

STUDY GUIDE 3 KEY

Your boat: 33', 6' draft, depth finder 3' from end of keel, height of mast 43'.
Boat Speed: 4 kts

Deviation table

000	2E
045	1E
090	0
135	2W
180	3W
225	1E
270	3E
315	4E

PLAN 1 – DEPART PT. 1 AT 0800 LOCAL

1	FLG "1A"	N41°10.6' W071°33.2'	T	V	M	D	C	Dist	ETE	ETA	Remarks
2	W OR "A"	N41°16.6' W071°23.9'	050	16w	066	1E	065	9.2	2-19	1019	
3	R"2"	N41°20.0' W071°28.5'	315	16w	331	4E	327	4.9	1-14	1133	
4	Brkwtr light Fl 2.5 sec 33 ft 7M	N41°21.25' W071°30.48'	312	16w	328	4E	324	1.9	0-29	1202	

PLAN 2

Brenton Reef Light Bears 285 M

Abandoned Light house (N41-27, W 71-12) bears 066 M

Where are you? (lat/long)

What are characteristics of the bottom, what hazards are in the region?

	T	V	M
BRENTON LIGHT	269	16W	285
LT HOUSE	050	16W	066

N41-25.5

W071-14.5

Wreck awash at datum, hard bottom

PLAN 3

You estimate that you are one mile East of Pt. Judith Light and plan to sail to Pt. Breton Light

Wind is NE at 12-15

What is your plan?

Sail 090T/106PSC until the light bears 350T/006M, tack and aim 10 degrees upwind of light, which is 360T/316M. You can't sail higher, but a bit farther off is OK. This plan allows 10° leeway and assume wind is constant for entire trip.