

## Mar-Gun Vessel Recovery Milestones

Date Finished	Milestones
4/7/2009	Fabricate Reinforcements/Bracing in the #1 Fishhold
4/8/2009	Weld foundations and install fairleads on aft deck port and starboard
4/9/2009	Strip residual oil out of 2,3,4, and 5 port wing tanks and transfer to Magone vessel
	Install air fittings to blow water out of the Fore/Aft Port Double Bottom Tanks and shaft alley
4/28/2009	Finish Engine Room hull repairs
	Finish Engine Room hull repairs resulting from pulling ops
5/6/2009	Repair port and/or starboard generators (Port Generator Operational 5/6/09)
4/29/2009	Reave 5/8" wire on 4 part blocks on port side outside of trawl alley (for 3rd, smaller offshore anchor)
4/16/2009	Reave Port Multi-Part blocks with 1" wire from trawl winch
4/20/2009	Reave Starboard Multi-Part blocks with 1" wire from trawl winch
4/22/2009	Install 1st offshore anchor (20k #)
4/27/2009	Install 2nd offshore anchor
4/29/2009	Install 3rd offshore anchor
4/19/2009	Spool balance of ship's 1" wire off of the port trawl winch and then transfer to shore with helo in ~400' sections
4/23/2009	Spool balance of ship's 1" wire off of the starboard trawl winch and then transfer to shore with helo in ~400' sections
4/30/2009	Remove nets from vessel to seaward using Redeemer
4/27/2009	Seal shaft alley covers in #1 Fish Hold and install air fittings.

4/28/2009	Seal shaft alley covers in #2 Fish Hold
4/30/2009	Seal shaft alley covers in #3 Fish Hold
	Lock down shaft to prevent rotation during towing (may be completed once off the beach)
4/30/2009	Remove rudder from the vessel if opportunity arises. Bolts heads have been burned off, and the pintle was damaged during the grounding, so the rudder should give rather than binding and causing more damage during the pull off.
	Remove rock pinnacle from near starboard quarter with blasting operations.
4/30/2009	Remove Residual Slops from Port 1 and 2 Double Bottoms
	Pull Mar-Gun off of the beach