

**Exercise Plan Template
(Trainee's Copy)**

Course Title	Management Level Course for Marine Deck Officers																						
Exercise No.	A6.5																						
Exercise Title	Apply the search and rescue operation coordination procedure of IAMSAR																						
Duration	2.5 hours 0.25 hour for briefing 2.0 hours for practical exercise 0.25 hour for debriefing																						
Function	Function 1: Navigation at the Management Level																						
Competence	Coordinate search and rescue operations																						
Knowledge, Understanding and proficiency	A thorough knowledge of and ability to apply the procedures contained in the International Aeronautical and Maritime Search and Rescue (IAMSAR) Manual																						
Intended Learning Outcome/s	At the end of the exercises, the trainee should be able to apply the search and rescue operation coordination procedure of IAMSAR in a given scenario.																						
Training Equipment/ Materials	<ul style="list-style-type: none"> • Full Mission Bridge Simulator and Mini Bridge Simulator Workstations • Two-Way Handheld Radio 																						
Scenario Description	Vessel underway bound for Manila when a distress call - MAYDAY at 06:02 UTC on VHF channel 16 was received, a Man Overboard incident in a given position Latitude 14° 18.81'N and Longitude 120° 25.39'E. After establishing contact to vessel in distress, own ship immediately proceeded to the area and render assistance. Upon arrival to the given position the MOB was not sighted as per the distress message considering probable error of position occurred. The Master decided to execute the Expanding Square Search Pattern.																						
Initial Condition	<p>Ship Particulars</p> <p>Ship Name: MV ALTITUDE III Ship Model: Oil Tanker Condition: Ballast LOA: 336.0 m Breadth: 58.0 m Draft: 5.5 m Max Speed: 17.2 knots Propeller: Right handed, Fixed pitch propeller, Single Screw</p> <table border="1" style="width: 100%;"> <tr> <td>Initial Position</td> <td>Lat.:</td> <td>14 – 16.1938N</td> </tr> <tr> <td></td> <td>Long.:</td> <td>120 – 25.5037E</td> </tr> <tr> <td>Initial Heading:</td> <td colspan="2">000°</td> </tr> <tr> <td>Speed:</td> <td colspan="2">10.0 knots</td> </tr> <tr> <td>Steering Mode:</td> <td colspan="2">Manual Mode</td> </tr> <tr> <td>Time:</td> <td colspan="2">1400H</td> </tr> <tr> <td>Current:</td> <td colspan="2">295°/1.0knots</td> </tr> </table>		Initial Position	Lat.:	14 – 16.1938N		Long.:	120 – 25.5037E	Initial Heading:	000°		Speed:	10.0 knots		Steering Mode:	Manual Mode		Time:	1400H		Current:	295°/1.0knots	
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	Wind:	140°/3(Bf)	
	Sea State:	0.1 - 0.5m	
	Tide:	0	
	Visibility:	>10nm	

Exercise Procedure	
Trainee's Action	<ul style="list-style-type: none"> • Reporting and coordinating readiness for assistance • Applying search and rescue operation using expanding square pattern • Terminating search and rescue operations

Date

Trainee's Name & Signature

Instructor's Name & Signature

Note: This sample practical Exercise Sheet was used during the conduct of pilot testing, MTI may enhance this taking into account the Resources they have.