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MRV Alba na Mara

Survey 0714A

PROGRAMME

16 May – 20 May 2014

Ports

Loading: Fraserburgh, 13 May 2014

Sailing: Fraserburgh, 16 May 2014

Unloading: Fraserburgh, 20 May 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 MSS

K. Brookes MSS

A. N. Other MS

Project: 20231, 5 days

Gear: Moorings (surface and sub-surface)

Objectives:

1. To deploy a series of moorings with attached dhan buoys (10 surface), acoustic release systems (21 subsurface) and recording devices as part of the east coast marine mammal monitoring programme.

Procedure:

Scientific equipment will be loaded on to Alba na Mara on Tuesday 13 May. After scientific staff have joined, the vessel will sail from Fraserburgh on the morning of the 16 May.

The order in which the moorings will be deployed will be weather dependent and in consultation with the master.

Accurate mooring position records will be maintained throughout the survey.

Once all moorings have been deployed, Alba na Mara will return to Fraserburgh to unload scientific crew and remaining gear on 20 May.

Normal contacts will be maintained with the Marine Laboratory.

Submitted:
R.Watret
23 April 2014

Approved:
I Gibb
30 April 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 10	SPB10	57.7415	-3.0388	57° 44.4888 N	3° 2.3286 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
Stonehaven 5	STH5	56.9469	-2.1767	56° 56.8164 N	2° 10.6026 W	Licenced moorings
Stonehaven 15	STH15	56.9806	-2.0217	56° 58.8378 N	2° 1.3044 W	Licenced moorings
Stonehaven 10	STH10	56.9594	-2.1134	56° 57.5646 N	2° 6.8028 W	Ammended mooring locations
Arbroath 5	ABR5	56.5540	-2.4833	56° 33.2424 N	2° 28.9986 W	Licenced moorings
Arbroath 10	ABR10	56.4998	-2.3799	56° 29.9874 N	2° 22.7934 W	Licenced moorings
Arbroath 15	ABR15	56.4597	-2.2986	56° 27.5796 N	2° 17.9172 W	Licenced moorings
St Andrews 5	SAR5	56.2650	-2.5721	56° 15.8982 N	2° 34.323 W	Licenced moorings
St Andrews 10	SAR10	56.2579	-2.4993	56° 15.4734 N	2° 29.9586 W	Licenced moorings
St Andrews 15	SAR15	56.2901	-2.4331	56° 17.403 N	2° 25.9836 W	Licenced moorings
St Abbs 5	SAB5	55.9292	-2.1771	55° 55.7514 N	2° 10.626 W	Licenced moorings
St Abbs 10	SAB10	55.9635	-2.1618	55° 57.8088 N	2° 9.7104 W	Licenced moorings
St Abbs 15	SAB15	56.0334	-2.0754	56° 2.001 N	2° 4.5246 W	Licenced moorings
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
Tay	TAY	56.4488	-2.6663	56° 26.9292 N	2° 39.9762 W	Licenced moorings

Table 1: Name and geographic position of all 31 moorings to be deployed in May 2014

East Coast PAM project - Mooring locations

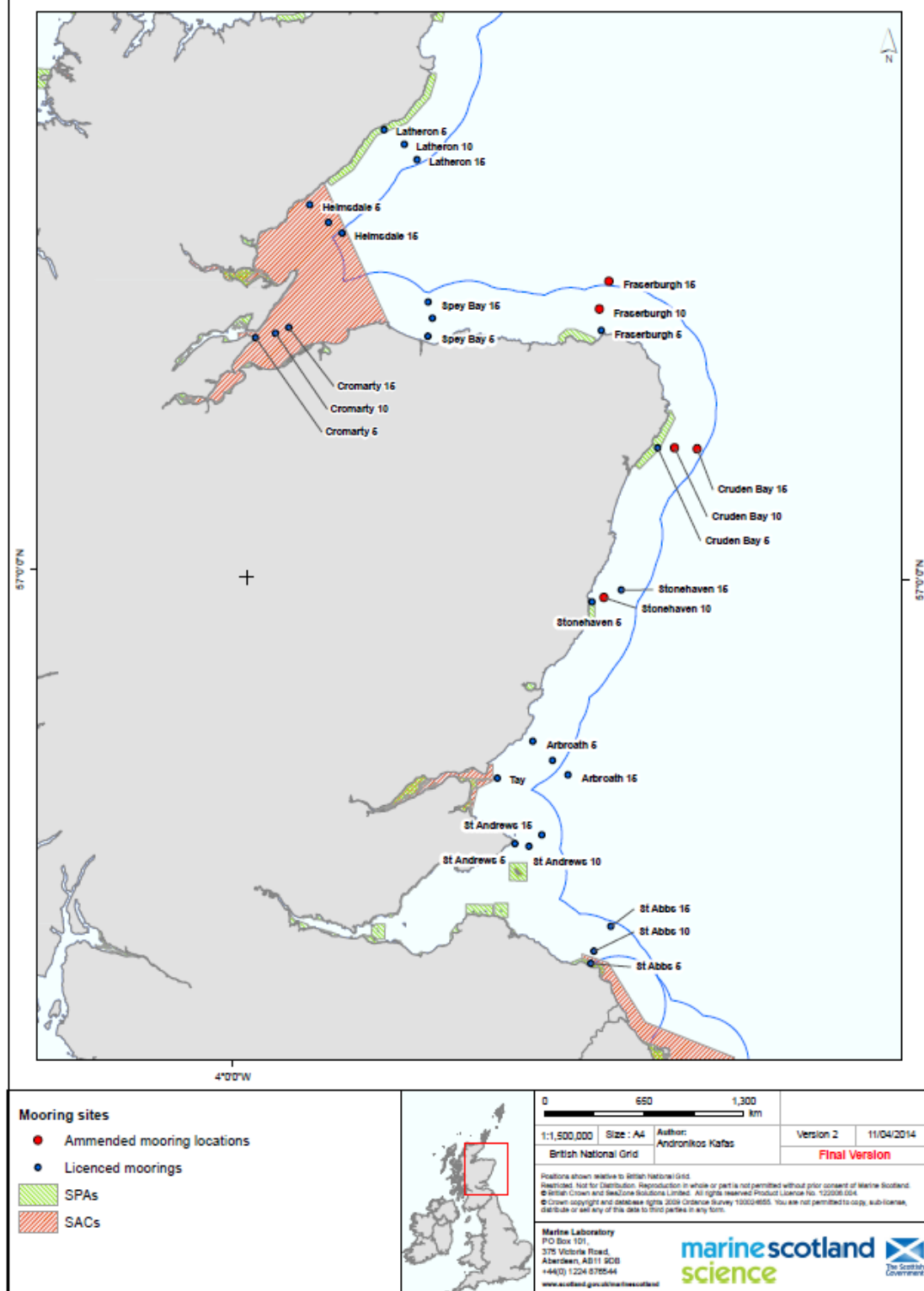


Figure 1: Positions of all 31 moorings to be deployed on the east coast during May 2014.