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MRV Alba na Mara

Survey 2017A

PROGRAMME

18-27 November 2017

Ports

Loading: Fraserburgh, 14 November 2017

Unloading: Leith, 27 November 2017

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

P Stainer

A Tait

R Culloch

R Main (TBC)

Project: 20231, 10 days

Gear: Surface and subsurface PAM moorings

Objectives:

To retrieve a series of moorings comprising dhan buoys (eight surface marked moorings) or acoustic release systems (22 subsurface moorings) and the acoustic recording devices attached to them (30 C-POD and 10 SM2M/SM3M) as part of the east coast marine mammal monitoring programme (see Table 1 and Figure 1).

Procedure:

Alba na Mara will sail from Fraserburgh on the morning of 18 November and make for the first mooring position. The ultimate order in which the moorings are retrieved will be dictated by the weather forecast and the likely shelter that can be provided by the east coast.

Acoustically triggered moorings that may have malfunctioned but can be located by echosounder will be grappled for using the creeping hook attached to the trawl warp.

It may be necessary for *Alba na Mara* to make a partial unloading of retrieved moorings to ensure enough available space on the vessel. If this is the case the vessel will visit the most suitable port depending on her location at the time.

If time allows *Alba na Mara* will attempt to retrieve further moorings in Stonehaven Bay and Aberdeen Bay. R. Main may join the vessel for Aberdeen Bay retrievals which have acoustic release systems and salmon receivers attached to them.

Alba na Mara will dock in Leith by 27 November to unload and allow the scientific crew to disembark and return to Aberdeen.

Normal contacts will be maintained with the Marine Laboratory.

Submitted:

P Stainer
15 November 2017

Approved:

I Gibb
16 November 2017

Location name	Lat (dec deg)	Long (dec deg)	Depth (m)	Mooring type	SM unit
Arbroath 10	56.50	-2.38	56	Sub-surface	Y
Arbroath 15	56.46	-2.30	58	Sub-surface	
Arbroath 5	56.55	-2.48	39	Sub-surface	
Cromarty 10	57.69	-3.88	28	Sub-surface	
Cromarty 15	57.71	-3.81	21	Sub-surface	Y
Cromarty 5	57.67	-3.99	13	Sub-surface	
Cruden Bay 10	57.38	-1.74	75	Sub-surface	
Cruden Bay 15	57.38	-1.62	87	Surface	
Cruden Bay 5	57.38	-1.83	28	Sub-surface	Y
Fraserburgh 10	57.77	-2.14	64	Sub-surface	
Fraserburgh 15	57.85	-2.09	88	Sub-surface	
Fraserburgh 5	57.71	-2.13	44	Sub-surface	Y
Helmsdale 10	58.01	-3.61	50	Surface	
Helmsdale 15	57.98	-3.54	57	Surface	Y
Helmsdale 5	58.05	-3.72	30	Sub-surface	
Latheron 10	58.23	-3.21	62	Surface	
Latheron 15	58.19	-3.14	69	Surface	
Latheron 5	58.27	-3.32	32	Sub-surface	Y
Spey Bay 10	57.74	-3.04	28	Sub-surface	Y
Spey Bay 15	57.79	-3.06	40	Sub-surface	
Spey Bay 5	57.69	-3.06	15	Sub-surface	
St. Andrews 10	56.26	-2.50	49	Sub-surface	Y
St. Andrews 15	56.29	-2.43	55	Surface	
St. Andrews 5	56.26	-2.57	25	Sub-surface	
St.Abbs 10	55.96	-2.16	70	Sub-surface	
St.Abbs 15	56.03	-2.08	65	Sub-surface	
St.Abbs 5	55.93	-2.18	39	Sub-surface	Y
Stonehaven 10	56.96	-2.11	51	Surface	
Stonehaven 15	56.98	-2.02	62	Surface	
Stonehaven 5	56.95	-2.18	35	Sub-surface	Y

Table 1: Name, position, mooring type and use of SM unit or not of all 30 moorings deployed during 1217A.

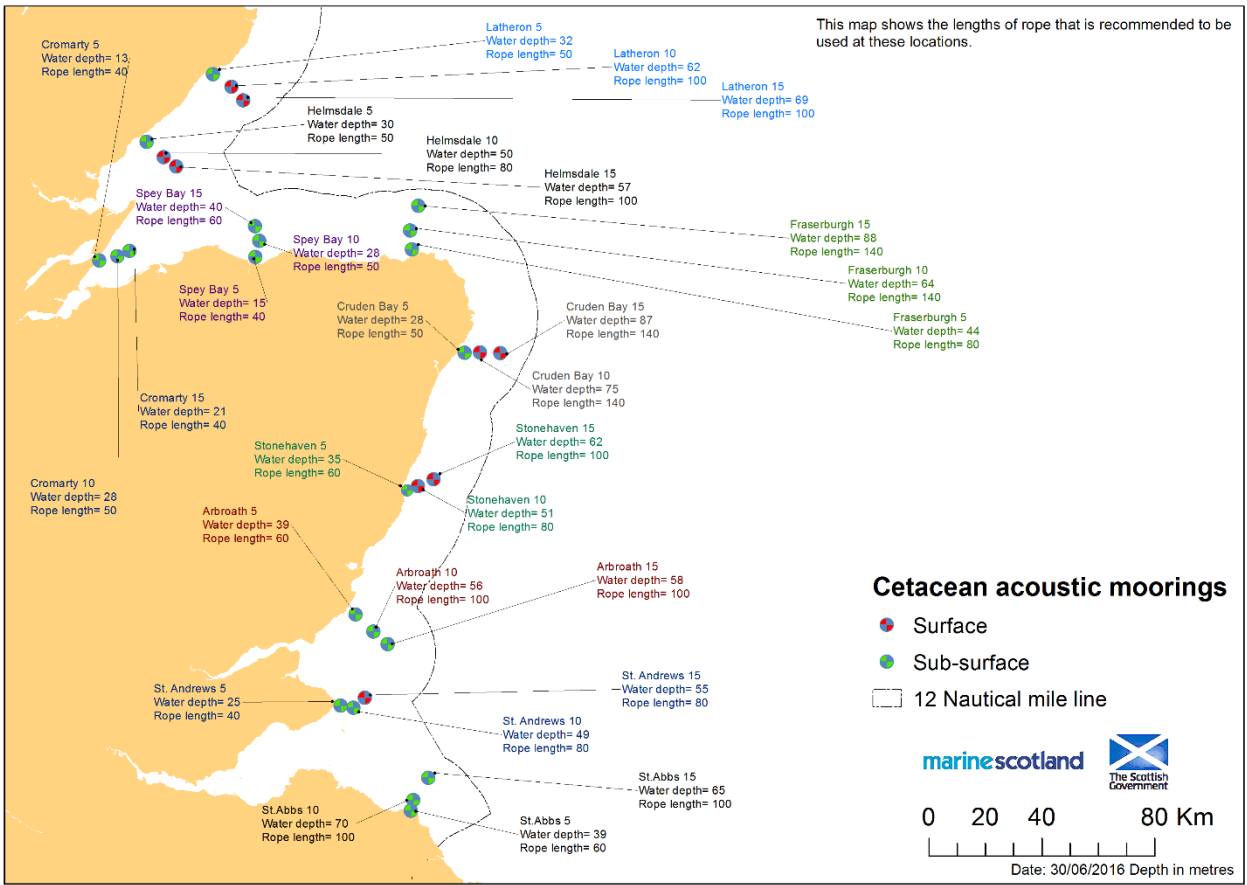


Figure 1: Positions of all 30 moorings, with depth in metres and type of mooring to be retrieved during 2017A.