SEARCH PATTERNS (DRIFTING)

Select one: Sector or Expanding

EVALUATION CRITERIA

Given a SAR scenario and a Commence Search Point (CSP), execute a drifting type search pattern.

A drill will automatically be deemed unsatisfactory if any of the following conditions are met:
- Jeopardizing safety of passengers and crew (ie. kill switch, jewelry, etc.)
- Unsafe operation or navigation of the boat
- Failure to wear and use serviceable crew safety and survival equipment
- Failure to use applicable operational risk management and updating as necessary

All steps with an **(S)** must be performed.

PREPARATIONS

Brief crew on initial SAR check sheet items: Pattern / CSP / Speed / # Lookouts / Obj / Datum Marker	
Assign lookouts, coordinate their areas of responsibility, and provide target description. **(S)**	
If platform has dual steering stations, use the exposed station.	
Open windows/Roll-up weather curtains (if installed), as necessary.	

SEARCH PATTERN EXECUTION

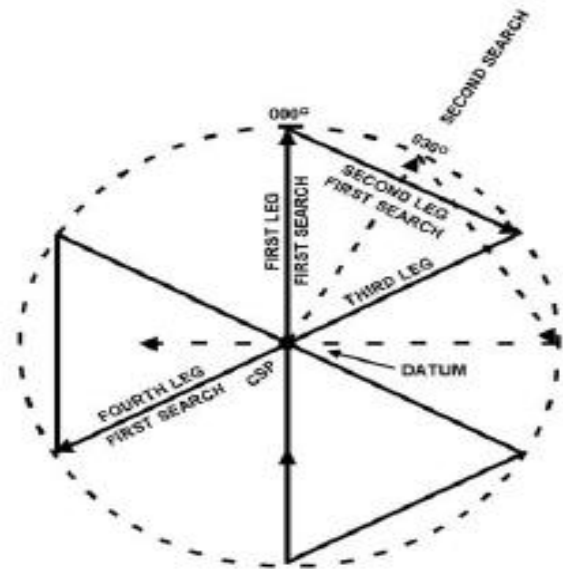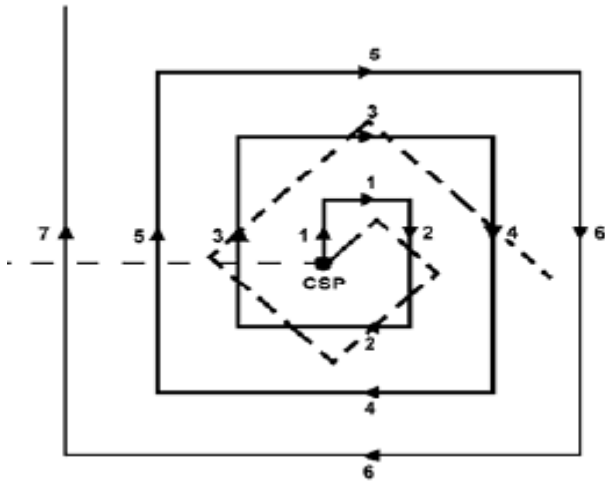|	
From the established CSP, estimate direction of set. **(S)**	
Calculate all compass courses, state starting speed over ground/times to turn for search pattern. **(S)**	
Deploy datum marker and mark position into eNav (VS only). **(S)**	
Commence Search in estimated direction of set. **(S)**	
Advise Unit/SMC/Operational Commander of on scene WX and start time of pattern.	
Set speed and do not adjust throttles after first leg. **(S)**	
Commence all turns to the right, within + or - 15 seconds of calculated times to turn. **(S)**	
Boat crew demonstrates proper visual scanning techniques.	
Steer on datum marker when on 3rd, 6th, and 9th (VS only). **(S)**	
Enter final position of datum into eNAV immediately upon completing final leg (VS only). **(S)**	
Complete minimum five search pattern legs (SS only). **(S)**	
Calculate set and drift upon completion of search pattern.	
Notify Unit/SMC/Operational Commander of completion of search pattern. Pass final position of datum, set, and drift.	
Use illumination without compromising night vision (if at night).	

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DRIFTING SEARCH PATTERN WORKSHEET

Leg	Course	Notes
1		
2		
3		
4		
5		
6		
7		
8		
9		

COMMENTS