

SAR COMPETITION EXERCISE

SAR DAMAGE CONTROL

From ISAR 2005

Purpose

The purpose of this event is to evaluate the teams' ability to deal with various types of damage control.

Equipment Required: Box / container with ability to input water.
Various soft wedges and plugs
Canvas
Pump with suction and hose
Measuring container

Set Up

The container shall be set up, with the hose being led into the open top.

Exercise



The event involves a 45 (Canadian) gallon (50 gallons US) drum which sports some rather nasty gashes and a few short lengths of piping attached. Use will be made of plugs, wedges and patching material to stop the flow of water.

It all sounds pretty familiar up to this point, but that's where the fun starts. The piping is hooked up to a nearby fire hydrant and the water line will be charged throughout the patching process. Things are guaranteed to be wet and wild.

You will not stay 100% dry on this one. Pitter, patter....

The purpose of this event is to teach and then evaluate the teams' ability to

mitigate damage to a vessel by stopping the ingress of water from several leaks.

1. Each team will be scored on two accounts:

- a. The amount of time used to effectively stop all leaks.
- b. The volume of water collected from any still flowing leaks in a two minute period. This water will be collected by the judges and measured.

2. **Time Factor:** Each team will have a maximum of 20 minutes to stop the flow from the leaks. When a team has finished the repair to their satisfaction a team member will shout "DONE" and their clock will be stopped. Any team not finished in 20 minutes will be told by the judge(s) to stop. If any team member touches the repair area after one of that team's members has shouted "DONE" or after the order to stop is given, that team will be assessed a 5-minute penalty. The team using the least amount of time will be awarded 13 points. The second place team will be awarded 11 points, third place 10 points and so on.

3. **Water flow:** When a team member shouts "DONE" or the judge(s) shout "STOP" the judges will fit equipment to catch and measure water still flowing from the leaks. The water will be collected for two minutes, then measured. The team with the least water flow will be awarded 13 points, second place will be awarded 11 points, third place 10 points and so on.