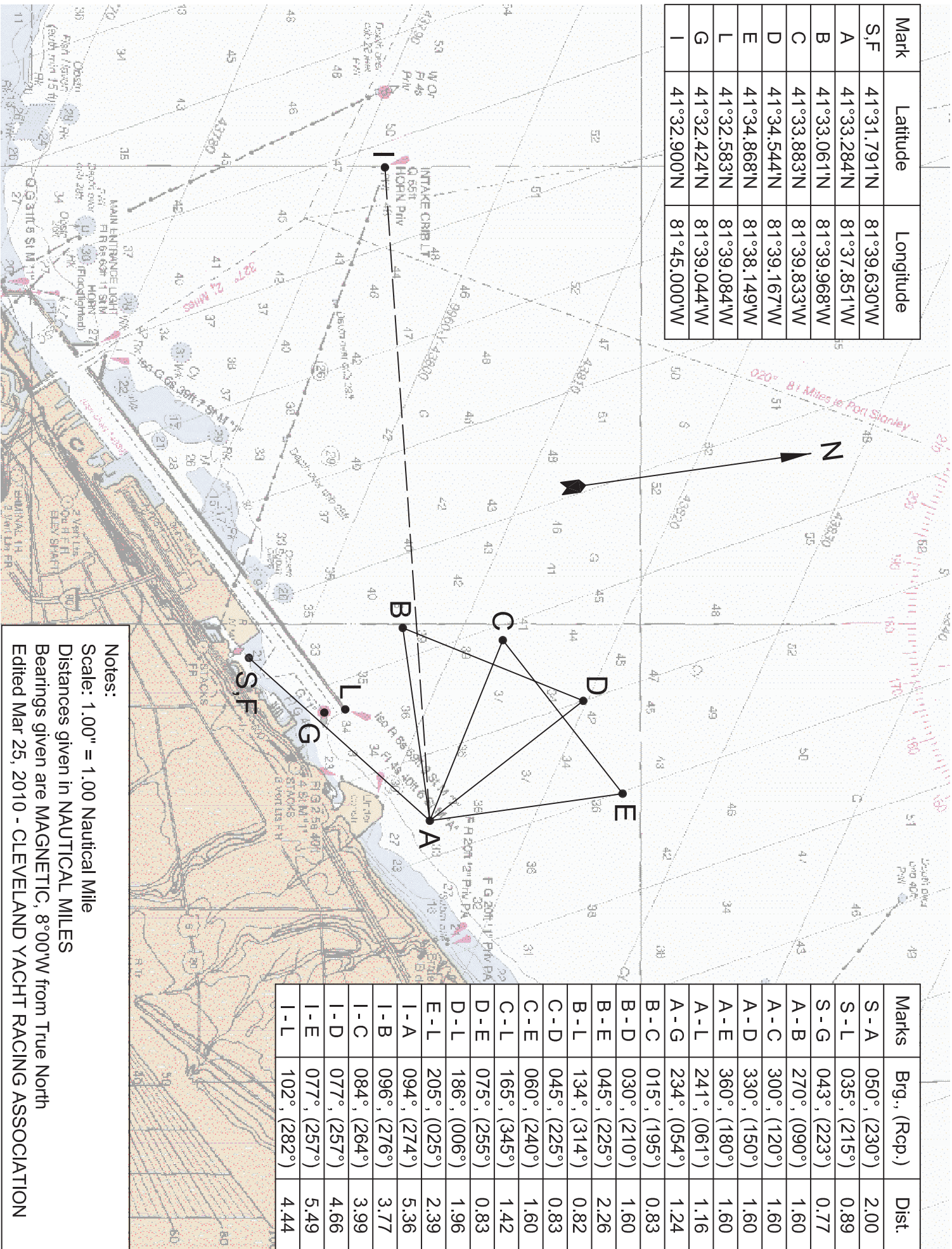


Mark	Latitude	Longitude
S,F	41°31.791'N	81°39.630'W
A	41°33.284'N	81°37.851'W
B	41°33.061'N	81°39.968'W
C	41°33.883'N	81°39.833'W
D	41°34.544'N	81°39.167'W
E	41°34.868'N	81°38.149'W
L	41°32.583'N	81°39.084'W
G	41°32.424'N	81°39.044'W
I	41°32.900'N	81°45.000'W



Marks	Brg., (Rcp.)	Dist.
S-A	050°, (230°)	2.00
S-L	035°, (215°)	0.89
S-G	043°, (223°)	0.77
A-B	270°, (090°)	1.60
A-C	300°, (120°)	1.60
A-D	330°, (150°)	1.60
A-E	360°, (180°)	1.60
A-L	241°, (061°)	1.16
A-G	234°, (054°)	1.24
B-C	015°, (195°)	0.83
B-D	030°, (210°)	1.60
B-E	045°, (225°)	2.26
B-L	134°, (314°)	0.82
C-D	045°, (225°)	0.83
C-E	060°, (240°)	1.60
C-L	165°, (345°)	1.42
D-E	075°, (255°)	0.83
D-L	186°, (006°)	1.96
E-L	205°, (025°)	2.39
I-A	094°, (274°)	5.36
I-B	096°, (276°)	3.77
I-C	084°, (264°)	3.99
I-D	077°, (257°)	4.66
I-E	077°, (257°)	5.49
I-L	102°, (282°)	4.44

Notes:
Scale: 1.00" = 1.00 Nautical Mile
Distances given in NAUTICAL MILES
Bearings given are MAGNETIC, 8°00'W from True North
Edited Mar 25, 2010 - CLEVELAND YACHT RACING ASSOCIATION

CYRA RACE COURSES

Course	Mark 1	Mark 2	Mark 3	Mark 4	Mark 5	Mark 6	Mark 7	Mark 8	Std. Course Length, nmi	"N" Course Length, nmi
0	S (p)	G (p) 043°	F (s) 223°						1.54	N/A
1	S (p)	A (p) 050°	F (s) 230°						4.00	N/A
2	S (p)	A (p) 050°	B (p) 270°	A (s) 090°	F (s) 230°				7.20	5.31
3	S (p)	A (p) 050°	C (p) 300°	A (s) 120°	F (s) 230°				7.20	5.91
4	S (p)	A (p) 050°	D (p) 330°	A (s) 150°	F (s) 230°				7.20	6.45
5	S (p)	A (p) 050°	E (p) 360°	A (s) 180°	F (s) 230°				7.20	6.88
6	S (p)	A (p) 050°	B (s**) 270°	D (s) 030°	A (s) 150°	F (s) 230°			8.80	8.05
7	S (p)	A (p) 050°	C (s**) 300°	E (s) 060°	A (s) 180°	F (s) 230°			8.80	8.48
8	S (p)	A (p) 050°	D (p) 330°	B (p) 210°	A (s) 090°	F (s) 230°			8.80	6.91
9	S (p)	A (p) 050°	E (p) 360°	C (p) 240°	A (s) 120°	F (s) 230°			8.80	7.51
10	S (p)	A (p) 050°	B (s) 270°	D (s) 030°	A (s) 150°	B (s) 270°	A (s) 090°	F (s) 230°	12.00	10.11
11	S (p)	A (p) 050°	C (s) 300°	E (s) 060°	A (s) 180°	C (s) 300°	A (s) 120°	F (s) 230°	12.00	10.71
12	S (p)	A (p) 050°	D (p) 330°	B (p) 210°	A (s) 090°	D (p) 330°	A (s) 150°	F (s) 230°	12.00	11.25
13	S (p)	A (p) 050°	E (p) 360°	C (p) 240°	A (s) 120°	E (p) 360°	A (s) 180°	F (s) 230°	12.00	11.68
14	S (p)	A (p) 050°	B (s) 270°	D (s) 030°	B (s) 210°	D (s) 030°	A (s) 150°	F (s) 230°	12.00	11.25
15	S (p)	A (p) 050°	C (s) 300°	E (s) 060°	C (s) 240°	E (s) 060°	A (s) 180°	F (s) 230°	12.00	11.68
16	S (p)	A (p) 050°	D (p) 330°	B (p) 210°	A (s) 090°	B (p) 270°	A (s) 090°	F (s) 230°	12.00	10.11
17	S (p)	A (p) 050°	E (p) 360°	C (p) 240°	A (s) 120°	C (p) 300°	A (s) 120°	F (s) 230°	12.00	10.71
18	S (p)	A (p) 050°	B (s) 270°	D (s) 030°	A (s) 150°	D (s) 330°	A (s) 150°	F (s) 230°	12.00	11.25
19	S (p)	A (p) 050°	C (s) 300°	E (s) 060°	A (s) 180°	E (s) 360°	A (s) 180°	F (s) 230°	12.00	11.68
20	S (p)	A (p) 050°	D (p) 330°	B (p) 210°	D (p) 030°	B (p) 210°	A (s) 090°	F (s) 230°	12.00	10.11
21	S (p)	A (p) 050°	E (p) 360°	C (p) 240°	E (p) 060°	C (p) 240°	A (s) 120°	F (s) 230°	12.00	10.71
22										
23										

**If the course is shortened from this mark, rounding is to port

(p) - Leave Mark to Port

(s) - Leave Mark to Starboard

Bearings shown are Magnetic

Notes:

- If the letter "A" is shown above the course number, Mark A is missing.
- If the letter "N" is shown above the course number, substitute Mark L (East Light) for Mark A in the course description of the last mark.
All mark roundings remain as described for the course. Mark A continues to be the first turning mark.
- All courses and distances have been calculated on ideal placement. It shall be the rule of the CYRA that they are official even though they may be slightly off due to drift or minor placement errors. Only significant deviation will justify the race being thrown out.