

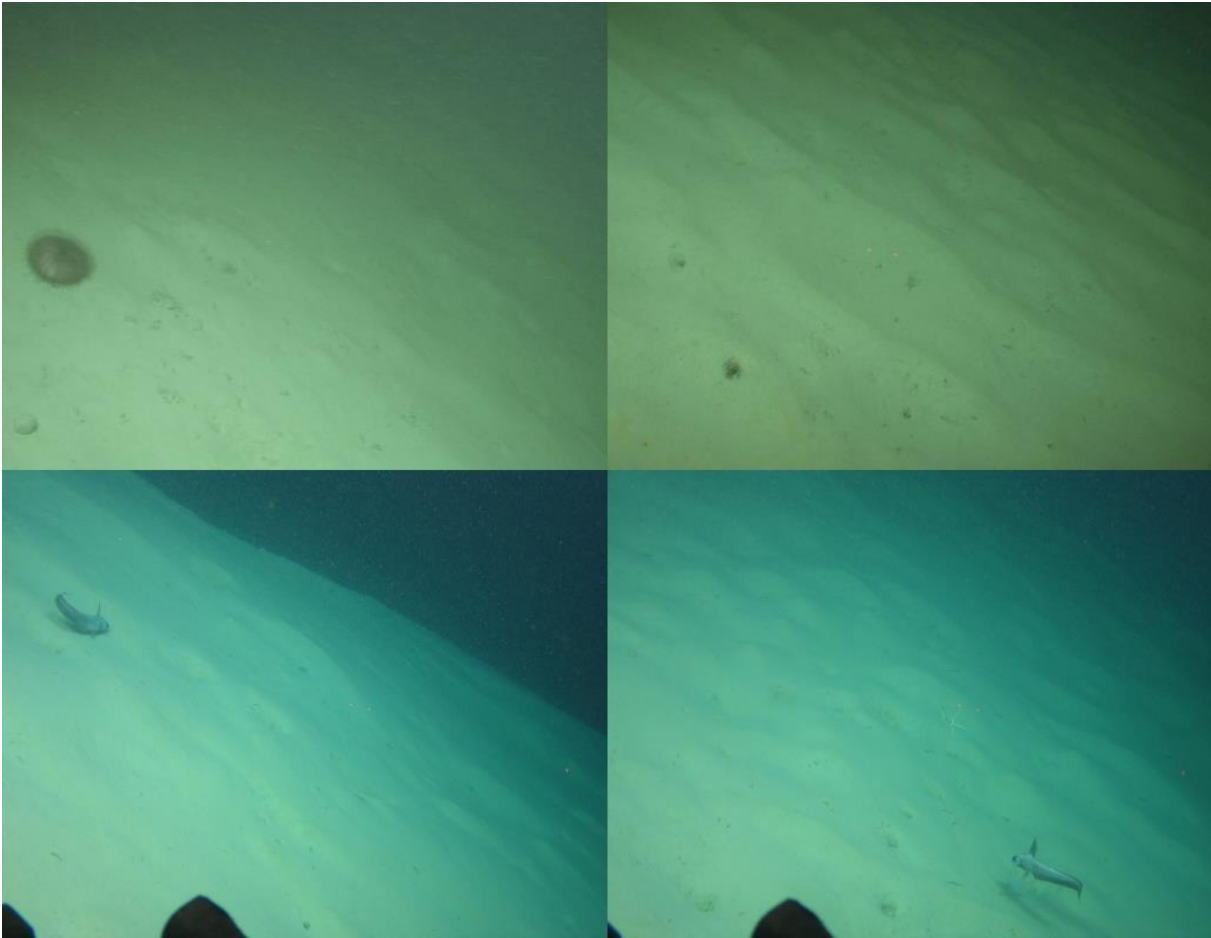
DIVE SUMMARY	
DIVE # 648	TRANSECT # 37

	Start	End
Date & Time	03/08/2019 12:54:32	03/08/2019 14:40:41
Latitude/ Longitude	48.393438/ -10.035312	48.3987037/ -10.03230217
Depth	-2886.28	-2742.29
Images	IMG_7229.jpg - IMG_7274.jpg	
Samples	n/a	

Location	Whittard canyon
Target Features	Depth, Spatial coverage
Depth Range	-2924m



(Images representative of major biotopes, species, and sediments encountered throughout the transect)



Top L. Muddy slope with sparse epifauna including polychaetes burrows. *Hygrosoma* sp. photographed in picture (M.AtUA.Mu.InfPol).

Top R. Rippled mud on steep slope with few sparse epifauna encountered (M.AtUA.Mu).

Bottom L. Mud slope with sparse epifauna. Grenadier (*Coryphaenoides rupestris*) photographed in picture (M.AtUA.Mu).

Bottom R. Mud slope with sparse epifauna. Grenadier (*Coryphaenoides rupestris*) photographed in picture (M.AtUA.Mu).

Summary Description (habitat transitions noted)

START OF HD VIDEO AT 12:54:31/0m. Mainly mud veneered wall and rippled sand sediment on downward slope with mix sparse and scarce epifauna as well as frequent burrows and foraminifera.
[1] Dive starts on very steep/vertical wall with mud veneered. Sparse and scarce epifauna. Mainly foraminifera and polychaetes in mud. At times, animal tracks observed. 28m The ROV hovers on the ground/edge of the cliff for imagery. 37m Mud/rippled sand sediment on steep downward slope. 39m Inclined slope, ROV moves upwards. Still sparse and scarce epifauna. Burrows often encountered. 01h25m [2] Scattered Radicipes sp recorded. 01h36m [3] Here no dominant species is observed. Biotope is still mud with sparse epifauna encountered. Long telecommunication cable encountered lying on the sea bed. 01h46m The ROV ready to leave the seafloor to avoid entanglement with the cable. **END OF HD VIDEO AT 14:40:41/01h51m.**

Physical Data

Reef (types can be concurrent)	0%	n/a	
		n/a	n/a
			n/a
Substrates	- Mud		
Geomorphology/Features	- Steep slope, vertical wall		
Annex 1 Types	n/a		
Pressures	Telecommunication cable (01:36:00)		

Biological Data				
Number of Species			20	
Summary Species List (Operational Taxonomic Unit, Name, Size, SACFOR, presence per habitat transition)				
	O.T.U	Species/Taxonomic ID	Size/Growth	SACFOR
	1044	Radicipes sp	L	C
	1125	Hygrosoma sp	L	O
	572	Echinoidea sp5 (Echinothuroidea)	L	R
	622	Halipteris sp	L	R
	1012	Notacanthiformes sp1	L	R
	551	Ophiomusa lymani	M	C
	261	Syringammina fragilissima	M	F
	1191	Pennatulacea sp (submergedAxis)	M	O
	1196	Pennatulacea sp6	M	O
	577	Coryphaenoides guentheri	M	R
	566	Coryphaenoides rupestris	M	R
	1106	Eucarida sp	M	R
	1003	Nezumia aequalis	M	R
	1077	Caridea sp	S	R
	2	Cerianthidae sp1	S	R
	445	Echinus sp1	S	R
	1307	Euryalida	S	R
	1144	Galacantha sp	S	R
	1167	Peniagone sp	S	R
	950	Rhodaliidae sp	S	R
Biotope List (Marine Habitat Classification for Britain & Ireland)				
Code		Name	Listed	
M.AtUA.Mu.InfPol		Mixed fauna dominated by polychaetes in Atlantic upper abyssal mud	Mud and sand emergent fauna (ICES)	
M.AtUA.Mu		Atlantic upper abyssal mud	Mud and sand emergent fauna (ICES)	
M.AtUA.Mu		Atlantic upper abyssal mud	Mud and sand emergent fauna (ICES)	
Biotope progression per habitat transition (# species, dominant/characteristic species)				
1	M.AtUA.Mu.InfPol			

	Annelida, 261 Syringammina fragilissima
2	M.AtUA.Mu
	1044 Radicipes
3	M.AtUA.Mu
	n/a

Conservation Targets		
Listed Habitats Encountered		
Name	Authority	
Mud and sand emergent fauna	ICES	
Listed Species Encountered (Fish, Count)		
n/a		OSPAR/IUCN

Additional Comments
n/a