

DIVE SUMMARY

DIVE # 691

TRANSECT # 08

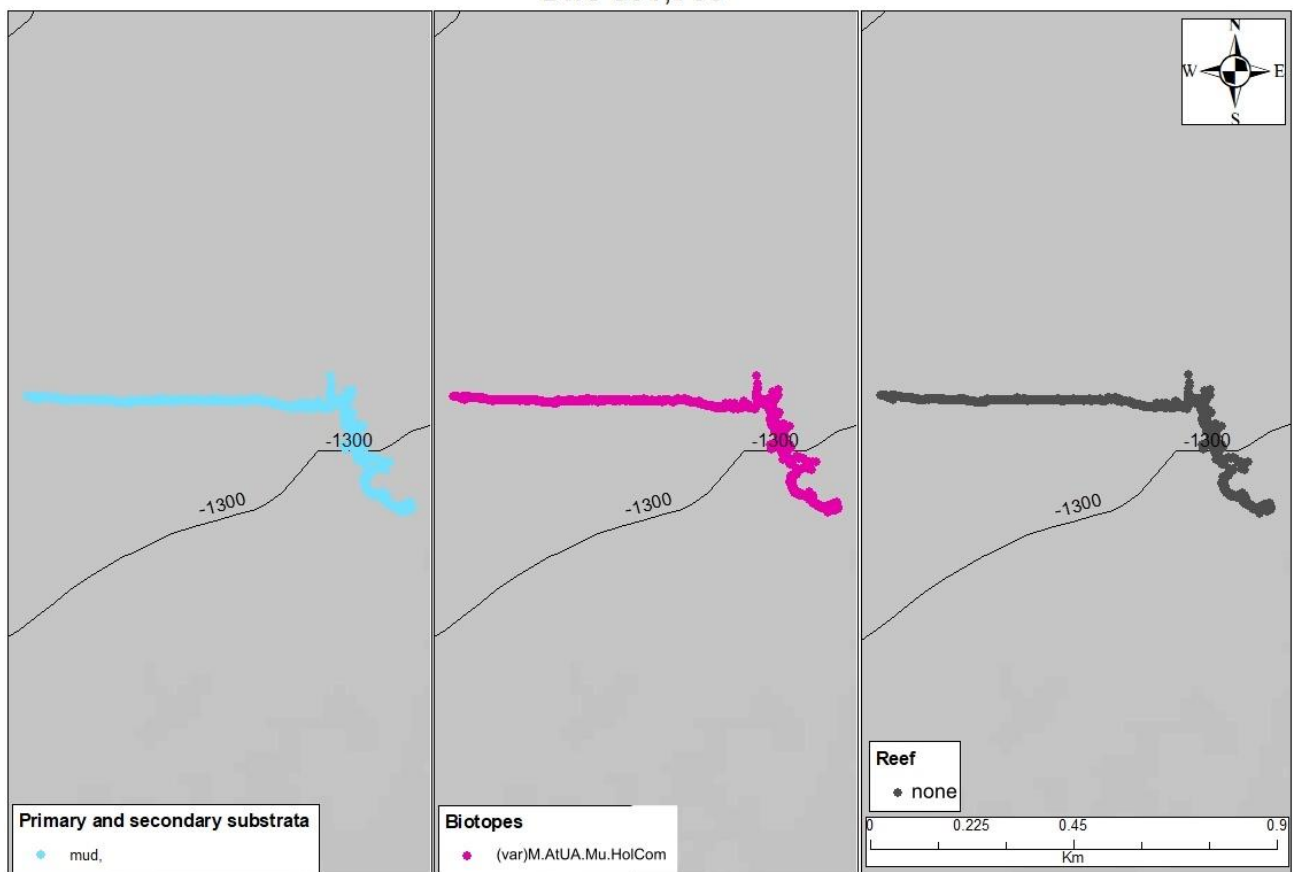
	Start	End
Date & Time	16/08/2019 06:35:46	16/08/2019 07:33:09
Latitude/ Longitude	51.4134725/-13.19571283	51.4157455/-13.2033615
Depth	-1294.375	-1282.263
Images	IMG_7707.jpg – IMG_7730.jpg	
Samples	2 x pushcores	

Location	P1
Target Features	No previous data
Depth Range	-1301m

Maps of Dive

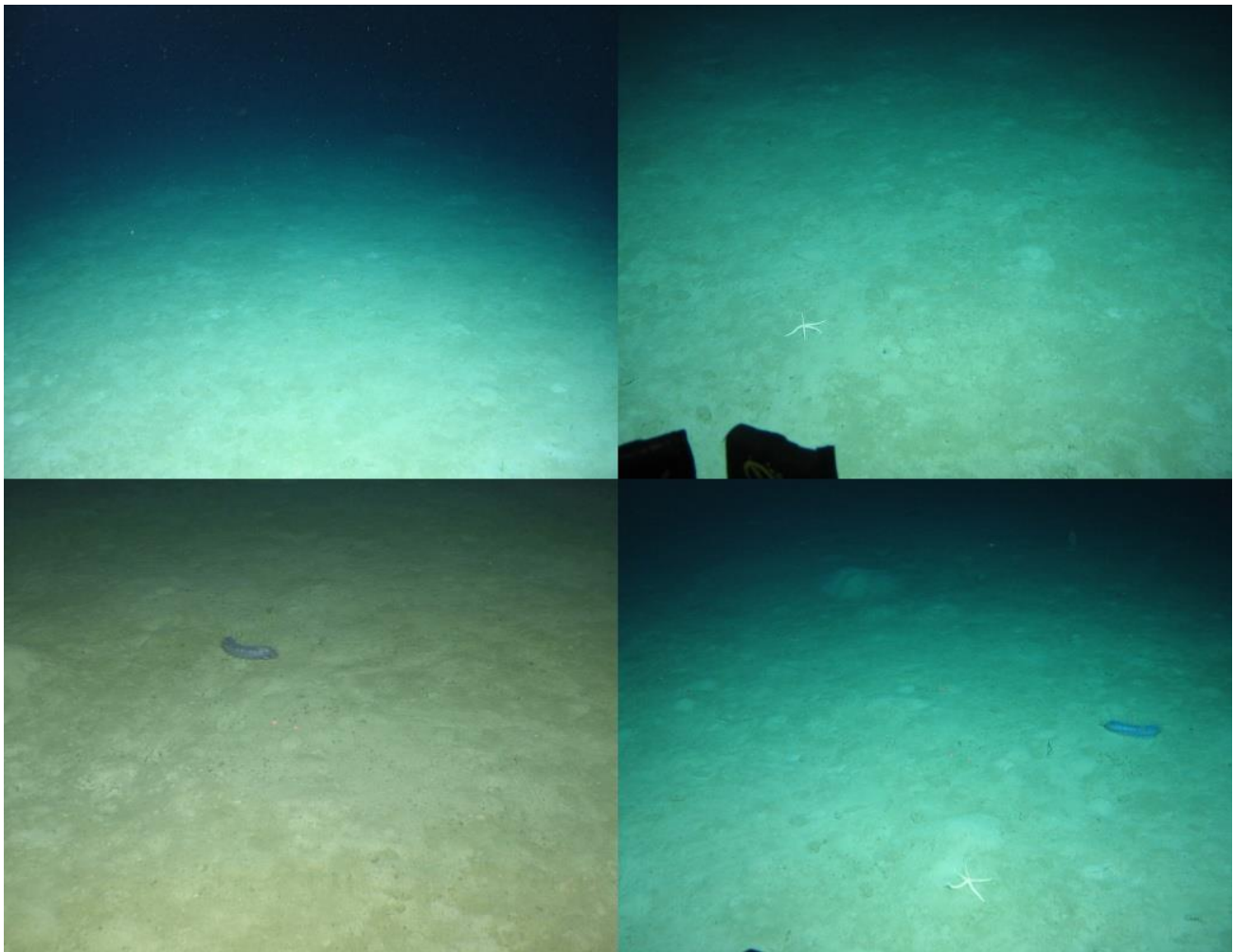
OPOP BMP and/or GIS Maps

Dive 691, T08



Representative Images

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



Top L. Barren muddy slope ((var)M.AtUA.Mu.HolCom).

Top R. *Zoroaster fulgens* on muddy slope ((var)M.AtUA.Mu.HolCom).

Bottom L. *Holothuroidea sp6* on muddy slope ((var)M.AtUA.Mu.HolCom).

Bottom R. *Zoroaster fulgens* and *Holothuroidea sp6* on muddy slope ((var)M.AtUA.Mu.HolCom).

Summary Description (habitat transitions noted)

STARTS AT 06:35:46/0m. Uniform biotope from start to end. Dominant holothurian aggregations on muddy/soft sediment slope.
[1] Biotope is predominantly holothurians and *Zoroaster fulgens* on muddy slope. ROV stops for two pushcores. **ENDS AT 07:33:09/01h03m.**

Physical Data			
Reef (types can be concurrent)	0% reef	n/a	
		n/a	n/a
			n/a
Substrates	- Mud		
Geomorphology/Features	- Slope		
Annex 1 Types	n/a		
Pressures	n/a		

Biological Data	
Number of Species	24

Summary Species List (Operational Taxonomic Unit, Name, Size, SACFOR, presence per habitat transition)

O.T.U	Species/Taxonomic ID	Size/Growth	SACFOR
651	Actinopterygii sp3	L	R
274	Brisingiidae	L	R
263	Porania	L	R
211	Cidaris cidaris	L	R
566	Coryphaenoides ruspestris	L	R
1179	Holothuroidea sp6	L	R
1024	Hydrolagus mirabilis	L	R
1078	Ipnopidae sp	L	R
442	Kophobelemnion stelliferum	L	R
536	Mesothuria intestinalis	L	R
1194	Muusoctopus johnsonianus	L	R
255	Phelliactis sp1	L	R
555	Phorsonoma placentia	L	R
552	Polyacanthonotus rissoanus	L	R
988	Zoroaster fulgens	L	R
446	Trachyrhynchus sp	L	R
131	Crinoidea sp1	M	R
605	Actiniaria sp20	S	R
1077	Caridea (indet)	S	R
2	Cerianthidae sp1	S	R
339	Munida tenuimana	S	R
1191	Pennatulacea sp3	S	R
440	Synaphobranchus kaupii	S	R
259	Zoarcidae sp1	S	R

Biotope List (Marine Habitat Classification for Britain & Ireland)

Code	Name	Listed
(var)M.AtUA.Mu.HolCom	(variant of)Holothurian dominated community on Atlantic upper abyssal mud	Mud and sand emergent fauna (ICES)

Biotope progression per habitat transition (# species, dominant/characteristic species)

1	(var)M.AtUA.Mu.HolCom
	1179 Holothuroidea sp6; 988 Zoroaster fulgens

Conservation Targets

Listed Habitats Encountered

Name	Authority
Mud and sand emergent fauna	ICES

Listed Species Encountered (Fish, Count)

n/a	OSPAR/IUCN
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Additional Comments

n/a