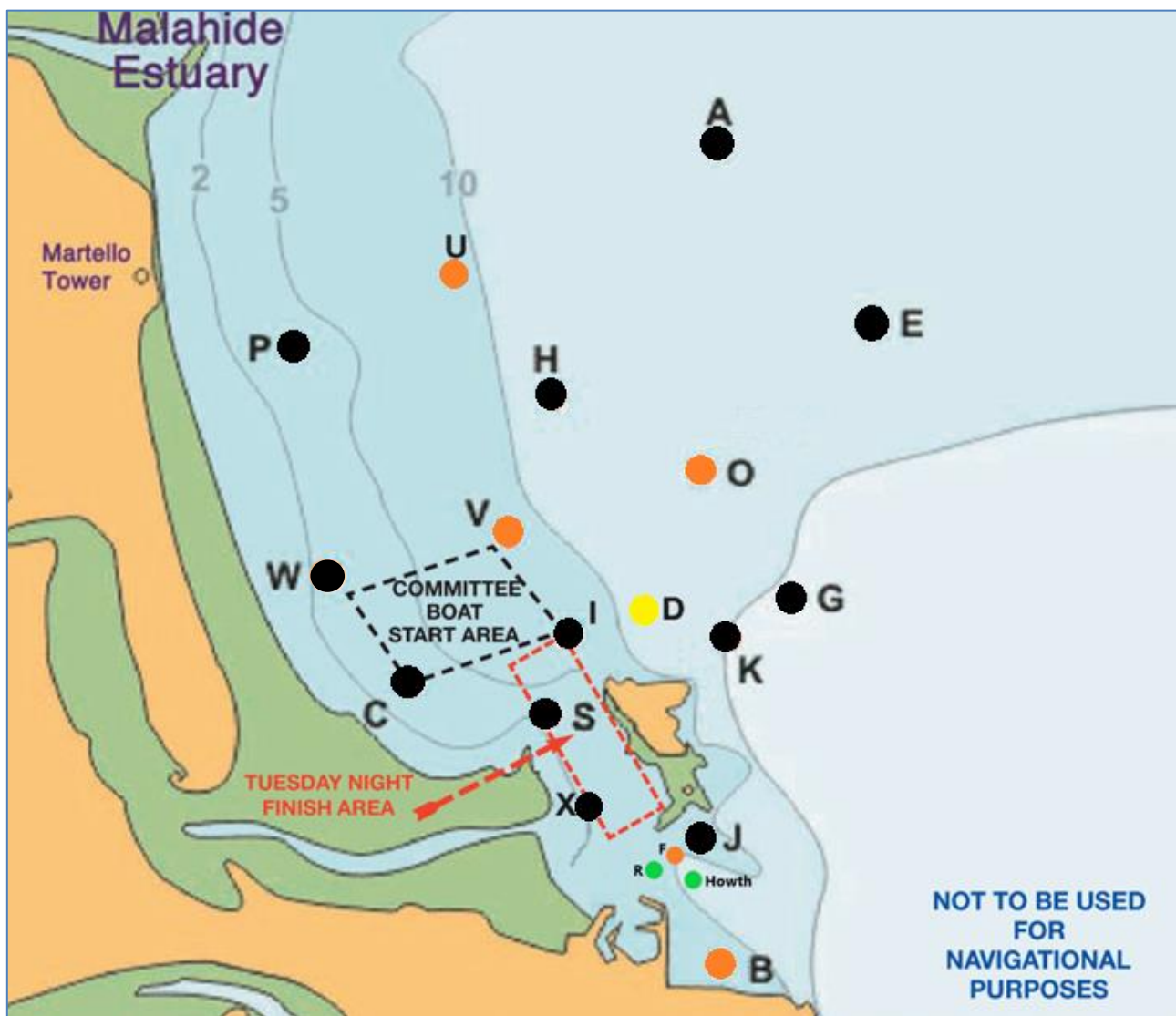
ID	Name	Shape	Colour
1	Windward	Inflatable	Black
2	Gybe	Round	Yellow
2	Offset	Round	Yellow
3	Leeward	Round	Orange
F	Finish	Round	Orange

Pier Course Boards

Wind Direction	Starting Line
Two digits read top to bottom	A South Rowan B Finish Mark C Howth Mark
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corresponds to <u>line</u> on Course Card	Selected Course corresponds to column on Course Card

MARK DESCRIPTIONS / POSITIONS (Approx)

ID	Name	Shape	Colour	Latitude (N) Deg Min	Longitude (W) Deg Min
A	Apex	Conical	Black	53 26.76	06 03.26
B	Balscadden	Conical	Orange	53 23.30	06 03.26
C	Cush	Conical	Black	53 24.61	06 05.45
D	Dunbo	Conical	Yellow	53 24.73	06 03.85
E	East	Conical	Black	53 26.00	06 02.20
F	Finish	Cherry	Orange	Between Island and East Pier Starters Hut	
G	Garbh	Conical	Black	53 25.00	06 02.32
	Howth	IALA	Green	53 23.69	06 03.56
H	Hub	Conical	Black	53 25.71	06 04.43
I	Island	Conical	Black	53 24.70	06 04.36
J	Thulla	Conical	Black	53 23.80	06 03.40
K	Stack	Conical	Black	53 24.60	06 03.11
O	Osprey	Conical	Orange	53 25.41	06 03.52
P	Portmarnock	Conical	Black	53 25.63	06 05.80
Q	Rowan Rocks	IALA	Black	53 23.88	06 03.22
R	South Rowan	IALA	Green	53 23.78	06 03.88
S	Spit	Conical	Black	53 24.35	06 04.48
U	Ulysses	Conical	Orange	53 26.22	06 04.97
V	Viceroy	Conical	Orange	53 25.12	06 04.78
W	West	Conical	Black	53 24.96	06 06.07
X	Xebec	Conical	Black	53 24.12	06 04.33
Z	Zephyr	Inflatable	Black	Upwind of Start Line	



Race Marks - Relative Bearings - Magnetic (approx)
The Relative Bearings are a guideline only.

	A	B	C	D	E	G	H	I	J	K	O	P	Q	S	U	V	W	X
A		183	216	196	146	168	220	207	185	184	192	236	185	203	248	215	229	200
B	003		319	352	019	024	347	336	357	010	002	331	010	331	347	340	321	328
C	036	139		085	058	081	029	084	126	091	055	348	121	117	010	038	314	127
D	016	172	265		043	078	347	266	170	110	023	308	161	227	342	307	282	212
E	326	199	238	223		190	264	237	204	207	238	263	202	225	284	246	252	220
G	348	204	261	258	010		305	259	214	236	306	289	211	249	314	281	275	239
H	040	170	209	167	084	125		180	168	151	125	265	164	187	334	205	238	184
I	021	156	264	086	057	079	000		148	101	039	317	140	195	349	332	287	172
J	005	177	306	350	024	034	348	328		018	004	326	062	317	345	334	312	305
K	004	190	270	290	027	056	331	281	198		350	303	190	256	332	304	288	242
O	012	182	235	203	058	126	305	219	184	170		279	180	215	319	256	260	207
P	056	151	168	128	083	109	085	138	146	123	099		143	151	040	130	194	153
Q	005	190	301	341	022	031	344	320	242	010	360	323		308	342	329	308	295
S	023	151	297	047	045	069	007	015	137	076	035	327	128		357	350	304	160
U	068	167	190	162	104	134	154	169	165	152	139	220	162	177		180	213	176
V	035	160	218	127	066	101	025	152	154	124	076	310	149	170	000		264	171
W	049	141	136	102	072	095	058	107	132	108	080	013	128	129	033	084		135
X	020	148	307	032	040	059	004	352	125	062	027	333	115	340	356	351	315	