Mainland to Mull Route Survey

XOCEAN Notice to Mariners

Date of Issue:

- Original issue: 3 August 2026
- Rev04: 17 August 2026
- Rev05: 9 September 2026
- Rev06: 25 September 2026
- Rev07: 16 October 2026
- Rev08: 19 October 2026
- Rev09: 22 October 2026
- Rev10: 06 November 2026
- Rev11: 20 November 2026

Survey Activities: XOCEAN is planning the collection of geophysical data using remotely piloted Uncrewed Surface Vessels (USVs) along a proposed cable route corridor from the Scottish Mainland to the Isle of Mull. The USVs are expected to operate out of Oban for the full survey duration. The survey will commence with USVs with hull mounted survey Multibeam Echosounders and Sub Bottom Profiler's (SBP), as well as a towed Sidescan Sonar (SSS) and Magnetometer. A crewed Support Vessel will be chartered throughout the survey to support the USVs with departures and arrivals from Ardentallen and assist in towing them back in if a technical issue occurs.

Dates/Duration: Operations commenced on 13 August 2026. It is now expected that survey activities shall be completed by the 30th November 2026 (subject to weather).

Legal Notice

Please be advised that this Notice to Mariners should be treated as official notice of the nature, duration and location of the works which are scheduled to take place. During the period of this notice, we request that you plan your activities around our short-term, temporary activities.

Any failure to remove equipment where this has been requested, or entry into the identified location in a manner that would constitute a hazard may be a breach of your duties of safe seamanship as described in the Convention on International Regulations for Preventing Collisions at Sea 1972 and/or the Merchant Shipping Act 1995, and may result in removal of the relevant equipment. Failure to remove equipment, where this has been requested, or entry into the identified location in a manner that would constitute a hazard may constitute a breach of duty of care at common law, and a failure to protect submarine cables for successful seabed user co-existence under Scotland's National Marine Plan.

SHEPD shall found on this notice in the event of any damage, loss or disruption arising from failure to heed the information herein.

Survey Area: Figure 1 below shows the operational area for the survey works. Coordinates for this area are given in Table 1 below.

Fishing Gear Clearance: **If mariners believe our operations will interact with their activities, then they should get in touch via the FIR/FLO**

Figure 1: Overall Survey Area

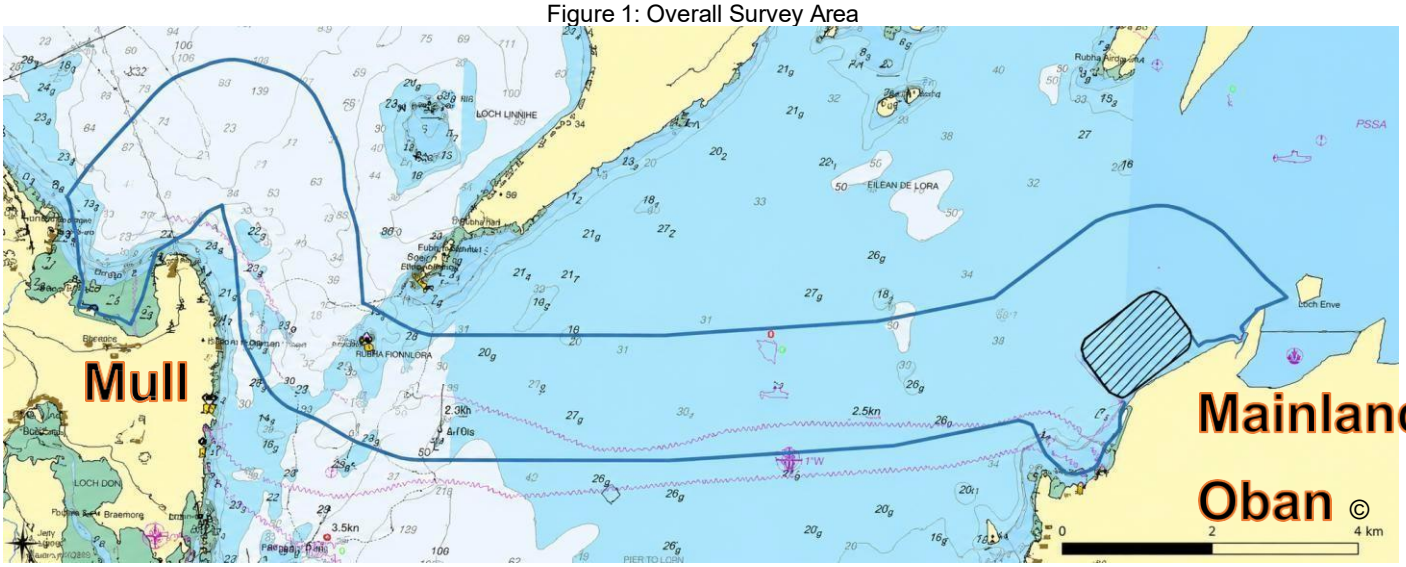


Table 1: Operational area coordinates (WGS84)

Lat	Long
56°28.487′N	5°39.595′W
56°28.530′N	5°39.514′W
56°27.777′N	5°40.633′W
56°28.009′N	5°40.336′W
56°28.690′N	5°38.897′W
56°28.703′N	5°38.743′W
56°28.583′N	5°39.374′W
56°28.672′N	5°38.997′W
56°27.190′N	5°40.373′W
56°27.238′N	5°40.393′W
56°27.083′N	5°40.201′W
56°27.084′N	5°40.426′W
56°27.624′N	5°40.554′W
56°27.726′N	5°40.585′W
56°27.280′N	5°40.436′W
56°27.545′N	5°40.502′W
56°27.417′N	5°39.578′W
56°27.156′N	5°39.681′W
56°27.533′N	5°39.308′W
56°27.464′N	5°39.507′W
56°27.008′N	5°40.059′W
56°27.028′N	5°40.209′W
56°26.964′N	5°39.820′W
56°26.999′N	5°39.925′W
56°27.725′N	5°38.782′W
56°27.763′N	5°38.793′W
56°27.712′N	5°38.968′W

56°27.570′N	5°39.177′W
56°27.974′N	5°27.862′W
56°27.984′N	5°27.756′W
56°27.901′N	5°28.349′W
56°27.920′N	5°28.250′W
56°27.952′N	5°27.388′W
56°27.865′N	5°27.046′W
56°27.986′N	5°27.648′W
56°27.972′N	5°27.490′W
56°26.970′N	5°36.315′W
56°27.026′N	5°33.510′W
56°27.125′N	5°36.932′W
56°27.013′N	5°36.559′W
56°27.843′N	5°28.529′W
56°27.875′N	5°28.443′W
56°27.168′N	5°31.003′W
56°27.350′N	5°29.631′W
56°28.096′N	5°37.394′W
56°28.045′N	5°37.378′W
56°28.193′N	5°37.459′W
56°28.146′N	5°37.422′W
56°27.629′N	5°37.186′W
56°27.158′N	5°37.087′W
56°27.892′N	5°37.349′W
56°27.691′N	5°37.216′W
56°28.638′N	5°38.158′W
56°28.620′N	5°38.062′W
56°28.701′N	5°38.638′W
56°28.691′N	5°38.535′W
56°28.483′N	5°37.747′W
56°28.436′N	5°37.692′W
56°28.581′N	5°37.928′W
56°28.546′N	5°37.848′W
56°27.416′N	5°27.826′W
56°27.399′N	5°27.878′W
56°27.420′N	5°27.706′W
56°27.423′N	5°27.766′W
56°27.026′N	5°28.569′W
56°26.964′N	5°28.525′W
56°27.103′N	5°28.519′W
56°27.060′N	5°28.563′W
56°27.085′N	5°27.186′W
56°27.135′N	5°27.282′W
56°27.123′N	5°27.048′W

56°27.110′N	5°27.139′W
56°27.384′N	5°27.604′W
56°27.407′N	5°27.650′W
56°27.168′N	5°27.295′W
56°27.197′N	5°27.326′W
56°27.121′N	5°26.671′W
56°27.107′N	5°26.721′W
56°27.173′N	5°26.613′W
56°27.152′N	5°26.629′W
56°27.157′N	5°26.831′W
56°27.129′N	5°26.964′W
56°27.123′N	5°26.733′W
56°27.155′N	5°26.780′W
56°27.533′N	5°26.416′W
56°27.423′N	5°26.165′W
56°27.837′N	5°26.972′W
56°27.804′N	5°26.904′W
56°27.216′N	5°26.703′W
56°27.187′N	5°26.678′W
56°27.346′N	5°26.477′W
56°27.264′N	5°26.636′W
56°26.876′N	5°38.470′W
56°26.928′N	5°38.502′W
56°26.588′N	5°38.172′W
56°26.826′N	5°38.427′W
56°27.661′N	5°38.751′W
56°26.983′N	5°38.521′W
56°27.459′N	5°38.617′W
56°26.254′N	5°37.068′W
56°26.273′N	5°37.154′W
56°26.168′N	5°36.557′W
56°26.179′N	5°36.637′W
56°26.505′N	5°38.023′W
56°26.552′N	5°38.118′W
56°26.391′N	5°37.550′W
56°26.468′N	5°37.915′W
56°26.536′N	5°29.122′W
56°26.549′N	5°29.166′W
56°26.220′N	5°28.683′W
56°26.355′N	5°28.961′W
56°26.220′N	5°33.385′W
56°26.160′N	5°36.433′W
56°26.564′N	5°29.290′W
56°26.369′N	5°30.775′W

56°26.635'N	5°28.094'W
56°26.541'N	5°28.092'W
56°26.777'N	5°28.245'W
56°26.712'N	5°28.036'W
56°26.291'N	5°28.346'W
56°26.232'N	5°28.499'W
56°26.508'N	5°28.113'W
56°26.422'N	5°28.249'W

The details of the Uncrewed Surface Vessels (USVs) that will operate on the survey are shown below. It is expected that no more than 2 USVs will be operational at any one time.

Table 2: USVs with Hull Mounted Sensors

AIS Name:	**X-06 UNCREWED**	**X-16 UNCREWED**	**X-05 UNCREWED**	**X-28 UNCREWED**	**X 23 UNCREWED**	**X 17 UNCREWED**
MMSI:	232025477	232039413	232059837	232053988	232044015	232039414
Callsign:	232025477	232039413	232059837	232053988	MMIM8	MKMB4
Length:	4.5m	4.5m	4.5m	4.5m	4.5m	4.5m
Beam:	2.2m	2.2m	2.2m	2.2m	2.2m	2.2m
Speed:	3.5kts	3.5kts	3.5kts	3.5kts	3.5kts	3.5kts
Draught:	1.5m	1.5m	1.5m	1.5m	1.5m	1.5m
Tonnage:	1.1Tn	1.1Tn	1.1Tn	1.1Tn	1.1Tn	1.1Tn

Situational Awareness: Although the USVs are uncrewed, they are remotely piloted throughout the 24-hour operation. The USV sends real time images and situational awareness data over satellite to allow this monitoring. The situational awareness aids available are listed below.



Figure 2: USV with hull mounted sensors

Safety Precautions: The USV is equipped with the following to make it conspicuous to other marine traffic:

- AIS
- VHF
- Navigation Lights & Sound Signals
- Active Radar Reflector

Exclusion Area / Closest Point of Approach: Seafarers are kindly asked to always provide a clearance of >500m from the USVS when they are in operation.

S**upport Vessels:** The USV operations will be supported by 1 of 2 crewed Support Vessel, **Hyskeir** & **Power of Scotland** owned and operated by Coastal Connections and based in Oban

	Hyskeir	***Power Of Scotland***
MMSI:	235102518	235068798
Callsign:	2HCO5	2BRW8
Length:	11m	11.1m
Beam:	4m	3m



Figure 3 Hyskeir



Figure 4 Power Of Scotland

XOCEAN Marine & Operations Contact Details:

Name & Role	Mobile Number	Email Address
XOC Lead Fleet Shift Lead (continually rostered)	+353 1 223 9950	XOC@xocean.com
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Stephen Leydon Marine Superintendent	+353 1 223 9955	stephen.leydon@xocean.com
Clodagh Cunningham Programme Manager	+353 87 676 8806	clodagh.cunningham@xocean.com

Fishing Liaison Officers:

Fishing liaison for the operations will be co-ordinated by Blackhall and Powis. For any commercial fishery queries please contact the Fishing Liaison Officers (FLOs):

Name	Contact Number	Email
Douglas Brander (FLO)	07307 195830	Douglas.Brander@blackhallpowis.com
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