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NLV *Pole Star*

Survey 0522H

PROGRAMME

20-26 April 2022

Ports:

Loading: Oban, 20 April 2022

Unloading: Oban, 26 April 2022

In setting the survey programme and specific objectives, etc. the Scientist-in-Charge needs to be aware of the restrictions on working hours and the need to build in adequate rest days and rest breaks as set out in Marine Scotland's Working Time Policy (Lab Notice 34/03). In addition, the Scientist-in-Charge must formally review the risk assessments for the survey with staff on-board before work is commenced.

In the interest of efficient data management it is now mandatory to return the Survey Report, to I Gibb and the Survey Summary Report (old ROSCOP form) to M Geldart, within four weeks of a survey ending. In the case of the Survey Summary Report a nil return is required, if appropriate.

Projects: 20397 (6 days)

Gear:

Surface-marked metocean buoy; subsurface passive acoustic moorings (incl. cetacean detectors and sound recorders).

Objectives:

1. To deploy a large metocean buoy in the outer Firth of Clyde, as part of the oceanographic monitoring component of the EU INTERREG VA COMPASS project. Deployment position detailed in Table 1.
2. To retrieve and re-deploy six subsurface moorings comprising acoustic release systems and the acoustic recording devices attached to them as part of marine mammal monitoring component of the EU INTERREG VA COMPASS project. See Figure 1 and Table 1 for locations.

A daily programme of work will be agreed between the MSS scientists and vessel master. The preference is to deploy the metocean buoy first (weather permitting), before returning to the Inner Hebrides and Minches to service the PAM moorings.

A Notice to Mariners has been issued for all mooring locations. Any updates or location changes will be issued if required.

Normal contacts will be maintained with the laboratory.

Submitted:
E Edwards
15 April 2022

Approved:
I Gibb
19 April 2022

Table 1. The locations and depths of the COMPASS moorings to be recovered and redeployed.

Name of location	Lat (as laid - most recent)	Long (as laid - most recent)	Lat (Deg dec min) N	Long (Deg dec min) W	Depth	Recover?
Firth of Clyde metocean buoy			55° 24' 54.0"	5° 11' 42.0"	-	N
Garvellachs	56.2351	-5.7595	56° 14' 6.36"	-5° 45' 34.2"	78.6	Y
Stanton Bank	56.0686	-8.064433	56° 4' 6.96"	-8° 3' 51.96"	71	Y
Hyskeir	57.03542	-6.752867	57° 2' 7.51"	-6° 45' 10.32"	48	Y
Tolsta	58.3859	-6.008083	58° 23' 9.24"	-6° 0' 29.1"	50	Y
Stoer Head	58.2529	-5.539283	58° 15' 10.44"	-5° 32' 21.42"	103	Y
Shiant's Isles	57.86927	-6.2698	57° 52' 9.37"	-6° 16' 11.28"	69	Y

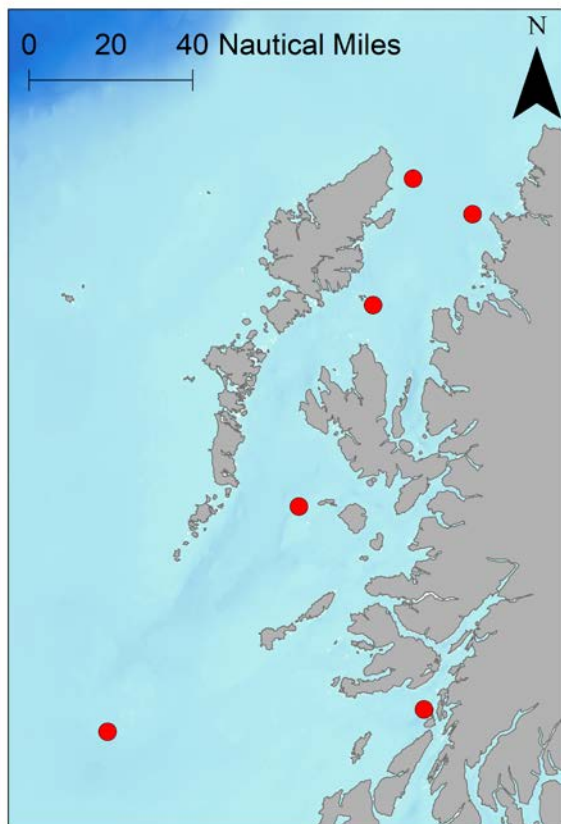


Figure 1: All six COMPASS mooring locations to be retrieved/deployed: Tolsta, Stoer Head, Shiant's Isles, Hyskeir, Stanton banks and Garvellachs.