



**Volunteers
Saving Lives
at Sea**

Course: Search and Rescue Navigation (SARnav) 2 ***Practical Pilotage Techniques for Reduced Visibility***

Description: This course will focus on training crews to navigate by all means in reduced visibility and at higher speeds. Practical pilotage techniques will be described, demonstrated and practiced. We will concentrate on the coxswain team leadership skills and crew communications needed to create a meaningful and fluid positive team dynamic. The Standards addressed are;

- Radar set up & Navigation
- Chart Plotter theory & Navigation
- Collision Regulations & Radar
- Passage Planning & Chart work for Radar
- Situational Awareness & Positive Control
- Team Leadership & Coxswain Training

Objective: Our goal is to minimize the risk for crews navigating at higher speeds in reduced visibility.

Time: 4 Days: Friday at 1700 to Tuesday at 1300.

Pre-Requisites

- SARnav-1 and/or RHOT
- Chart Work Experience
- Collision Regulation Knowledge

After Registration

- Pre-course Package Chart work Exercise
- Pre-requisite Collision Regulations exam
- Net Simulator Work Book 1 completion

Materials Provided

- Home pre-course study package
- Text Book: *The Radar Book* by Kevin Monahan
- Course Manual
- Online Net Simulator Training

Certificates

- Canadian Coast Guard Auxiliary- Pacific Search and Rescue Navigation (**SARnav-2**) Certificate
- Transport Canada Simulated Electronic navigation- Limited (**SEN-L**) Certificate
- **Cost \$895.00**

SARnav-2 Course Schedule



Pre-Course Package: Chartwork Exercise, and Pre-Reading Q & A: Loran C	
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Day 1 - Friday Night	
Time	
1700	A
1715	B
1730	Introductions and Welcome Briefing
1745	
1800	Positive Control
1815	
1830	
1845	
1900	Raymine Buttonology Review
1915	
1930	
2000	Simulator Orientation

Day 2 - Sat		Day 3 - Sunday		Day 4 - Mon		Day 5 - Tues		Time
A	B	A	B	A	B	A	B	
Fundamentals of Radar and Early developments	Collision Regulations for Radar	Radar Plotting		Evaluations Briefing		Evaluations Briefing		0800
Radar Filters	Coffee Break	Error Trapping and test review		Relative Motion/True Motion Discovery		FRCsim Final Scenario		0815
Coffee Break	Night Chart Run	Working Lunch		Coffee Break		FRCsim Final Scenario		0830
Radar Filters	Working Lunch	Error Trapping and test review		Collision Avoidance		FRCsim Final Scenario		0845
GPS and ECS	Working Lunch	Night Chart Run		Collision Avoidance		FRCsim Final Scenario		0900
Radar Filters	Working Lunch	Error Trapping and test review		Collision Avoidance		FRCsim Final Scenario		0915
GPS and ECS	Working Lunch	Night Chart Run		Collision Avoidance		FRCsim Final Scenario		0930
Radar Filters	Working Lunch	Error Trapping and test review		Collision Avoidance		FRCsim Final Scenario		0945
GPS and ECS	Working Lunch	Night Chart Run		Collision Avoidance		FRCsim Final Scenario		1000
Radar Filters	Working Lunch	Error Trapping and test review		Collision Avoidance		FRCsim Final Scenario		1015
GPS and ECS	Working Lunch	Night Chart Run		Collision Avoidance		FRCsim Final Scenario		1030
Radar Filters	Working Lunch	Error Trapping and test review		Collision Avoidance		FRCsim Final Scenario		1045
GPS and ECS	Working Lunch	Night Chart Run		Collision Avoidance		FRCsim Final Scenario		1100
Radar Filters	Working Lunch	Error Trapping and test review		Collision Avoidance		FRCsim Final Scenario		1115
GPS and ECS	Working Lunch	Night Chart Run		Collision Avoidance		FRCsim Final Scenario		1130
Radar Filters	Working Lunch	Error Trapping and test review		Collision Avoidance		FRCsim Final Scenario		1145
GPS and ECS	Working Lunch	Night Chart Run		Collision Avoidance		FRCsim Final Scenario		1200
Radar Filters	Working Lunch	Error Trapping and test review		Collision Avoidance		FRCsim Final Scenario		1215
GPS and ECS	Working Lunch	Night Chart Run		Collision Avoidance		FRCsim Final Scenario		1230
Radar Filters	Working Lunch	Error Trapping and test review		Collision Avoidance		FRCsim Final Scenario		1245
GPS and ECS	Working Lunch	Night Chart Run		Collision Avoidance		FRCsim Final Scenario		1300
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Radar Filters	Working Lunch	Error Trapping and test review		Collision Avoidance		FRCsim Final Scenario		1415
GPS and ECS	Working Lunch	Night Chart Run		Collision Avoidance		FRCsim Final Scenario		1430
Radar Filters	Working Lunch	Error Trapping and test review		Collision Avoidance		FRCsim Final Scenario		1445
GPS and ECS	Working Lunch	Night Chart Run		Collision Avoidance		FRCsim Final Scenario		1500
Radar Filters	Working Lunch	Error Trapping and test review		Collision Avoidance		FRCsim Final Scenario		1515
GPS and ECS	Working Lunch	Night Chart Run		Collision Avoidance		FRCsim Final Scenario		1530
Radar Filters	Working Lunch	Error Trapping and test review		Collision Avoidance		FRCsim Final Scenario		1545
GPS and ECS	Working Lunch	Night Chart Run		Collision Avoidance		FRCsim Final Scenario		1600
Radar Filters	Working Lunch	Error Trapping and test review		Collision Avoidance		FRCsim Final Scenario		1615
GPS and ECS	Working Lunch	Night Chart Run		Collision Avoidance		FRCsim Final Scenario		1630
Radar Filters	Working Lunch	Error Trapping and test review		Collision Avoidance		FRCsim Final Scenario		1645
GPS and ECS	Working Lunch	Night Chart Run		Collision Avoidance		FRCsim Final Scenario		1700
Radar Filters	Working Lunch	Error Trapping and test review		Collision Avoidance		FRCsim Final Scenario		1715
GPS and ECS	Working Lunch	Night Chart Run		Collision Avoidance		FRCsim Final Scenario		1730
Radar Filters	Working Lunch	Error Trapping and test review		Collision Avoidance		FRCsim Final Scenario		1745

Legend	
	Classroom
	Break
	Simulator
	On Water
	Briefings

NIGHT RUNS