Pêches et Océans Canada

Garde côtière

Fisheries and Oceans Canada

Coast Guard

# SAR Algorithms



SCUE

& RE

EAM SEARCH

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### LEGEND

#### **COLOR TITLE CODING**





Provide first aid as directed/specific first aid info

**LEGEND** 

### **1. ALERTING**



#### 2. RECEIVING A CALL



#### **3. TRANSIT TO THE SCENE**



#### **4. ARRIVAL ON SCENE**



#### **5. RESCUE INITIAL ACTIONS**



### **6. RECOVERING PIW**



#### **RECOVERING PRIORITIES:**

- I. Without floatation device, without thermal protection
- 2. Without floatation device, with thermal protection
- 3. With floatation device, without thermal protection
- 4. With floatation device, with thermal protection



#### WARNINGS!

- I. Do not send a crewmember in the water unless ABSOLUTELY necessary. If you have to do so, provide thermal protection, flotation device and tie the crewmember to a line (such as a towing line) to enhance safety.
- 2. PIW suffering from hypothermia should be recovered gently and kept horizontal to prevent cardiac arrest.



### 7. CASUALTY ON FIRE



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#### 8. GROUNDED/CAPSIZED VESSELS



#### 9. REFLOATING PROCEDURES



### **10. RIGHTING TECHNIQUES**



#### **11. DEWATERING/WATER FLOW CONTROL**



 Refer to SAR pump instructions for handling.
The exhaust of gasoline SAR pumps will get hot. Be careful not to burn anything with it.



PAGE II

#### **12. TOWING PREPARATION**



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Avoid getting involved in prolonged towing operations. Remember that you must remain available for potential lifethreatening incidents. Always tow to closest safe haven when possible.



### **13. TOWING ASTERN**



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#### **14. SHORTENING THE TOW**



#### **15. TOWING ALONGSIDE**



Enter the marina/port (page l6)

### **16. ENTERING A MARINA/PORT WITH TOW**



#### **17. DOCKING WITH ALONGSIDE TOW**



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#### **18. TRANSPORT OF SICK/INJURED**



#### **19. STABLE/POT. UNSTABLE TRAUMA**



### **20. UNSTABLE TRAUMA**



#### Signs and symptoms of unstable trauma casualties: - Cardiac or respiratory arrest - Obstructed airway - Severe thoracic injury - Advanced signs of shock - Unconsciousness or altered level of consciousness - Uncontrollable hemorrhage - Penetrating injury to the head, neck, thorax, abdomen or pelvis - Irregular pupils - Abdominal tenderness during palpation - Both femurs fractured - Abnormally slow pulse



If a casualty is unstable, time is critical. YOU MUST INITIATE QUICK TRANSPORT TOWARD THE SHORE IN LESS THAN 10 MIN AFTER YOUR ARRIVAL!



#### **21. STABLE MEDICAL**





#### 22. POT. UNSTABLE/ UNSTABLE MEDICAL



#### 23. MULTICASUALTY FIRST AID



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#### 24. START TRIAGE METHOD



#### **25. MISSION CONCLUSION**



