



**Darwin Initiative Main/Post/D+ Project  
Half Year Report  
(due 31<sup>st</sup> October 2018)**

<b>Project reference</b>	DPLUS071
<b>Project title</b>	Fine scaling the design of Falkland Islands Marine Management Areas
<b>Country(ies)/territory(ies)</b>	Falkland Islands
<b>Lead organisation</b>	South Atlantic Environmental Research Institute, South Atlantic Environmental Research Institute
<b>Partner(s)</b>	Falkland Islands Government Fisheries Department Directorate of Natural Resources Directorate of Mineral Resources Shallow Marine Surveys Group (SMSG) British Antarctic Survey
<b>Project leader</b>	Dr Paul Brickle (Project Manager Dr Ander De Lecea).
<b>Report date and number (e.g., HYR3)</b>	31st October 2018 HYR1
<b>Project website/blog/social media etc.</b>	<a href="https://www.south-atlantic-research.org/research/marine-science/fine-scaling-the-design-of-falkland-islands-marine-management-areas/">https://www.south-atlantic-research.org/research/marine-science/fine-scaling-the-design-of-falkland-islands-marine-management-areas/</a> @SAERI_FI

**1. Outline progress over the last 6 months (April – Sept) against the agreed baseline timetable for the project (if your project has started less than 6 months ago, please report on the period since start up to end September).**

**1. Project Management structure, monitoring, evaluation and communications tools established**

*1.1 A Memorandum of Understanding (MoU) agreed and signed by all partners by May 2018*

All the necessary paperwork, e.g. risk assessment, licence permits applications, MoU's, Monitoring and Evaluation document etc. are complete and are at different stages of approval. The MoU with the different partners should be signed after the first Project Management Group meeting on the 2<sup>nd</sup> November (see point 1.3 for further details).

*1.2 Project Manager recruited by August 2018*

The initial stages of this project involved the process of recruiting a suitable candidate to manage the project and funding. In addition to hiring a new Project Manager (PM), a call was also made to hire a Field scientist (FS) to assist the former with the project. Both positions were advertised in mid-May 2018 closing on the 22<sup>nd</sup> June 2018. The Project Manager, Dr Ander De Lecea, started on 1<sup>st</sup> October. The FS, Dr Marina Costa, commenced her appointment on the 22<sup>nd</sup> of October.

### 1.3 A Project Management Group (PMG) meeting held every 3 months starting May 2018

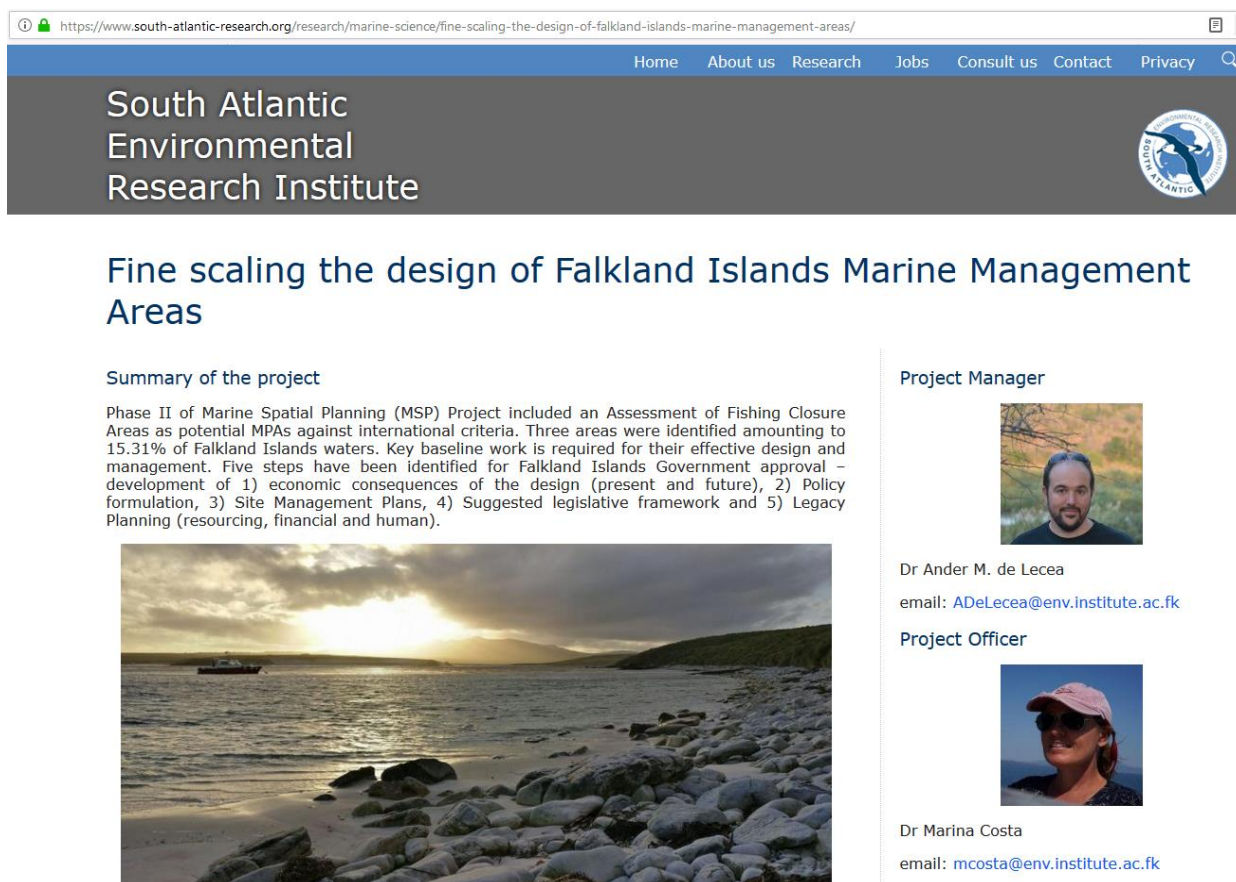
Due to the time of the recruitment of the PM and the availability of some of the participants, the first Project Management Group (PMG) will only meet after this report has been submitted. The first meeting has been scheduled for the 2<sup>nd</sup> November. However there has been regular contact with project partners some of whom formed part of the recruitment panel.

### 1.4 A Project Stakeholders group (PSG) meeting held every 6 months starting May 2018

The first Project Stakeholder Meeting (PSG) will follow the first PMG meeting. Although the first meetings with these groups have been delayed, the PM does not foresee, at this stage, any major interruptions related to this delay.

### 1.5 At least 1 project webpage created by April 2018, and at least 1 update to the page made every 3 months.

The web page has been created and information will be added as the project advances.



The screenshot shows a web browser displaying the project webpage. The URL is <https://www.south-atlantic-research.org/research/marine-science/fine-scaling-the-design-of-falkland-islands-marine-management-areas/>. The page header includes navigation links: Home, About us, Research, Jobs, Consult us, Contact, Privacy. The main header features the text 'South Atlantic Environmental Research Institute' and the organization's logo. The main heading is 'Fine scaling the design of Falkland Islands Marine Management Areas'. Below this is a 'Summary of the project' section with a paragraph of text. To the right, there are two profile cards: one for 'Project Manager' Dr. Ander M. de Lecea and one for 'Project Officer' Dr. Marina Costa. At the bottom left of the webpage content, there is a photograph of a rocky coastline at sunset.

Summary of the project

Phase II of Marine Spatial Planning (MSP) Project included an Assessment of Fishing Closure Areas as potential MPAs against international criteria. Three areas were identified amounting to 15.31% of Falkland Islands waters. Key baseline work is required for their effective design and management. Five steps have been identified for Falkland Islands Government approval – development of 1) economic consequences of the design (present and future), 2) Policy formulation, 3) Site Management Plans, 4) Suggested legislative framework and 5) Legacy Planning (resourcing, financial and human).

Project Manager

Dr Ander M. de Lecea  
email: [ADeLecea@env.institute.ac.fk](mailto:ADeLecea@env.institute.ac.fk)

Project Officer

Dr Marina Costa  
email: [mcosta@env.institute.ac.fk](mailto:mcosta@env.institute.ac.fk)

Figure 1 New Marine Management Area project web page

### 1.6 1 Monitoring and evaluation plan created by October 2018

Completed, waiting final internal sign off.

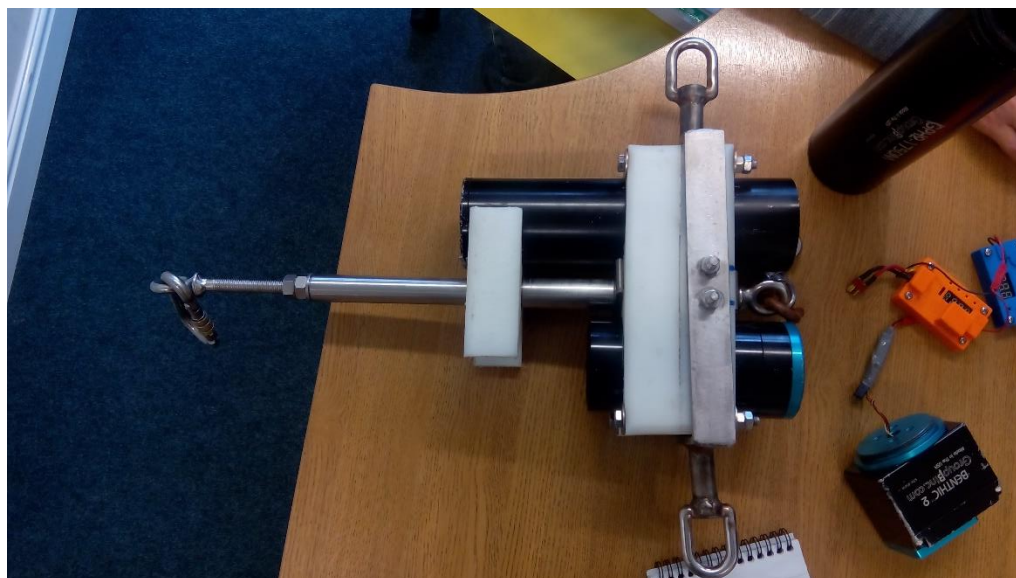
### Work-Package 1-Data Collection Inshore

The PM has had several meetings with SAERI management as well as with some relevant stakeholders on the island. Some of those meetings with management were conducted in order to bring the PM up to speed with previous work done on the island related to this project, as well as helping him familiarise himself to the local environment.

*2.1 x (2) of inshore sites identified for inshore benthic data collection (small boat dive, drop down camera, multibeam) Y1 Q4, Y2 Q3*

Both members of the team have started the task of collating existing data, data that along with new data, is going to provide an evidence base for MMA's. However, at an initial stage, this data will also help to identify the inshore benthic sites.

For the inshore survey work, the PM identified and purchased a specialised underwater camera that will be extremely valuable for the inshore survey. This camera will be attached to a stainless steel frame, for which there are already arrangements made for its construction on the island. In addition, other essential equipment has been purchased and other equipment is being explored to increase the output of the study. In addition, the PM and a member of the PMG have visited vessels that will potentially be used for the inshore survey part of the project.



*Figure 2 Example of camera used in the Falkland Fisheries Department - asimilar model to the one purchased for this project*

**Work-Package 2-Data Collection Southern MMA and Burdwood Bank**

*3.1 x (1) Research cruise organisation for the Burdwood Back in Y1 Q3*

In preparation for the delivery of this activity in the next quarter, both PM and FS have completed the necessary sea survival training in order to join the *RRS James Clark Ross* on its voyage to the Burdwood Bank this austral summer (December 2019). Furthermore, both staff will receive First Aid training in mid-November, which will be advantageous not only on this cruise, but for the inshore work.

The cruise plan for the sampling period on the Burdwood Bank has already been designed (Fig. 1) and it is being considered by the British Antarctic Survey (BAS) team, who have indicated that they are content with the sailing plan on the Burdwood Bank. The PM has also held meetings with the partners from BAS for this project in order to discuss maximising the output

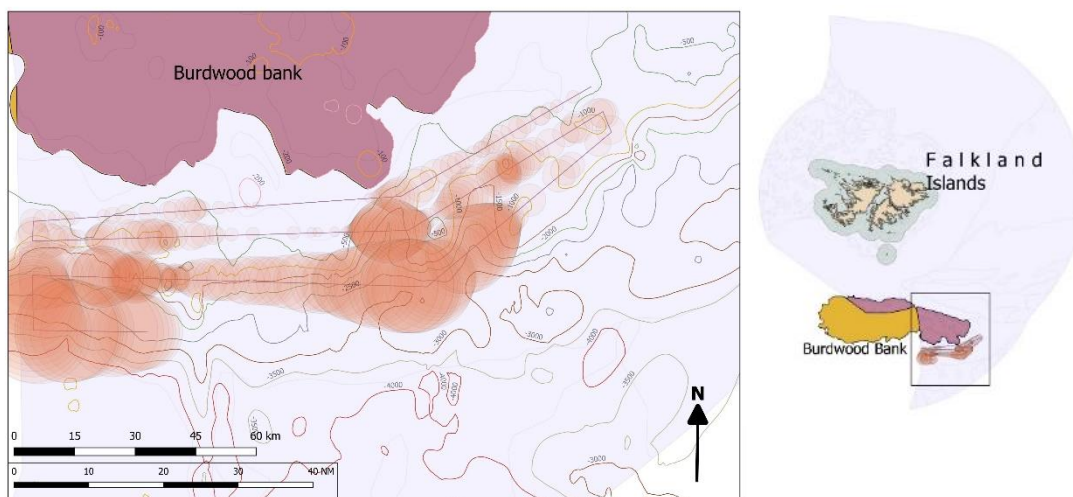


Figure 3 Planned multibeam data collection to the South of the Burdwood Bank, showing the potential multibeam swath along the path of the ship.

of the work conducted on the Burdwood bank.

### 3.2 x (1) Research cruise undertaken by Y1 Q3

The first cruise on board of the *RRS James Clark Rose* is happening within the identified quarter of the year. This cruise will allow us to 1) map the Burdwood bank and 2) collect organisms for further study.

### 2a. Give details of any notable problems or unexpected developments/lessons learnt that the project has encountered over the last 6 months. Explain what impact these could have on the project and whether the changes will affect the budget and timetable of project activities.

Currently the project has only encountered small problems, although these might result in some delays, the majority of these are not notable and we still anticipate that most activities will be able to be delivered within the years outlined in the original timetable.

The small problems encountered that aren't notable and are unlikely to have an impact on the original timetable are:

- Delay organising the first PMG meeting and consequently the first PSG meeting.
- Stainless steel for the underwater camera frame will have to be shipped in from Montevideo, which could cause some delay for the inshore work.
- The underwater camera on board of the *RRS James Clark Rose* is not currently working. This will mean that we will collect less data than previously expected from the

bank in this season. However, it should be working by the time the second cruise is organised.

- RRS James Clark Rose will sail in December instead of November 2018.

The unexpected development that is likely to have an impact that will affect the budget and timetable is outlined below:

- We originally predicted only one expedition on board of the *RRS James Clark Rose* in the 3<sup>rd</sup> quarter of the first year. However, due to time constraints from BAS, our shipping time has had to be split in two, one this season (December 2018) and another one next season (November 2019). This means that some of the offshore data is unlikely to be collated in the anticipated timeframe.

**2b. Have any of these issues been discussed with LTS International and if so, have changes been made to the original agreement?**

Discussed with LTS: No

Formal change request submitted: No

Received confirmation of change acceptance Yes/No

**3a. Do you currently expect to have any significant (e.g., more than £5,000) underspend in your budget for this year?**

Yes  No  Estimated underspend: £ not yet quantified – see below

**3b. If yes, then you need to consider your project budget needs carefully.** Please remember that any funds agreed for this financial year are only available to the project in this financial year.

If you anticipate a significant underspend because of justifiable changes within the project, please submit a rebudget Change Request as soon as possible. There is no guarantee that Defra will agree a rebudget so please ensure you have enough time to make appropriate changes if necessary.

- As mentioned in section 2a, we originally predicted only one expedition on board of the *RRS James Clark Rose* in the 3<sup>rd</sup> quarter of the first year. However, due to time constraints from BAS, our shipping time has had to be split in two, one this season (December 2018) and another one next season (November 2019).
- This will have budgetary and timetabling implications, we are in the process of confirming the exact times, dates and changes that will be required to accommodate this and will submit a change request as required by Darwin as soon as all of this is certain.

**4. Are there any other issues you wish to raise relating to the project or to Darwin's management, monitoring, or financial procedures?**

N/A

If you were asked to provide a response to this year's annual report review with your next half year report, please attach your response to this document. Additionally, if you were funded under R24 and asked to provide further information by your first half year report, please attach your response as a separate document.

Please note: Any planned modifications to your project schedule/workplan can be discussed in this report but **should also** be raised with LTS International through a Change Request.

Please send your **completed report by email** to Eilidh Young at [Darwin-Projects@ltsi.co.uk](mailto:Darwin-Projects@ltsi.co.uk) . The report should be between 2-3 pages maximum. **Please state your project reference number in the header of your email message e.g. Subject: 22-035 Darwin Half Year Report**