

Incident Reference	Search and Rescue		Compiled by		
	Worksheet No. 8		Date 24/08/2011		
Search Platform		Vessels and small boats		Search Object	Person in Water
MET Visibility	2.0 KM	Wind	7.0 Kts	Fatigue factor	No
Search Height (A G L)			Eye Height 8 ft		
Uncorrected Sweep Width (Wu) -Tables I-3, I-4,			0.2 NM		
Maritime: Weather Correction Factor (Fw) - Table I-			1.0		
Fatigue Correction Factor (Ff) if crew will be suffering significant fatigue enter 0.9, otherwise enter 1.0			1.0		
Sweep Width Factor W = $W = F_w F_u$			0.2		
Practical Track Spacing S (NM)			1.0		
Coverage Factor C = W/S			0.2		
Probability of Detection (POD)			19.59356		
Search Area A (SQ NM)			8.0		
Search Hours (T) Required $T = A/VS$			8.0		