HYANNIS YACHT CLUB OCEAN RACE
2022 APPENDIX B

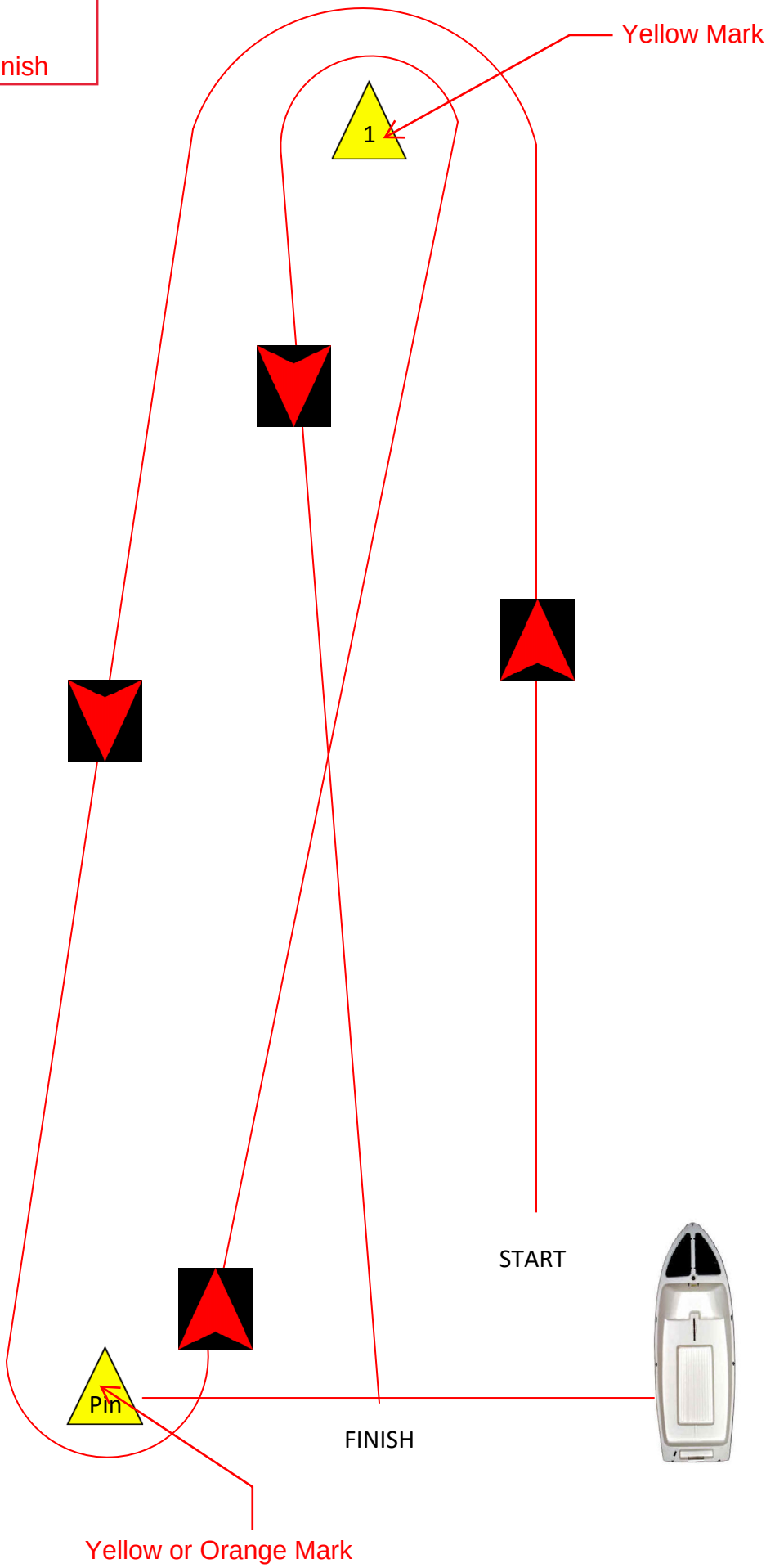
Section 1 Government Marks

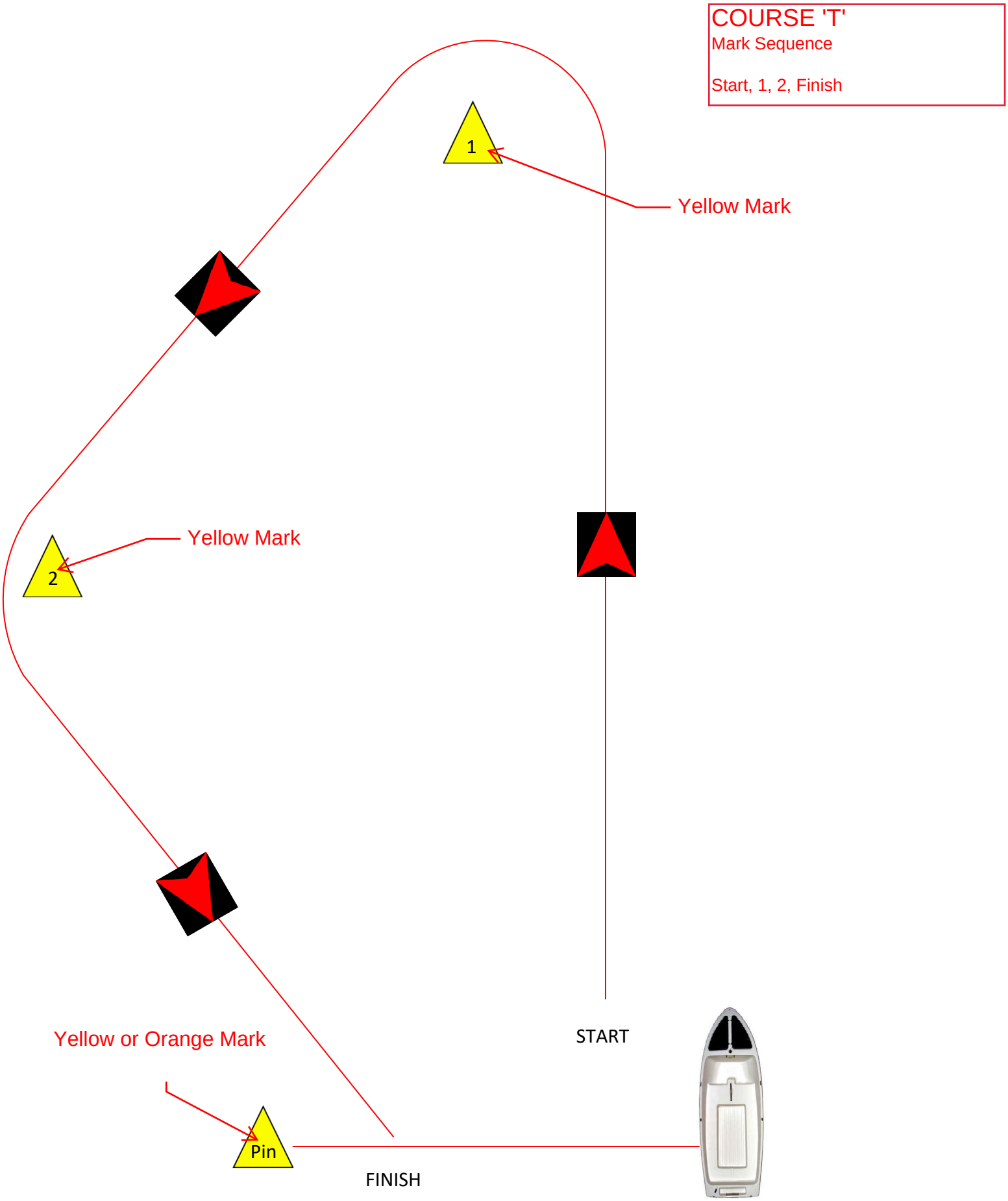
Course Board Designation	MARK	Coordinates	
#1	#1 G”1” Northeast of Bishop and Clerks	41°34.732’N	070°14.117’W
#2	#2 R”2” South of Bishop and Clerks	41°33.367’N	070°14.619’W
	#3 Vacant		
#4	#4 RN”4” Northwest of Bishop and Clerks	41°34.480’N	070°15.932’W
#5	#5 G”5” North of Horseshoe Shoal	41°33.128’N	070°20.811’W
#6	#6 R”2” South of Bass River	41°37.607’N	070°11.496’W
#7	#7 GC”7” Northwest of Horseshoe Shoal	41°32.386’N	070°23.174’W
#8	#8 R”8” East of Wreck Shoal	41°32.433’N	070°24.033’W
#9	#9 R”2” West of Gazelle Rock	41°36.02’N	070°15.805’W
#10	#10 R “10” South of Succonnesst Shoal	41°31.987’N	070°26.385’W
#11	#11 RG”KP” Southeast of Kill Pond Bar	41°37.429’N	070°06.477’W
#12	#12 RN”2” West of Rogers Shoal/Monomoy Island	41°33.839’N	070°03.662’W
#13	#13 G”3” Entrance to Chatham Roads	41°38.318’N	070°02.878’W
#14	#14 RN”14” Southwest of Handkerchief Shoal	41°29.155’N	070°05.083’W
#15	#15 G “15” West of Bardow Shoal	41°31.318’N	070°34.432’W
#16	#16 R “16” Falmouth Outer Bouy	41°32.061’N	070°36.483’W
#17	#17 G”17” Main Channel	41°26.582’N	070°11.193’W
#18	#18 R”18” Main Channel	41°27.240’N	070°14.070’W
	#19 Vacant		
#20	#20 R”20” Main Channel	41°27.553’N	070°16.933’W
#21	#21 G “21A” Nantucket Sound Channel Bouy	41°26.915’N	070°25.187’W
#22	#22 R”22” Hedge Fence Lighted Gong	41°28.369’N	070°29.006’W
#23	#23 GR Bell Squash Meadow East End	41°27.287’N	070°30.082’W
#24	#24 GR “W” Bouy Squash Meadow West End	41°27.903’N	070°31.971’W
#25	#25 RG Bouy Hedge Fence West End	41°30.054’N	070°33.920’W
#26	#26 R”26” Southeast of Nobska Point	41°30.323’N	070°38.718’W
	#27 - #30 Vacant		
#31	#31 G”1” East of Tuckernuck Shoal	41°24.312’N	070°09.795’W
#32	#32 RW” NB” North of the Nantucket Harbor Entrance	41°19.021’N	070°06.222’W

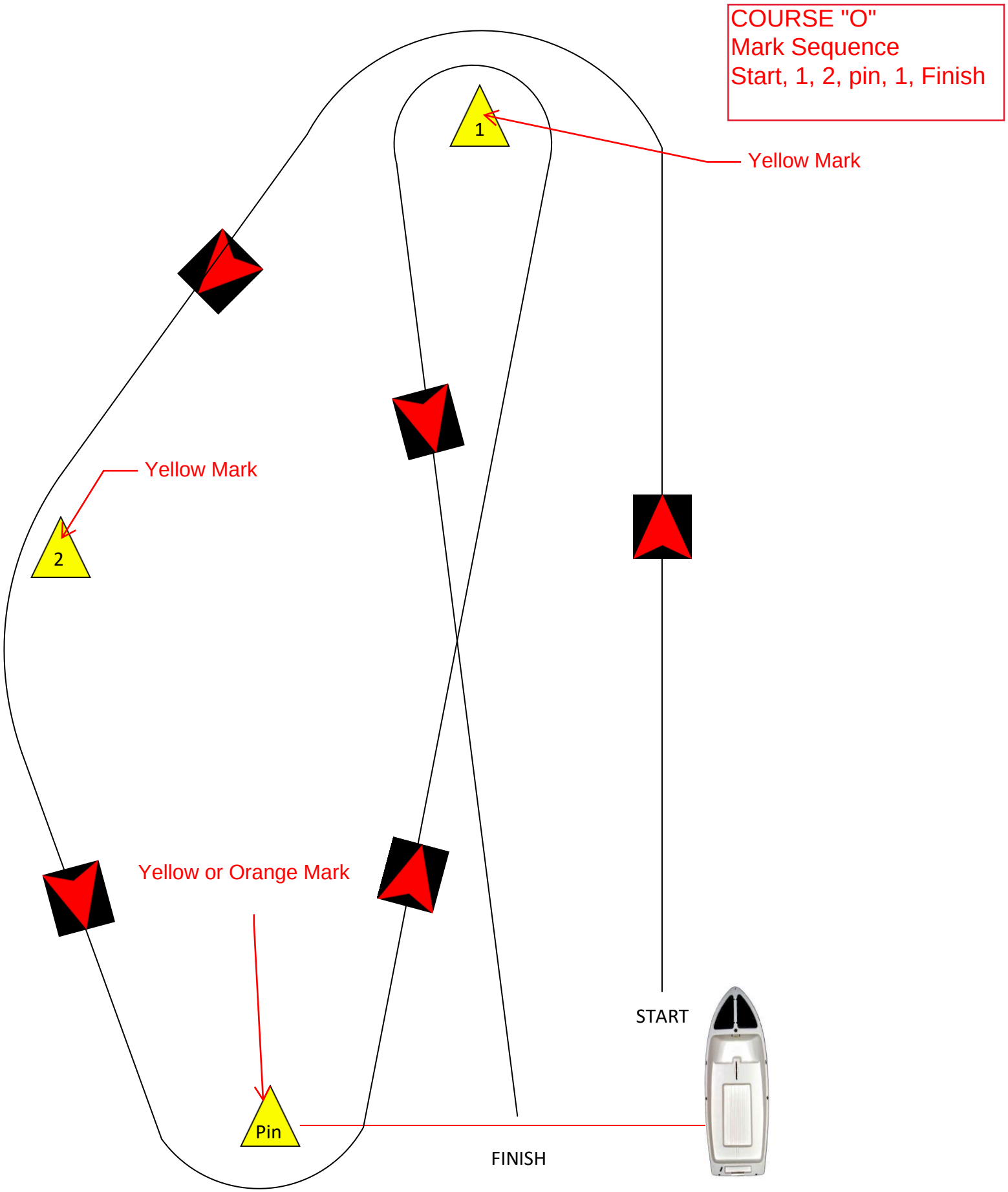
Section 2 Inflatable Orange or Yellow Drop Marks

Course Board Designation	Mark	Coordinates	
D1	Drop Mark 1	41° 34.00'N	070° 16.5'W
D2	Drop Mark 2	41° 35.00'N	070° 16.5'W
D3	Drop Mark 3	41° 34.75'N	070° 18.0'W
D4	Drop Mark 4	41° 34.00'N	070° 18.8'W
D5	Drop Mark 5	41° 35.00'N	070° 20.0'W
D6	Drop Mark 6	41° 34.51'N	070° 16.9'W
D7	Drop Mark 7	41° 33.66'N	070° 16.8'W
D8	Drop Mark 8	41° 35.78'N	070° 18.4'W
D9	Drop Mark 9	41° 35.48'N	070° 17.9'W
D10	Drop Mark 10	41° 35.45'N	070° 17.0'W
D11	Drop Mark 11	41° 36.5'N	070° 17.6'W
D12	Drop Mark 12	41° 36.0'N	070° 17.5'W
D13	Drop Mark 13	41° 37.0'N	070° 18.0'W
# 99	Drop Mark 99	DROP MARK, which can be the Starting Line Pin and/or the Finishing Line Pin and can also be a Turning Mark of the Course	

COURSE "W #"
Mark sequence
W2=Start, 1, Finish
W4=Start, 1, pin, 1, Finish




COURSE 'T'
Mark Sequence
Start, 1, 2, Finish
1
Yellow Mark
Yellow Mark
2
Yellow or Orange Mark
START
Pin
FINISH

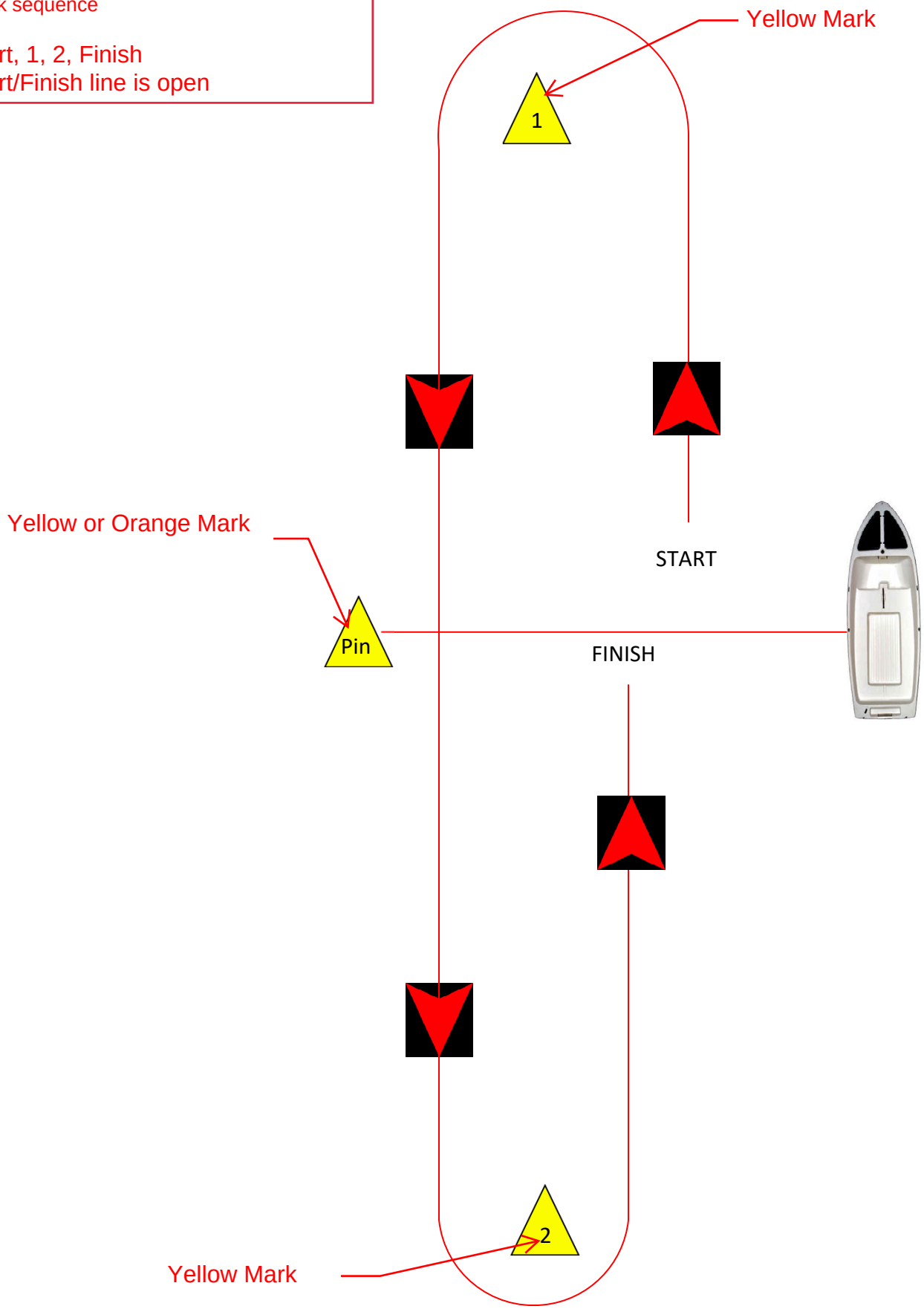

COURSE "O"
Mark Sequence
Start, 1, 2, pin, 1, Finish
1
Yellow Mark
Yellow Mark
2
Yellow or Orange Mark
Pin
START
FINISH

COURSE "W"

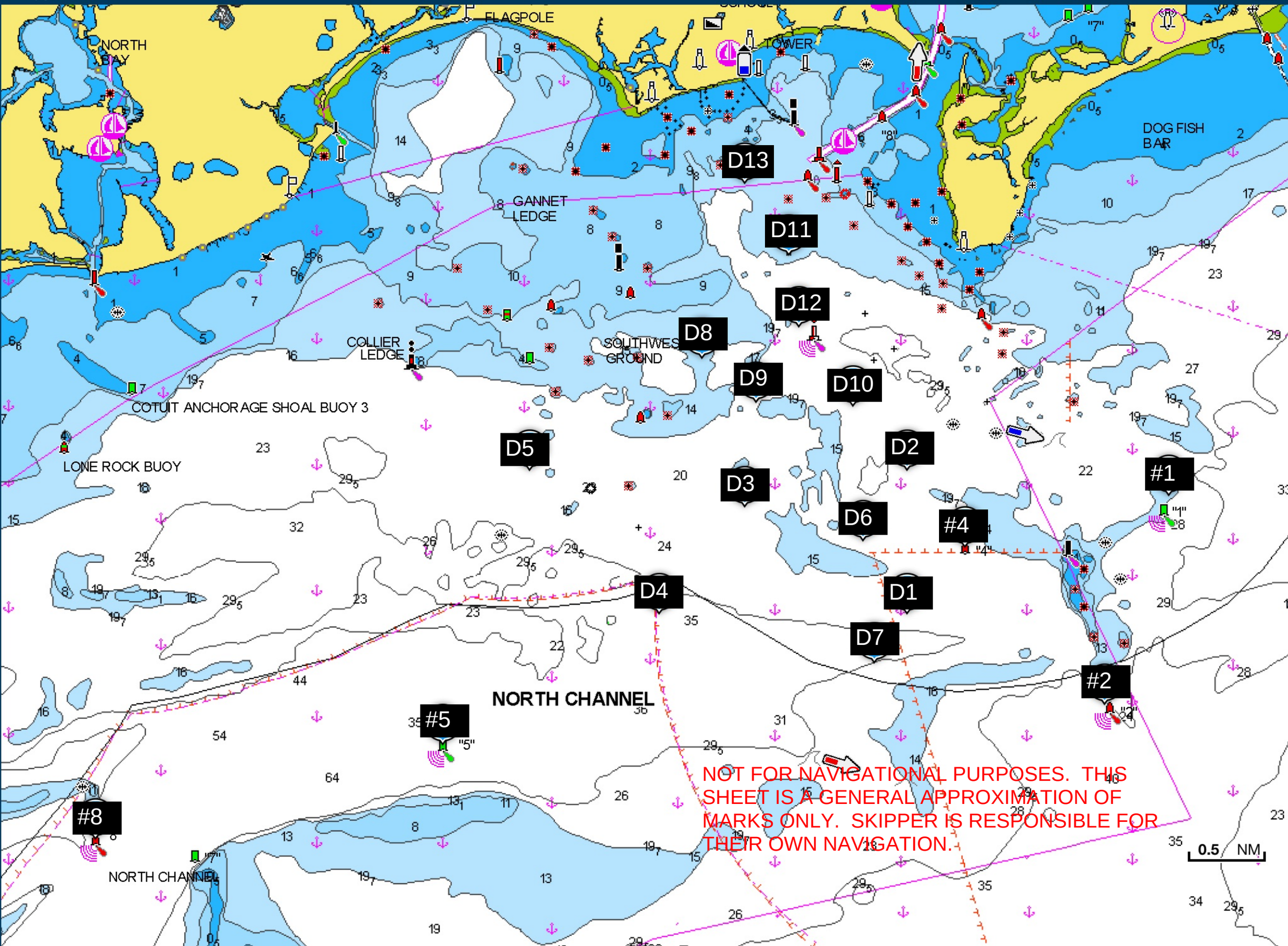
Mark sequence

Start, 1, 2, Finish

Start/Finish line is open



App Store 3:55 PM Wed Jul 29 100%



Attachment "A" Mark Distances and Bearings for quick reference

D13 is the most common committee boat location. The committee boat can use

Distance in NM	Magnetic bearing

Mark of destination

Mark of origination

	1		2		4		5		8		D1		D2		D3		D4		D5		D6		D7		D8		D9		D10		D11		D12		D13	
1	N/A	N/A	1.4	209	1.4	274			Rocks				1.8	293	2.9	285	3.6	273	4.4	288	2.1	278	Rocks		3.4	302	2.9	299	2.3	303	3.2	318	2.9	311	3.7	322
2	1.4	29	N/A	N/A	1.5	332	4.7	280	7.1	276	1.6	309	2.2	333	2.9	313	3.2	298	4.4	307	2.1	318	1.7	296	3.8	326	3.3	326	2.9	336	4	340	3.5	336	4.5	340
4	1.4	94	1.5	152	N/A	N/A	3.9	263	6.4	265	0.6	234	0.6	336	1.6	294	2.2	273	3.1	295	0.7	287	1.1	231	2.2	319	1.8	318	1.3	335	2.4	343	1.9	337	3	343
5	Rocks		4.7	100	3.9	83	N/A	N/A	2.5	269	3.4	88	3.8	73	2.7	65	1.8	71	2	31	3.3	78	3.1	93	3.3	47	3.3	56	3.7	64	4.2	49	3.9	54	4.5	222
8	Rocks		7.1	96	6.4	86	2.5	89	N/A	N/A	5.9	88	6.2	79	5.1	77	4.2	82	4	64	5.8	83	5.6	91	5.4	66	5.5	71	6.1	74	6.3	64	6.1	68	6.4	59
D1	Rocks		1.6	129	0.6	56	3.2	268	5.9	268	N/A	N/A	1	14	1.4	317	1.7	285	2.8	306	0.6	346	0.4	227	2.3	335	1.8	340	1.5	180	2.6	356	2.1	353	3.2	353
D2	1.9	114	2.2	154	0.7	159	3.8	252	6.2	259	1	194	N/A	N/A	1.3	317	1.7	284	2.8	304	0.6	342	0.4	225	2.3	335	1.8	338	1.5	0	2.6	355	2.1	353	3.2	353
D3	2.9	105	2.9	133	1.6	116	2.7	245	5.1	257	1.4	138	1.2	91	N/A	N/A	0.9	233	1.5	294	0.9	120	1.4	154	1.1	358	0.7	20	1	62	1.8	24	1.3	31	2.3	164
D4	3.6	93	3.2	116	2.2	92	1.8	252	4.2	262	1.7	105	2	74	0.9	54	N/A	N/A	1.4	333	1.5	82	1.5	116	1.8	24	1.6	38	2	57	2.7	34	2.2	40	3	25
D5	4.4	107	4.4	126	3.1	114	2	211	4	244	2.8	125	2.6	104	1.5	113	1.4	152	N/A	N/A	2.4	116	2.7	133	1.4	70	1.6	87	2.3	92	2.4	64	2.1	76	2.5	51
D6	2.1	99	2.1	139	0.7	110	3.3	257	5.7	262	0.6	164	0.6	47	0.8	299	1.5	265	2.4	296	N/A	N/A	0.9	189	1.7	332	1.2	336	0.9	10	2	359	1.5	357	2.6	356
D7	Rocks		1.7	115	1	53	3.1	273	5.6	271	0.4	49	1.4	23	1.4	335	1.5	297	2.7	313	0.8	369	N/A	N/A	2.4	344	2	349	1.8	9	2.9	2	2.4	1	3.4	359
D8	3.4	122	3.8	144	2.3	140	3.3	228	5.4	245	2.3	155	1.6	133	1.1	178	1.8	204	1.4	252	1.7	152	2.4	164	N/A	N/A	0.5	141	1.1	121	0.9	53	0.7	85	1.3	28
D9	3	118	3.3	145	1.8	139	3.2	236	5.5	250	1.8	158	1.2	128	0.7	200	1.6	219	1.6	268	1.2	155	2	169	0.5	325	N/A	N/A	0.7	106	1	26	0.6	44	1.5	371
D10	2.3	123	2.8	154	1.3	156	3.7	244	6.1	254	1.5	179	0.6	154	1	242	2	237	2.3	273	0.9	190	1.8	189	1.1	302	0.7	287	N/A	N/A	1.1	351	0.7	339	1.7	348
D11	3.2	138	3.9	159	2.4	163	4.2	229	6.3	244	2.6	176	1.7	165	1.8	203	2.6	214	2.4	244	2.1	179	2.9	182	1	233	1.1	206	1.2	171	N/A	N/A	0.5	186	0.6	342
D12	2.9	132	3.5	155	2	158	3.9	234	6.1	247	2.2	174	1.3	159	1.4	210	2.3	219	2.2	255	1.6	178	2.4	182	0.7	261	0.6	222	0.7	162	0.4	5	N/A	N/A	1.1	354
D13	3.7	142	4.4	159	3	163	4.4	222	6.4	239	3.2	173	2.3	164	2.2	194	3	205	2.5	231	2.6	176	3.4	179	1.2	208	1.5	191	1.7	168	0.6	163	1.1	173	N/A	N/A