winning knowledge 1st half 15/7/07 18:05 Page 16

STIMSON YACHT DESIGN

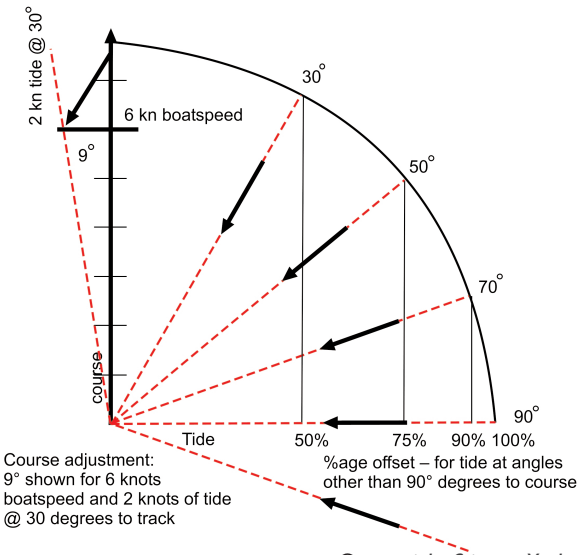
READY WRECKONER

Note: not to be used for navigation °

Tide angle	Adjustment factor
90	100%
70	90%
50	75%
30	50%
15	26%

Boat Speed	Adjusted tide rate in knots (reduce for angles other than 90°)					
	0.5	1	1.5	2	2.5	3
1	27°	45	56°	63°	68	72°
2	14°	27	37°	45°	51	56°
3	9°	18	27°	34°	40	45°
4	7°	14	21°	27°	32	37°
5	6°	11	17°	22°	27	31°
6	5°	9	14°	18°	23	27°
7	4°	8	12°	16°	20	23°
8	4°	7	11°	14°	17	21°
9	3°	6	9°	13°	16	18°
10	3°	6	9°	11°	14	17°

Example:
6 knots boatspeed, 2 knots tide at 30° to track:
Tide correction is (2 knots x 50%) = 1 knot of Adjusted tide
Apply course adjustment for 1 knot of Adjusted tide @ 6 knots boatspeed



Course adjustment:
9° shown for 6 knots boatspeed and 2 knots of tide @ 30 degrees to track

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A very useful tool for calculating tidal laylines, especially for classes that aren't allowed to use navigation software