

Incident Reference	Search and Rescue		Compiled by		
	Worksheet No. 2 (Maritime)		Date 24/08/2011		
Search Platform	Fixed Wing	Search Platform TAS	150.0	Search Object	Person in Water
MET Visibility	2.0 KM	Wind	3.0 Kts	Fatigue factor	Yes
Search Height (A G L)			500.0 ft		
Uncorrected Sweep Width (Wu) -Tables I-3, I-4, I-5 (1), I-5 (2), I-6 (1), I-6 (2)			0.0 NM		
Maritime: Weather Correction Factor (Fw) - Table I-			1.0		
Speed Correction Factor (Fs) a) Aircraft searching over water use Fs from Table I-8 b) Searches by vessels enter 1.0			1.2		
Sweep Width Factor W = $W = F_w F_s F_e$			0.0		
Practical Track Spacing S (NM)			1.0		
Coverage Factor C = W/S			0.0		
Probability of Detection (POD)			0.0		
Search Area A (SQ NM)			4.0		
Search Hours (T) Required at 120 KTS (V) $T = \frac{A}{V \times S}$			0.026666667		