

Schmidt Ocean Institute

R/V *Falkor (too)* Dive Plan Template Information

The following document is intended to guide science parties into giving key information needed for a SuBastian Dive. This dive plan will be distributed across the ship and will help ensure your dive goals are met. The information below is intended as a template, however, you're more than welcome to set up your dive plans in a way that works best for you and your team.

Dive plans ideally are sent to diveplans@falkortoo.org at a minimum a few hours prior to the expected dive time.

Dive Info:

FKt Cruise ID:

ROV Dive #:

Date:

Est ROV Launch Time:

Est ROV Recovery Time:

Est Dive Length:

Target Location Name:

ROV Launch Position: *lat/long in d.ddd*

Dive Description:

This is your opportunity to give a brief description of your dive/ dive expectations. This dive summary is inserted into Sealog-Sub and is used to describe the dive on the dive summary reports (PDF's).

Dive Activities/ Objectives:

A way to give an anticipated play-by-play of the dive, which is often helpful for ROV Pilots, MMT's, as well as science party watch standers.

Waypoints

A table of waypoints allows the crew to easily input waypoints into the Pilot/Co-Pilot computers and into Fledermaus. The below table is filled out as an example.

WP#	Lat (d.dddd)	Long (d.dddd)	Depth (m)	Comments
001	5.1234	86.1234	1000	On Bottom
002	5.4567	86.5678	1250	Transect Start
003	5.8901	86.9012	1500	Transect Stop
004	5.2345	86.3456	2000	Vent Site Alpha
005	5.6789	86.7890	2000	Marker B

ROV Vehicle Configuration

The ROV Team will discuss the porch configuration in greater detail during the pre cruise meetings / mobilization, however, this section allows you to detail which porch configuration you're expecting for the dive (if there are multiple throughout the cruise), you can also give information on what tools/ collecting boxes you are expecting for the dive as well as any of your gear that you want installed so the ROV team can prepare as part

Additional Information

Here you can add any additional information that may be helpful for the science party or ROV pilots throughout the dive. This may include watch schedules, sampling procedures, logging procedures, instrument SOP's, etc.