Not to be cited without prior reference to Marine Scotland, Marine Laboratory, Aberdeen.

MRV Alba na Mara

Survey 2114A

PROGRAMME

20-26 November 2014

Ports

Loading: Fraserburgh, 17 November 2014
Sailing: Fraserburgh, 20 November 2014
Unloading: Fraserburgh, 26 November 2014

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

Personnel:
R Watret
P Stainer
L Williamson (PhD Student)

Project: 20231, 7 days

Gear

Moorings (surface and sub-surface) to be recovered;
BT158 bottom trawl, rock-hopper gear and live capture cod-end.

Objectives

1. To retrieve a series of moorings with attached dhan buoys (maximum of six) or acoustic release systems (maximum of 11) and recording devices as part of the east coast marine mammal monitoring programme.

2. To fish for live demersal fish using the bottom trawl with rock-hopper groundgear and live capture cod-end. This objective is subject to the completion of Objective 1.

Procedure

Fishing gear will be loaded on to *Alba na Mara* on Monday 17 November. Scientific staff will join on 20 November.

The order in which the moorings will be retrieved will be weather dependent and in consultation with the master. The retrieved moorings once aboard will be washed with the power hose. Table 1 and Figure 1 give the names and locations of where the moorings are to be recovered.

Should all moorings be collected before the allocated survey time is complete the *Alba na Mara* will use the remaining time to catch live fish. These will be kept alive and transported to shore as soon as possible after capture. *Alba na Mara* will be unloaded the morning of 26 November.

Normal contacts will be maintained with the Marine Laboratory.

Submitted:
R Watret
11 November 2014

Approved:
I Gibb
11 November 2014

Table 1

Name and geographic position of moorings to be recovered in November 2014.

Name	LocationID	Latitude	Longitude	Lat (deg-minutes)	long (deg-minutes)	Status
Latheron 5	LTR5	58.2693	-3.3182	58° 16.1598 N	3° 19.0914 W	Licenced moorings
Latheron 10	LTR10	58.2294	-3.2064	58° 13.761 N	3° 12.3846 W	Licenced moorings
Latheron 15	LTR15	58.1867	-3.1359	58° 11.2038 N	3° 8.1552 W	Licenced moorings
Helmsdale 5	HLD5	58.0534	-3.7153	58° 3.2022 N	3° 42.915 W	Licenced moorings
Helmsdale 10	HLD10	58.0051	-3.6108	58° 0.3036 N	3° 36.6498 W	Licenced moorings
Helmsdale 15	HLD15	57.9757	-3.5358	57° 58.542 N	3° 32.1498 W	Licenced moorings
Cromarty 5	CRM5	57.6749	-3.9882	57° 40.494 N	3° 59.292 W	Licenced moorings
Cromarty 10	CRM10	57.6892	-3.8818	57° 41.3508 N	3° 52.905 W	Licenced moorings
Cromarty 15	CRM15	57.7067	-3.8107	57° 42.4008 N	3° 48.6426 W	Licenced moorings
Spey Bay 5	SPB5	57.6902	-3.0625	57° 41.4114 N	3° 3.7482 W	Licenced moorings
Spey Bay 15	SPB15	57.7870	-3.0643	57° 47.2182 N	3° 3.8556 W	Licenced moorings
Cruden Bay 5	CRB5	57.3802	-1.8284	57° 22.8114 N	1° 49.7016 W	Licenced moorings
Cruden Bay 10	CRB10	57.3802	-1.7381	57° 22.812 N	1° 44.2854 W	Ammended mooring locations
Cruden Bay 15	CRB15	57.3773	-1.6181	57° 22.6368 N	1° 37.0848 W	Ammended mooring locations
Fraserburgh 15	FRB15	57.8492	-2.0898	57° 50.9514 N	2° 5.388 W	Ammended mooring locations
Fraserburgh 10	FRB10	57.7712	-2.1404	57° 46.269 N	2° 8.4252 W	Ammended mooring locations
Fraserburgh 5	FRB5	57.7113	-2.1301	57° 42.6804 N	2° 7.8072 W	Licenced moorings

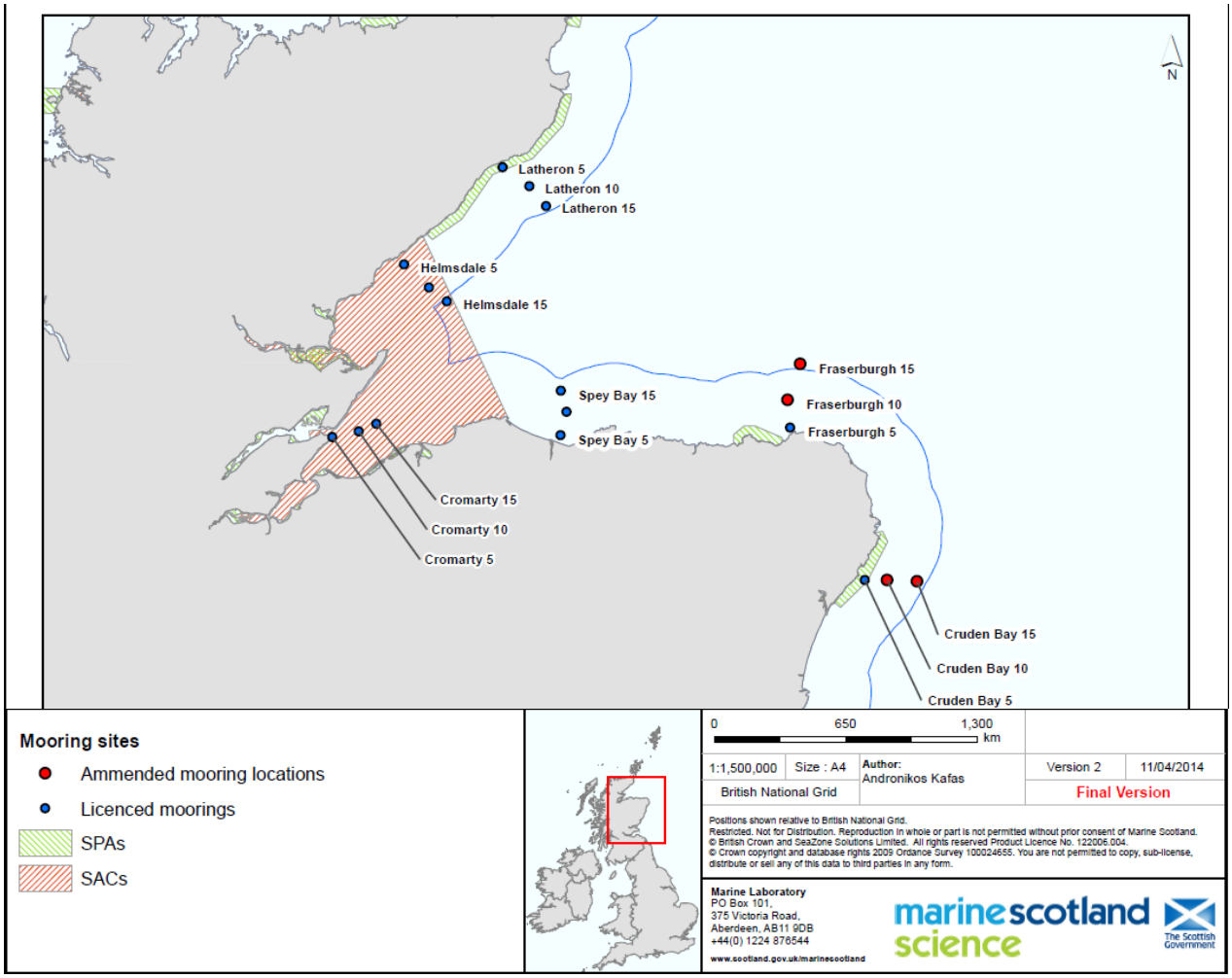

Figure 1: Positions of moorings to be recovered on the east coast during November 2014. Note: Spey Bay 10 will not require collection.