



## Sub Rescue ROV DIVE PLAN

### ROV Scope of Work

This scenario is designed to practice performing a sub rescue using a cutting tool.

The scenario requires the use of a single ROV with attached tooling skid.

### Field Layout

The field consists of a stranded submarine with a subsea tool supply basket positioned nearby.

### ROV tools and equipment required in the scenario

ROV tools required for this dive:

- 3” Hard-line cutting tool **or** Disc cutter with associated dual port hot stab

Equipment and models required for this dive:

- 1 Subsea tool supply basket

### ROV Set Up

#### ROV 1

- ROV starboard manipulator (Orion 7 function arm)
- ROV port manipulator (Rigmaster 5 function arm)

#### TMS

- None

**Pre Job Tasks**

None

**ROV Operations**

**Sub Rescue**

1. Locate the trapped submarine in the field and fly the ROV to its location.
2. Inspect the submarine for all debris or cables that may be disabling it.
3. Locate the subsea tool supply basket and fly the ROV to its location.
4. Retrieve the cutting tool located in the tool supply basket.
5. Return to the submarine and use the cutting tool to cut and remove the cables trapping the submarine.
6. Inspect the submarine to ensure that all debris and cables have been removed from the submarine.
7. Return to the tool supply basket and place the hard line cutter back in the basket.
8. Signal the surface ship to retrieve the basket. Follow the rigging to ensure that it does not tangle with the submarine.

**ROV Supervisor Name:**

**Date:**

**Comments:**

