

# SEARCH PATTERNS (DRIFTING)

Select one: Sector (VS) or Expanding (SS)



Member's Name:	Member's Number:
<b>EVALUATION CRITERIA</b>	
<p>Given a Search Action Plan and a Commence Search Point (CSP), execute a drifting type search pattern.</p> <p>For drill purposes:</p> <ul style="list-style-type: none"> <li>Complete minimum of five search pattern legs for the (SS) only.</li> <li>Complete (VS) in its entirety.</li> <li>Facility must have one or more of the following onboard: an operational GPS or Electronic Charting System (ECS) or compass and radio.</li> <li>Facility may have a radar.</li> </ul> <p>A drill will automatically be deemed unsatisfactory if any of the following conditions are met: (S)</p> <ul style="list-style-type: none"> <li>Jeopardizing safety of passengers and crew (i.e., Engine Cutoff Switch, jewelry, etc.)</li> <li>Unsafe operation or navigation of the boat</li> <li>Failure to wear and use serviceable crew safety and survival equipment.</li> <li>Failure to properly assign and utilize crewmembers.</li> <li>Failure to use applicable operational risk management and updating as necessary.</li> </ul> <p>All steps (as applicable) with an (S) must be performed.</p>	
<b>PREPARATIONS</b>	
(S) Brief crew on mission.	
(S) Assign lookouts, coordinate their areas of responsibility, and provide target description.	
Open windows (if installed), as necessary.	
<b>SEARCH PATTERN EXECUTION</b>	
Arrive within 100 yards of established CSP.	
(S) 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) Ensure no part of the search pattern will create a navigational hazard to facility. i.e.: shoal water, land, Aids to Navigation, etc.	
(S) Deploy datum marker and mark position into GPS or ECS <b>(VS only. Not required to deploy for (SS)).</b>	
(S) Commence Search in estimated direction of set.	
(S) Advise Unit/SMC of on scene WX, position, 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.	
Boat crew demonstrates proper visual scanning techniques.	
(S) <b>(VS only):</b> Steer on datum marker when on 3 <sup>rd</sup> , 6 <sup>th</sup> , and 9 <sup>th</sup> legs	
(S) <b>(VS only):</b> Enter final position of datum marker into GPS or ECS immediately upon completing final leg. <b>(Not required for (SS)).</b>	
(S) <b>(SS only):</b> Complete minimum five search pattern legs.	
Calculate set and drift upon completion of search pattern.	
(S) Notify Unit/SMC of completion of search pattern. Pass final position of search pattern.	
Use illumination without compromising night vision (if at night).	

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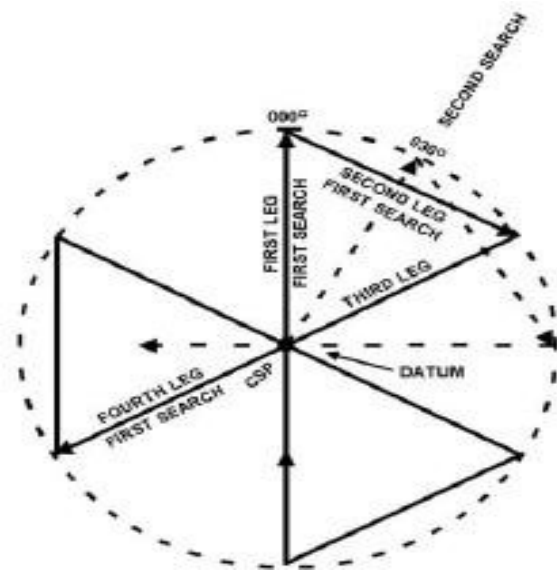
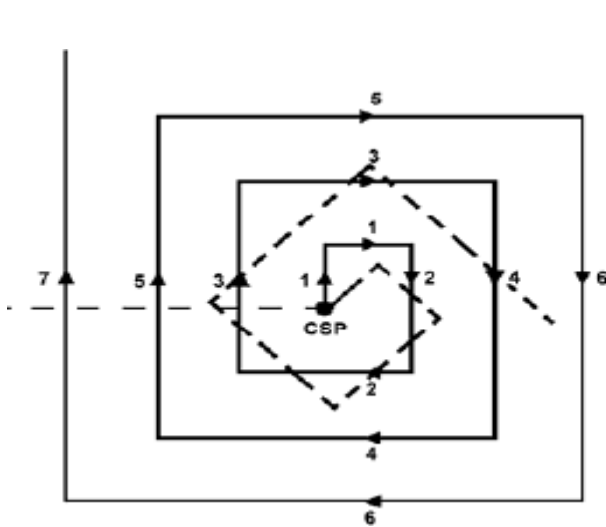


Member's Name: \_\_\_\_\_

Member's Number: \_\_\_\_\_

## DRIFTING SEARCH PATTERN WORKSHEET

Leg	Course	Notes
1		
2		
3		
4		
5		
6		
7		
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9		



### COMMENTS