



Proposed eight-grid seaweed farm in Loch Snizort, Isle of Skye

Appendix 3 - Loch Snizort Emergency Response Plan including Draft Marine Emergency Action Card (MEAC)

CONTENTS

1	INTRODUCTION	3
2	MONITORING	3
3	EMERGENCY SCENARIOS AND RESPONSE.....	3
3.1	VESSEL STRANDING.....	3
3.2	CETACEAN ENTANGLEMENT	3
3.3	LOSS OF INFRASTRUCTURE / GEAR	4
3.4	STORM DAMAGE / LOSS OF STRUCTURAL INTEGRITY	4
3.5	EMERGENCY CONTACT DETAILS.....	4

1 Introduction

- 1.1.1 A final Marine Emergency Action Card (MEAC) would be produced under Licence conditions should a Licence be granted and this would be issued to the Maritime Coastguard Agency based on the required template. The final MEAC will also be submitted to all relevant statutory consultees and stakeholders. This Emergency Response Plan includes wider details on how the site will be monitored and the key contacts.

2 Monitoring

- 2.1.1 Regular monitoring of seaweed growth will be done via visits to the sea farm by small vessels. These visits will also act as means of checking the integrity of the sea farm structure, floats and Growing Lines. Samples of seaweed will be taken and the quality tested. Visits are expected weekly with a record kept of monitoring visits. Visits would be undertaken ahead of reported storm systems to ensure infrastructure is secure and robust as well as after an event to check for damage.
- 2.1.2 The infrastructure will be marked with Kaly's details to enable identification of farm infrastructure and ensure the farm is not responsible for 'ghost gear' which can cause a risk to other vessels, marine users and cetaceans and other wildlife. Kaly are committed to maintaining a clean loch system and will remove marine litter when it is found during operational monitoring.
- 2.1.3 The seaweed farm is visible from the shore and Kaly would also ensure regular monitoring from land using binoculars to check there are no obvious issues on the surface of the farm that would indicate an issue.

3 Emergency Scenarios and Response

3.1 Vessel Stranding

- 3.1.1 In the event of a vessel entering the seaweed farm exclusion zone and colliding with the farm structure, 999 should firstly be called, and the coastguard / RNLI informed. Kaly would also be contacted via the details given in the MEAC so that the farm structure can be checked and any repairs / collection of debris carried out.

3.2 Cetacean Entanglement

- 3.2.1 Kaly Group and their team are based in NW Skye and the site will be actively monitored during operations to quickly respond to an emergency related to a cetacean entanglement. The risk of entanglement is reduced through the site design and taught grid and growing lines.
- 3.2.2 In the event of a cetacean becoming entangled with the lines, the British Divers Rescue Hotline will be called on 01825 765546.
- 3.2.3 Kaly are keen to support the local Skye and Lochalsh Area Coordinators by undertaking appropriate training to enable them to assist as volunteers with British Divers Marine Life Rescue should this be an option. We will make contact with the local BDMLR team (skyeandlochalsh@bdmlr.org.uk) to discuss specifics around the seaweed farm design and

ensure they have a copy of the grid structure drawings as a precaution to assist with rescue and release.

3.3 Loss of Infrastructure / Gear

3.3.1 In the unlikely event that components of the seaweed farm become detached from the seaweed farm structure, this would be noted during the regular monitoring. If any of the components such as floats become dislodged and found by other marine users, Kaly can be notified through the contact details so that the component can be recovered and replaced. As above, floats will be marked with contact information for Kaly so it can be easily identified and retrieved.

3.4 Storm damage / Loss of Structural Integrity

3.4.1 The farm will be regularly monitored and also checked ahead of anticipated storm events and immediately after when it is safe to do so.

3.4.2 The design of the Seaweed Farm is such that multiple anchor lines hold the structure in place and the loss of several of these lines would not degrade the integrity of the Farm.

3.4.3 In the unlikely event of damaged infrastructure or the farm moves from its anchors , the coastguard should be notified immediately on 999 so that information can be shared with other marine users. Kaly would be notified and emergency repairs to the structure will be immediately completed. Local vessels would be used in the event of an emergency with and ropes, floats and other spare equipment held in preparation for repair and replacement at a centralised Kaly location.

3.5 Emergency Contact Details

3.5.1 Kaly Group and their team are based in NW Skye and there are a number of key contacts that will provide monitoring and oversight of the operations. The emergency contact for the site is Iain Matheson. Iain brings extensive experience from working off-shore in the oil and gas industry followed by a period working on some of the biggest offshore renewable energy projects in the world. In addition to work with Kaly, Iain operates his local business venture fishing for lobster and shellfish.

Iain Matheson	Kaly Marine Coordinator	+447956968974
		+447483829675

MARINE EMERGENCY ACTION CARD

For Kaly – Loch Snizort Seaweed Farm

Kaly Group Ltd are seeking to secure a Marine Licence for the development of a seaweed farm at Loch Snizort, Isle of Skye. The details for the deployment are as follows:

57°32'22.9"N, 6°23'45.6"W > special mark

57°31'54.8"N, 6°22'55.9"W > special mark

Emergency Contact

One of the following or a combination of both, must be 24/7

Duty Holder name	Iain Matheson
Primary number	+44 7956 968 974
Secondary number	+44 7483 829 675
Media relations (if applicable)	n/a
Coastguard	999
Police	999

Insert a picture/drawing of the device

See attached photograph of Special Marks and specification of light below

Development location	
Range & Bearing from land	800m southwest of Cuidrach 5km north east of Greshornish
Dimensions of the area	8 x 200m x 100m
Number of devices	2 Special Marks

Device Specific information (*adapt to suit the device*)

Heights/depths (m and ft)		Lights / Markings	
Height above sea level	Focal height of light 2420mm	Lights	2 x Y F15
Depth below surface	1.2m	Marks	Yellow
Height above seabed	15m OD		

SPECIAL MARK



<p>Details of regular maintenance activities - The seaweed farm will be regularly inspected by certified mooring specialists. The site will be checked weekly by farm operatives accessed by vessel and more frequently following storms.</p>	<p>It is anticipated there will be c. 5 seaweed farm operatives. Operatives will be given appropriate training for individual roles and responsibilities.</p>
---	---

<p>Details of vessels operating to/from the development – include name, callsign, description, communications (e.g. channels used), number of crew, operating limits, etc.</p> <p>At each site, Kaly will be entering into a management contract with local fishermen who will be undertaking the work to run and manage the seaweed farm, using their own vessels. As such, this form will be updated as staff and vessels are assigned to the work.</p>

Personal SAR Locating Device Make & Model				
Functions: yes/no	COSPAS-SARSAT	AIS	DSC	121.5MHz
	n/a	n/a	n/a	n/a

<p>Additional information pertinent to the development</p> <p>This form will be updated as staff and vessels are assigned to the work.</p>
--