

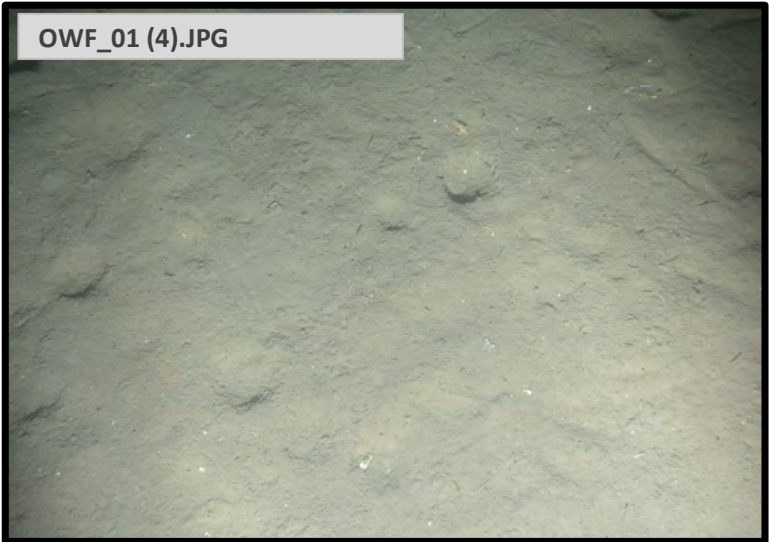


Photo Position: 402078 mE, 6345107 mN

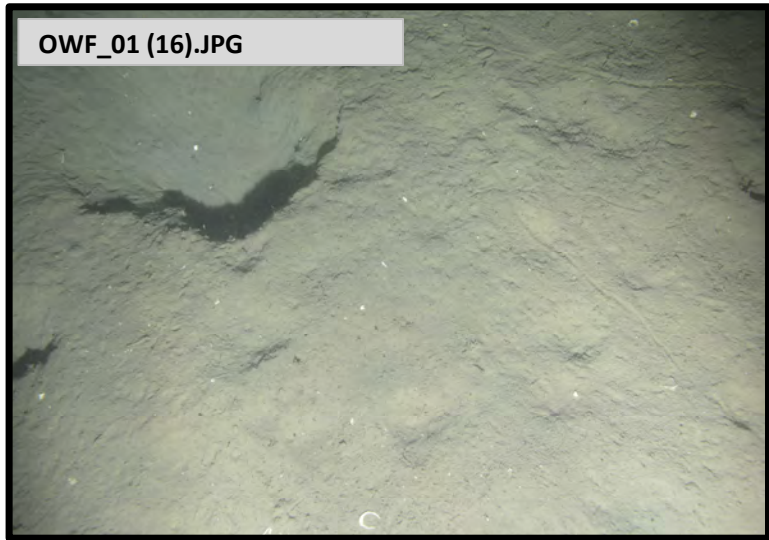


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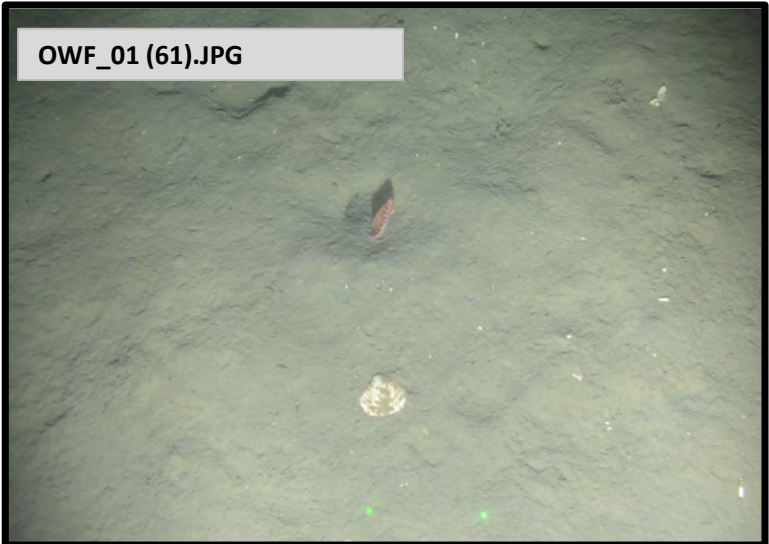


Photo Position: 401780 mE, 6345125 mN

Habitat Summary Information: OWF 01

Survey Area: Central North Sea

No. of Stills: 67

Mins of Video: 25:26

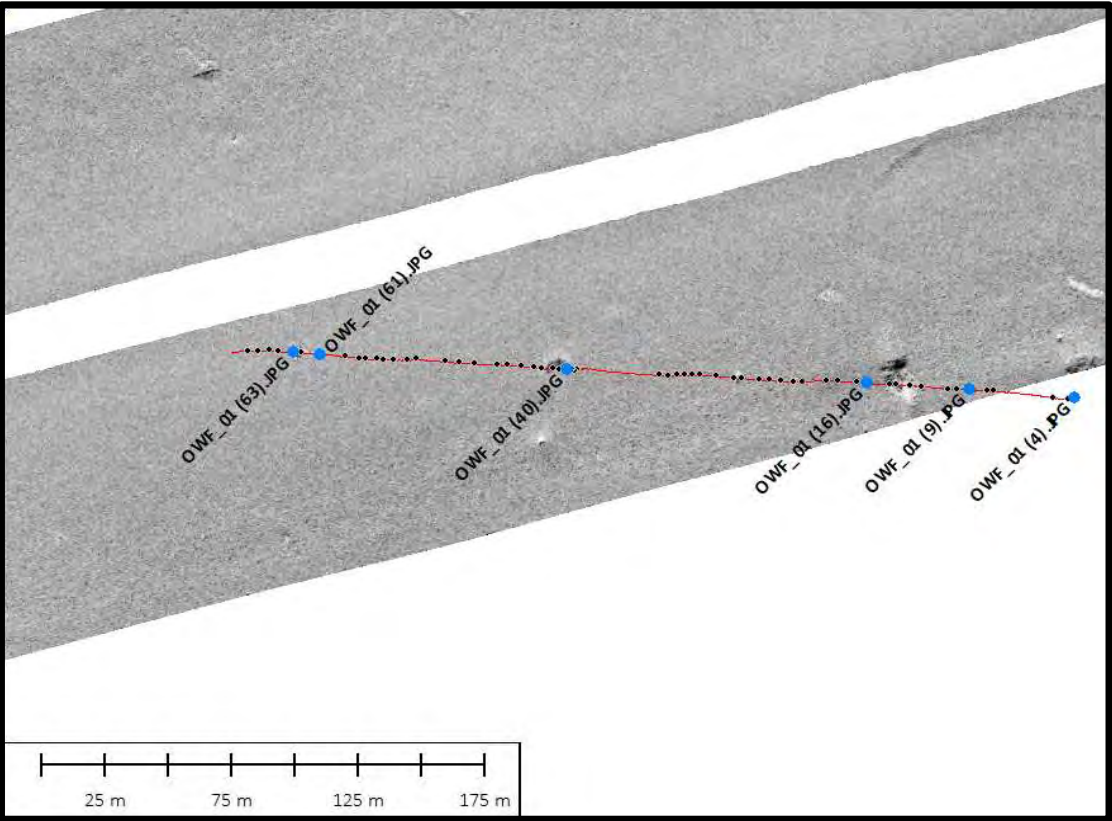
Track Length: 357.98m

Site Selection Criteria
To provide benthic characteristics on the northern boundary of the array area and to target high reflectivity contacts.

Analogue Interpretation
Flat homogeneous sediment, mottled reflectivity, and some areas of coarse sediment.

Sediment Description
Muddy sand with minor to moderate proportions of shell debris.

Conspicuous Fauna
Cnidaria: *Alcyonium digitatum*, *Cerianthus lloydii*, *Funiculina quadrangularis*, *Pennatula phosphorea*, *Virgularia mirabilis*, *Actiniaria* sp. **Annelida:** *Ditrupa arietina*. **Arthropoda:** *Nephrops norvegicus*, *Pagurus bernhardus*, *Caridea* sp, *Cancer maenus*. **Mollusca:** *Buccinum undatum*. **Chordata:** *Limanda limanda*, *Myxine glutinosa*. **Mollusca:** *Naticoida* sp. **Chordata:** *Gadidae* sp. **Cnidaria:** *Hydrozoa* sp.



Client

Contractor

● UW Image ● UW Featured Image ~ UW Video Track

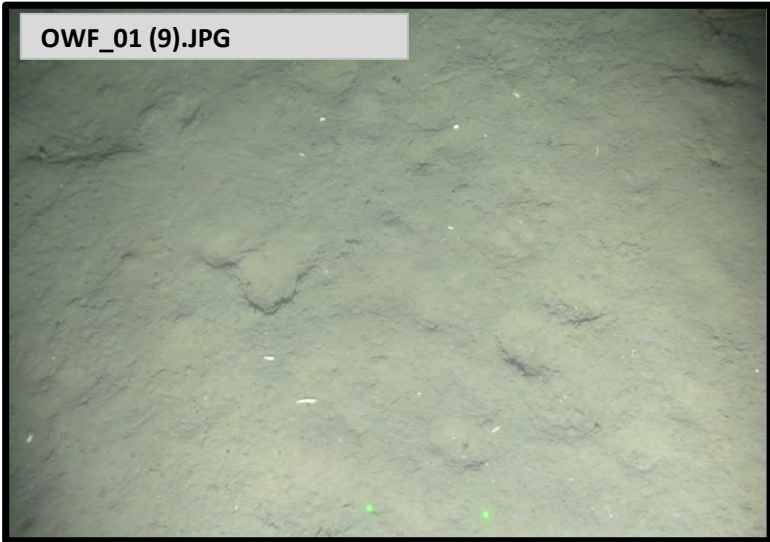


Photo Position: 402036 mE, 6345111 mN

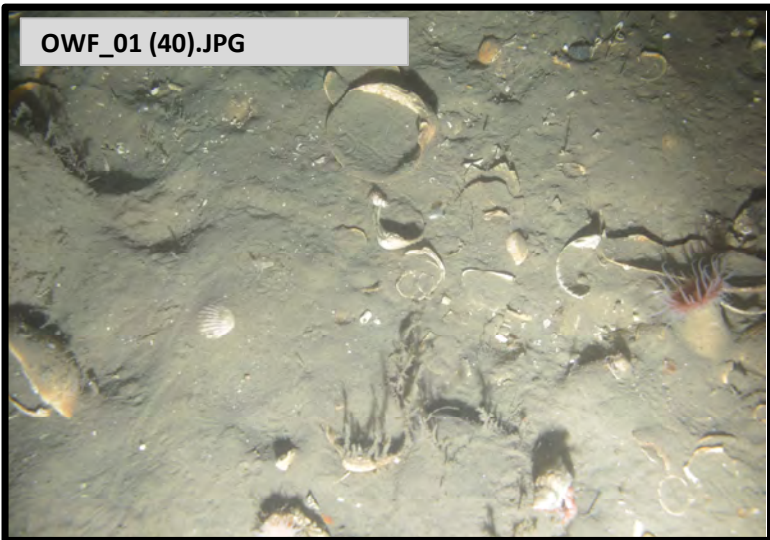


Photo Position: 401877 mE, 6345119 mN



Photo Position: 401770 mE, 6345126 mN

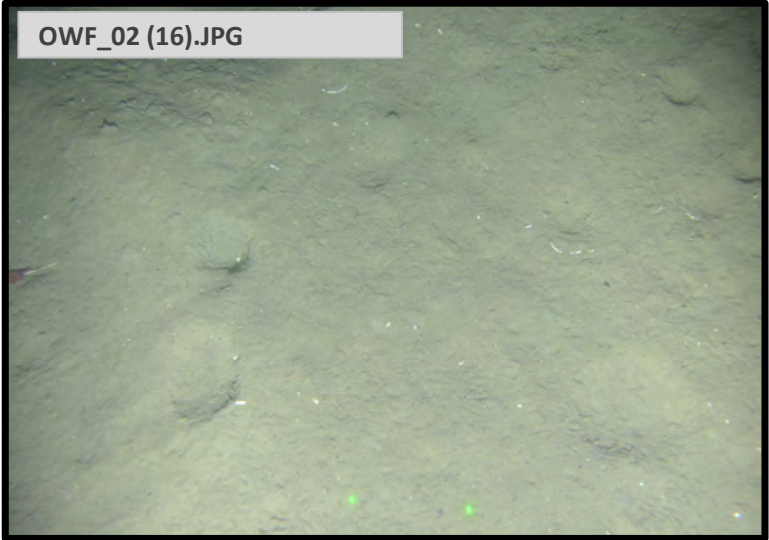


Photo Position: 403316 mE, 6344972 mN

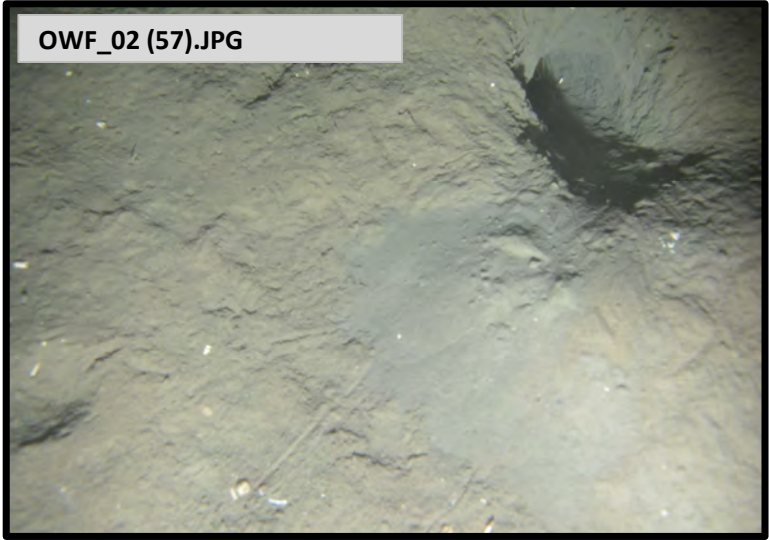


Photo Position: 403282 mE, 6345250 mN



Sediment Example Image

Habitat Summary Information: OWF_02

Survey Area: Central North Sea

No. of Stills: 56 Mins of Video: 23:59 Track Length: 354.96m

Site Selection Criteria

To inform benthic characteristics on the northern boundary of the array area.

Analogue Interpretation

Flat homogeneous sediment, mottled reflectivity.

Sediment Description

Muddy sand with minor to moderate proportions of shell debris and occasional burrows.

Conspicuous Fauna

Cnidaria: *Pennatula phosphorea*, *Virgularia mirabilis*, *Actiniaria* sp. **Arthropoda:** *Pagurus bernhardus*, *Caridea* sp, *Cancer maenus*. **Mollusca:** *Buccinum undatum*. **Chordata:** *Myxine glutinosa*, *Torpedo marmorata*, *Gadidae* sp.

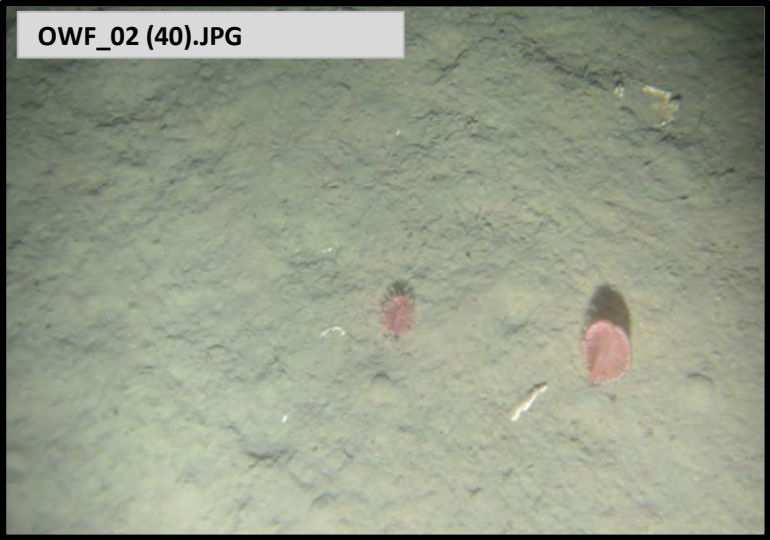


Photo Position: 403298 mE, 6345123 mN

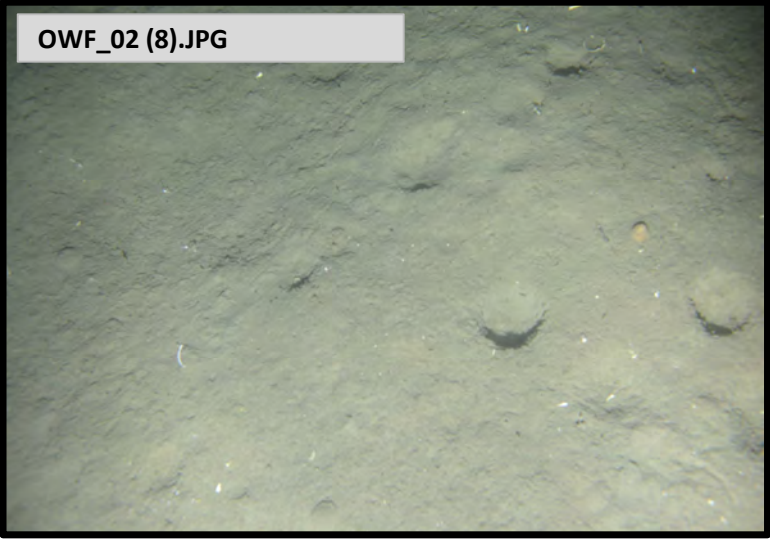
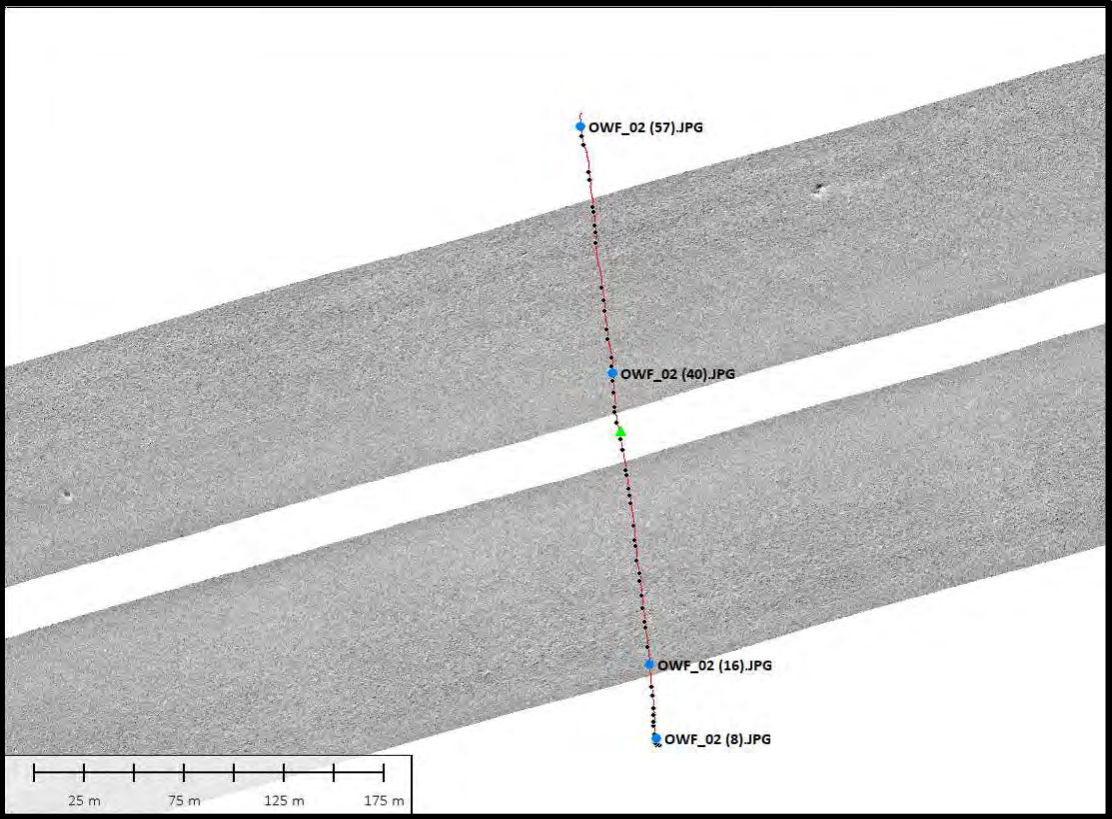


Photo Position: 403320 mE, 6344934 mN



Client

Contractor

▲ Grab Location ● UW Image ● UW Featured Image ~ UW Video Track



Sieved Sample Image

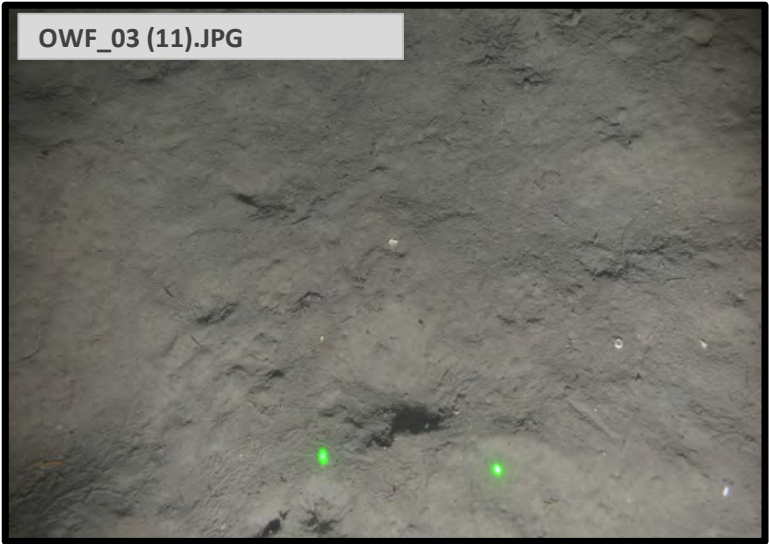


Photo Position: 407834 mE, 6323070 mN

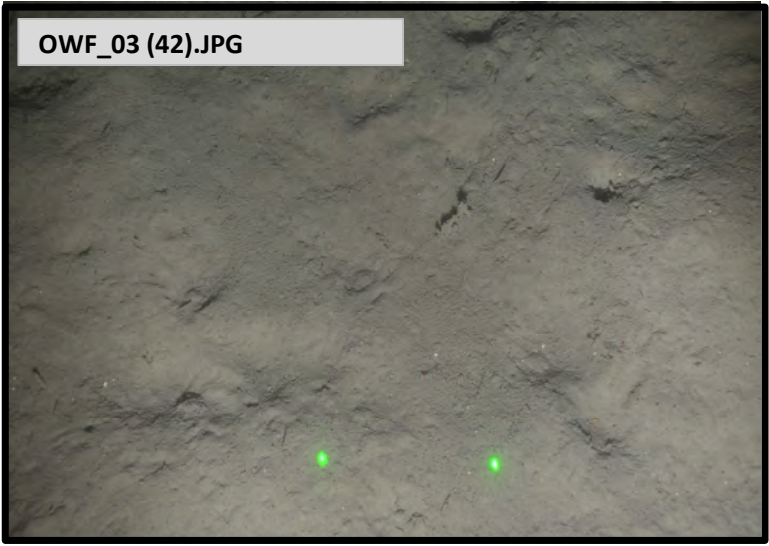


Photo Position: 407674 mE, 6322969 mN



Sediment Example Image

Habitat Summary Information: OWF_03

Survey Area: Central North Sea

No. of Stills: 72

Mins of Video: 30:34

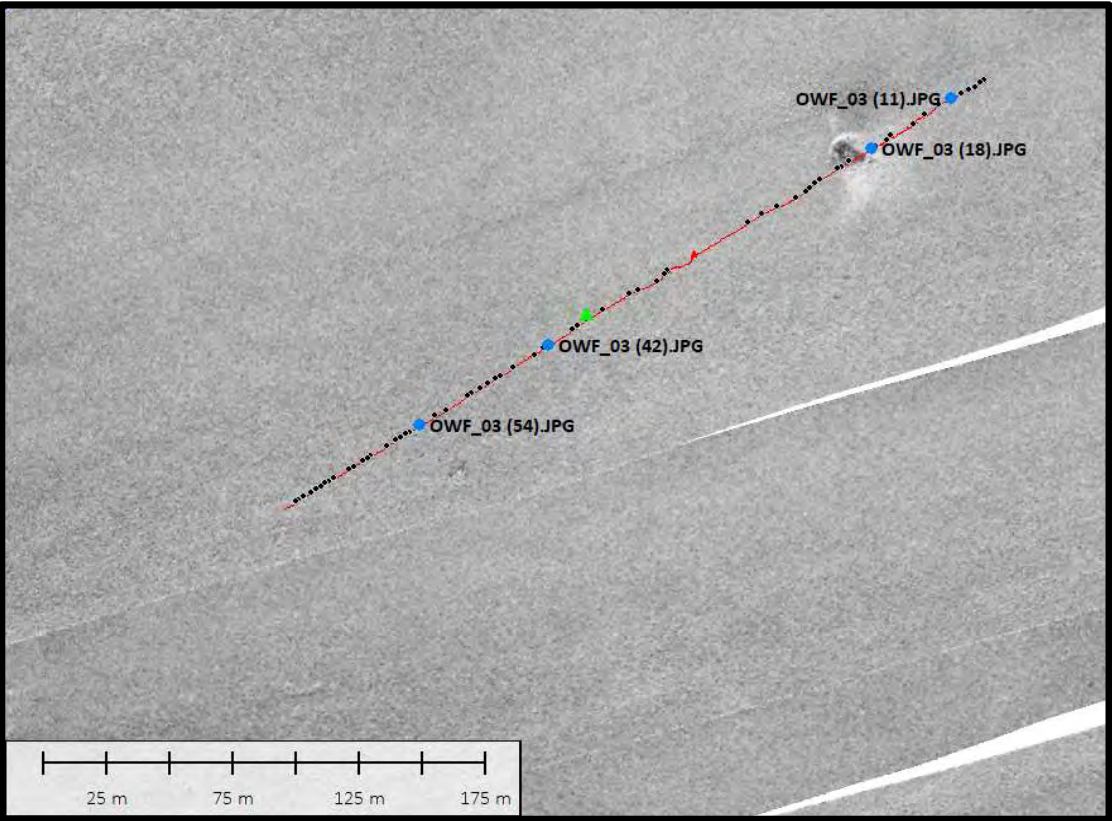
Track Length: 413.78m

Site Selection Criteria
Covering the southern area of the array and to fill gap in JNCC database.

Analogue Interpretation
Flat homogeneous sediment, mottled reflectivity, and patch of coarse sediment.

Sediment Description
Muddy sand with some shell debris and occasional burrows. Small accumulations of shell debris in areas.

Conspicuous Fauna
Cnidaria: *Funiculina quadrangularis*, *Pennatula phosphorea*, *Virgularia mirabilis*. **Arthropoda:** *Nephrops norvegicus*, *Pagurus bernhardus*, *Caridea* sp. **Chordata:** *Limanda limanda*, *Myxine glutinosa*, *Torpedo marmorata*, *Gadidae* sp.



Client

Contractor

▲ Grab Location ● UW Image ● UW Featured Image ~ UW Video Track

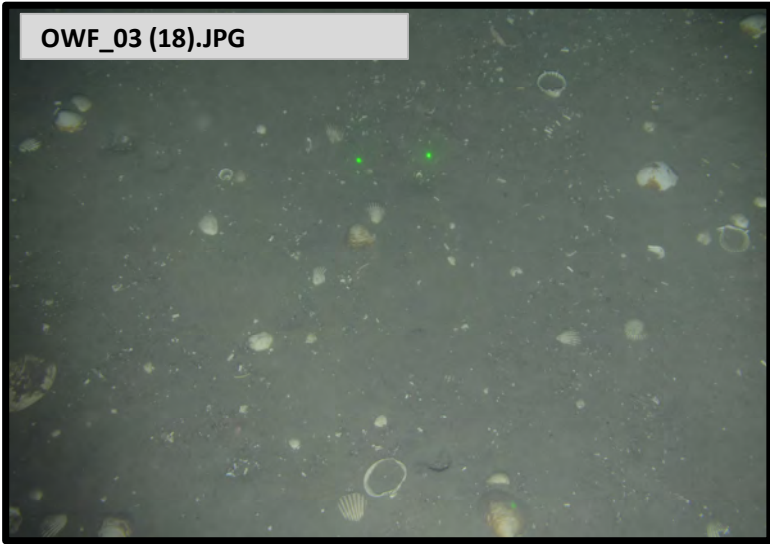


Photo Position: 407802 mE, 6323049 mN

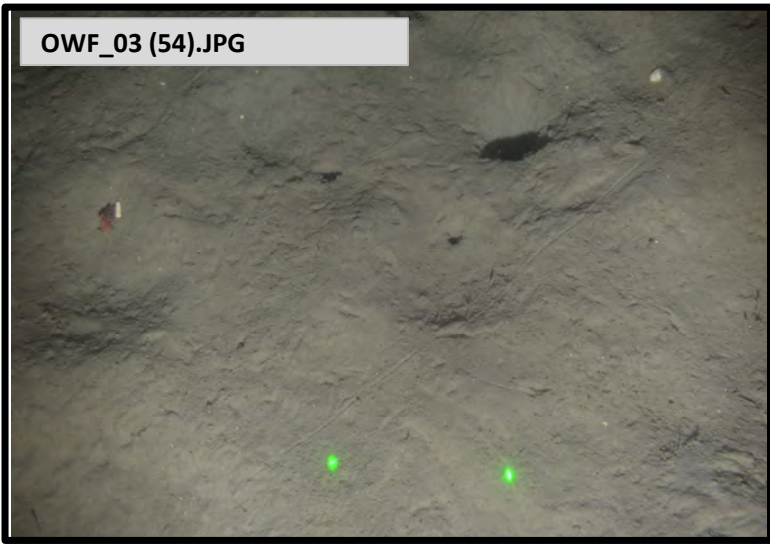


Photo Position: 407623 mE, 6322936 mN



Sieved Sample Image

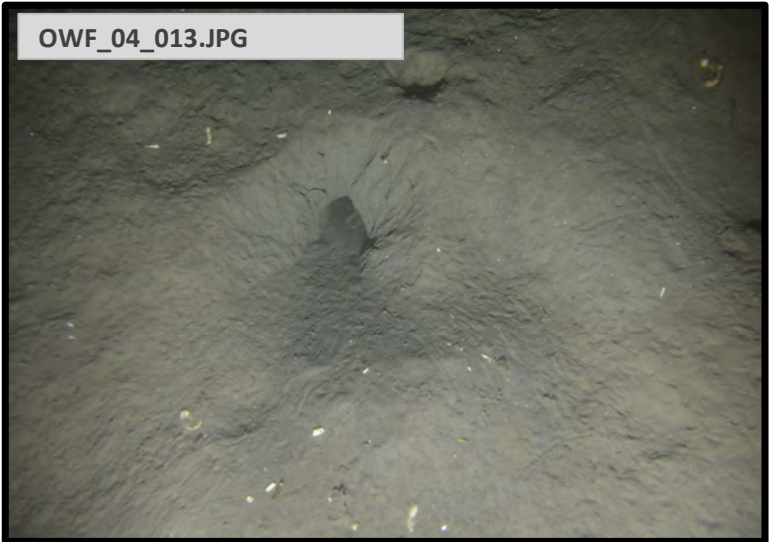


Photo Position: 404713 mE, 6342913 mN



Photo Position: 404837 mE, 6343003 mN

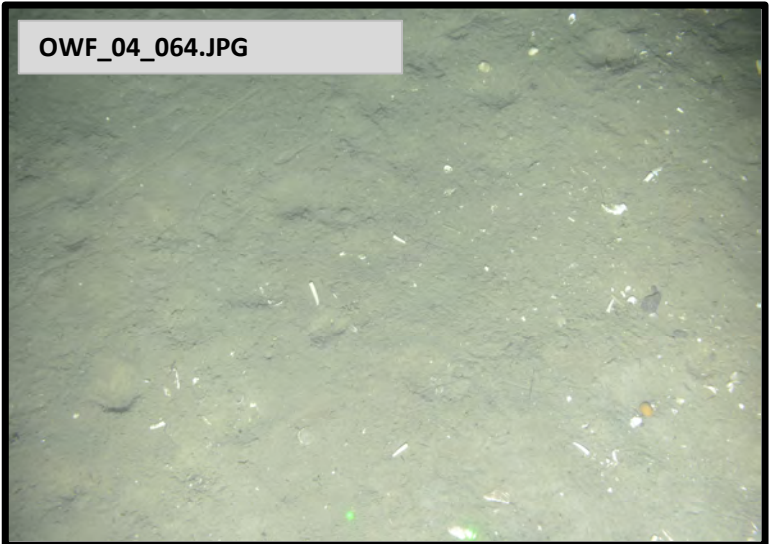


Photo Position: 404924 mE, 6343066 mN

Habitat Summary Information: OWF_04

Survey Area: Central North Sea

No. of Stills: 68 Mins of Video: 23:32 Track Length: 348.86m

Site Selection Criteria

To reduce sampling gap between grab stations.

Analogue Interpretation

Flat homogeneous sediment, mottled reflectivity.

Sediment Description

Slightly gravelly muddy sand with minor to moderate shell debris, divots present and occasional burrows. Some areas have higher densities of gravel/cobbles.

Conspicuous Fauna

Cnidaria: *Pennatula phosphorea*, *Virgularia mirabilis*, *Actiniaria* sp. **Arthropoda:** *Nephrops norvegicus*, *Pagurus bernhardus*, *Caridea* sp. **Mollusca:** *Buccinum undatum*. **Chordata:** *Limanda limanda*, *Gadus morhua*, *Myxine glutinosa*. **Mollusca:** *Octopoda* sp. **Chordata:** *Gadidae* sp. **Cnidaria:** *Hydrozoa* sp.



Photo Position: 404784 mE, 6342964 mN

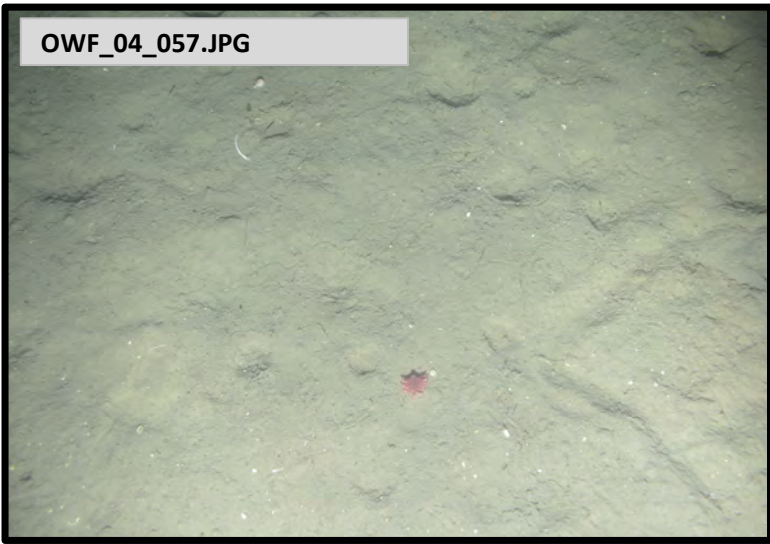
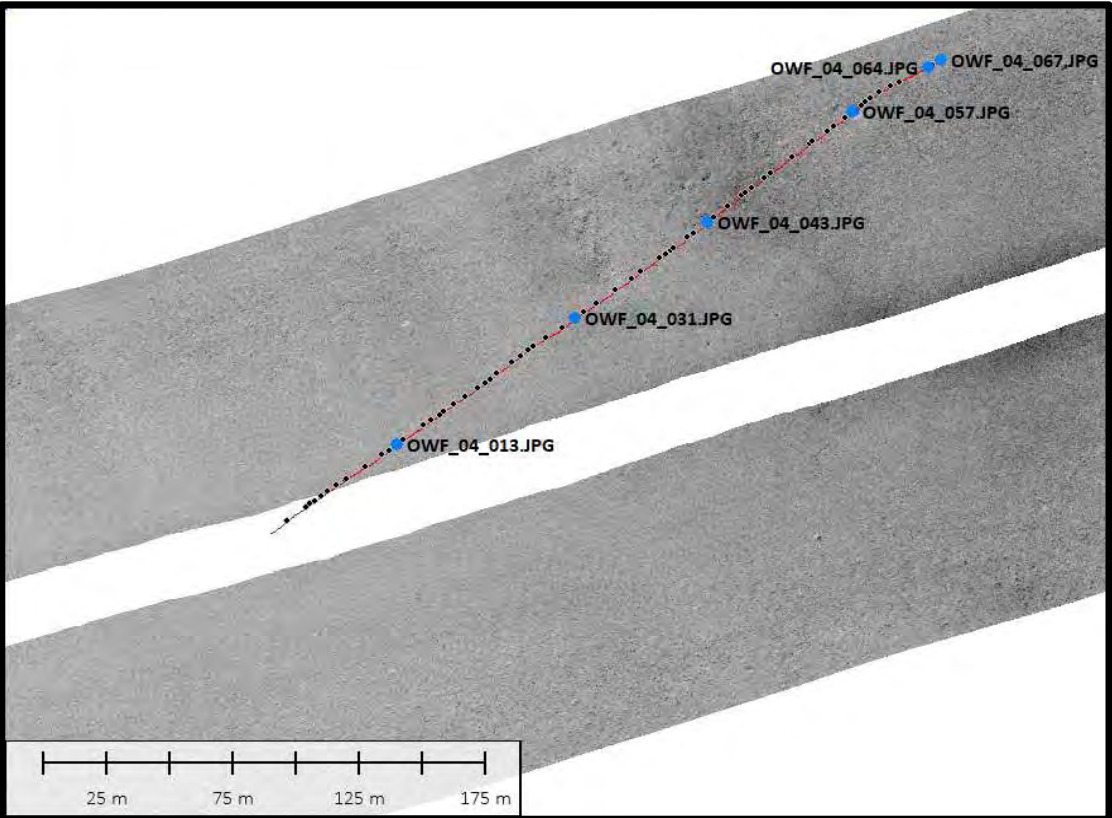


Photo Position: 404894 mE, 6343048 mN



Client

Contractor

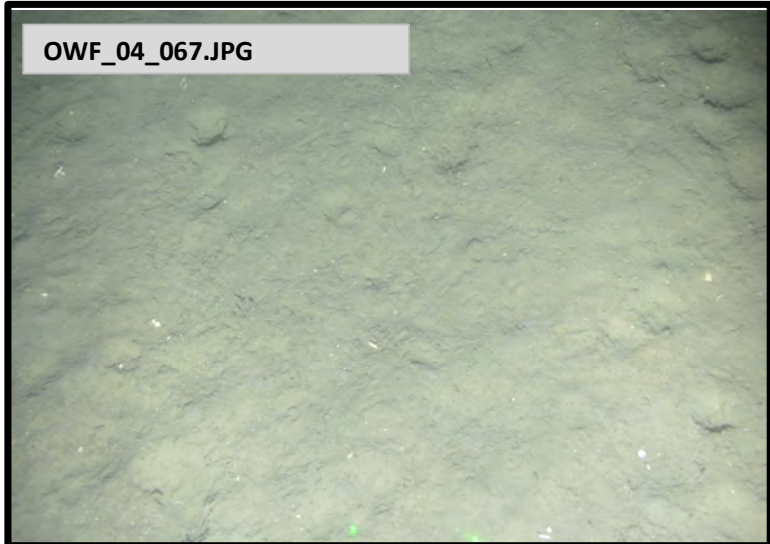


Photo Position: 404929 mE, 6343069 mN

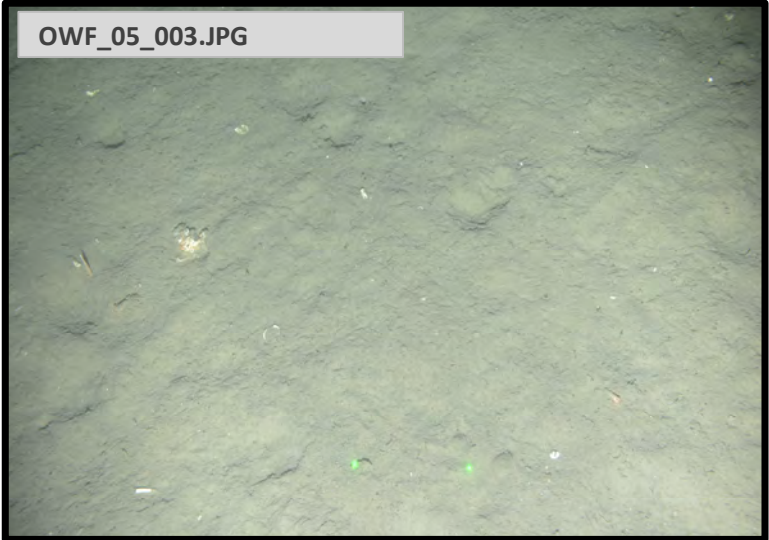


Photo Position: 406249 mE, 6342949 mN



Photo Position: 406179 mE, 6342753 mN



Sediment Example Image

Habitat Summary Information: OWF_05

Survey Area: Central North Sea

No. of Stills: 52

Mins of Video: 27:57

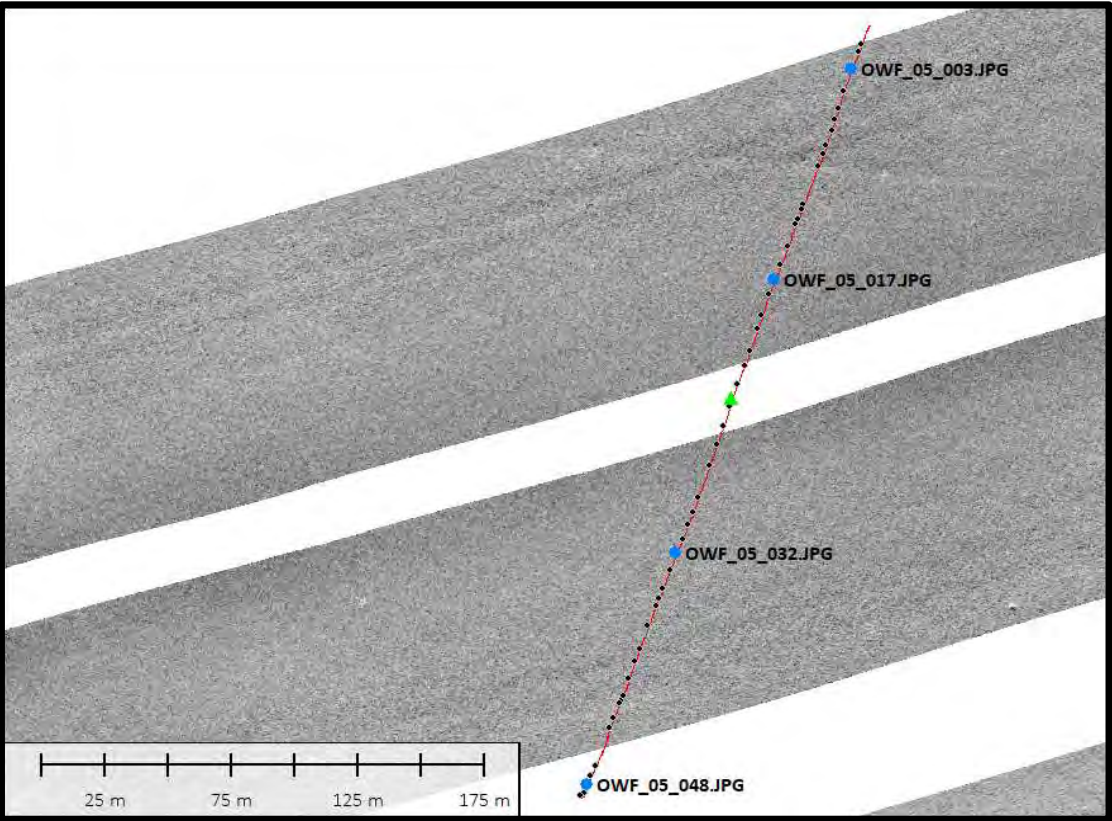
Track Length: 360.19m

Site Selection Criteria
Proximity to Oil Well (c. 500 m distance). To identify potential effects of the Oil Well on seabed and water characteristics.

Analogue Interpretation
Flat homogeneous sediment, mottled reflectivity.

Sediment Description
Muddy sand with minor proportions of shell debris and occasional burrows.

Conspicuous Fauna
Cnidaria: *Funiculina quadrangularis*, *Pennatula phosphorea*, *Virgularia mirabilis*, *Actiniaria* sp. **Arthropoda:** *Pagurus bernhardus*, *Cancer maenus*. **Mollusca:** *Aequipecten opercularis*, *Buccinum undatum*. **Chordata:** *Limanda limanda*, *Myxine glutinosa*.



Client

Contractor

▲ Grab Location ● UW Image ● UW Featured Image ~ UW Video Track



Photo Position: 406218 mE, 6342864 mN

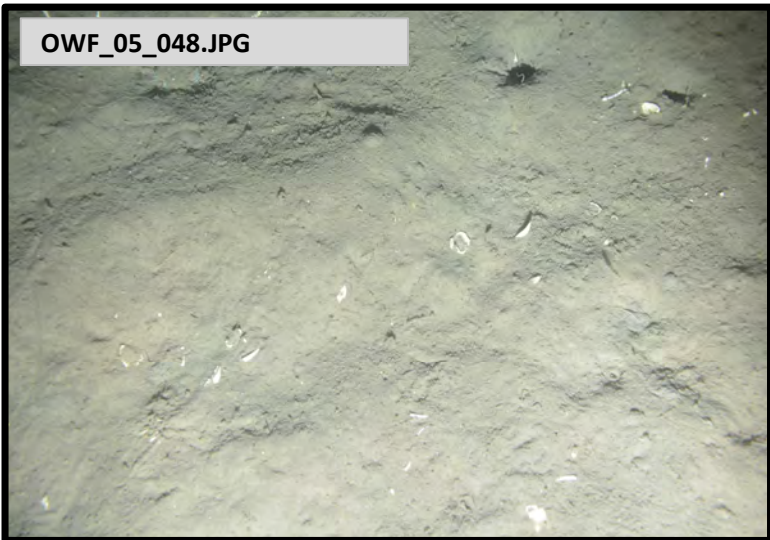


Photo Position: 406144 mE, 6342659 mN



Sieved Sample Image

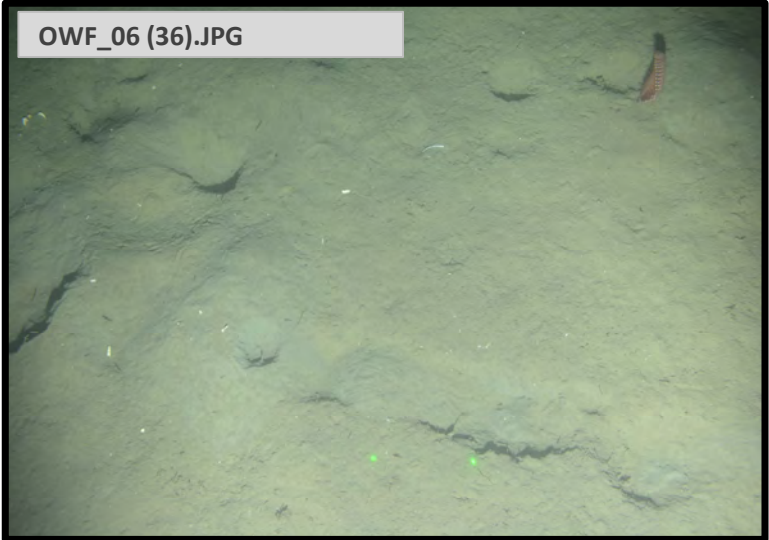


Photo Position: 400938 mE, 6341258 mN

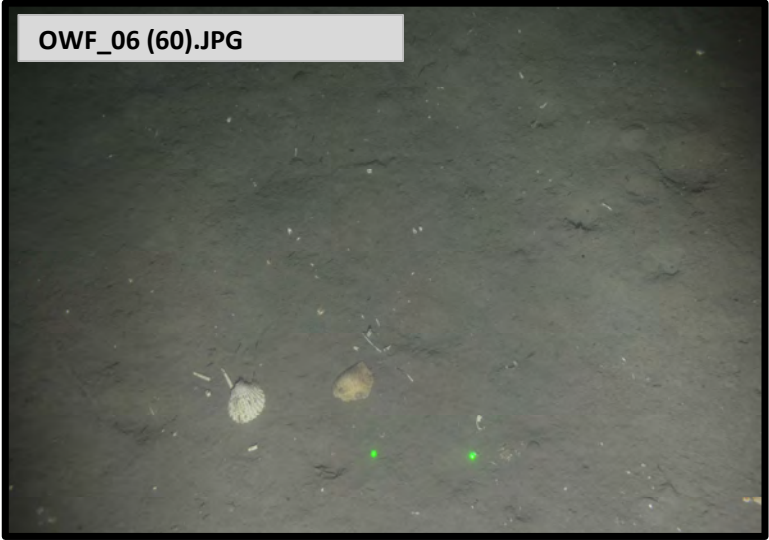


Photo Position: 400840 mE, 6341258 mN



Sediment Example Image

Habitat Summary Information: OWF_06

Survey Area: Central North Sea

No. of Stills: 78

Mins of Video: 25:15

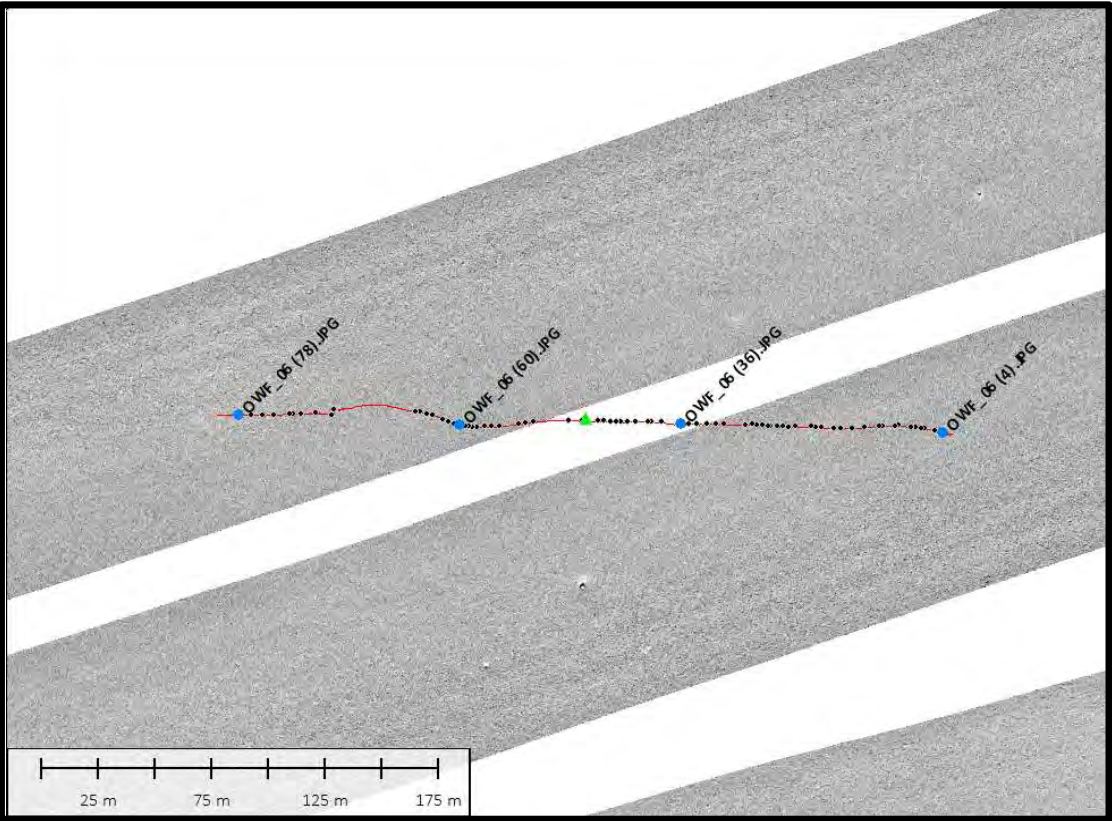
Track Length: 352.6m

Site Selection Criteria
To provide spatial coverage. Additionally, this is close to the area where Cable Route B enters the array area.

Analogue Interpretation
Flat homogeneous sediment, mottled reflectivity.

Sediment Description
Muddy sand with minor proportions of shell debris and occasional burrows.

Conspicuous Fauna
Cnidaria: *Funiculina quadrangularis*, *Pennatula phosphorea*, *Virgularia mirabilis*, *Actiniaria* sp. **Arthropoda:** *Pagurus bernhardus*, *Caridea* sp, *Cancer maenus*. **Mollusca:** *Buccinum undatum*. **Chordata:** *Limanda limanda*, *Myxine glutinosa*, *Torpedo marmorata*, *Gadidae* sp.



Client

Contractor

▲ Grab Location ● UW Image ● UW Featured Image ~ UW Video Track

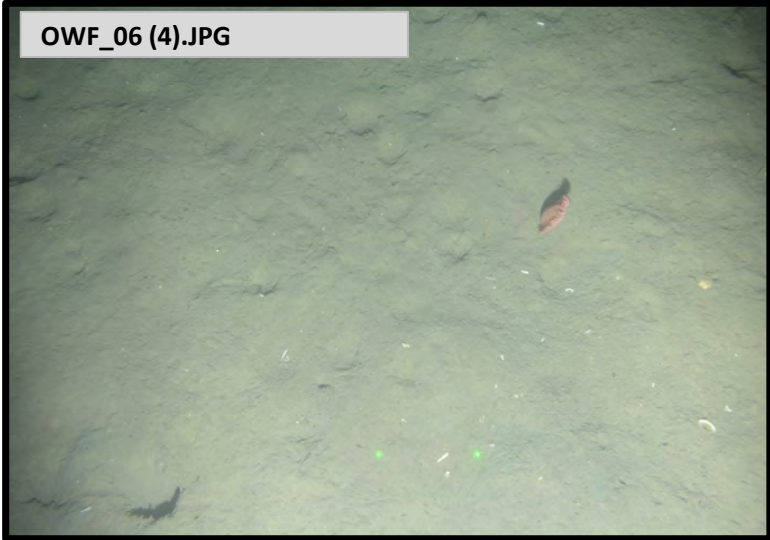


Photo Position: 401053 mE, 6341254 mN

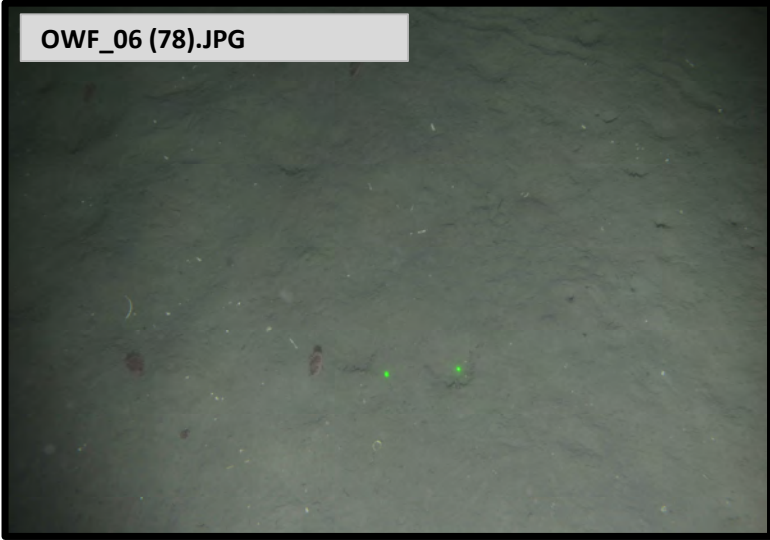


Photo Position: 400743 mE, 6341262 mN



Sieved Sample Image

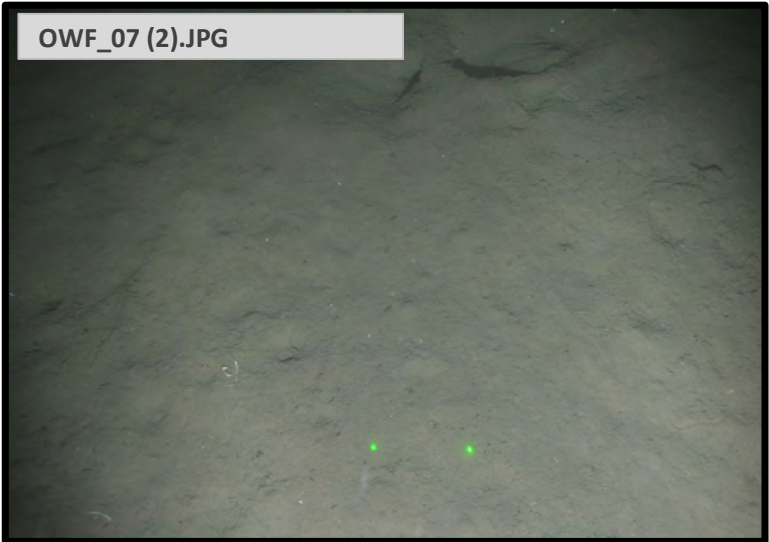


Photo Position: 403783 mE, 6340498 mN

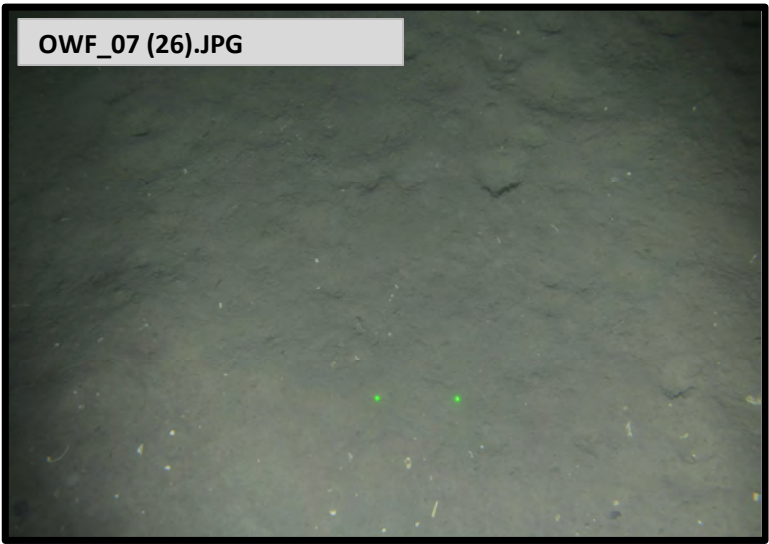


Photo Position: 403659 mE, 6340497 mN

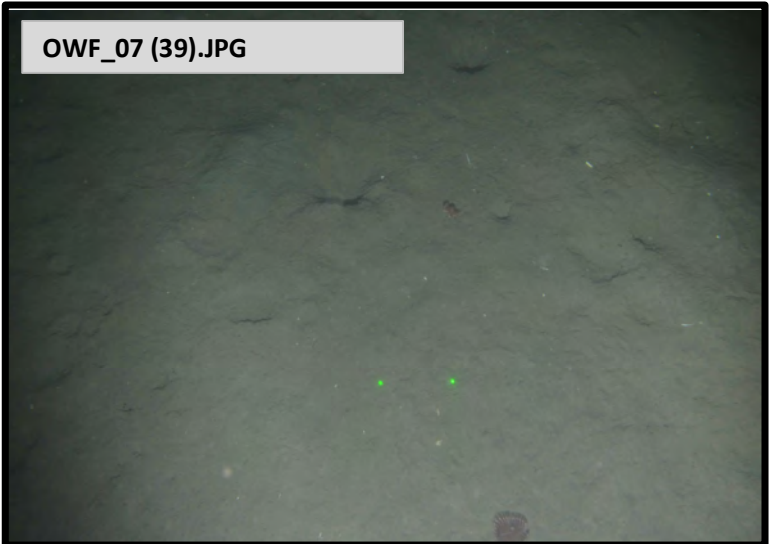


Photo Position: 403577 mE, 6340495 mN

Habitat Summary Information: OWF_07

Survey Area: Central North Sea

No. of Stills: 54

Mins of Video: 23:10

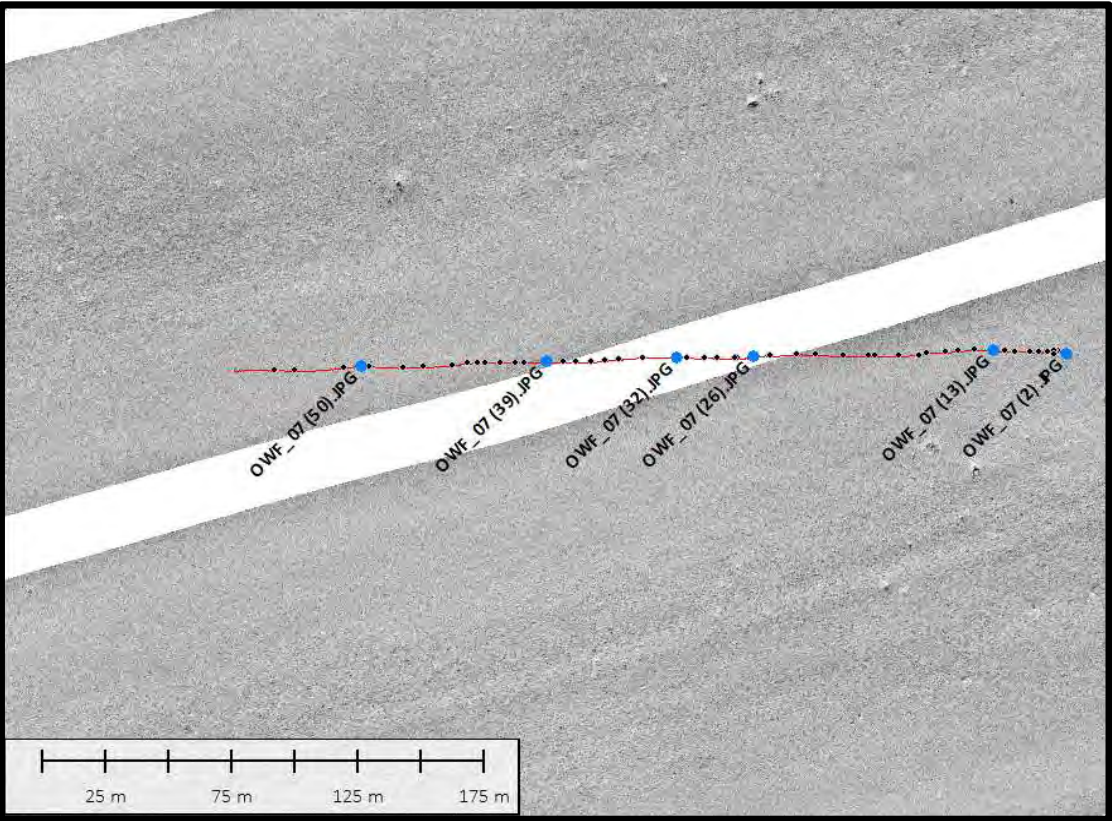
Track Length: 352.48m

Site Selection Criteria
Positioned in area of previous JNCC Grab Sampling.

Analogue Interpretation
Flat homogeneous sediment, mottled reflectivity.

Sediment Description
Muddy sand with minor proportions of shell debris and occasional burrows.

Conspicuous Fauna
Cnidaria: *Pennatula phosphorea*, *Virgularia mirabilis*. **Arthropoda:** *Nephrops norvegicus*, *Pagurus bernhardus*. **Chordata:** *Amblyraja radiata*, *Myxine glutinosa*, *Gadidae* sp. **Cnidaria:** *Hydrozoa* sp.



Client

Contractor

● UW Image ● UW Featured Image ~ UW Video Track

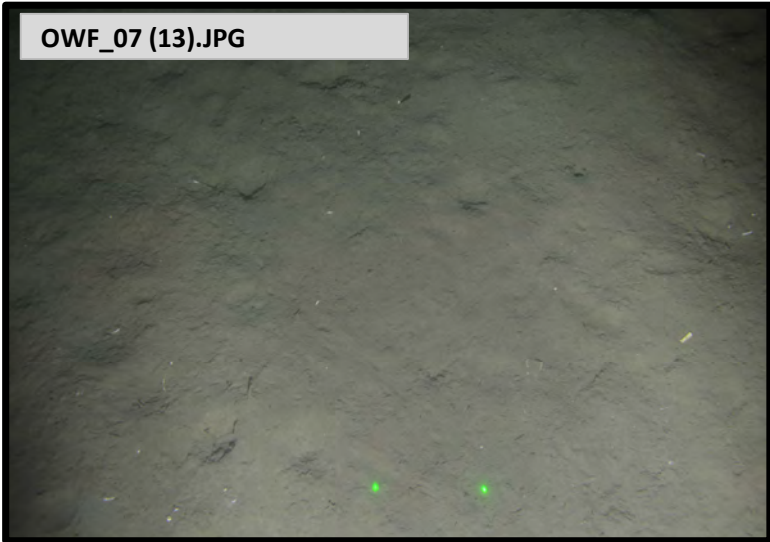


Photo Position: 403754 mE, 6340499 mN



Photo Position: 403628 mE, 6340497 mN

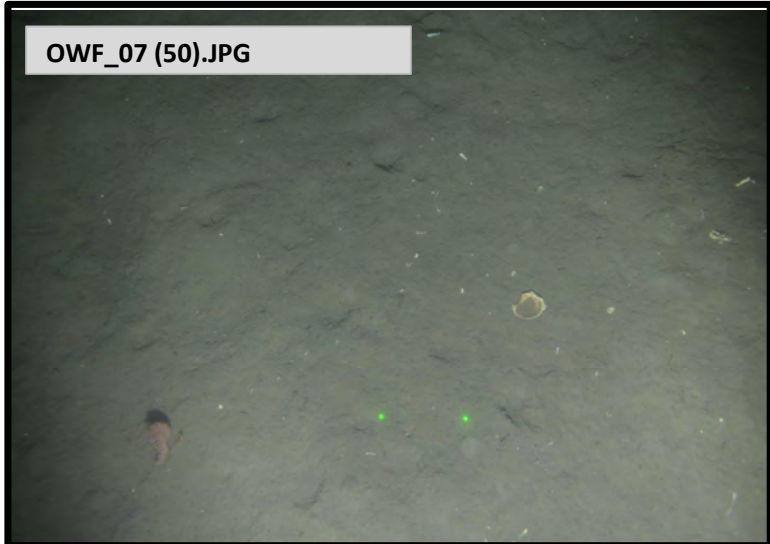


Photo Position: 403503 mE, 6340493 mN



Photo Position: 406872 mE, 6340545 mN



Photo Position: 406926 mE, 6340343 mN



Sediment Example Image

Habitat Summary Information: OWF_08

Survey Area: Central North Sea

No. of Stills: 33

Mins of Video: 25:10

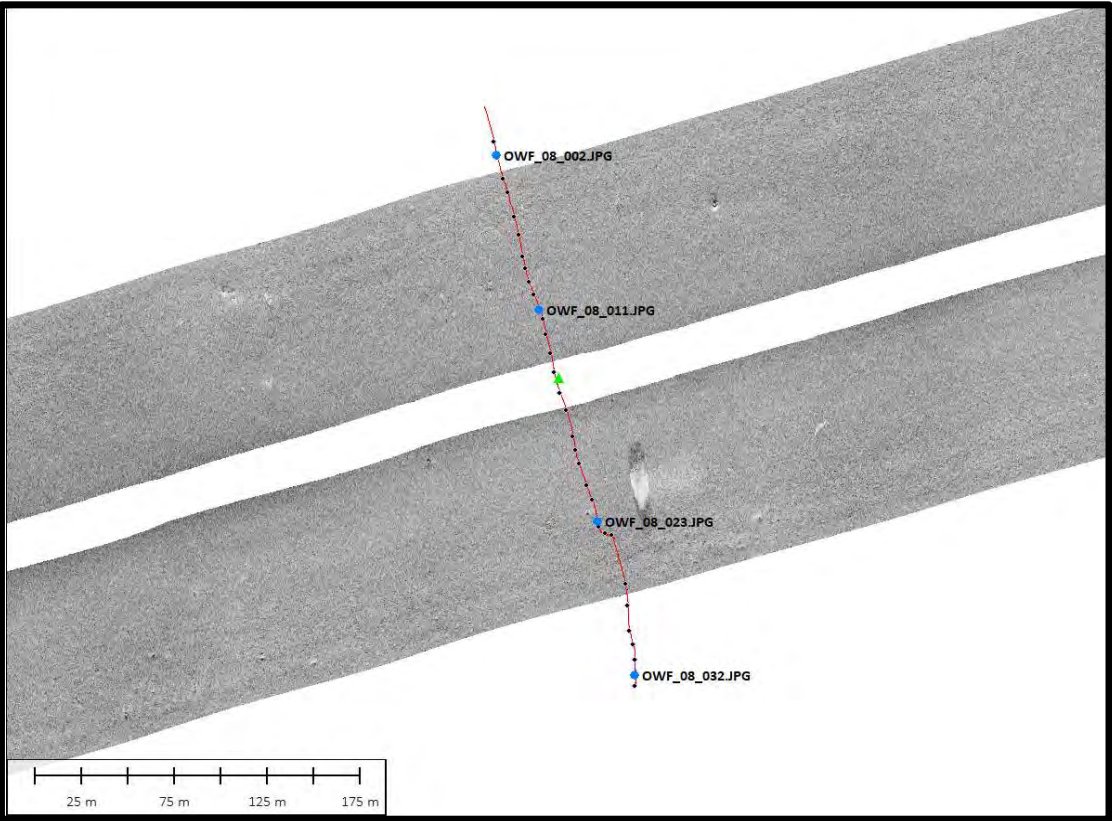
Track Length: 359.98m

Site Selection Criteria
To corroborate historic JNCC sampling data and collect data at array area boundary. Historic JNCC grab/DDV sampling site.

Analogue Interpretation
Flat homogeneous sediment, mottled reflectivity, with cobbles.

Sediment Description
Muddy sand with minor proportions of shell debris and occasional burrows. A rock slab presence in transect, partially covered with muddy sand, concentration of shell fragments in proximity.

Conspicuous Fauna
Cnidaria: *Pennatula phosphorea*, *Virgularia mirabilis*, *Actiniaria* sp. **Arthropoda:** *Pagurus bernhardus*, *Cancer maenus*. **Mollusca:** *Buccinum undatum*. **Echinodermata:** *Echinus esculentus*. **Chordata:** *Limanda limanda*, *Gadus morhua*, *Myxine glutinosa*. **Cnidaria:** *Hydrozoa* sp.



Client

Contractor

▲ Grab Location ● UW Image ● UW Featured Image ~ UW Video Track

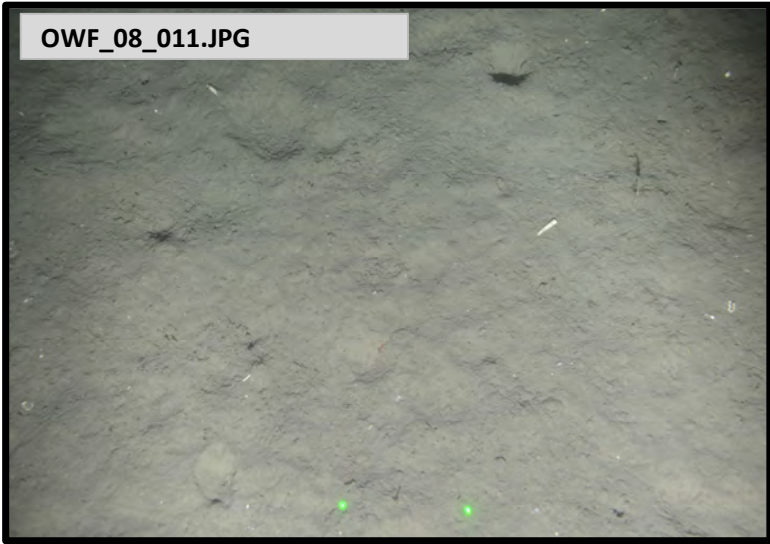


Photo Position: 406895 mE, 6340460 mN

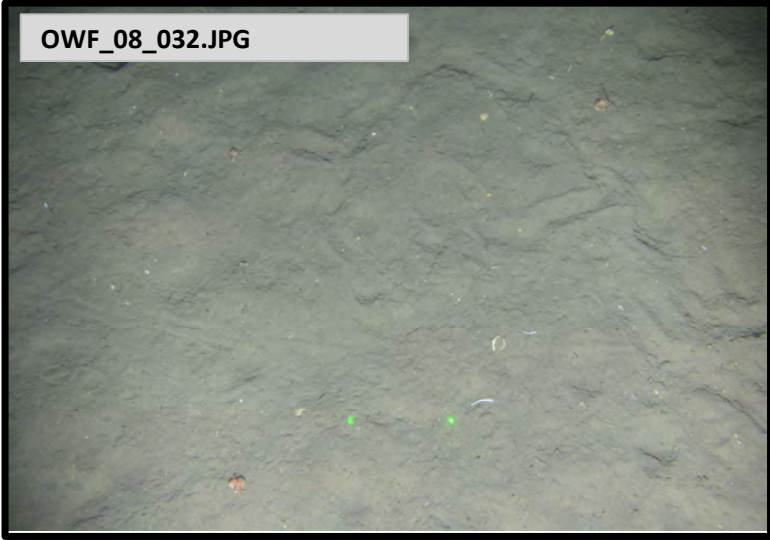


Photo Position: 406946 mE, 6340258 mN



Sieved Sample Image

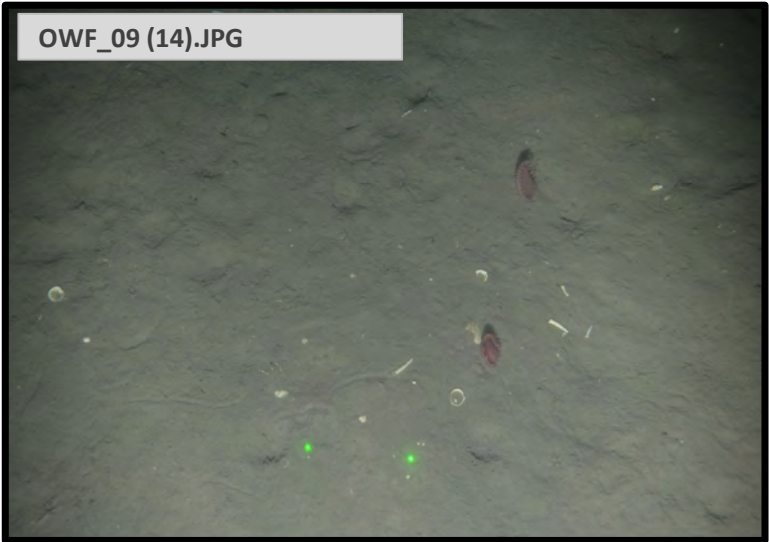


Photo Position: 399206 mE, 6339201 mN

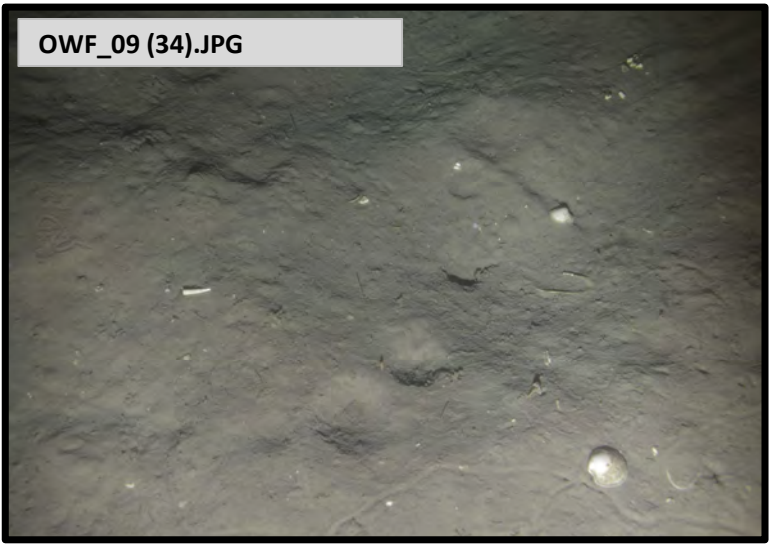


Photo Position: 399021 mE, 6339149 mN



Sediment Example Image

Habitat Summary Information: OWF_09

Survey Area: Central North Sea

No. of Stills: 36 Mins of Video: 23:43 Track Length: 351.3m

Site Selection Criteria

Sampled in predicted 'deep circalittoral coarse sediment' habitat type . Proximity to Oil Well (c. 500 m distance) - to identify potential effects of the Oil Well on seabed and water characteristics.

Analogue Interpretation

Flat homogeneous sediment, mottled reflectivity.

Sediment Description

Muddy sand with minor proportions of shell debris and occasional burrows.

Conspicuous Fauna

Cnidaria: *Pennatula phosphorea* , *Virgularia mirabilis* , *Actiniaria* sp. **Arthropoda:** *Pagurus bernhardus* , *Cancer maenus* . **Mollusca:** *Aequipecten opercularis* , *Buccinum undatum* . **Chordata:** *Limanda limanda* , *Gadus morhua* , *Amblyraja radiata* , *Gadidae* sp.

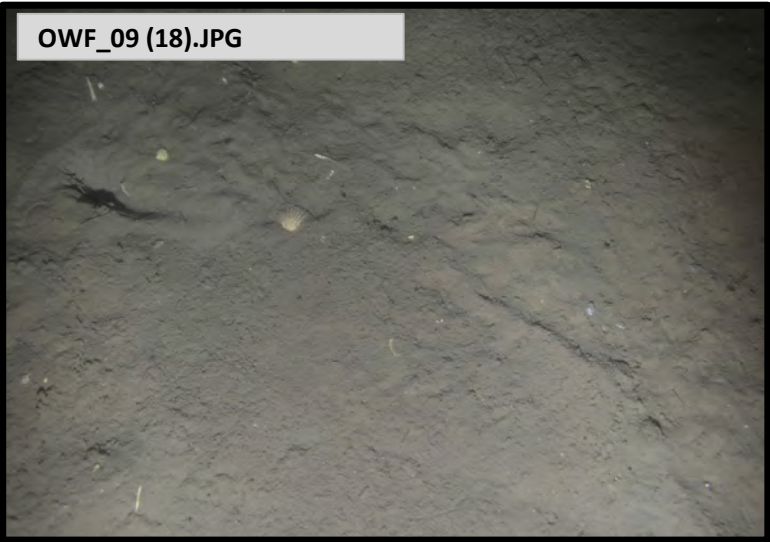


Photo Position: 399169 mE, 6339190 mN

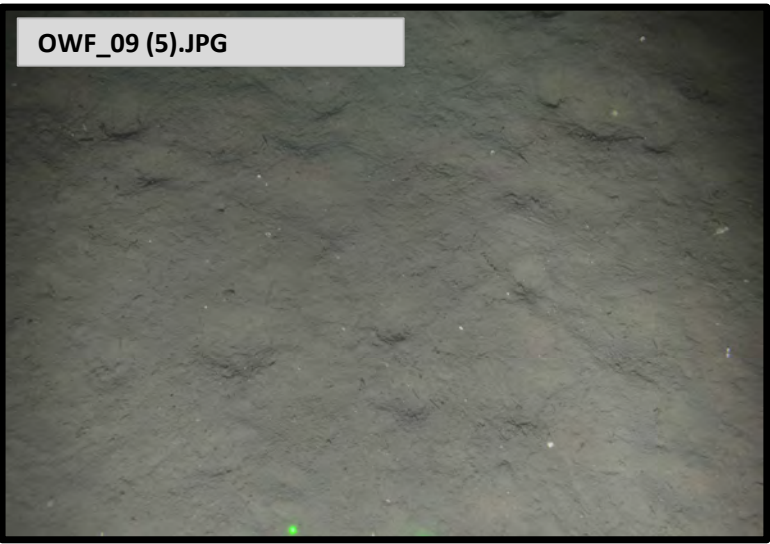
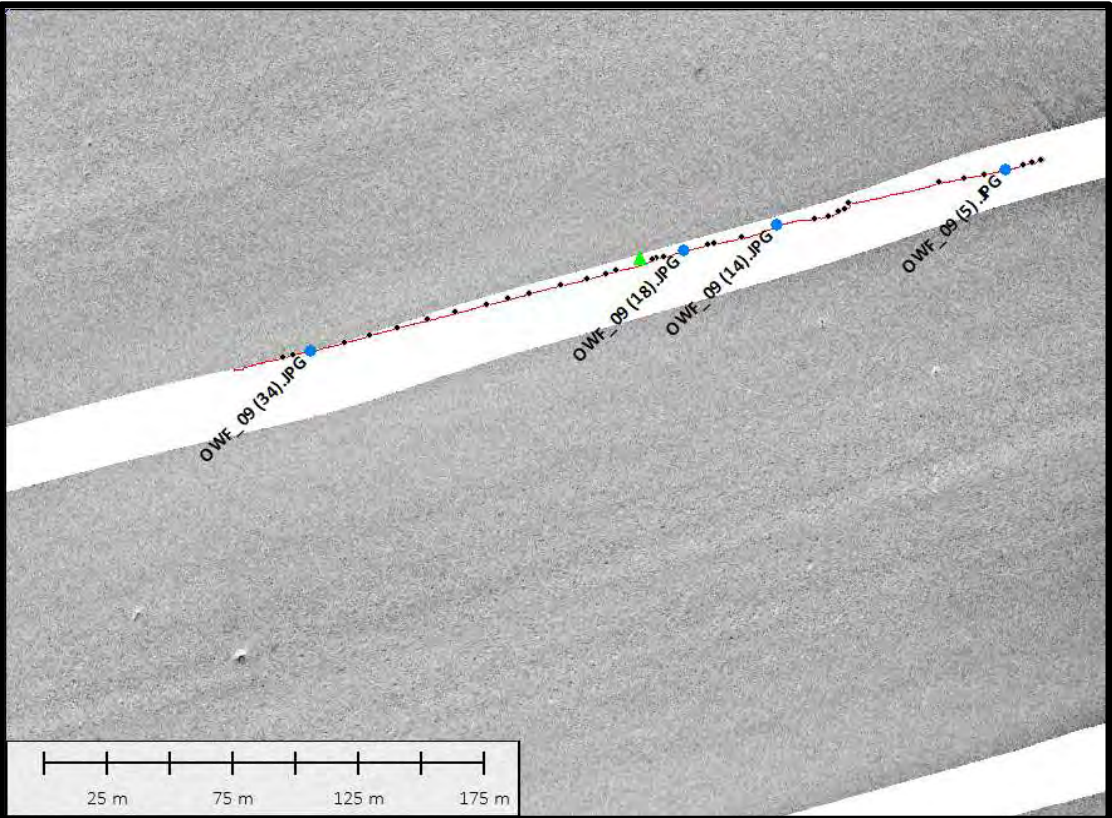


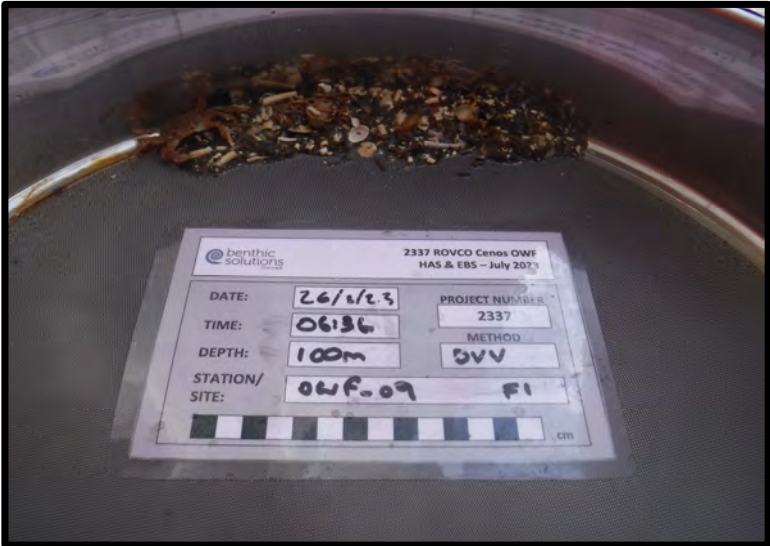
Photo Position: 399298 mE, 6339223 mN



Client

Contractor

▲ Grab Location ● UW Image ● UW Featured Image ~ UW Video Track



Sieved Sample Image

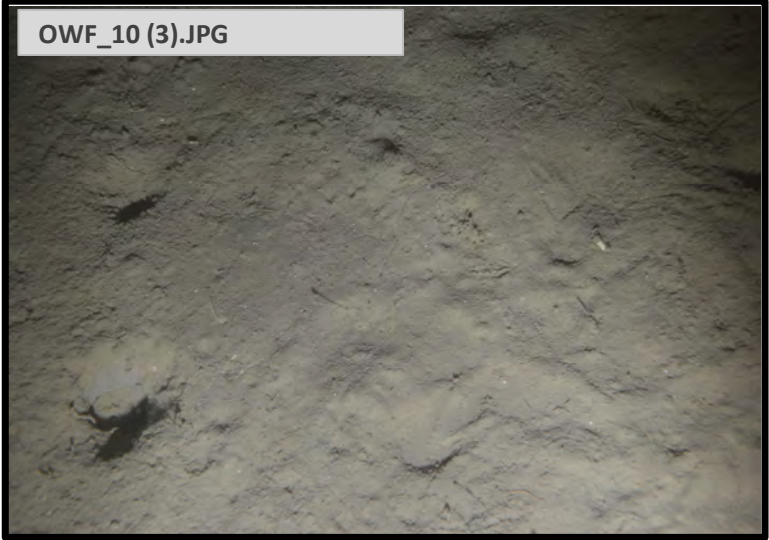


Photo Position: 398469 mE, 6337930 mN

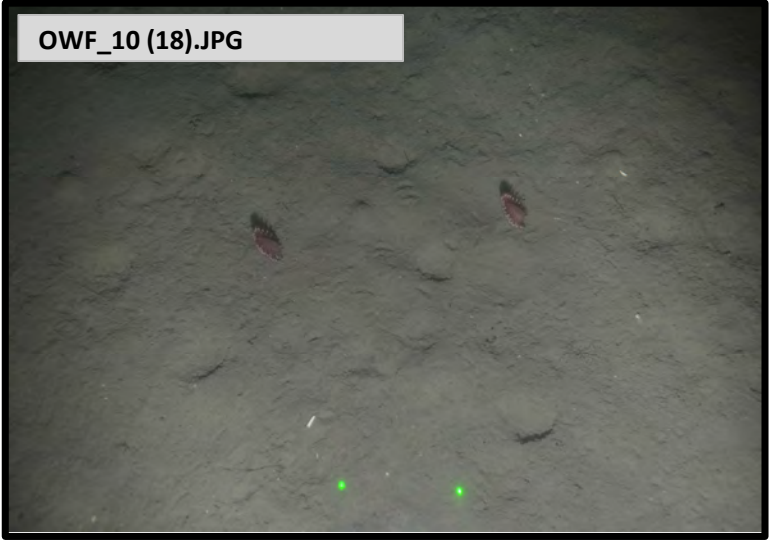


Photo Position: 398324 mE, 6337899 mN



Photo Position: 398218 mE, 6337873 mN

Habitat Summary Information: OWF_010

Survey Area: Central North Sea

No. of Stills: 38

Mins of Video: 22:10

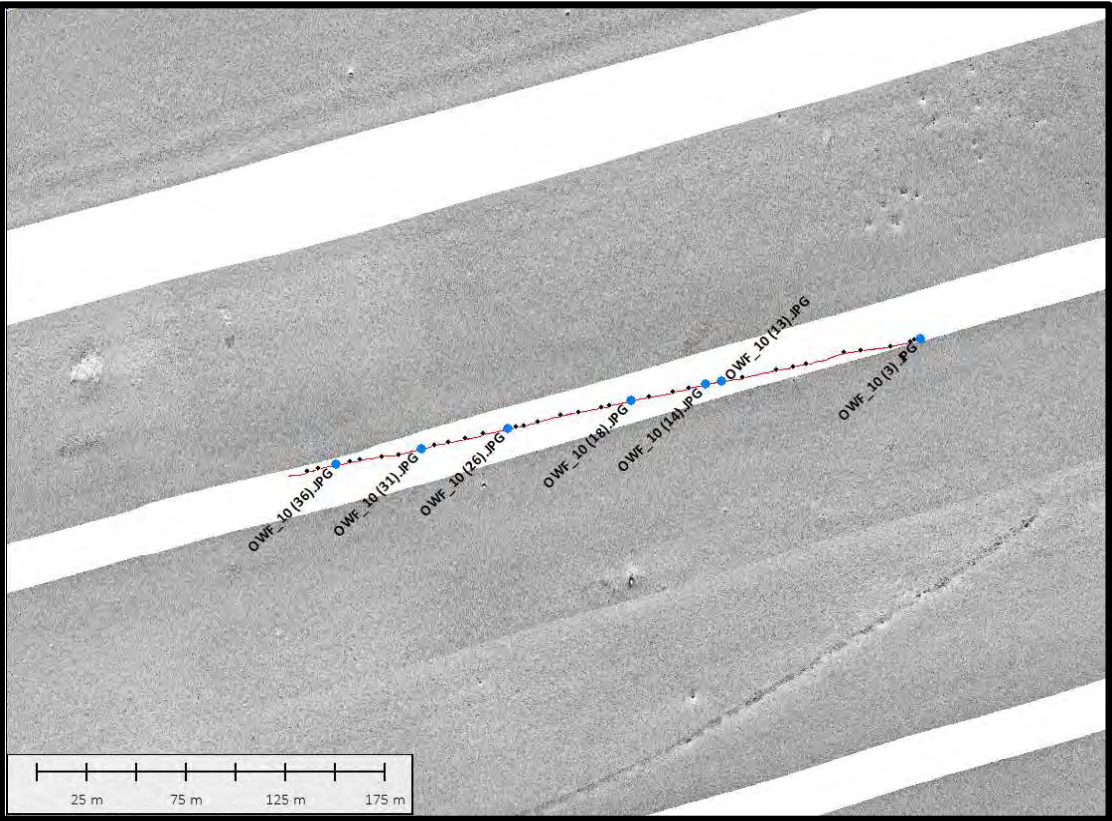
Track Length: 342.86m

Site Selection Criteria
Positioned in area of previous JNCC Grab Sampling. Known presence for seapen megafauna (JNCC).

Analogue Interpretation
Flat homogeneous sediment, mottled reflectivity, with some cobbles.

Sediment Description
Muddy sand with minor proportions of shell debris and occasional burrows.

Conspicuous Fauna
Cnidaria: *Cerianthus lloydii*, *Pennatula phosphorea*, *Actinaria* sp. **Arthropoda:** *Pagurus bernhardus*, *Cancer maenus*. **Mollusca:** *Buccinum undatum*. **Echinodermata:** *Asterias rubens*, *Astropecten irregularis*. **Chordata:** *Limanda limanda*, *Gadus morhua*, *Amblyraja radiata*, *Myxine glutinosa*, *Gadidae* sp.



Client

Contractor

● UW Image ● UW Featured Image ~ UW Video Track



Photo Position: 398369 mE, 6337908 mN

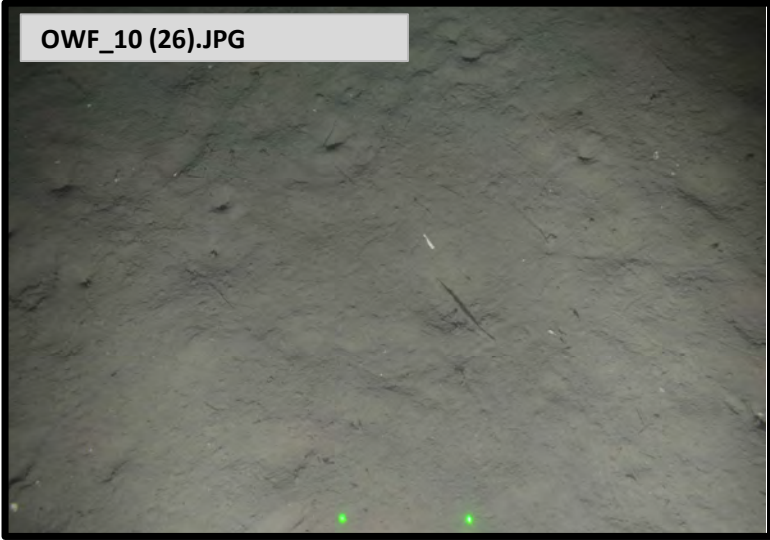


Photo Position: 398261 mE, 6337884 mN

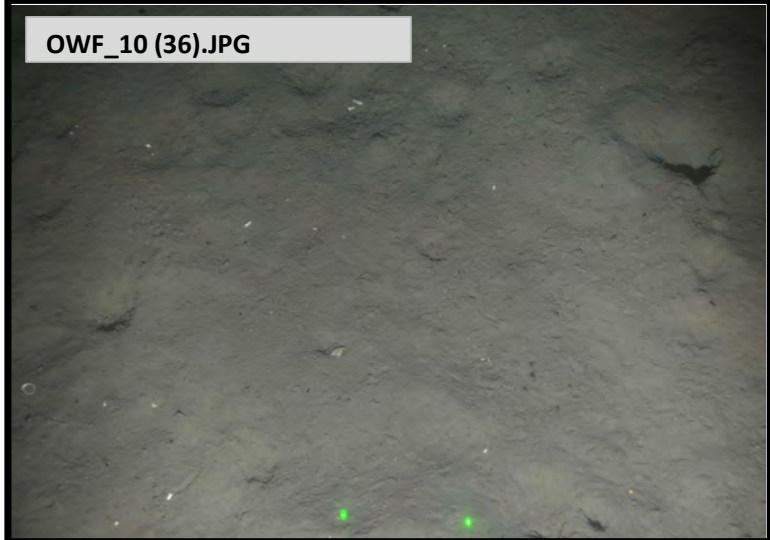


Photo Position: 398175 mE, 6337865 mN

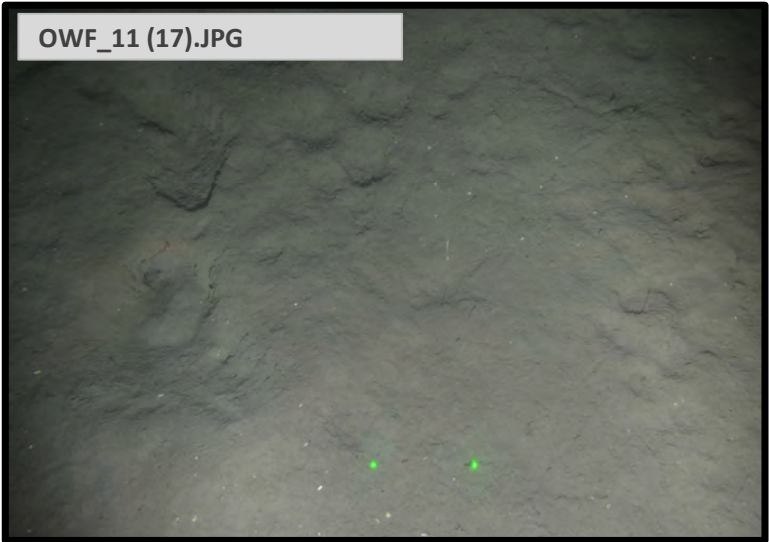


Photo Position: 403095 mE, 6338338 mN



Photo Position: 402953 mE, 6338291 mN



Sediment Example Image

Habitat Summary Information: OWF_011

Survey Area: Central North Sea

No. of Stills: 62

Mins of Video: 27:17

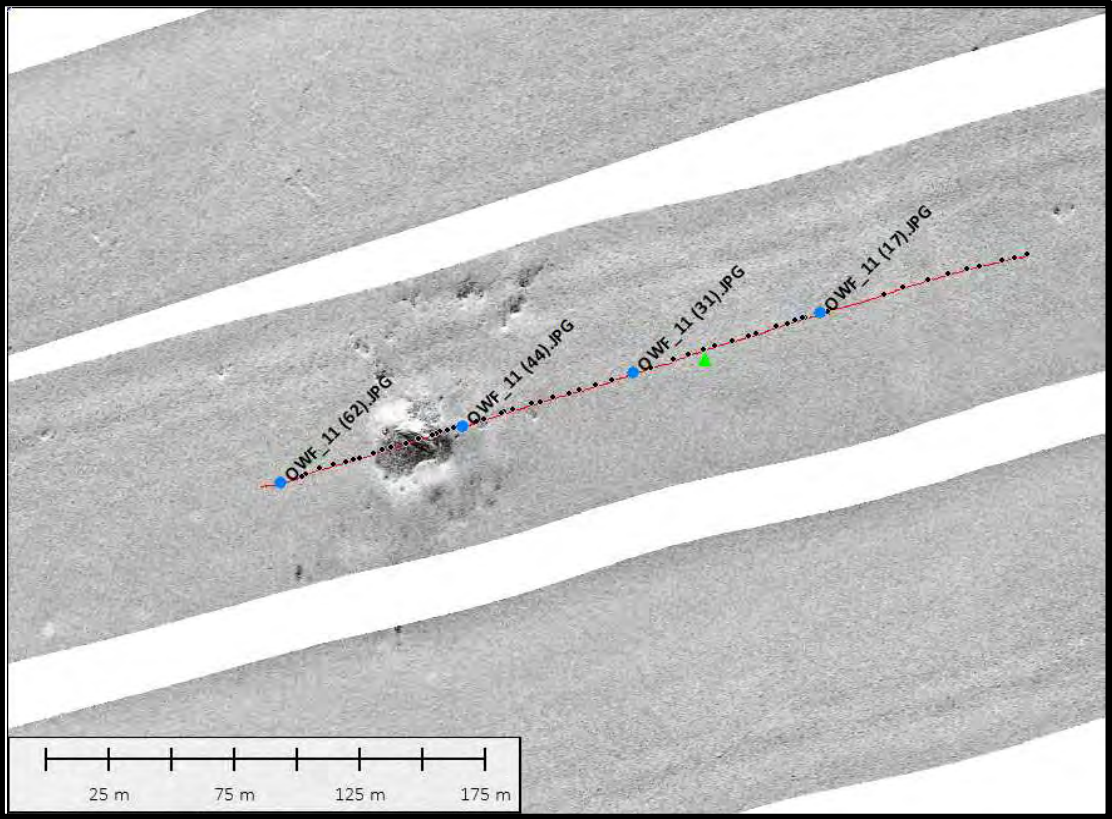
Track Length: 355.42m

Site Selection Criteria
To provide spatial coverage in this area and reduce sampling gaps and target high reflectivity contacts.

Analogue Interpretation
Flat homogeneous sediment, mottled reflectivity, with a patch of coarser sediment and boulders, hard reflective area.

Sediment Description
Muddy sand with minor proportions of shell debris and occasional burrows. Possible anthropogenic habitat along the transect.

Conspicuous Fauna
Cnidaria: *Funiculina quadrangularis*, *Pennatula phosphorea*, *Virgularia mirabilis*, *Actiniaria* sp. **Arthropoda:** *Nephrops norvegicus*, *Pagurus bernhardus*, *Cancer maenus*. **Mollusca:** *Aequipecten opercularis*, *Buccinum undatum*. **Chordata:** *Limanda limanda*, *Gadus morhua*, *Myxine glutinosa*, *Gadidae* sp. **Cnidaria:** *Hydrozoa* sp.



Client

Contractor

▲ Grab Location ● UW Image ● UW Featured Image ~ UW Video Track

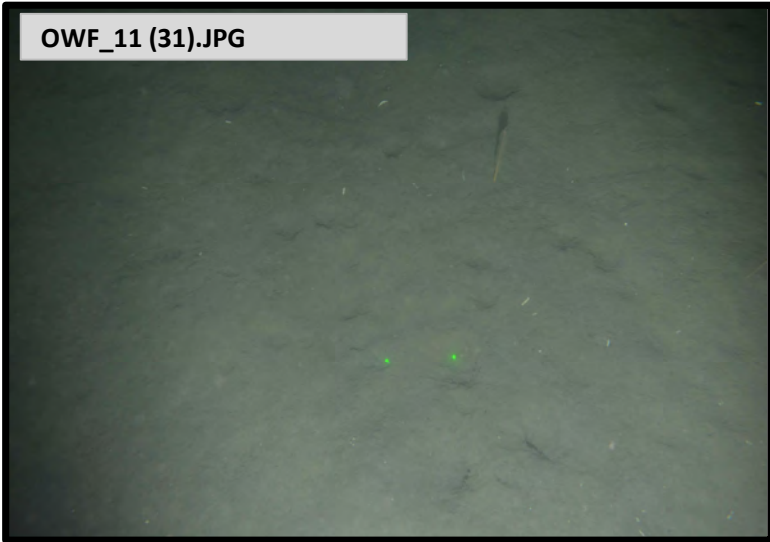


Photo Position: 403021 mE, 6338313 mN

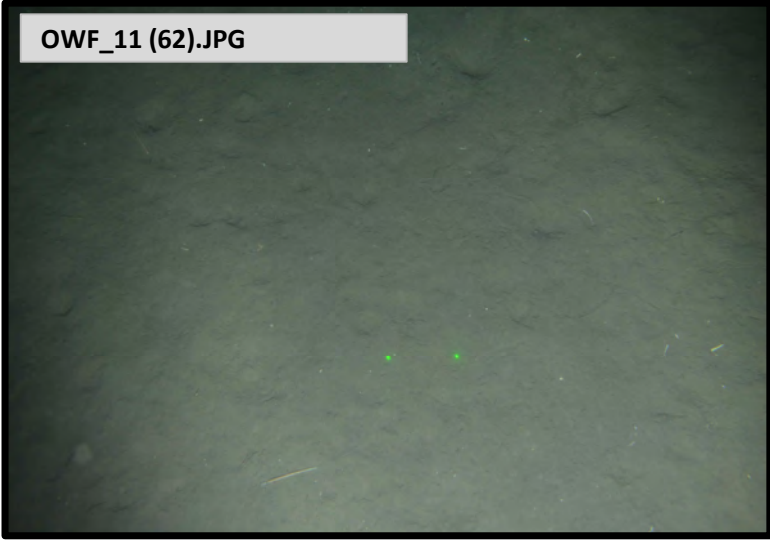
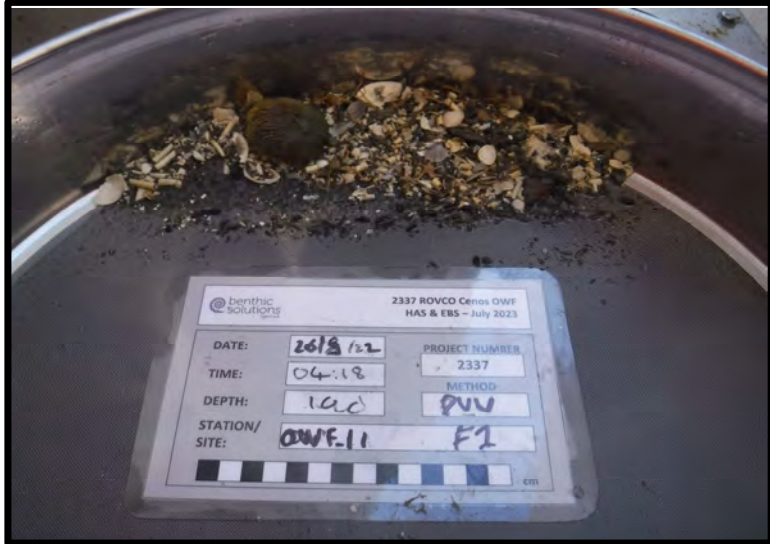


Photo Position: 402880 mE, 6338268 mN



Sieved Sample Image

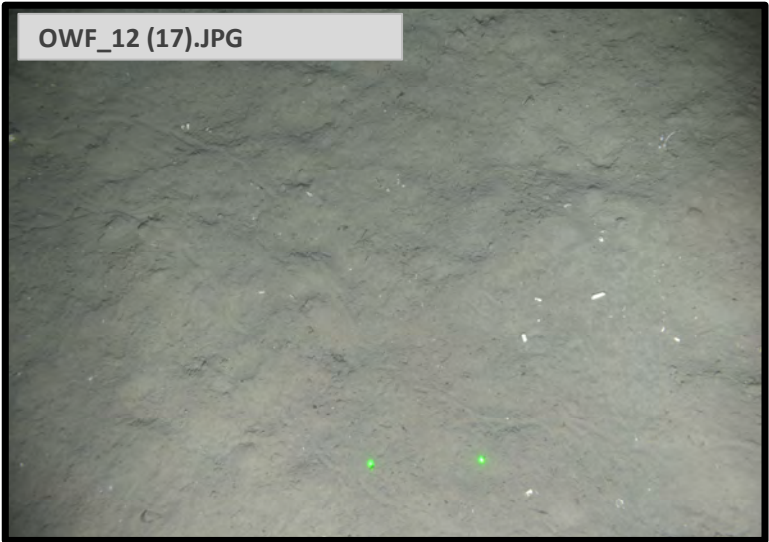


Photo Position: 407901 mE, 6335991 mN

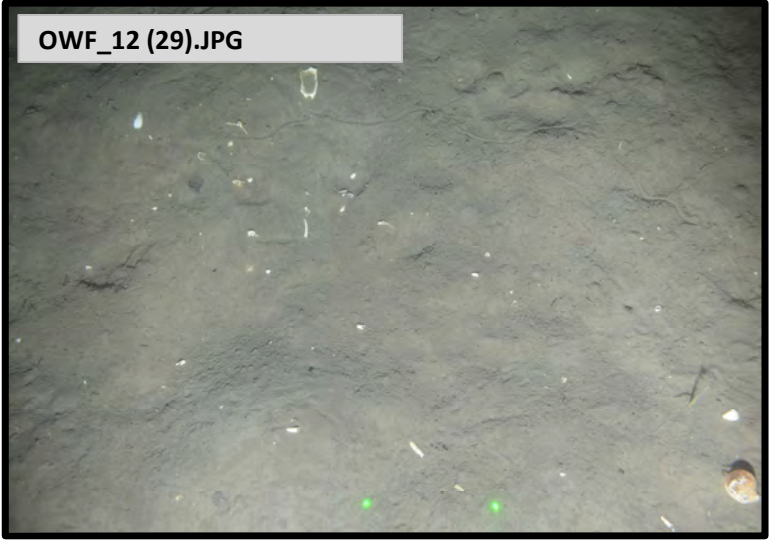


Photo Position: 407792 mE, 6335946 mN



Sediment Example Image

Habitat Summary Information: OWF_012

Survey Area: Central North Sea

No. of Stills: 35

Mins of Video: 24:17

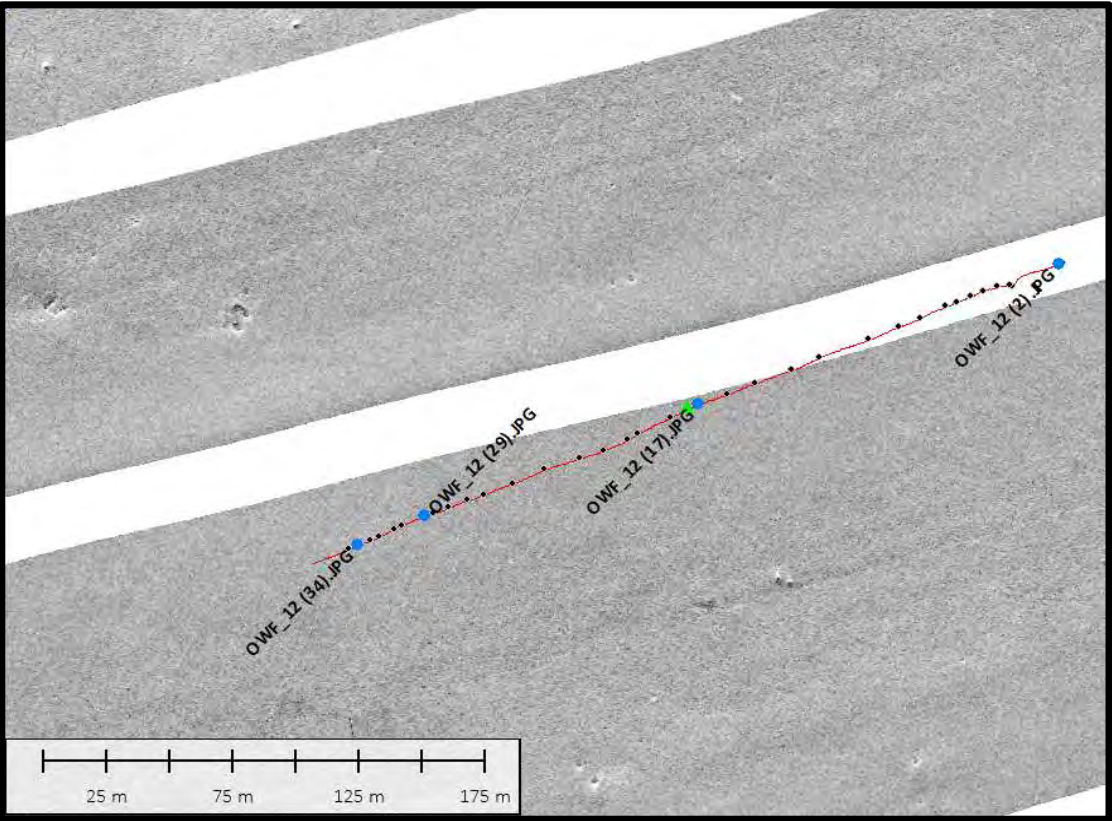
Track Length: 341.25m

Site Selection Criteria
Proximity to Oil Well (c. 1000 m distance). To assess changes in benthic characteristics as move away from potential areas of contamination.

Analogue Interpretation
Flat homogeneous sediment, mottled reflectivity.

Sediment Description
Muddy sand with minor proportions of shell debris and occasional burrows.

Conspicuous Fauna
Cnidaria: *Pennatula phosphorea*, *Virgularia mirabilis*, *Actiniaria* sp. **Arthropoda:** *Pagurus bernhardus*, *Cancer maenus*. **Mollusca:** *Buccinum undatum*. **Echinodermata:** *Asteriidae* sp. **Chordata:** *Limanda limanda*, *Gadus morhua*. **Cnidaria:** *Hydrozoa* sp.



Client

Contractor

▲ Grab Location ● UW Image ● UW Featured Image ~ UW Video Track

Geodetic Information: Datum: WGS84 Projection: UTM Zone: 31 North Central Meridian: 3° East



Photo Position: 408044 mE, 6336048 mN

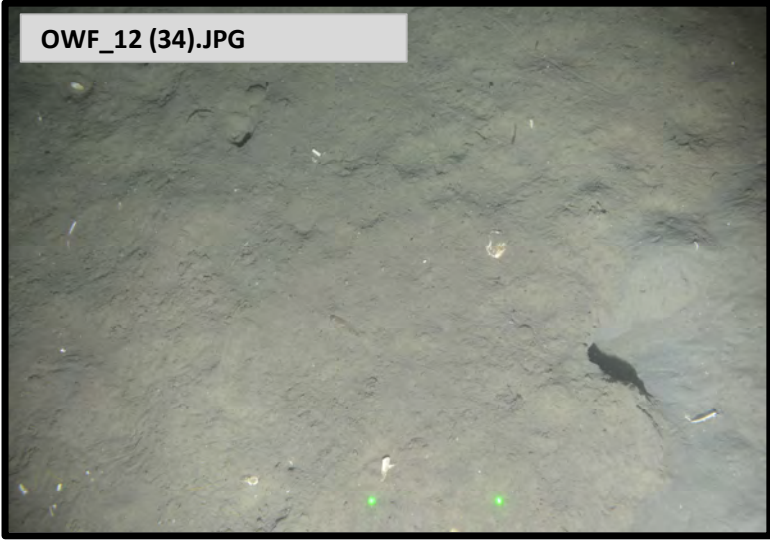


Photo Position: 407766 mE, 6335934 mN



Sieved Sample Image

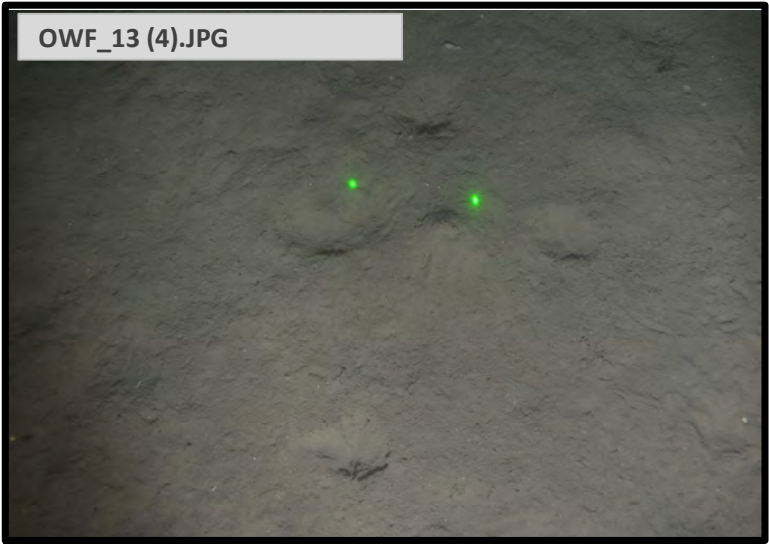


Photo Position: 397152 mE, 6334771 mN

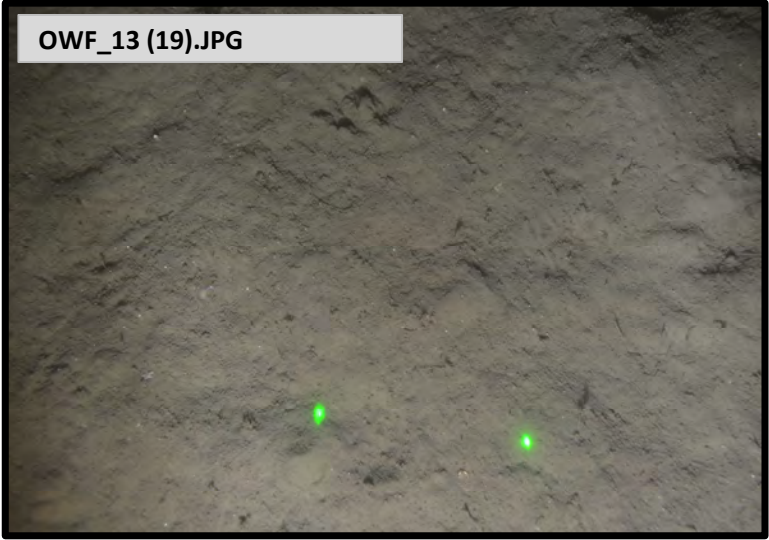


Photo Position: 397115 mE, 6334845 mN

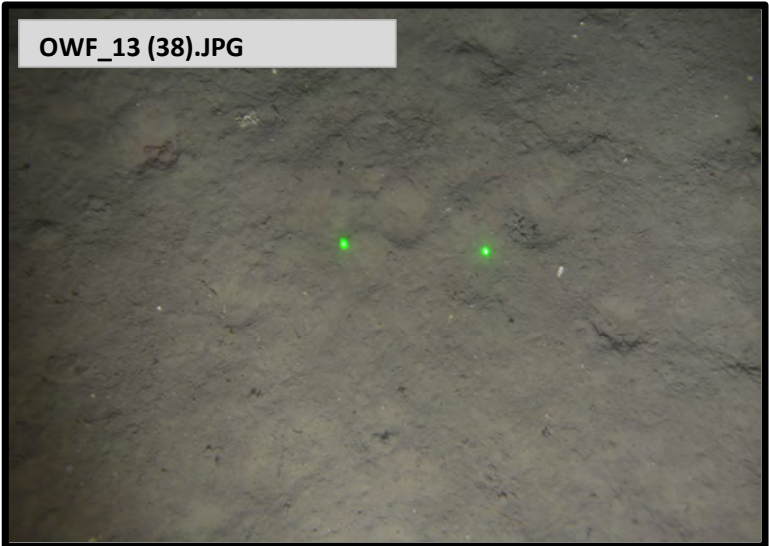


Photo Position: 397038 mE, 6334992 mN

Habitat Summary Information: OWF_013

Survey Area: Central North Sea

No. of Stills: 47

Mins of Video: 32:04

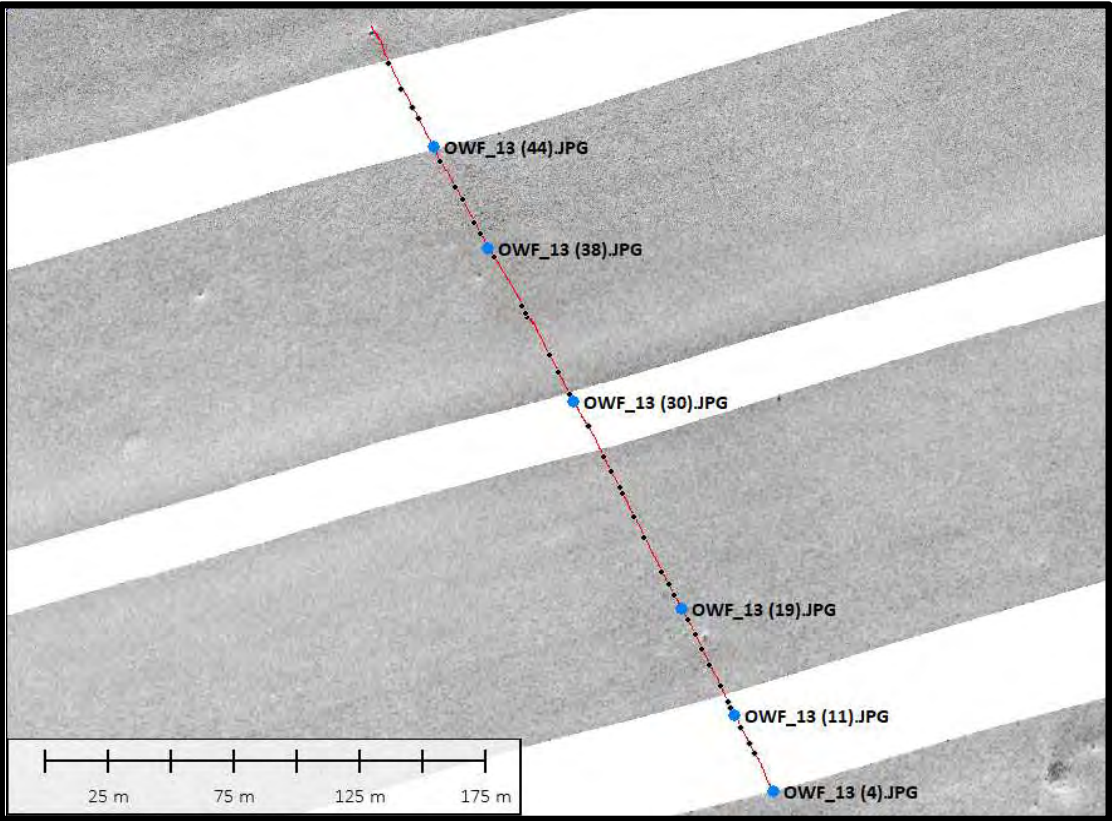
Track Length: 408.63m

Site Selection Criteria
Positioned in area of previous JNCC Grab/DDV Sampling.

Analogue Interpretation
Flat homogeneous sediment, mottle reflectivity.

Sediment Description
Muddy sand with minor proportions of shell debris and occasional burrows.

Conspicuous Fauna
Cnidaria: *Funiculina quadrangularis*, *Pennatula phosphorea*, Hydrozoa sp, Actiniaria sp. **Arthropoda:** *Nephrops norvegicus*, *Caridea* sp, *Cancer maenus*. **Mollusca:** *Aequipecten opercularis*, *Buccinum undatum*. **Chordata:** *Limanda limanda*, *Amblyraja radiata*, *Myxine glutinosa*, Gadidae sp.



Client

Contractor

● UW Image ● UW Featured Image ~ UW Video Track

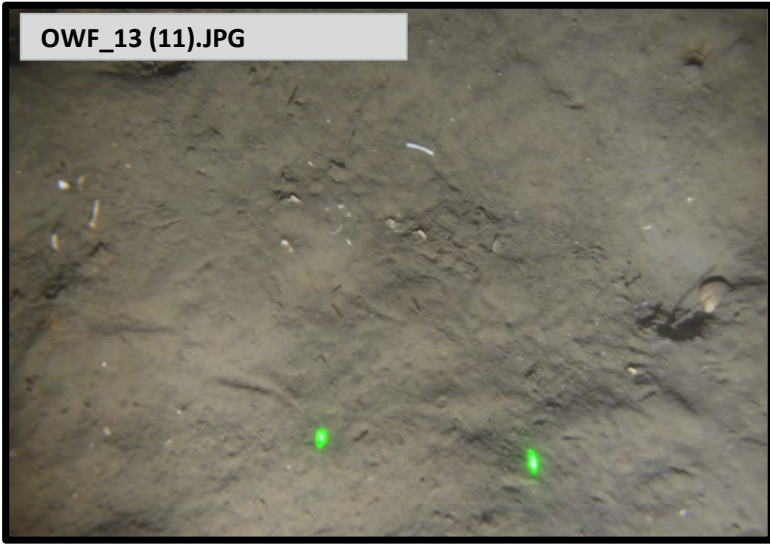


Photo Position: 397136 mE, 6334801 mN

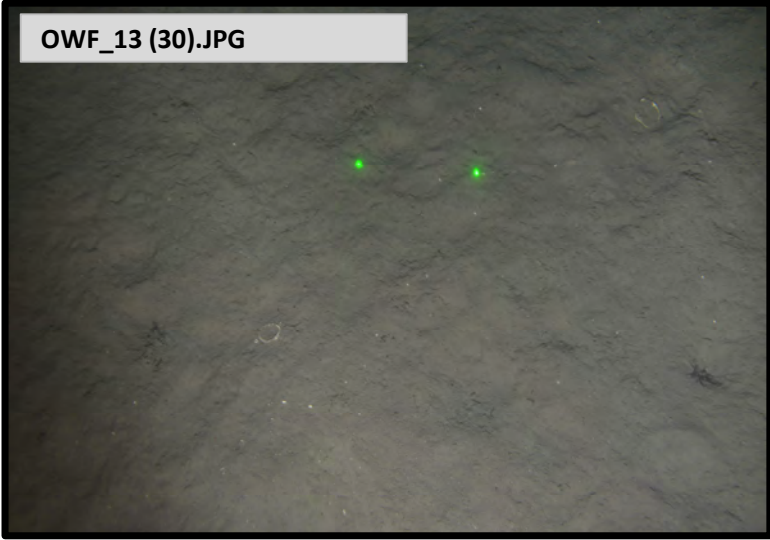


Photo Position: 397072 mE, 6334930 mN



Photo Position: 397016 mE, 6335034 mN

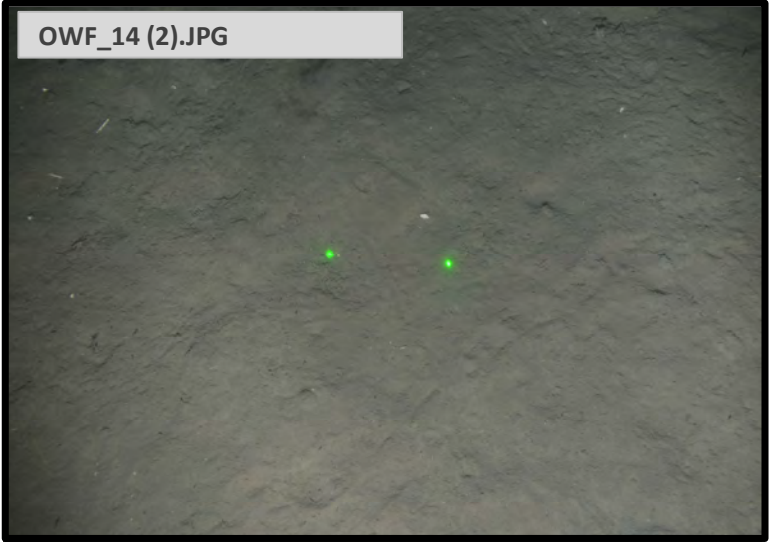


Photo Position: 401139 mE, 6337159 mN

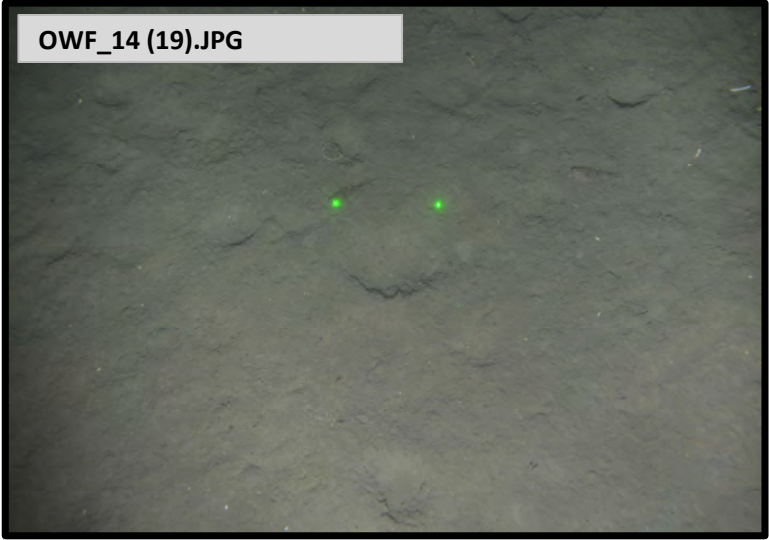


Photo Position: 401300 mE, 6337209 mN



Sediment Example Image

Habitat Summary Information: OWF_014

Survey Area: Central North Sea

No. of Stills: 31 Mins of Video: 25:30 Track Length: 350.67m

Site Selection Criteria

To provide spatial coverage and collect data in proximity of CNSE Cable Route.

Analogue Interpretation

Flat homogeneous sediment, mottled reflectivity.

Sediment Description

Muddy sand with minor proportions of shell debris and occasional burrows.

Conspicuous Fauna

Cnidaria: *Pennatula phosphorea*, *Virgularia mirabilis*. **Arthropoda:** *Nephrops norvegicus*, *Pagurus bernhardus*, *Cancer maenus*. **Mollusca:** *Aequipecten opercularis*. **Echinodermata:** *Asteriidae* sp. **Chordata:** *Gadus morhua*, *Myxine glutinosa*, *Gadidae* sp.

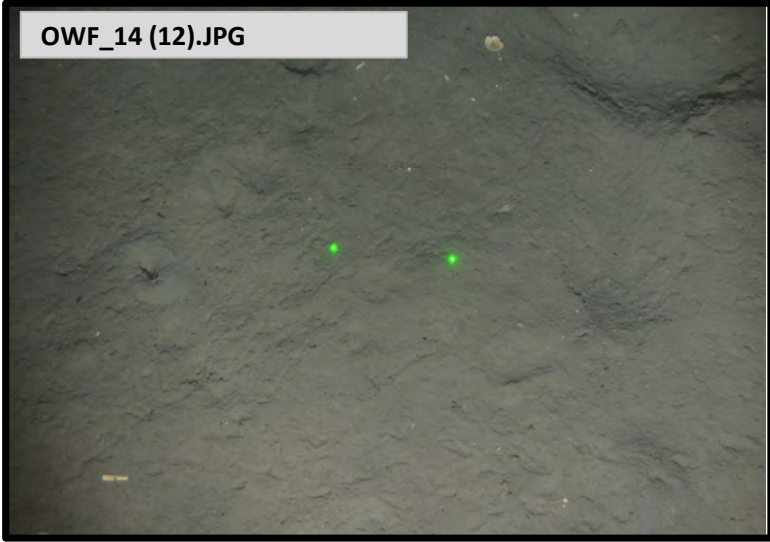


Photo Position: 401244 mE, 6337191 mN

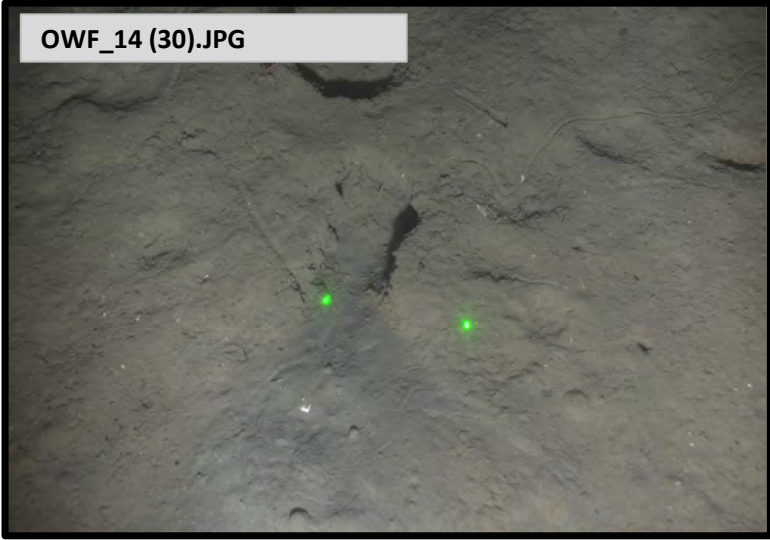
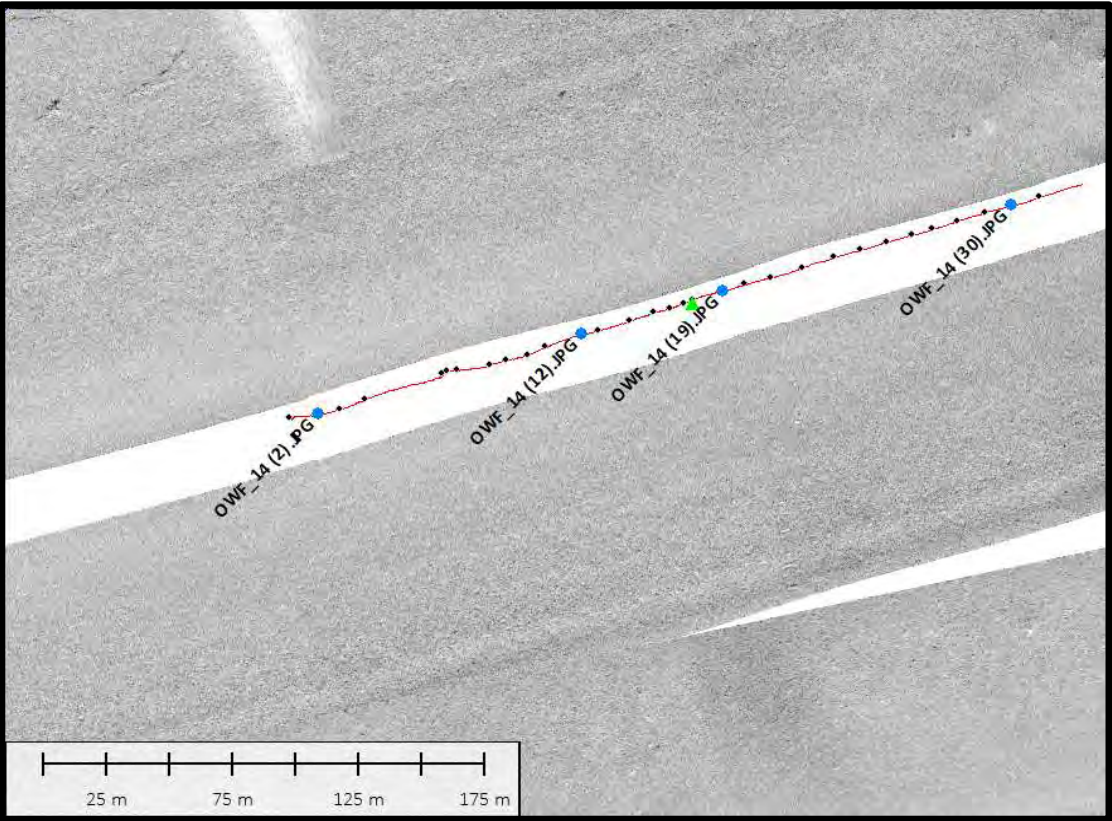


Photo Position: 401414 mE, 6337244 mN



Client

Contractor

▲ Grab Location ● UW Image ● UW Featured Image ~ UW Video Track



Sieved Sample Image

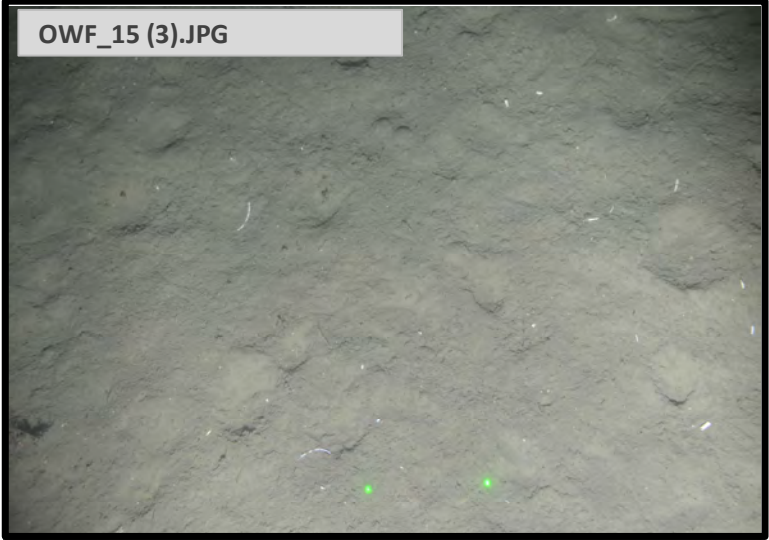


Photo Position: 0 mE, 0 mN

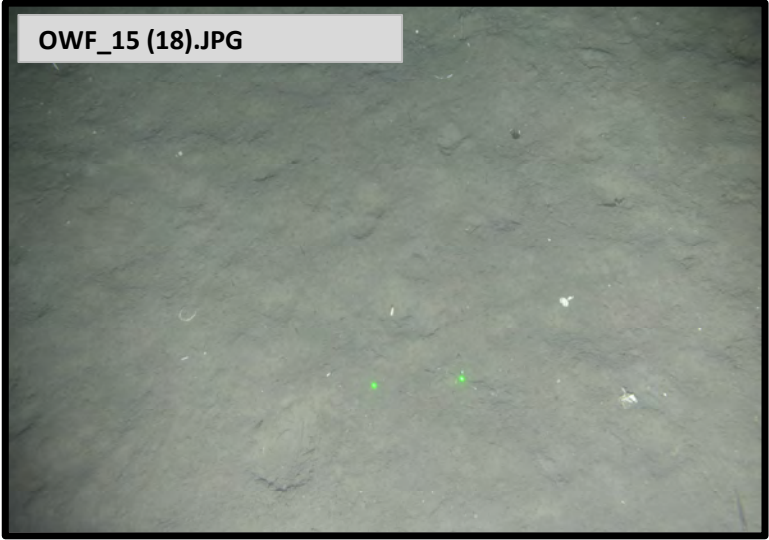


Photo Position: 0 mE, 0 mN



Sediment Example Image

Habitat Summary Information: OWF_015

Survey Area: Central North Sea

No. of Stills: 38

Mins of Video: 23:13

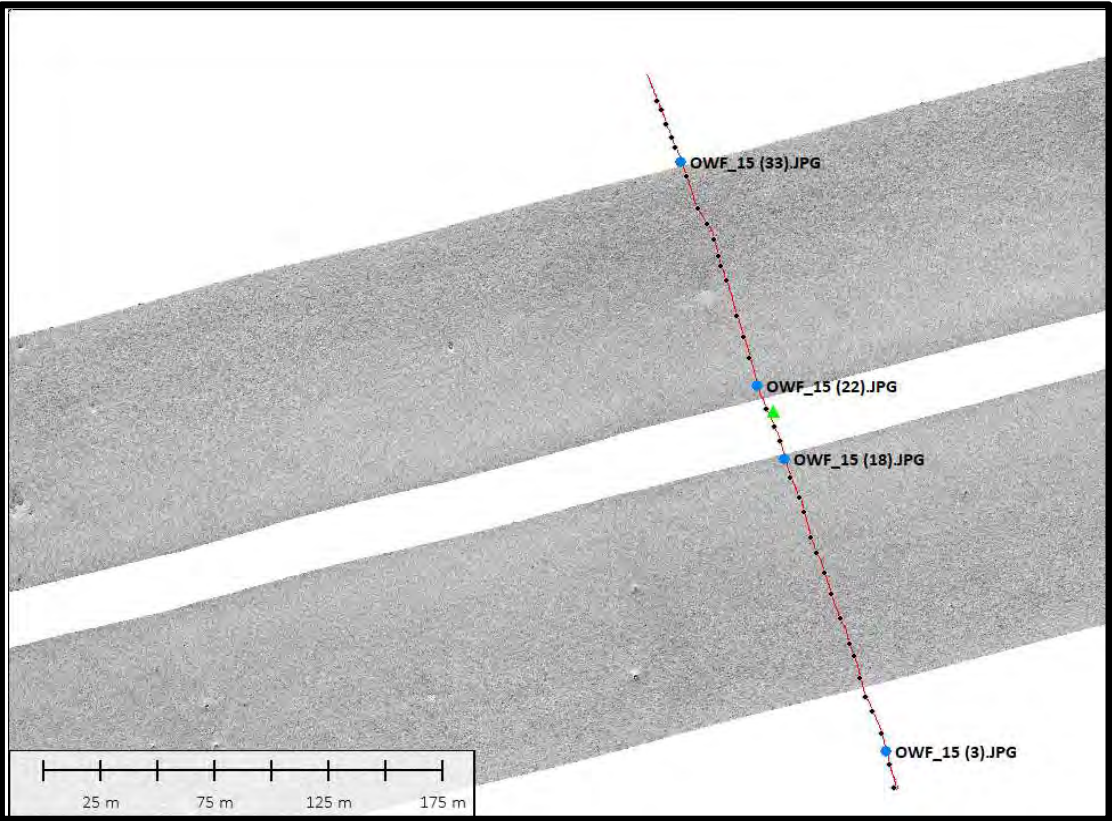
Track Length: 357.18m

Site Selection Criteria
Proximity to Oil Well (c. 500 m distance) - to identify potential effects of the Oil Well on seabed and water characteristics.

Analogue Interpretation
Flat homogeneous sediment, mottled reflectivity.

Sediment Description
Muddy sand with minor proportions of shell debris and occasional burrows.

Conspicuous Fauna
Cnidaria: *Cerianthus lloydii*, *Pennatula phosphorea*, *Virgularia mirabilis*, Hydrozoa sp, Actiniaria sp. **Arthropoda:** *Pagurus bernhardus*, *Cancer maenus*. **Mollusca:** *Aequipecten opercularis*, *Buccinum undatum*. **Echinodermata:** Asteriidae sp. **Chordata:** *Limanda limanda*, *Gadus morhua*, *Myxine glutinosa*, Gadidae sp.



Client

Contractor

▲ Grab Location ● UW Image ● UW Featured Image ~ UW Video Track



Photo Position: 0 mE, 0 mN

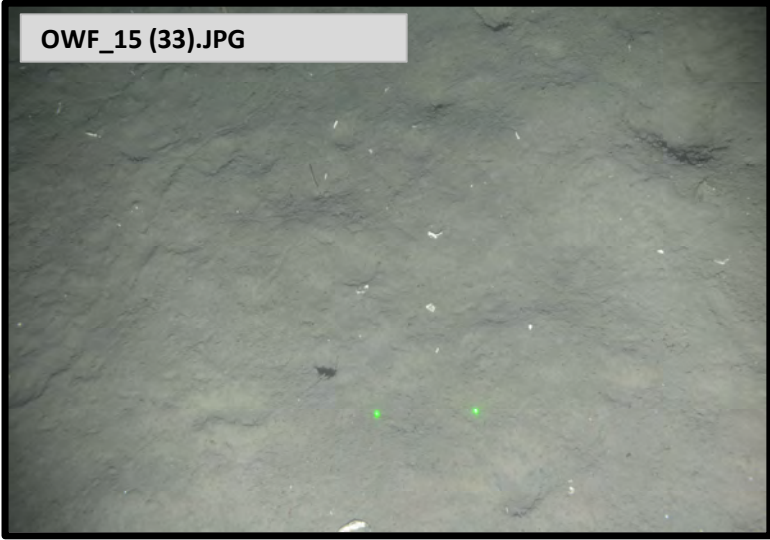


Photo Position: 0 mE, 0 mN



Sieved Sample Image

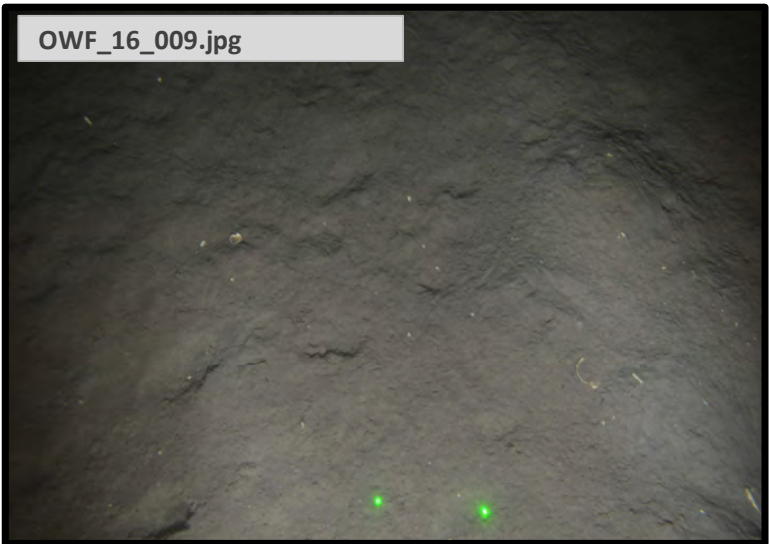


Photo Position: 408246 mE, 6331957 mN

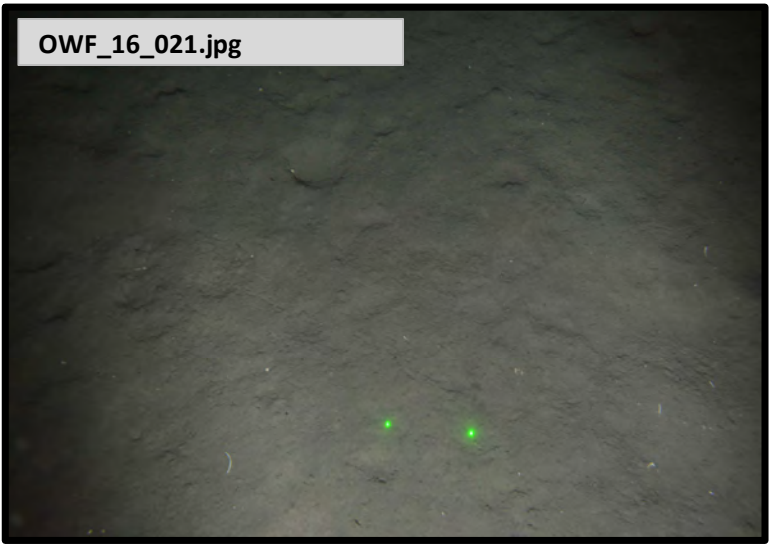


Photo Position: 408370 mE, 6331989 mN

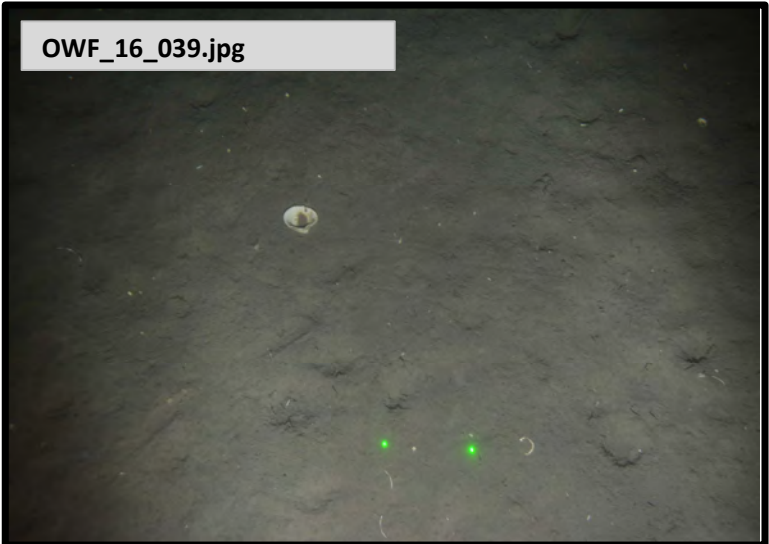


Photo Position: 408497 mE, 6332023 mN

Habitat Summary Information: OWF_016

Survey Area: Central North Sea

No. of Stills: 43

Mins of Video: 22:18

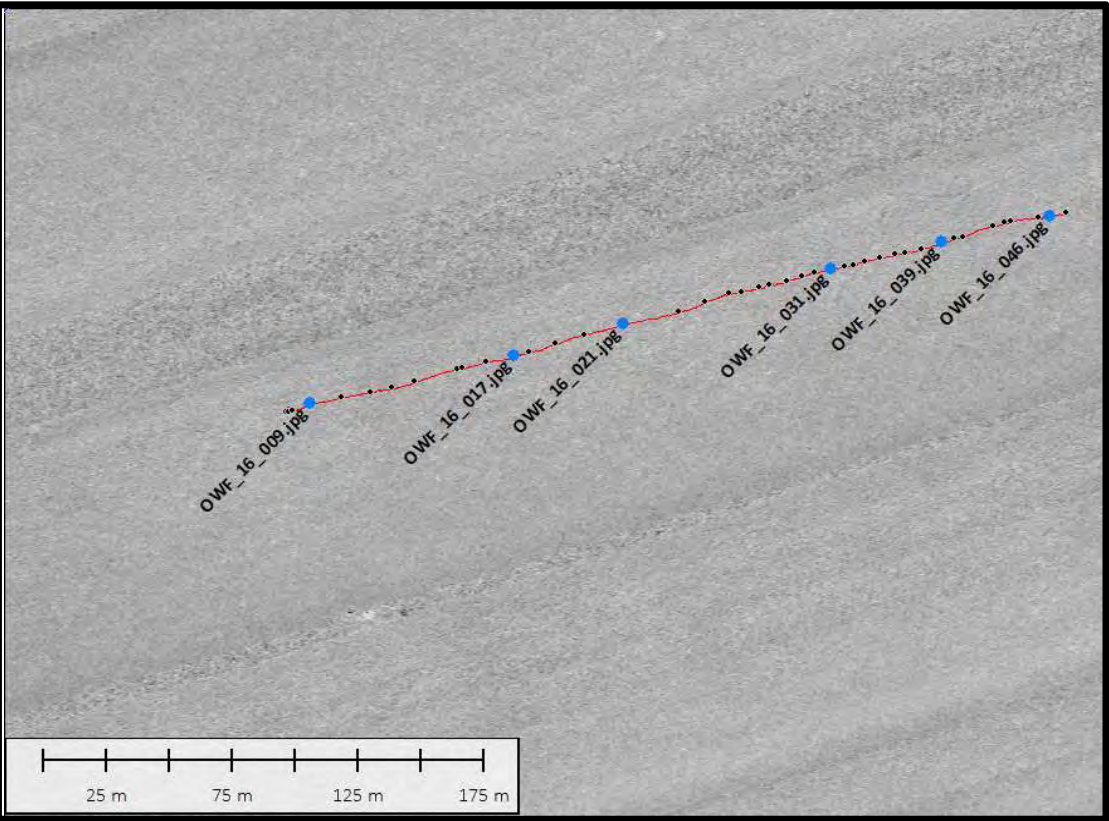
Track Length: 358.93m

Site Selection Criteria
To reduce sampling gap between grab stations.

Analogue Interpretation
Flat homogeneous sediment, mottled reflectivity.

Sediment Description
Muddy sand with minor proportions of shell debris and occasional burrows.

Conspicuous Fauna
Cnidaria: *Funiculina quadrangularis*, *Pennatula phosphorea*, *Actiniaria* sp. **Arthropoda:** *Pagurus bernhardus*, *Cancer maenus*. **Mollusca:** *Aequipecten opercularis*. **Chordata:** *Limanda limanda*, *Gadus morhua*, *Myxine glutinosa*, *Gadidae* sp.



Client

Contractor

● UW Image ● UW Featured Image ~ UW Video Track



Photo Position: 408327 mE, 6331976 mN

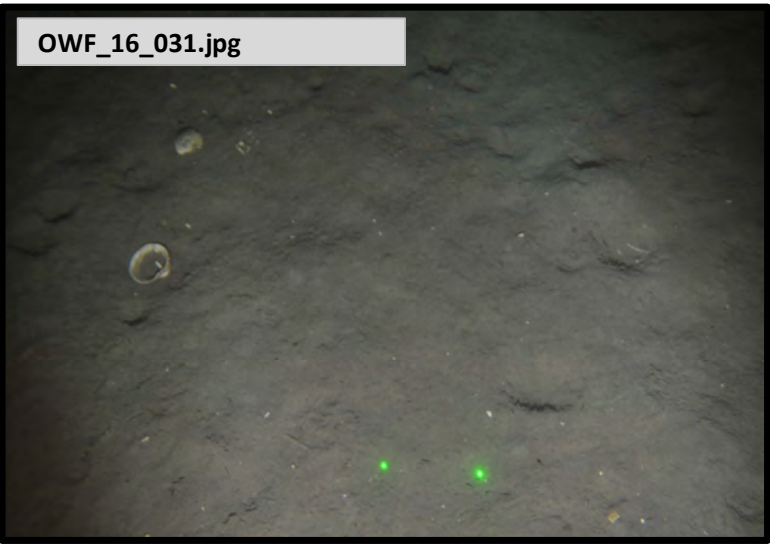


Photo Position: 408453 mE, 6332012 mN

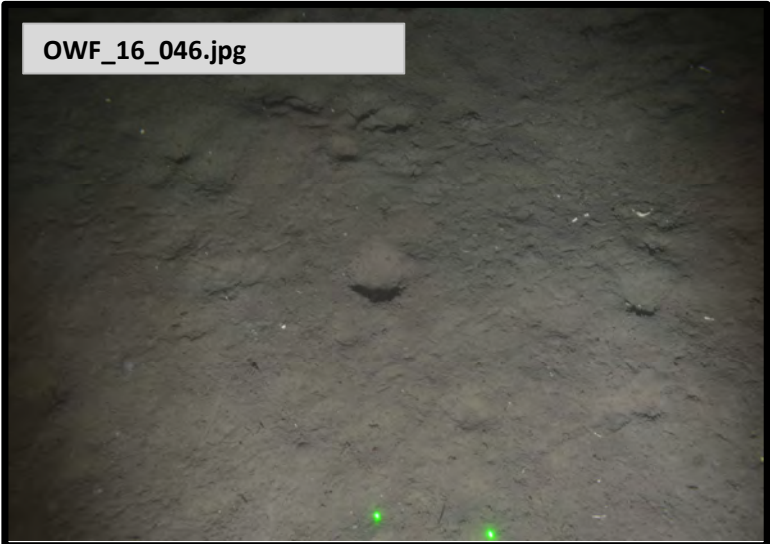


Photo Position: 408540 mE, 6332033 mN

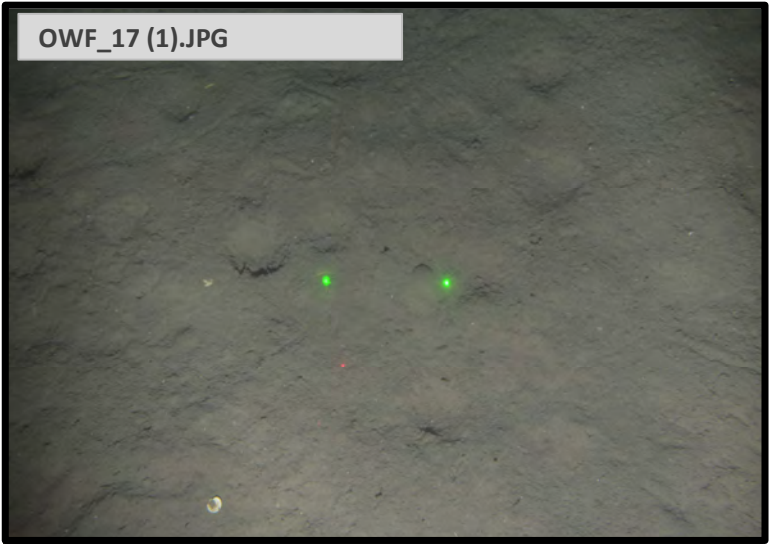


Photo Position: 399195 mE, 6335375 mN

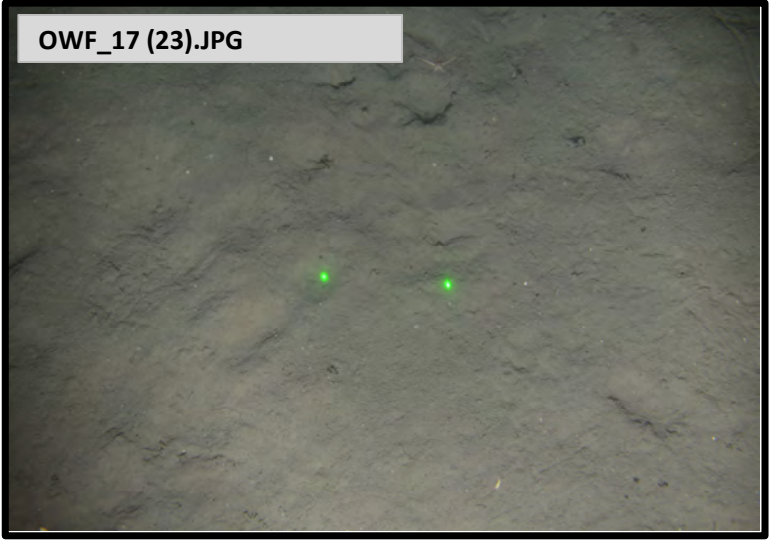


Photo Position: 399106 mE, 6335555 mN



Sediment Example Image

Habitat Summary Information: OWF_017

Survey Area: Central North Sea

No. of Stills: 35

Mins of Video: 24:36

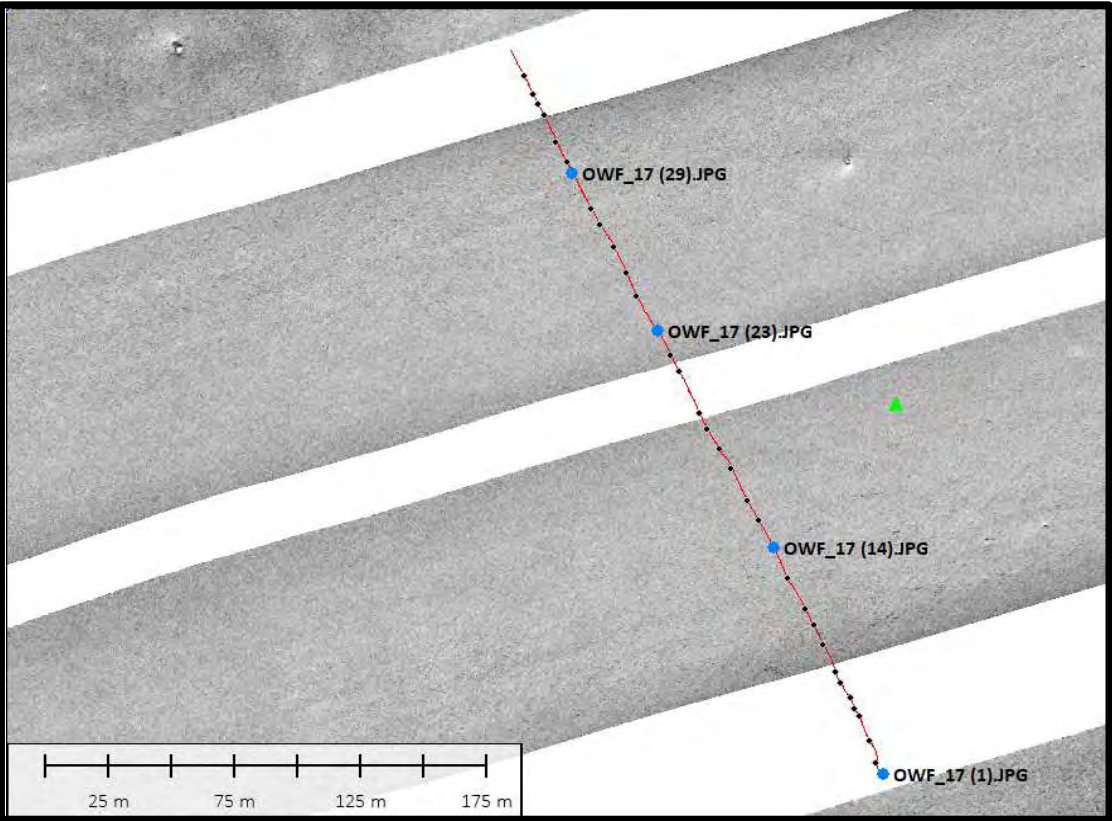
Track Length: 350.71m

Site Selection Criteria
Collect data in proximity of CNSE Cable Route.

Analogue Interpretation
Flat homogeneous sediment, mottled reflectivity.

Sediment Description
Muddy sand with minor proportions of shell debris and occasional burrows.

Conspicuous Fauna
Cnidaria: *Funiculina quadrangularis*, *Pennatula phosphorea*, *Actiniaria* sp. **Arthropoda:** *Pagurus bernhardus*, *Cancer maenus*. **Mollusca:** *Buccinum undatum*. **Echinodermata:** *Astropecten irregularis*. **Chordata:** *Limanda limanda*, *Gadus morhua*, *Myxine glutinosa*, *Gadidae* sp.



Client

Contractor

▲ Grab Location ● UW Image ● UW Featured Image ~ UW Video Track

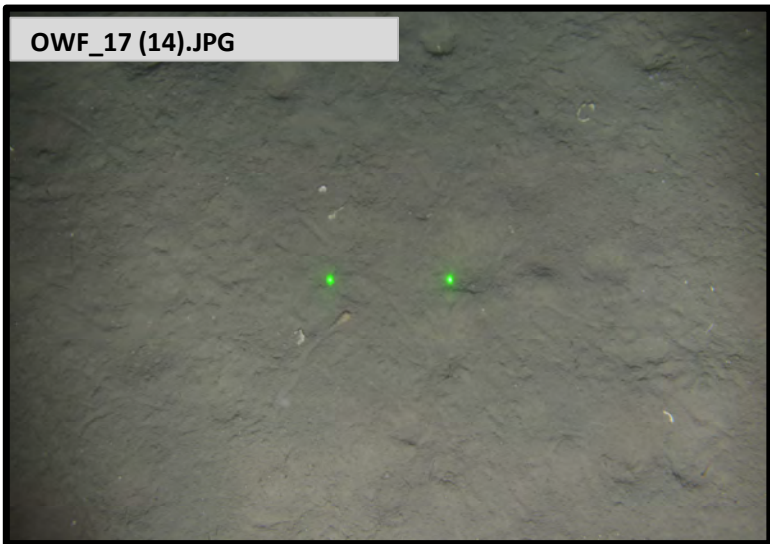


Photo Position: 399152 mE, 6335467 mN

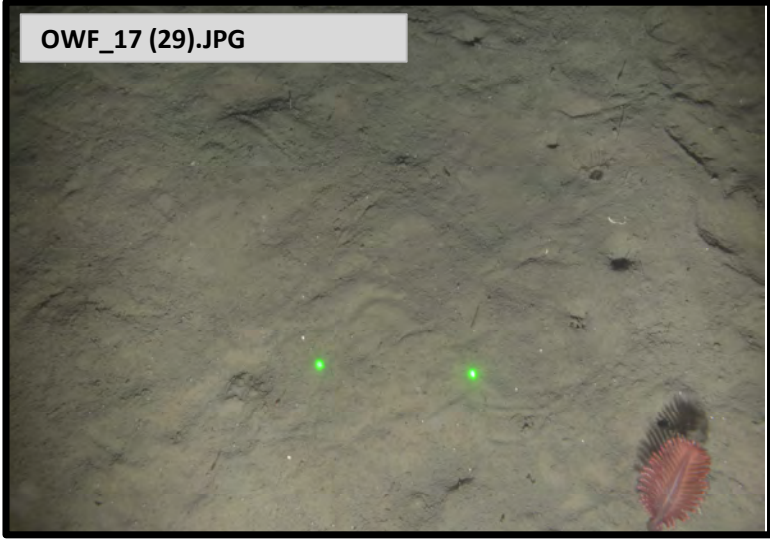


Photo Position: 399072 mE, 6335620 mN



Sieved Sample Image



Photo Position: 403480 mE, 6334711 mN

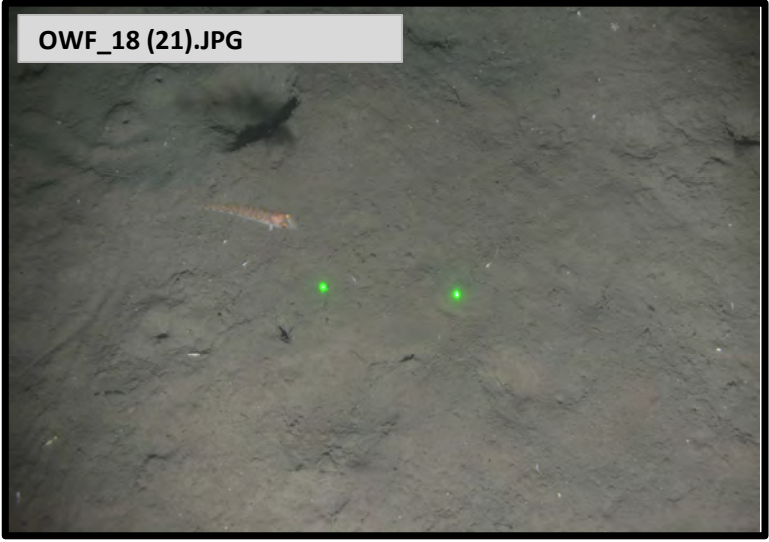


Photo Position: 403684 mE, 6334787 mN



Sediment Example Image

Habitat Summary Information: OWF_018

Survey Area: Central North Sea

No. of Stills: 30

Mins of Video: 21:09

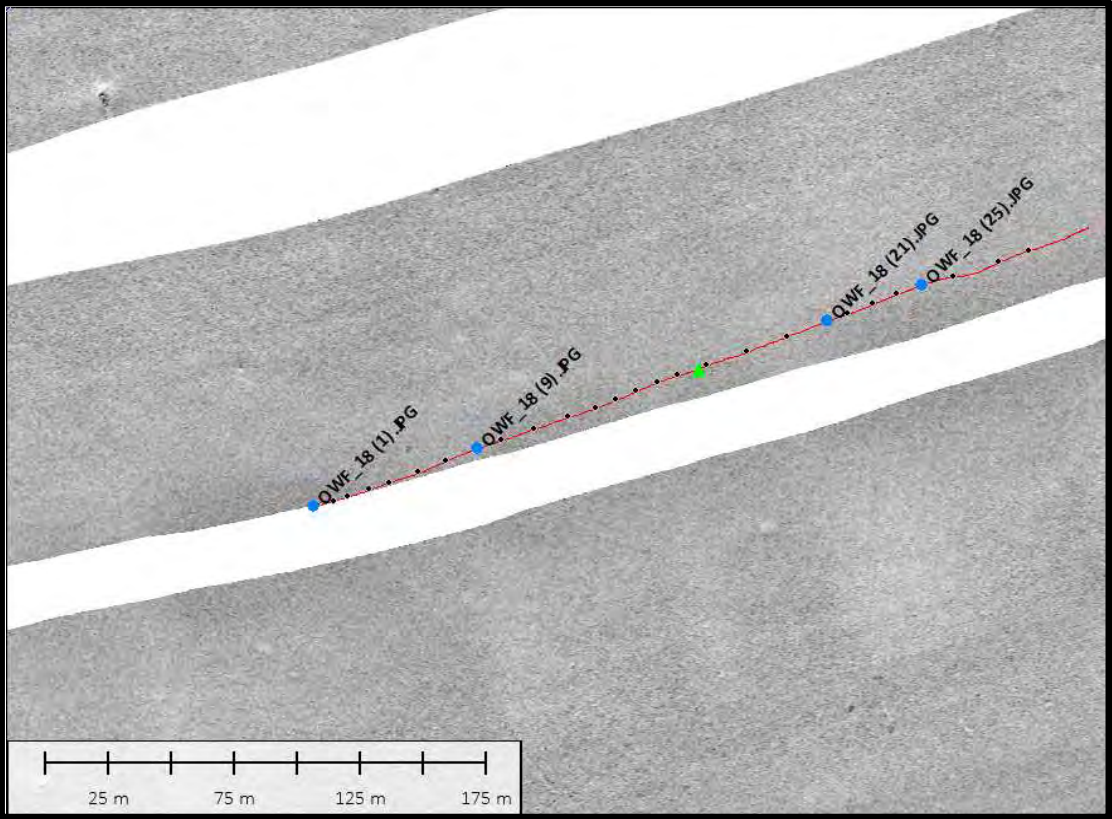
Track Length: 347.68m

Site Selection Criteria
Collect data (full suite) in proximity of CNSE Cable Route. Spatial coverage for this section of the array. Historic JNCC grab/DDV sampling site.

Analogue Interpretation
Flat homogeneous sediment, mottled reflectivity.

Sediment Description
Muddy sand with minor proportions of shell debris and occasional burrows.

Conspicuous Fauna
Cnidaria: *Funiculina quadrangularis*, *Pennatula phosphorea*, Hydrozoa sp, Actiniaria sp. **Arthropoda:** *Pagurus bernhardus*, *Cancer maenus*. **Mollusca:** *Aequipecten opercularis*, *Buccinum undatum*, Gastropoda sp. **Echinodermata:** Asteroiidae sp. **Chordata:** *Limanda limanda*, *Myxine glutinosa*.



Client

cenos

Contractor

benthic solutions limited

Geodetic Information: Datum: WGS84 Projection: UTM Zone: 31 North Central Meridian: 3° East

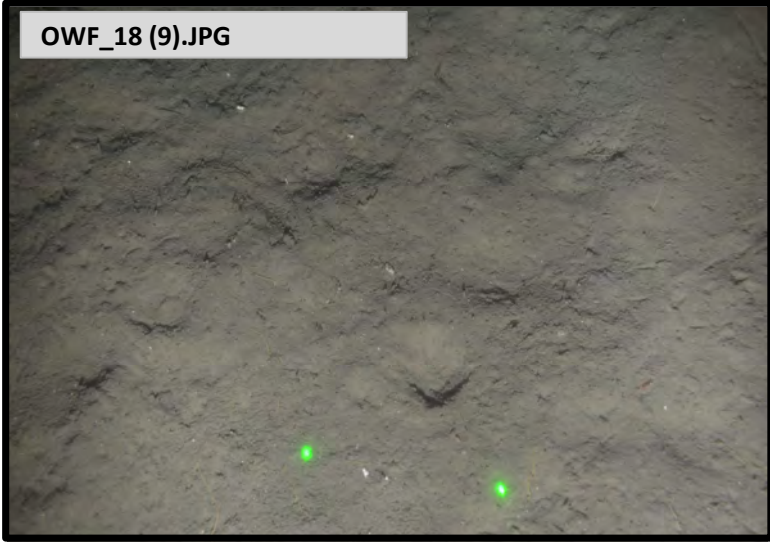


Photo Position: 403545 mE, 6334735 mN

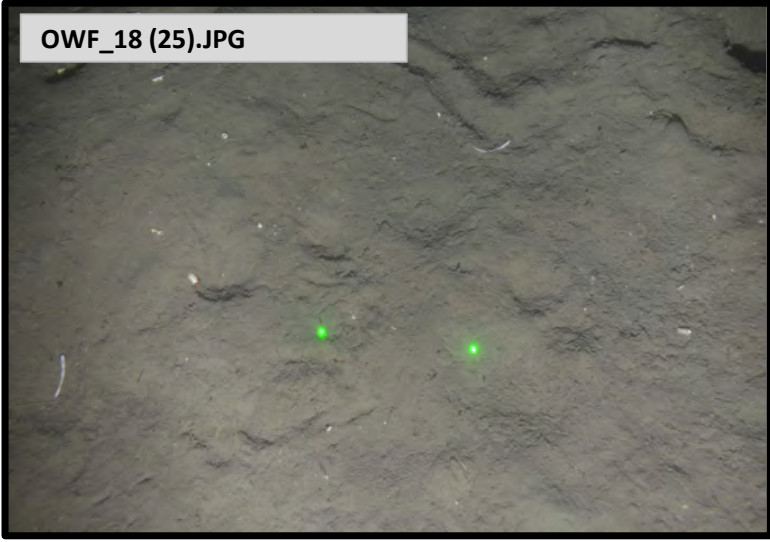


Photo Position: 403722 mE, 6334801 mN



Sieved Sample Image

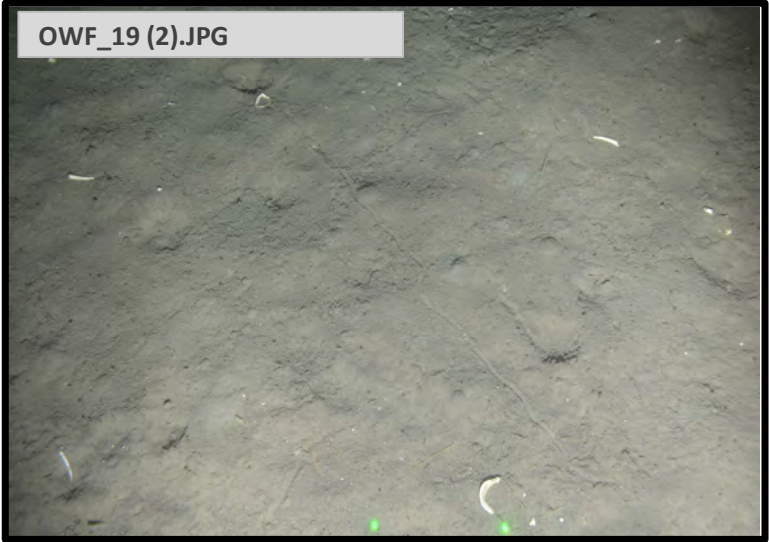


Photo Position: 412143 mE, 6337809 mN

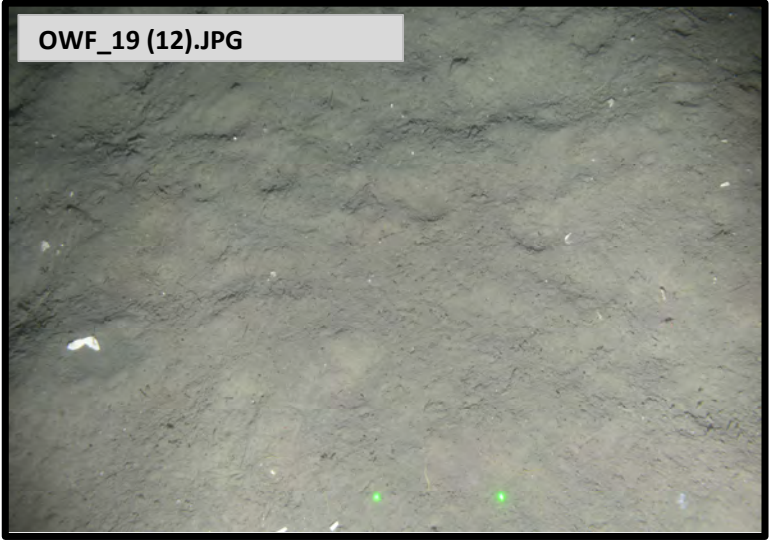


Photo Position: 412054 mE, 6337766 mN

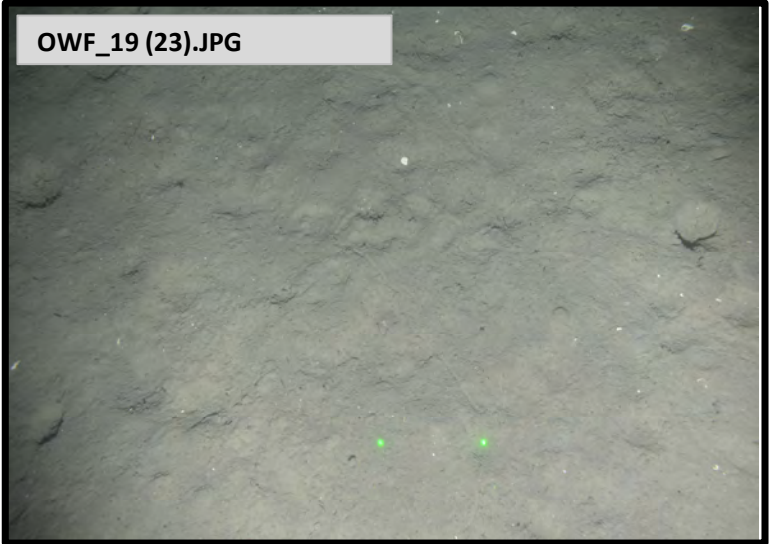


Photo Position: 411975 mE, 6337730 mN

Habitat Summary Information: OWF_019

Survey Area: Central North Sea

No. of Stills: 33 Mins of Video: 24:06 Track Length: 340.82m

Site Selection Criteria

Positioned in area of previous JNCC Grab/DDV Sampling. Additionally, to fill sampling gap at Eastern boundary.

Analogue Interpretation

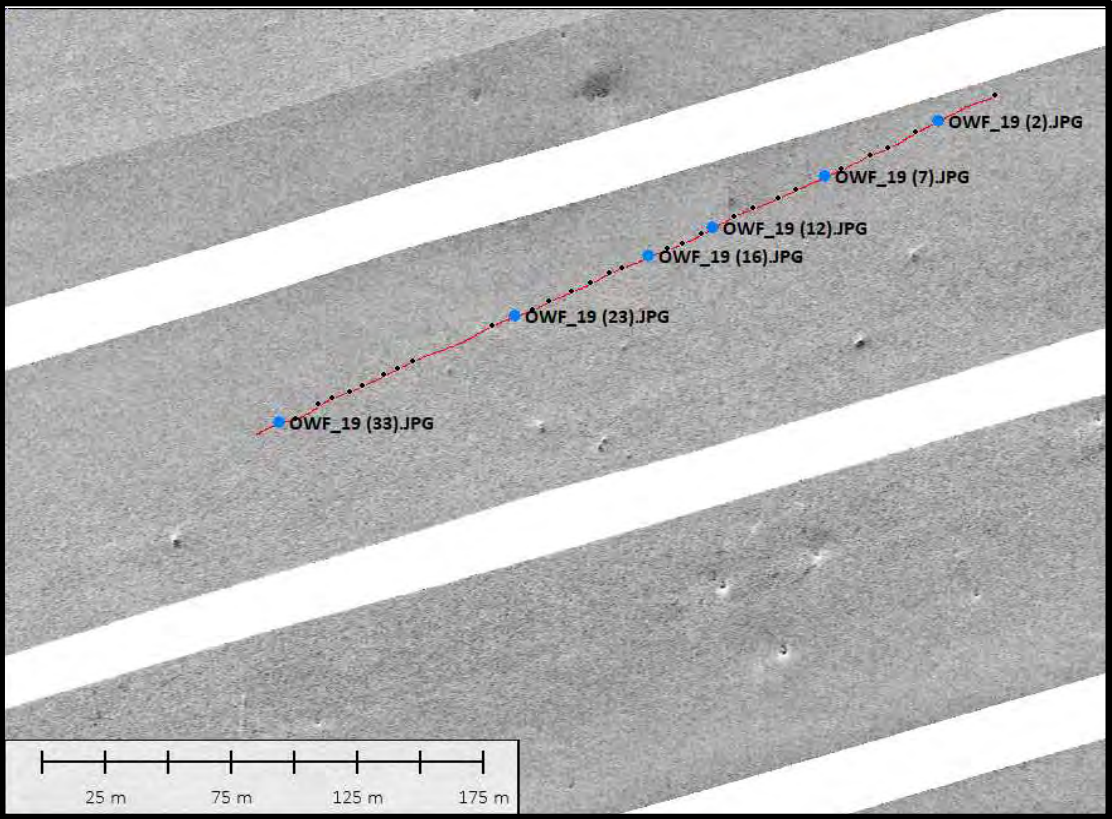
Flat homogeneous sediment, mottled reflectivity, some cobbles.

Sediment Description

Muddy sand w minor proportions of shell fragments, occasional burrows.

Conspicuous Fauna

Cnidaria: *Pennatula phosphorea* , Actiniaria sp. **Arthropoda:** *Pagurus bernhardus* . **Echinodermata:** Asteroiidae sp. **Chordata:** *Limanda limanda* , *Myxine glutinosa* .



Client

Contractor

▲ Grab Location ● UW Image ● UW Featured Image ~ UW Video Track

Geodetic Information: Datum: WGS84 Projection: UTM Zone: 31 North Central Meridian: 3° East

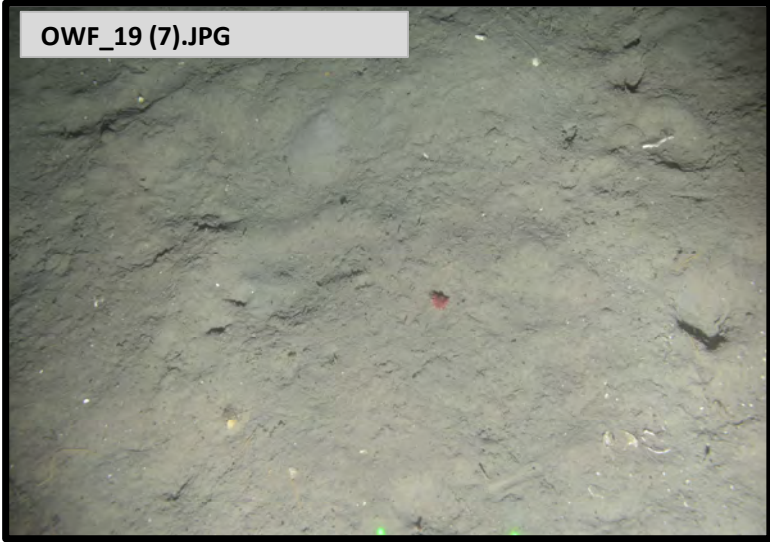


Photo Position: 412098 mE, 6337787 mN

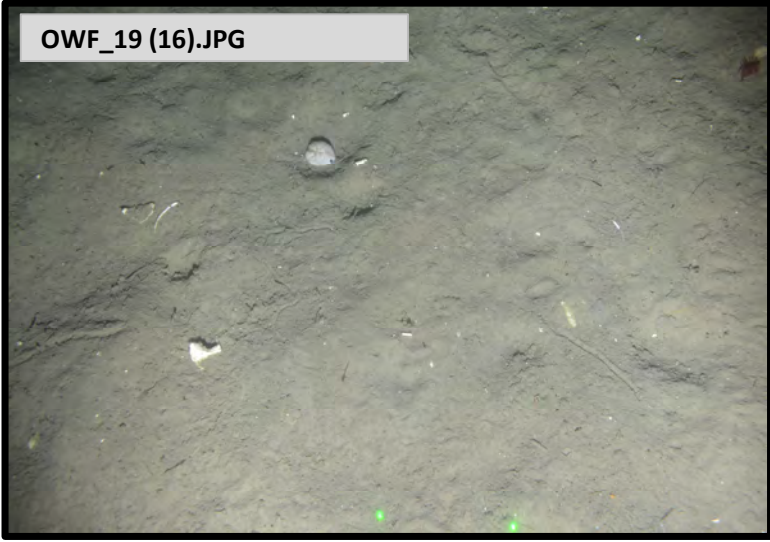


Photo Position: 412028 mE, 6337754 mN

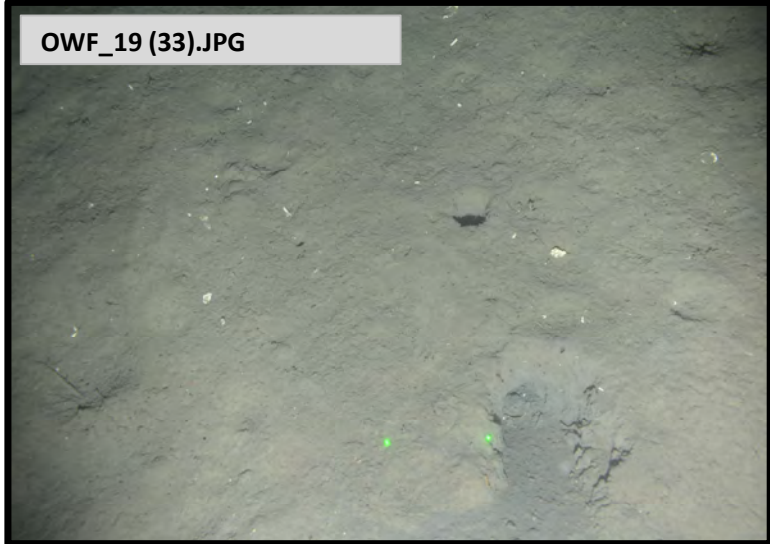


Photo Position: 411881 mE, 6337686 mN



Photo Position: 413937 mE, 6334656 mN



Photo Position: 414189 mE, 6334745 mN



Sediment Example Image

Habitat Summary Information: OWF_020

Survey Area: Central North Sea

No. of Stills: 37

Mins of Video: 24:19

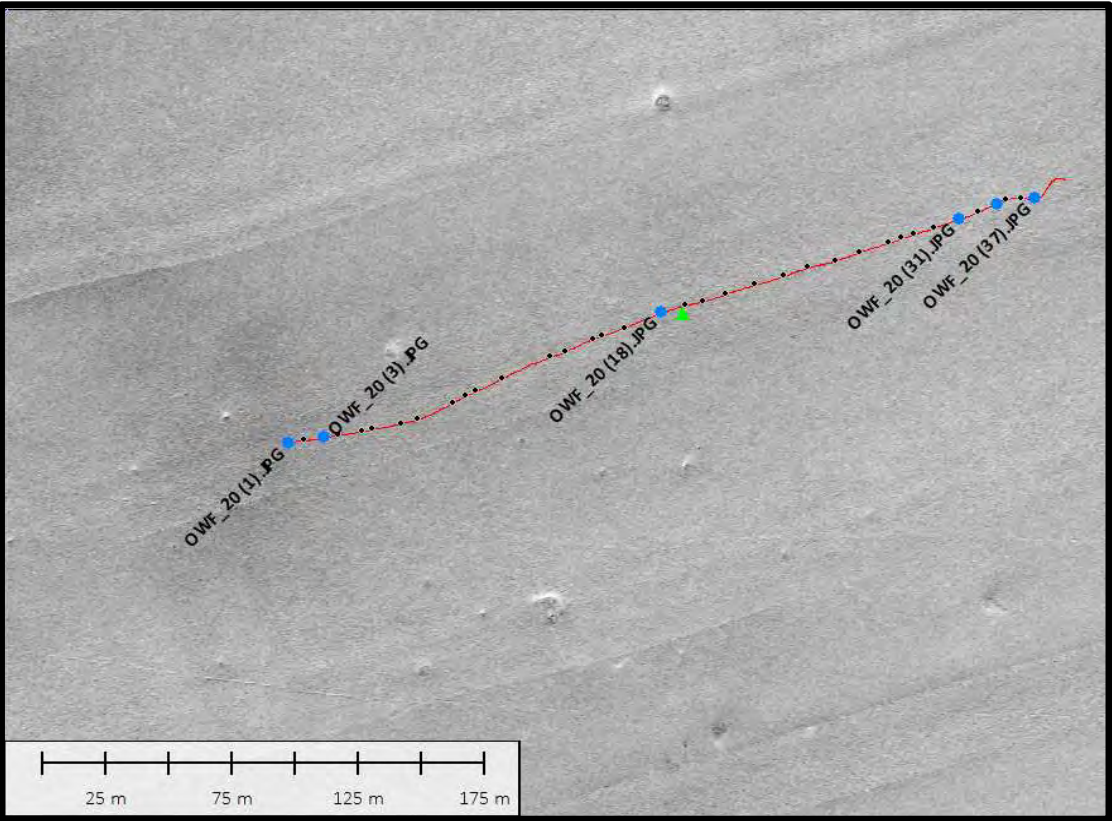
Track Length: 348.24m

Site Selection Criteria
To corroborate past JNCC sampling data and collect data at Eastern array area boundary. Historic JNCC grab sampling site.

Analogue Interpretation
Flat homogeneous sediment, mottled reflectivity.

Sediment Description
Muddy sand with minor proportions of shell debris and occasional burrows.

Conspicuous Fauna
Cnidaria: *Pennatula phosphorea*, *Virgularia mirabilis*. **Arthropoda:** *Pagurus bernhardus*, *Caridea* sp, *Cancer maenus*. **Mollusca:** *Bivalvia* sp. **Echinodermata:** *Asteriidae* sp. **Chordata:** *Limanda limanda*, *Gadus morhua*, *Myxine glutinosa*, *Gadidae* sp.



Client

Contractor

▲ Grab Location ● UW Image ● UW Featured Image ~ UW Video Track

Geodetic Infomation: Datum: WGS84 Projection: UTM Zone: 31 North Central Meridian: 3° East



Photo Position: 414071 mE, 6334707 mN



Photo Position: 414203 mE, 6334751 mN



Sieved Sample Image

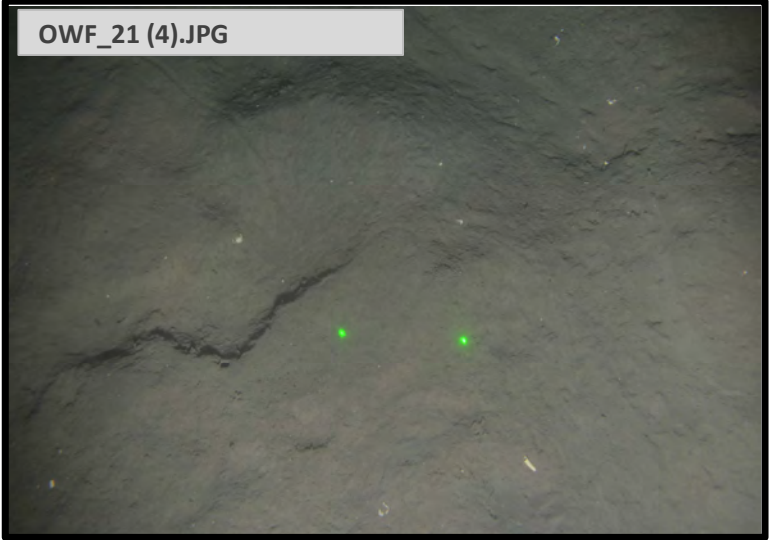


Photo Position: 398282 mE, 6325656 mN



Photo Position: 398366 mE, 6325660 mN

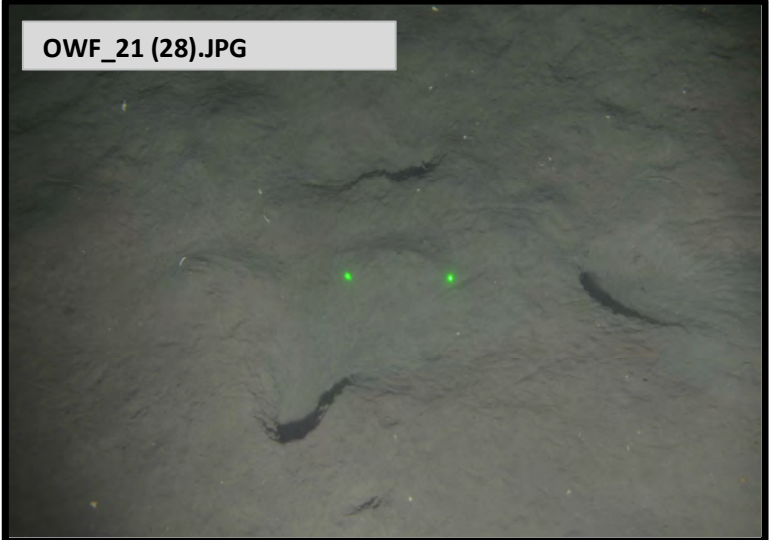


Photo Position: 398517 mE, 6325665 mN

Habitat Summary Information: OWF_021

Survey Area: Central North Sea

No. of Stills: 34

Mins of Video: 21:39

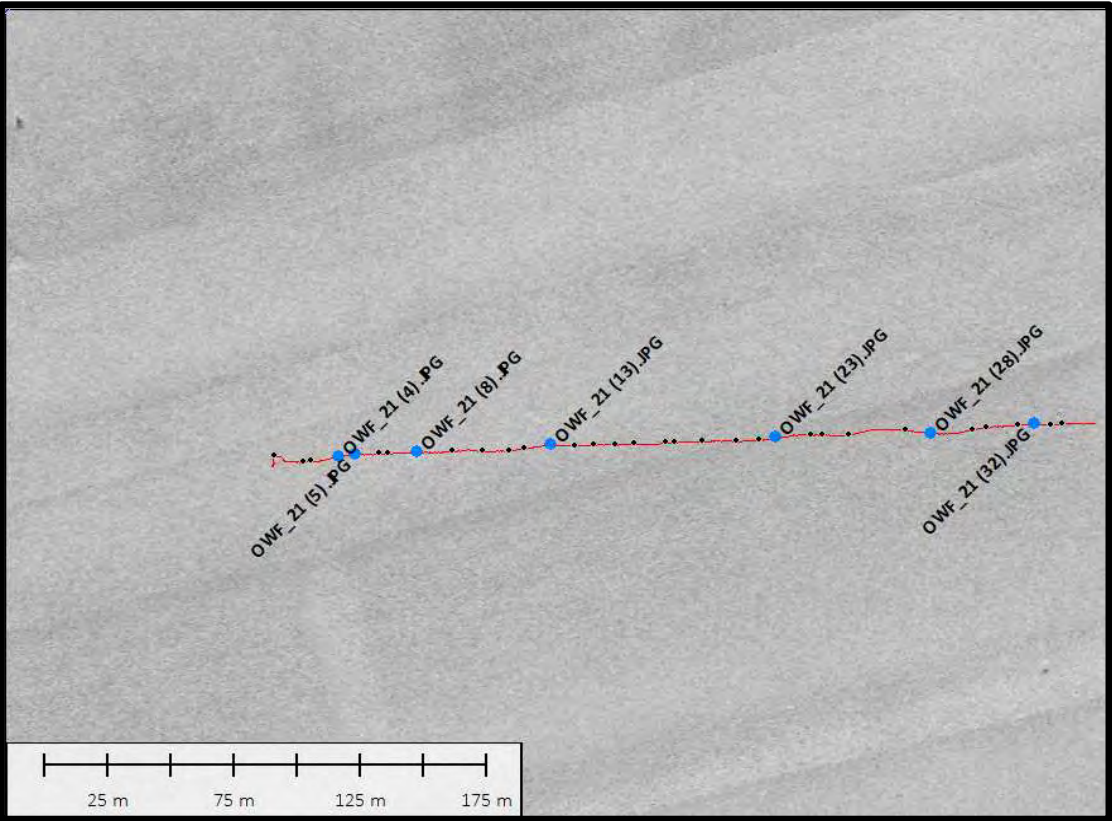
Track Length: 354.73m

Site Selection Criteria
Positioned in area of previous JNCC Grab/DDV Sampling.

Analogue Interpretation
Flat homogeneous sediment, mottled reflectivity.

Sediment Description
Muddy sand with minor proportions of shell debris and occasional burrows.

Conspicuous Fauna
Cnidaria: *Pennatula phosphorea*, *Virgularia mirabilis*. **Arthropoda:** *Pagurus bernhardus*, *Cancer maenus*. **Chordata:** *Limanda limanda*, *Gadus morhua*, *Myxine glutinosa*, *Gadidae* sp.



Client

Contractor

● UW Image ● UW Featured Image ~ UW Video Track

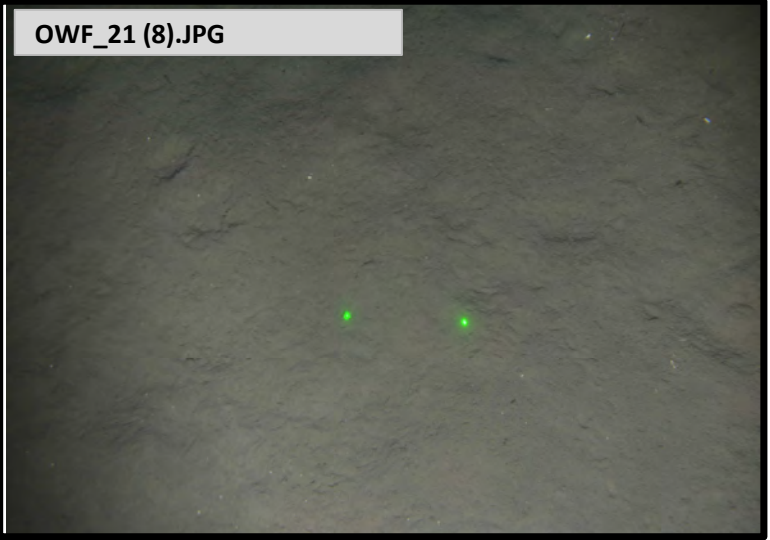


Photo Position: 398313 mE, 6325657 mN



Photo Position: 398455 mE, 6325664 mN

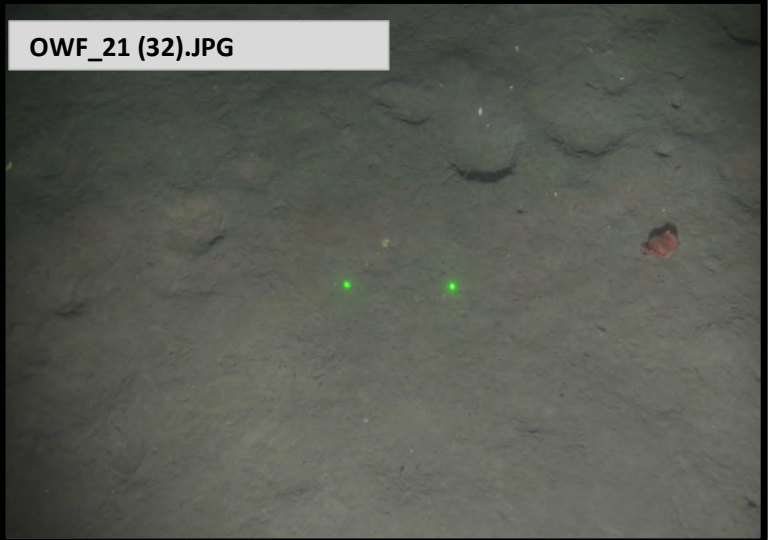


Photo Position: 398557 mE, 6325669 mN

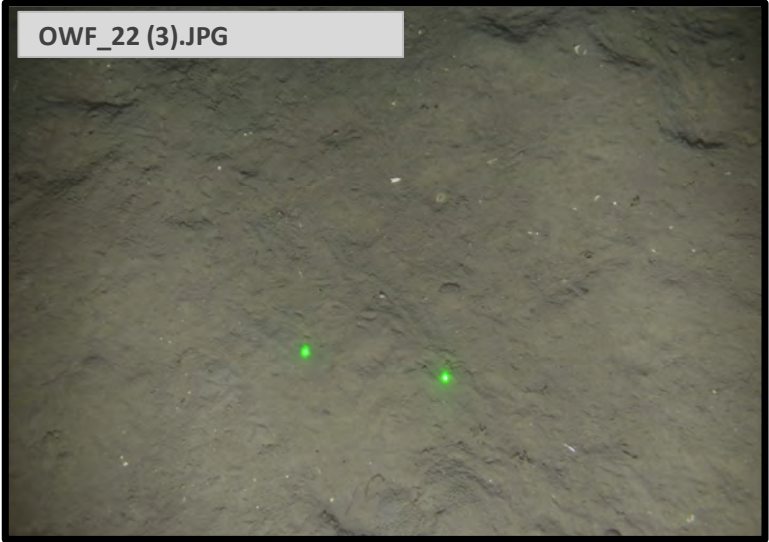


Photo Position: 396853 mE, 6332901 mN

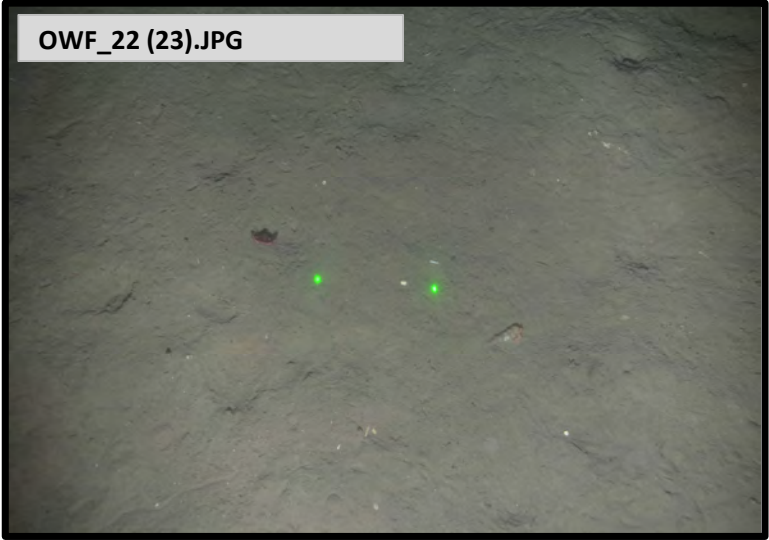


Photo Position: 397013 mE, 6332810 mN



Sediment Example Image

Habitat Summary Information: OWF_022

Survey Area: Central North Sea

No. of Stills: 35

Mins of Video: 25:44

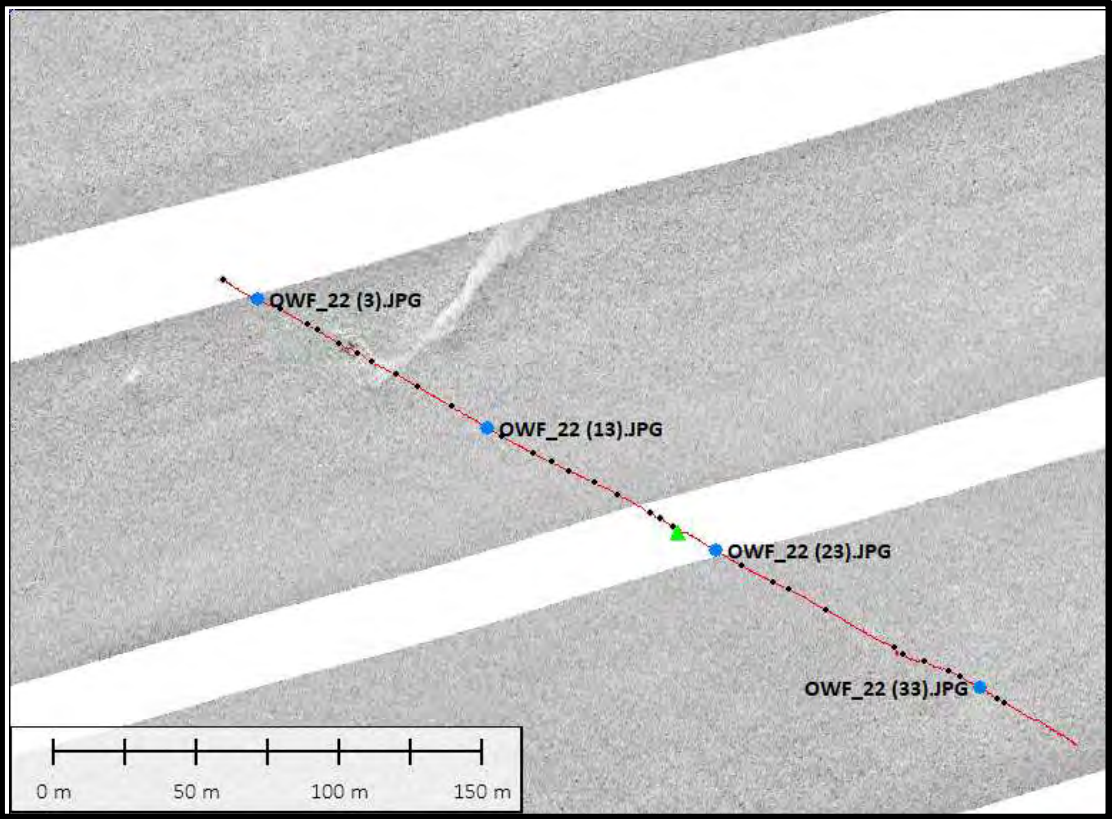
Track Length: 374.06m

Site Selection Criteria
Positioned in area of previous JNCC Grab/DDV Sampling.

Analogue Interpretation
Flat homogeneous sediment, mottled reflectivity.

Sediment Description
Muddy sand with minor proportions of shell debris and occasional burrows.

Conspicuous Fauna
Cnidaria: *Pennatula phosphorea*, *Virgularia mirabilis*. **Arthropoda:** *Pagurus bernhardus*, *Cancer maenus*. **Mollusca:** *Buccinum undatum*. **Chordata:** *Limanda limanda*, *Gadidae* sp.



Client

Contractor

▲ Grab Location ● UW Image ● UW Featured Image ~ UW Video Track

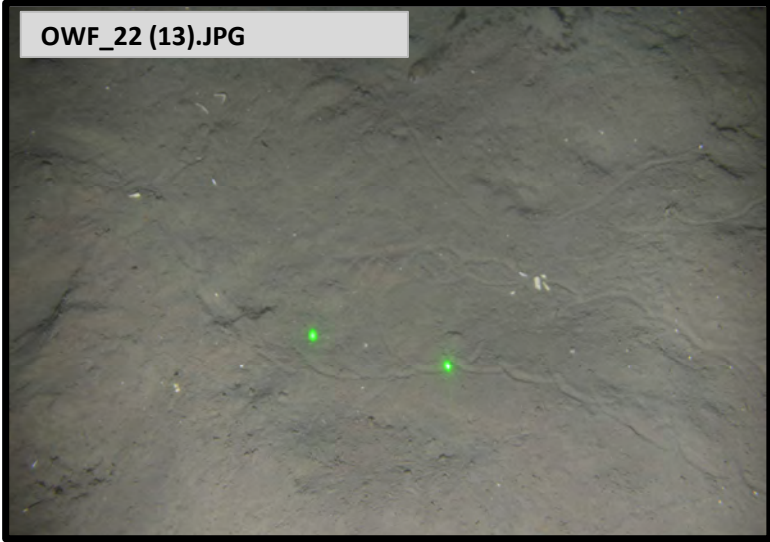


Photo Position: 396934 mE, 6332854 mN

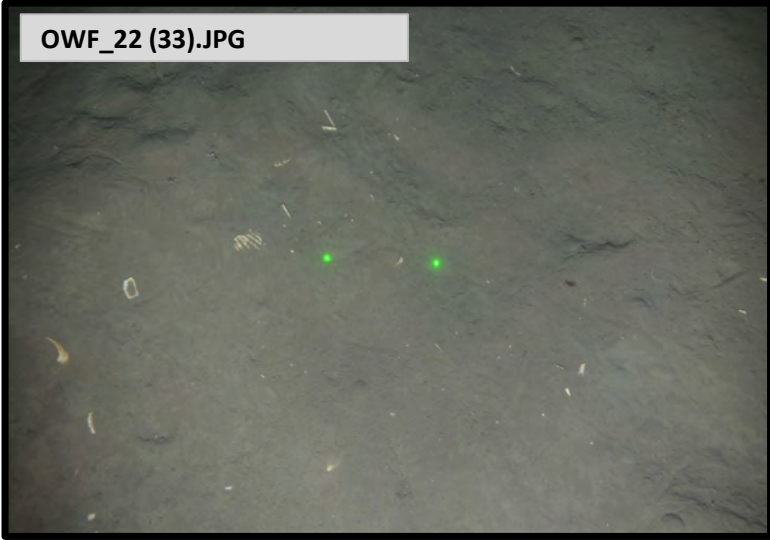


Photo Position: 397106 mE, 6332761 mN



Sieved Sample Image

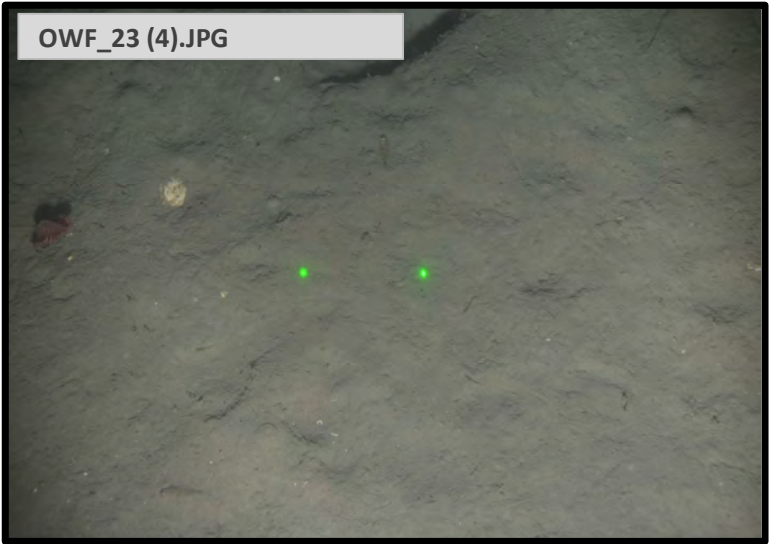


Photo Position: 401666 mE, 6333570 mN

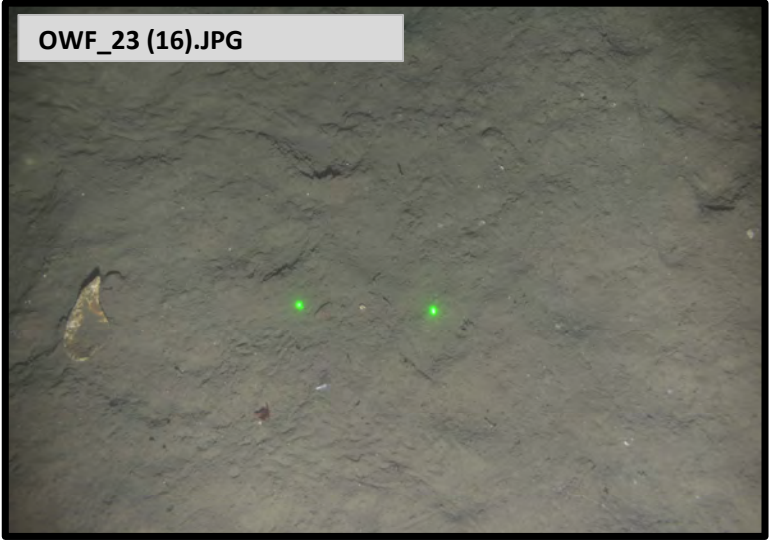


Photo Position: 401555 mE, 6333537 mN

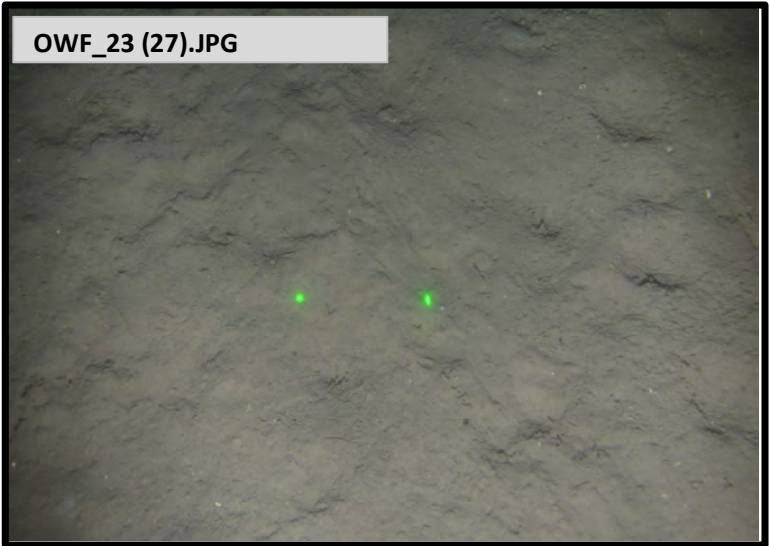


Photo Position: 401431 mE, 6333502 mN

Habitat Summary Information: OWF_023

Survey Area: Central North Sea

No. of Stills: 34 Mins of Video: 25:01 Track Length: 354.38m

Site Selection Criteria

To reduce sampling gap between grab stations and to ground truth suspected boulders .

Analogue Interpretation

Flat homogeneous sediment, mottled reflectivity, with cobbles.

Sediment Description

Muddy sand with minor proportions of shell debris and occasional burrows.

Conspicuous Fauna

Cnidaria: *Funiculina quadrangularis* , *Pennatula phosphorea* , Hydrozoa sp, Actiniaria sp. **Arthropoda:** *Pagurus bernhardus* , *Cancer maenus* . **Mollusca:** *Bivalvia* sp. **Echinodermata:** *Echinus esculentus* , Asteroiidae sp. **Chordata:** *Limanda limanda* , *Gadus morhua* , *Myxine glutinosa* , Gadidae sp.

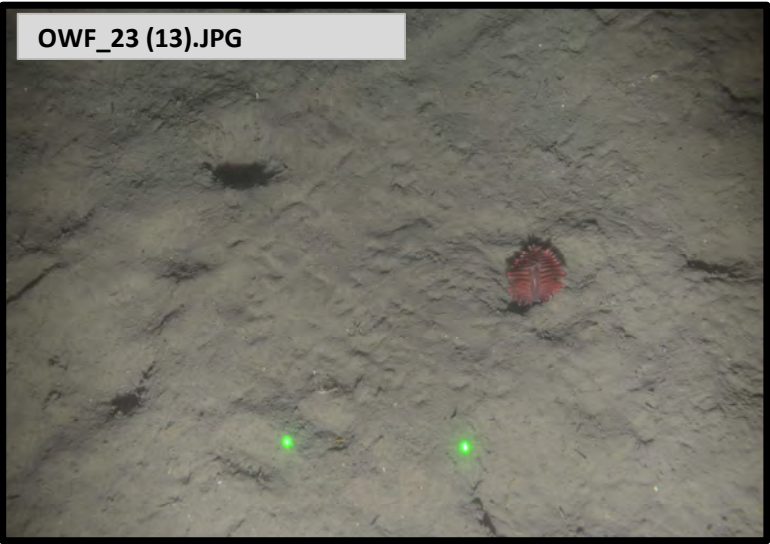


Photo Position: 401585 mE, 6333546 mN



Photo Position: 401454 mE, 6333507 mN

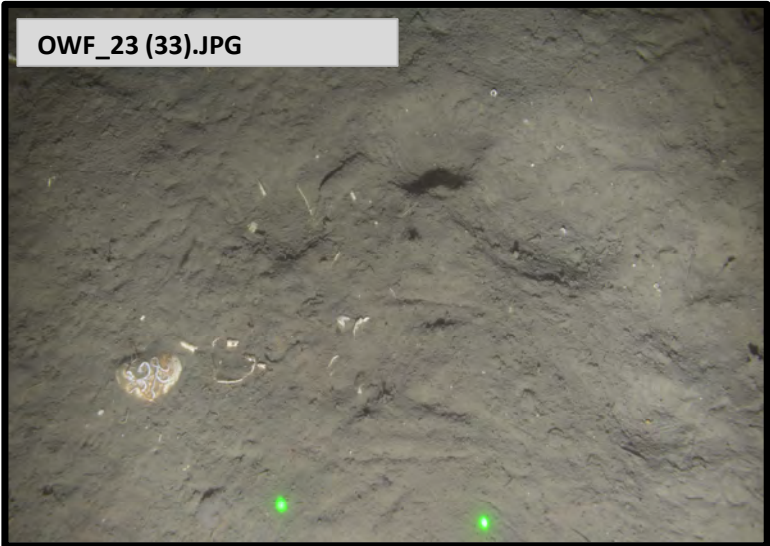
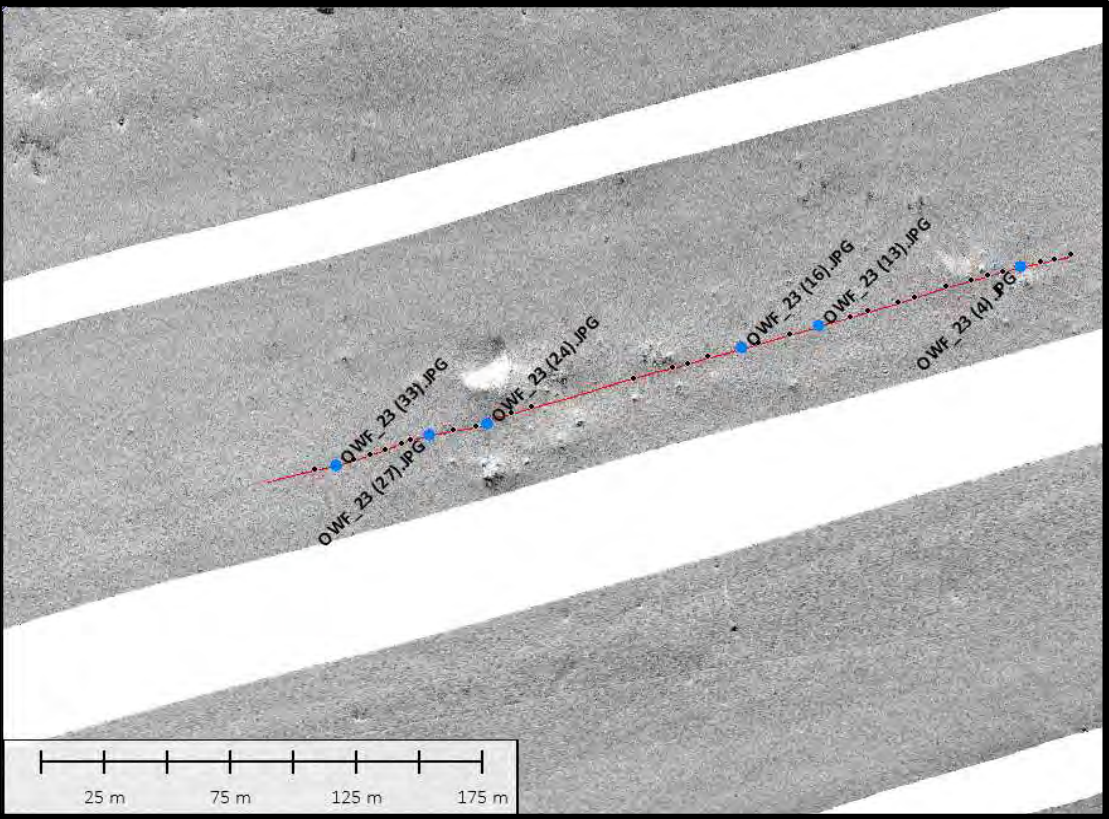


Photo Position: 401394 mE, 6333490 mN



Client

Contractor

● UW Image ● UW Featured Image ~ UW Video Track

Geodetic Information: Datum: WGS84 Projection: UTM Zone: 31 North Central Meridian: 3° East

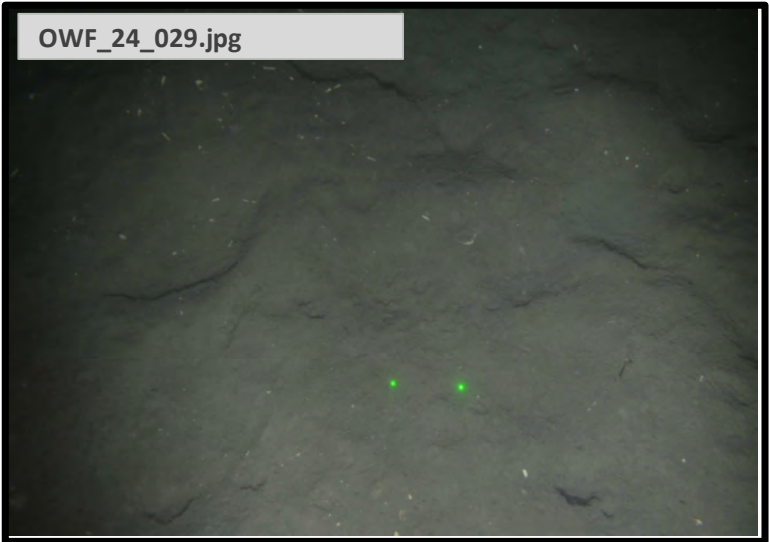


Photo Position: 405495 mE, 6331665 mN

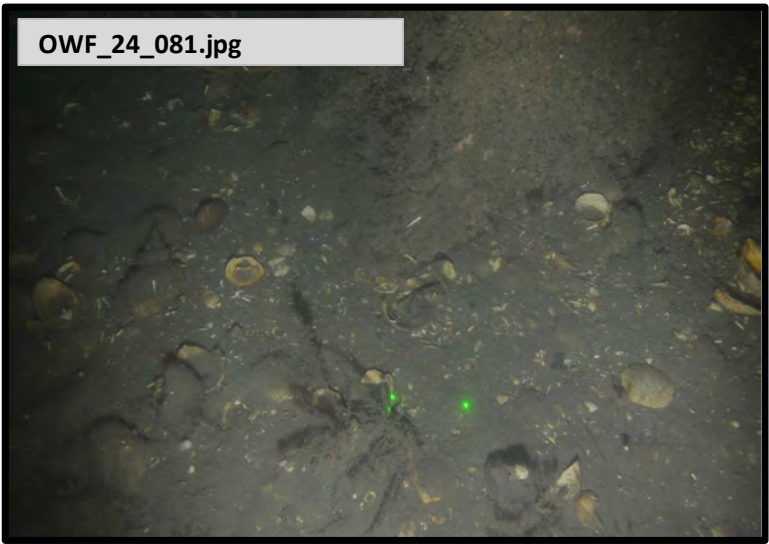


Photo Position: 405662 mE, 6331716 mN



Sediment Example Image

Habitat Summary Information: OWF_024

Survey Area: Central North Sea

No. of Stills: 96

Mins of Video: 23:48

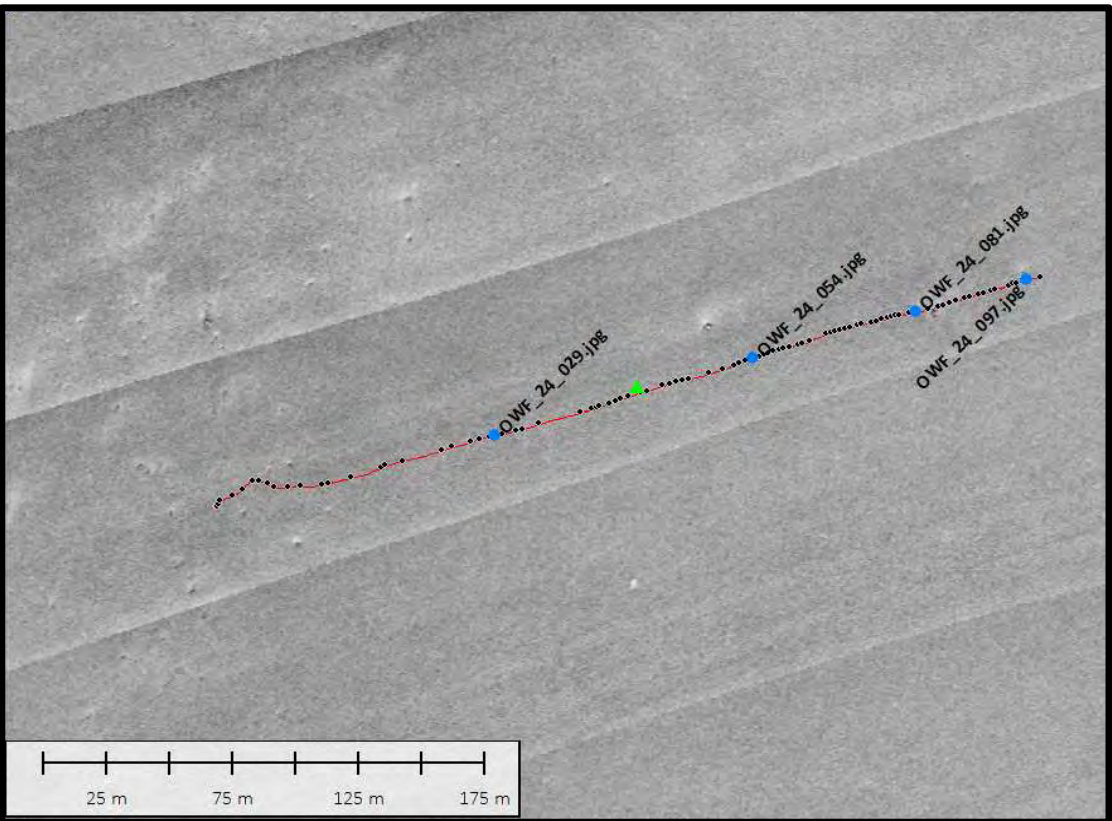
Track Length: 372.51m

Site Selection Criteria
Historic JNCC grab/DDV sampling site.

Analogue Interpretation
Flat homogeneous sediment, mottled reflectivity, to coarser mixed sediment with cobbles.

Sediment Description
Muddy sand with shell debris and occasional burrows. Some areas with more mixed sediment of shell, cobbles and muddy sand.

Conspicuous Fauna
Porifera: *Axinella infundibuliformis*. **Cnidaria:** *Funiculina quadrangularis*, *Pennatula phosphorea*, *Virgularia mirabilis*, *Actiniaria* sp. **Arthropoda:** *Pagurus bernhardus*, *Caridea* sp, *Cancer maenus*. **Mollusca:** *Buccinum undatum*, *Janolus cristatus*, *Bivalvia* sp. **Echinodermata:** *Ophiurida* sp, *Asteriidae* sp. **Chordata:** *Limanda limanda*, *Myxine glutinosa*, *Gadidae* sp. **Cnidaria:** *Hydrozoa* sp.



Client

Contractor

▲ Grab Location ● UW Image ● UW Featured Image ~ UW Video Track



Photo Position: 405598 mE, 6331697 mN

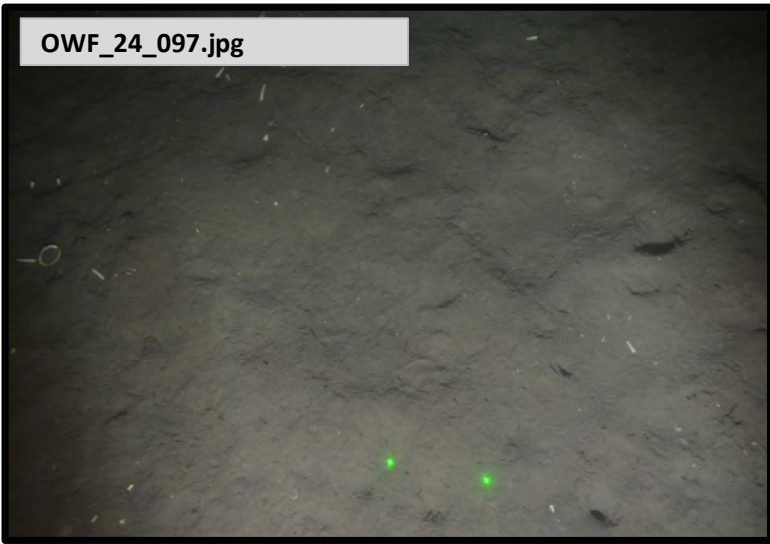


Photo Position: 405706 mE, 6331728 mN



Sieved Sample Image

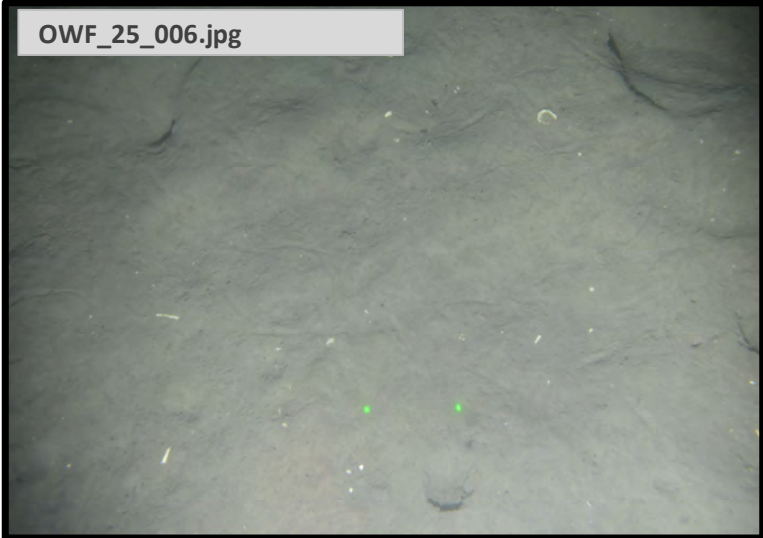


Photo Position: 408317 mE, 6334057 mN

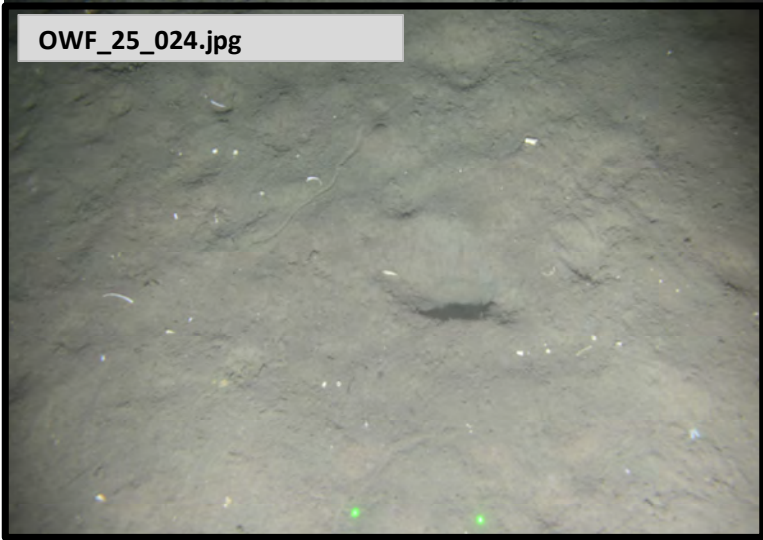


Photo Position: 408438 mE, 6334099 mN

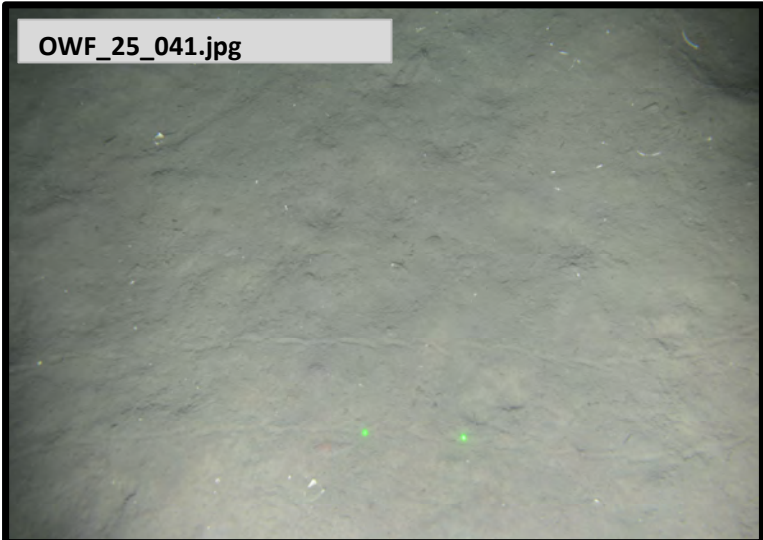


Photo Position: 408513 mE, 6334121 mN

Habitat Summary Information: OWF_025

Survey Area: Central North Sea

No. of Stills: 55

Mins of Video: 31:31

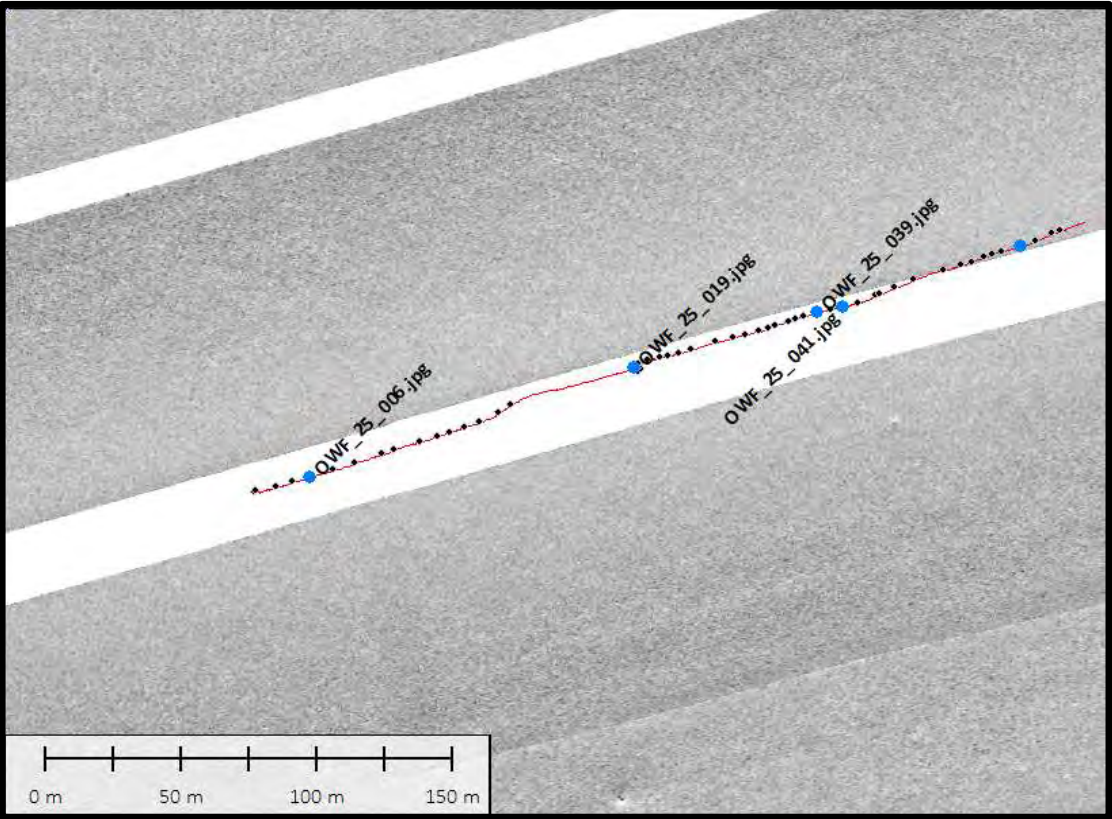
Track Length: 354.11m

Site Selection Criteria
To reduce sampling gap between grab stations.
Proximity to CNSE Cable Route.

Analogue Interpretation
Flat homogeneous sediment, mottled reflectivity.

Sediment Description
Muddy sand with shell debris and occasional burrows.

Conspicuous Fauna
Cnidaria: *Funiculina quadrangularis*, *Pennatula phosphorea*, *Virgularia mirabilis*. **Arthropoda:** *Nephrops norvegicus*, *Pagurus bernhardus*, *Caridea* sp, *Cancer maenus*. **Mollusca:** *Bivalvia* sp. **Chordata:** *Limanda limanda*, *Gadus morhua*, *Myxine glutinosa*, *Gadidae* sp.



Client

Contractor

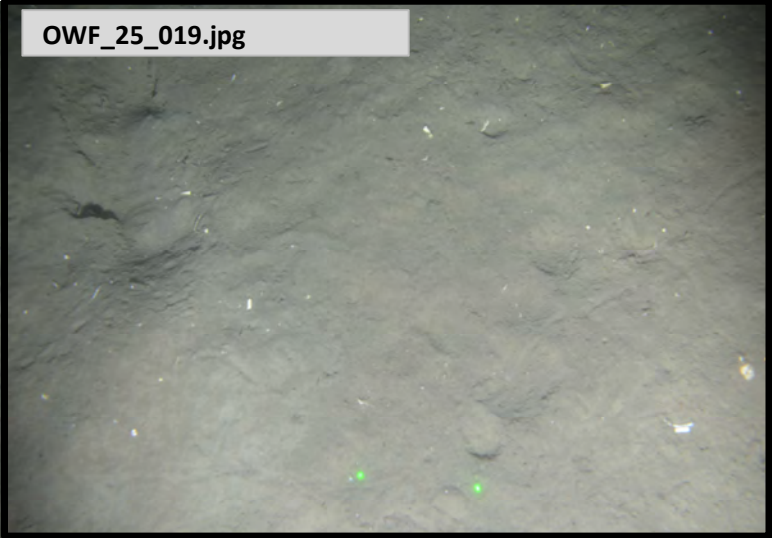


Photo Position: 408436 mE, 6334098 mN



Photo Position: 408503 mE, 6334119 mN



Photo Position: 408578 mE, 6334144 mN



Photo Position: 411312 mE, 6332332 mN



Photo Position: 411497 mE, 6332380 mN



Sediment Example Image

Habitat Summary Information: OWF_026

Survey Area: Central North Sea

No. of Stills: 68

Mins of Video: 23:59

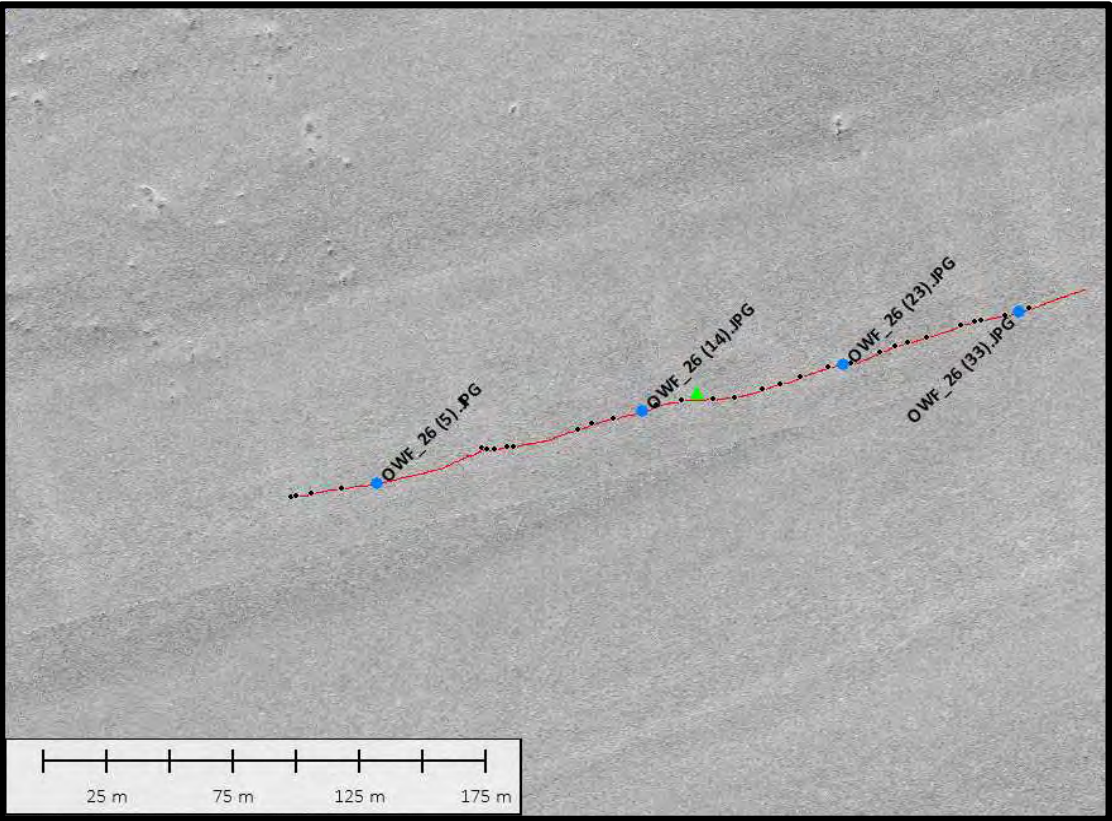
Track Length: 355.53m

Site Selection Criteria
Historic JNCC DDV Site. Site selected to corroborate their data.

Analogue Interpretation
Flat homogeneous sediment, mottled reflectivity, some cobbles.

Sediment Description
Muddy sand with shell debris and occasional burrows.

Conspicuous Fauna
Cnidaria: *Pennatula phosphorea*, *Virgularia mirabilis*, *Actiniaria* sp. **Arthropoda:** *Pagurus bernhardus*. **Mollusca:** *Aequipecten opercularis*, *Buccinum undatum*, *Bivalvia* sp. **Echinodermata:** *Asteriidae* sp. **Chordata:** *Limanda limanda*, *Gadus morhua*, *Myxine glutinosa*, *Gadidae* sp.



Client

Contractor

▲ Grab Location ● UW Image ● UW Featured Image ~ UW Video Track

Geodetic Infomation: Datum: WGS84 Projection: UTM Zone: 31 North Central Meridian: 3° East

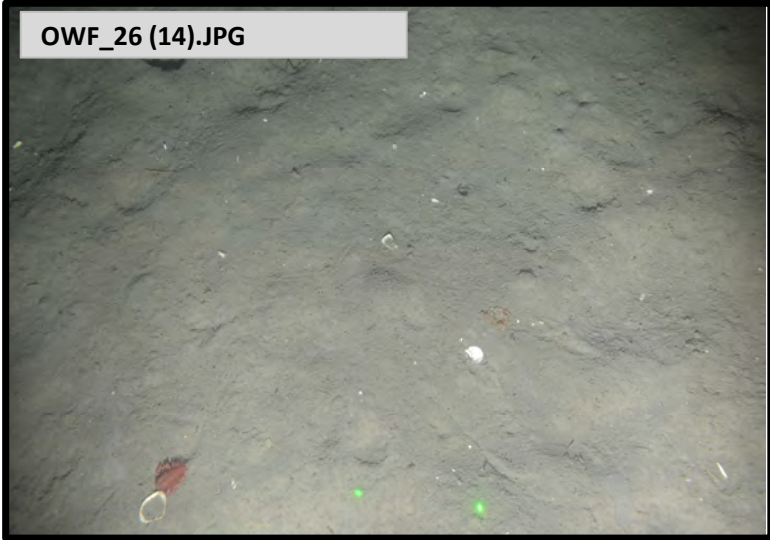


Photo Position: 411417 mE, 6332361 mN

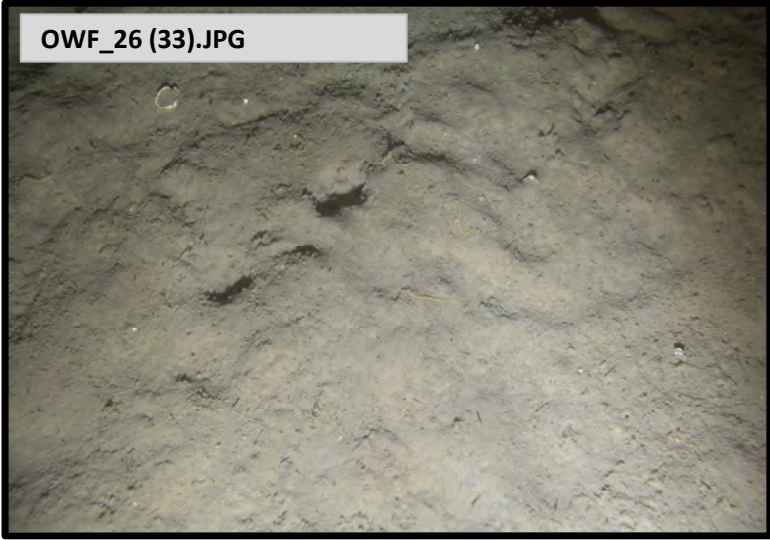
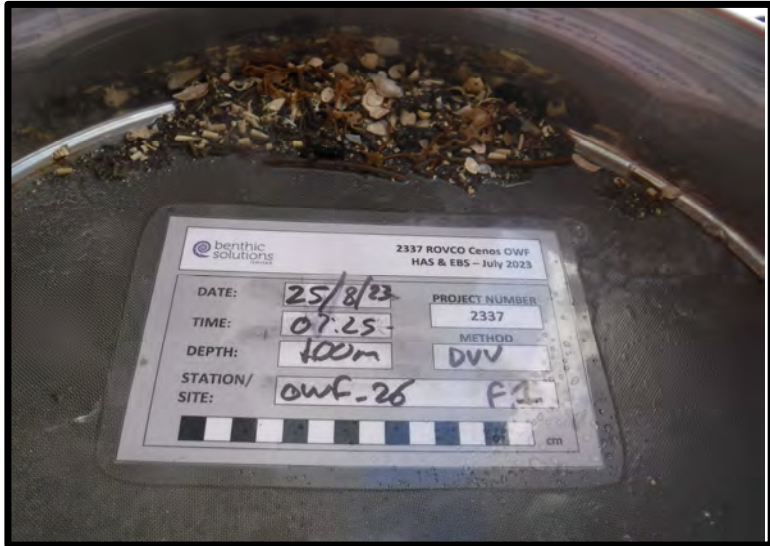


Photo Position: 411566 mE, 6332402 mN



Sieved Sample Image

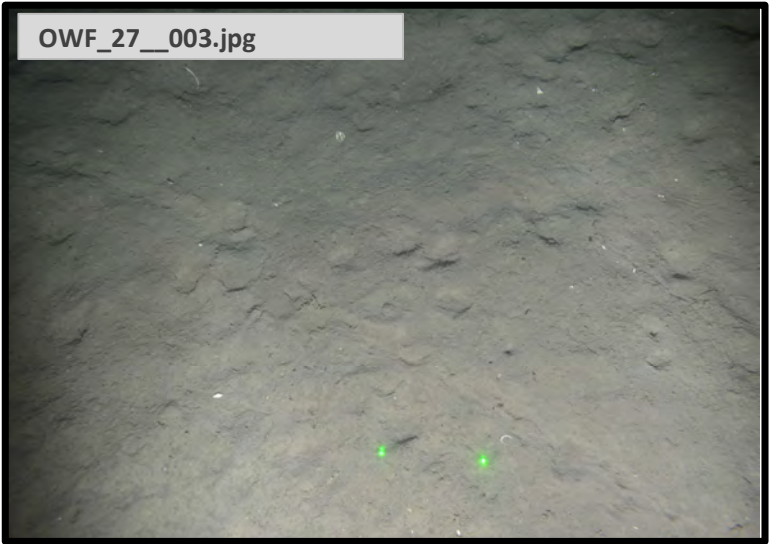


Photo Position: 410277 mE, 6329056 mN



Photo Position: 410339 mE, 6328916 mN

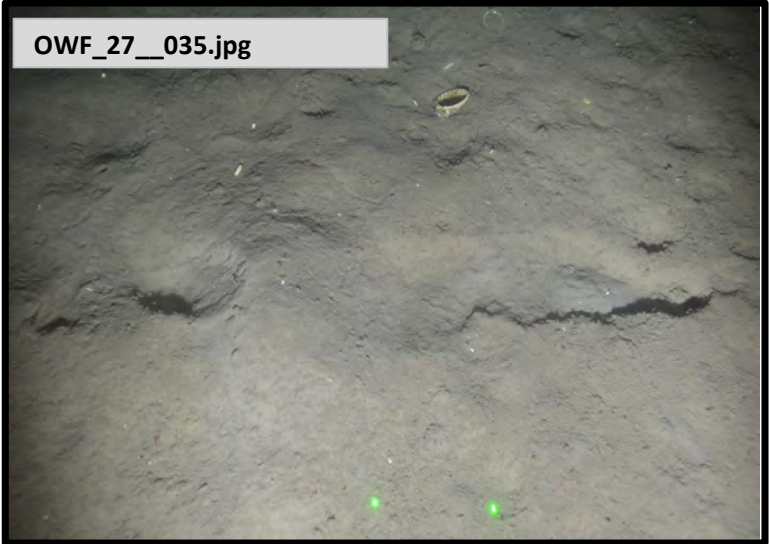


Photo Position: 410378 mE, 6328828 mN

Habitat Summary Information: OWF_027

Survey Area: Central North Sea

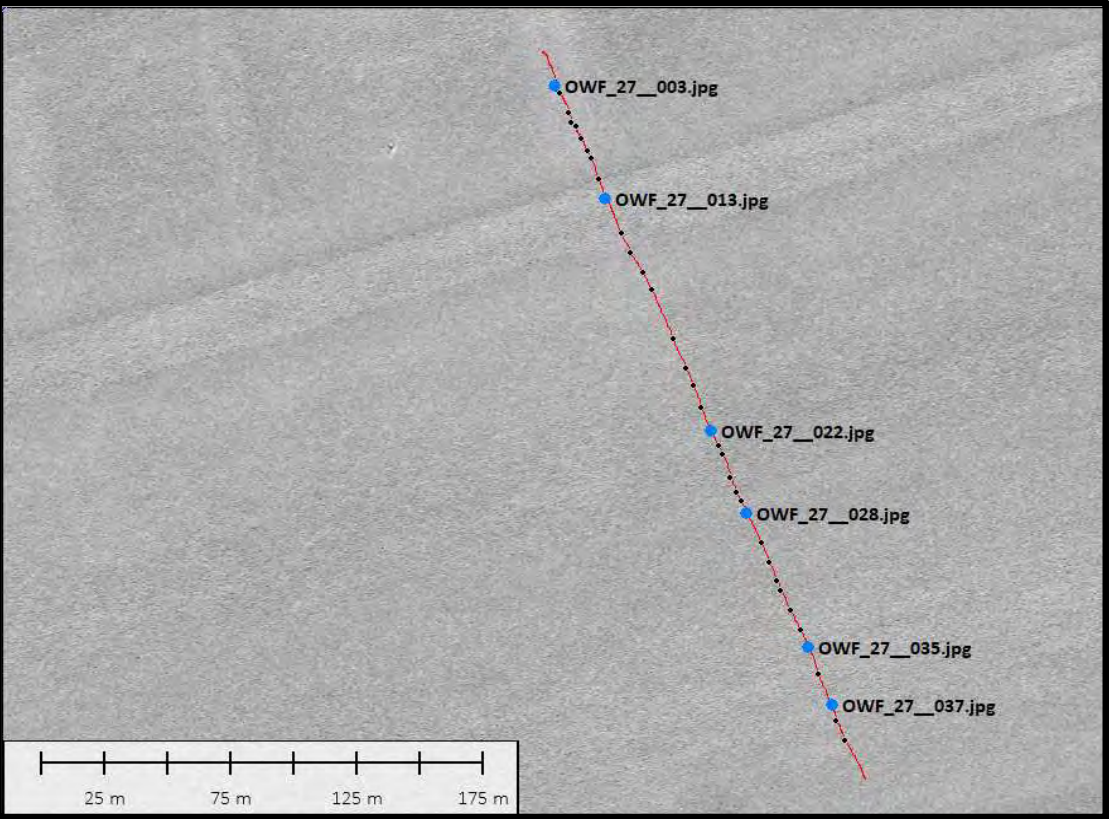
No. of Stills: 38 Mins of Video: 26:32 Track Length: 354.25m

Site Selection Criteria
Positioned in area of previous JNCC Grab/DDV Sampling.

Sediment Description
Muddy sand with minor proportions of shell debris and occasional burrows.

Conspicuous Fauna
Cnidaria: *Pennatula phosphorea*, *Virgularia mirabilis*. **Arthropoda:** *Pagurus bernhardus*, *Cancer maenus*. **Mollusca:** *Aequipecten opercularis*, *Bivalvia* sp. **Echinodermata:** *Asteriidae* sp. **Chordata:** *Limanda limanda*, *Gadus morhua*, *Myxine glutinosa*.

Analogue Interpretation
Flat homogeneous sediment, mottled reflectivity.



Client

Contractor

● UW Image ● UW Featured Image ~ UW Video Track

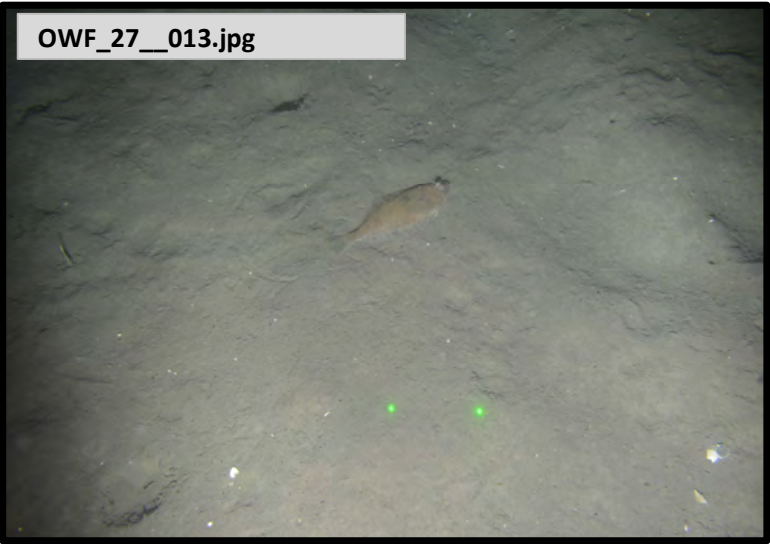


Photo Position: 410297 mE, 6329010 mN

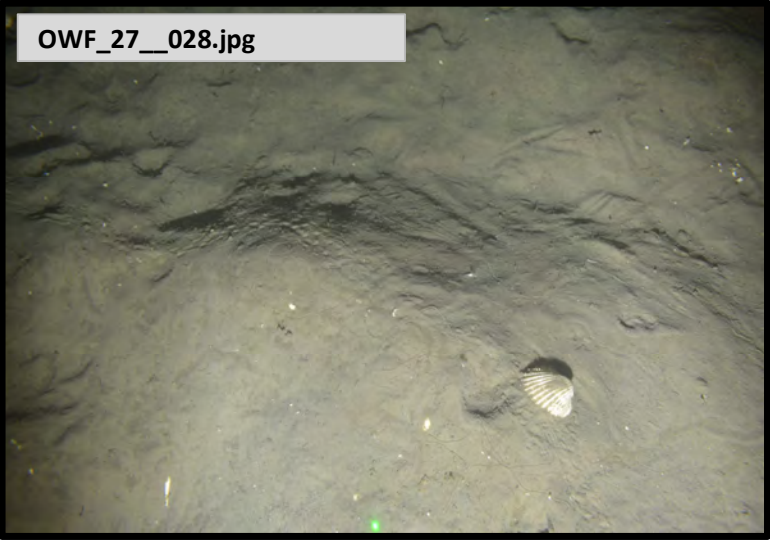


Photo Position: 410353 mE, 6328882 mN

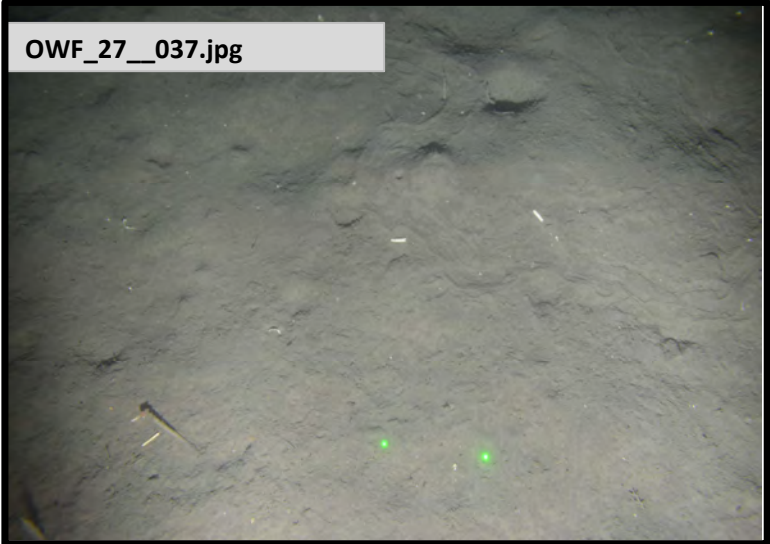


Photo Position: 410387 mE, 6328804 mN

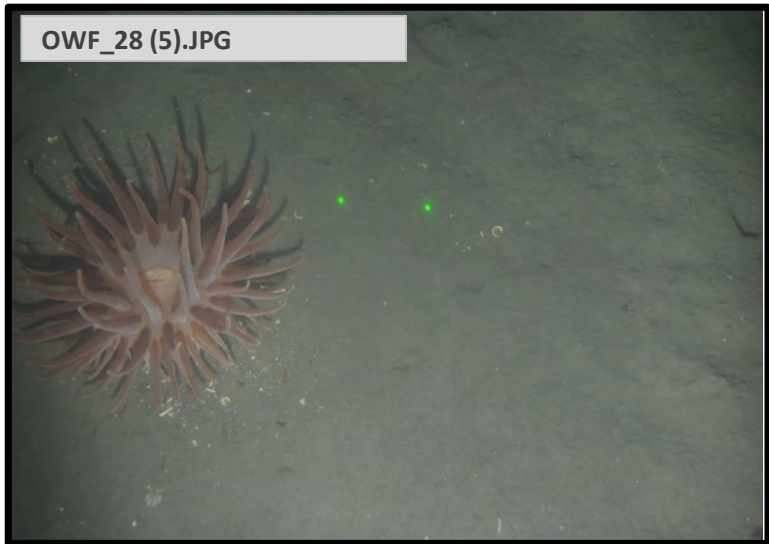


Photo Position: 399917 mE, 6331661 mN

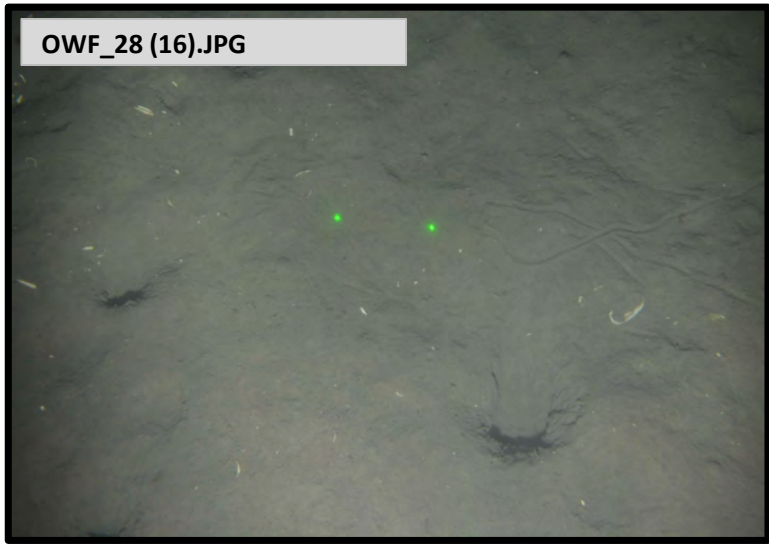


Photo Position: 400065 mE, 6331643 mN



Sediment Example Image

Habitat Summary Information: OWF_028

Survey Area: Central North Sea

No. of Stills: 33

Mins of Video: 26:29

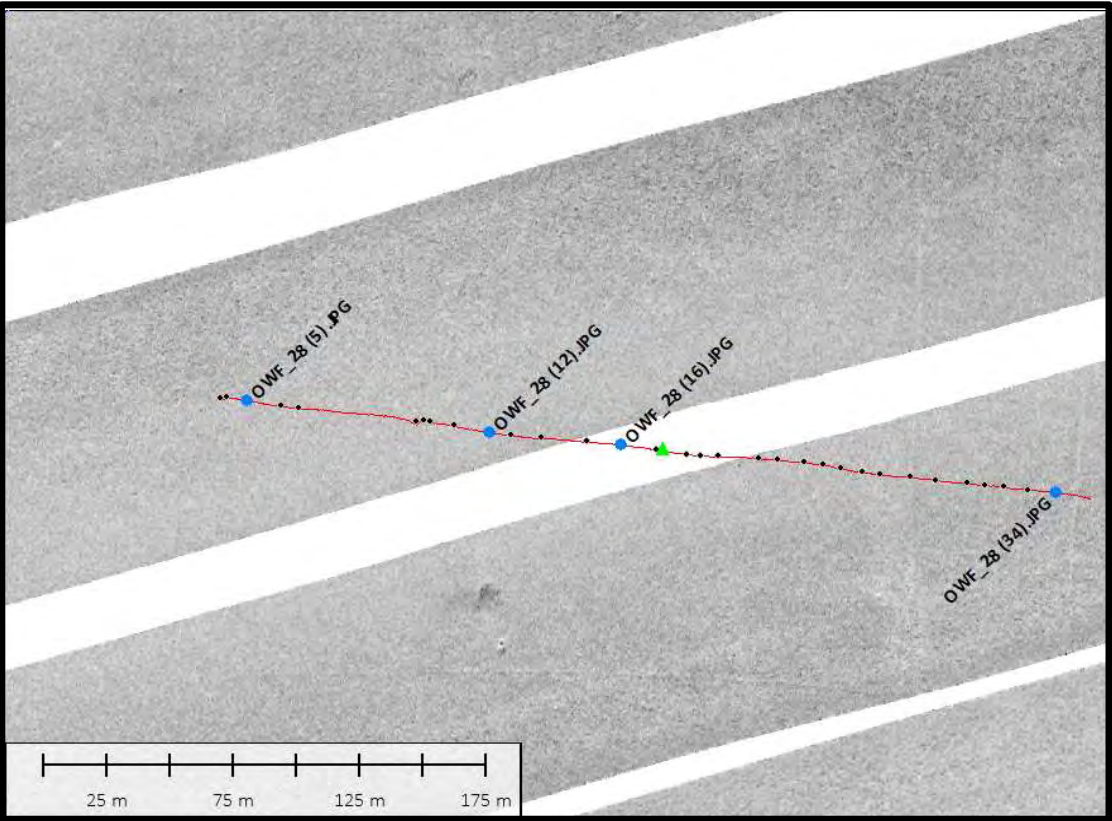
Track Length: 374.53m

Site Selection Criteria
Historic JNCC grab/DDV sampling site. Recorded presence of mud habitats (JNCC, 2015).

Analogue Interpretation
Flat homogeneous sediment, mottled reflectivity.

Sediment Description
Muddy sand with minor proportions of shell debris and occasional burrows.

Conspicuous Fauna
Porifera: *Axinella infundibuliformis*. **Cnidaria:** *Funiculina quadrangularis*, *Pennatula phosphorea*, *Virgularia mirabilis*, *Hydrozoa* sp, *Actiniaria* sp. **Arthropoda:** *Pagurus bernhardus*, *Cancer maenus*. **Mollusca:** *Buccinum undatum*. **Chordata:** *Limanda limanda*, *Gadus morhua*, *Myxine glutinosa*, *Gadidae* sp. **Cnidaria:** *Hydrozoa* sp.



Client

Contractor

▲ Grab Location ● UW Image ● UW Featured Image ~ UW Video Track

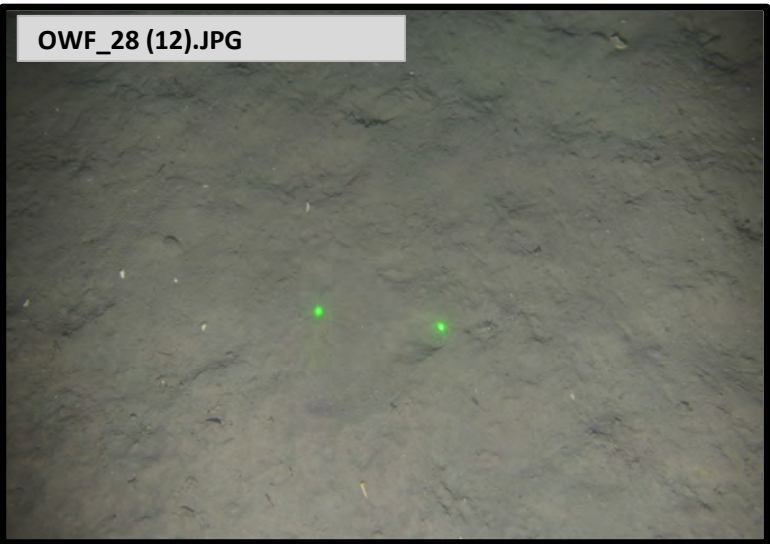


Photo Position: 400014 mE, 6331648 mN

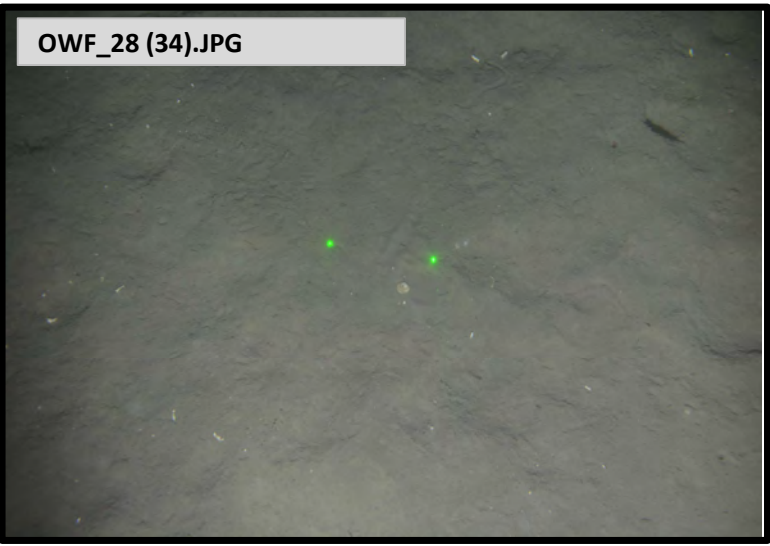


Photo Position: 400237 mE, 6331623 mN



Sieved Sample Image

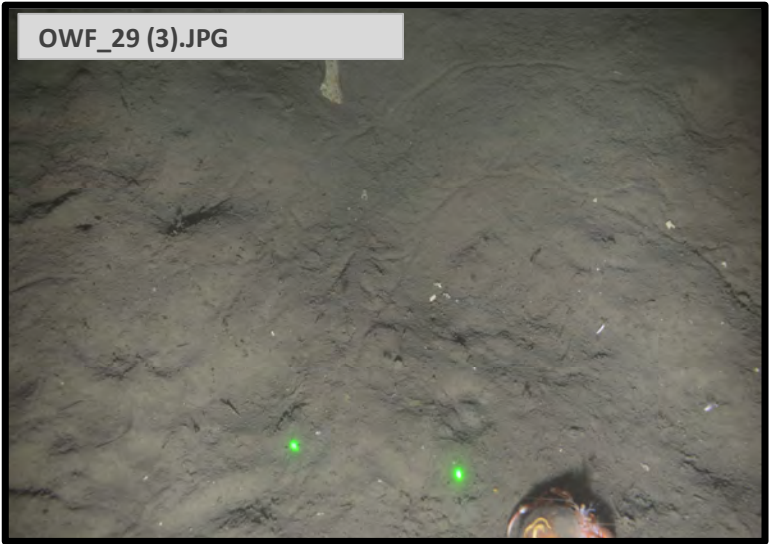


Photo Position: 402591 mE, 6329573 mN

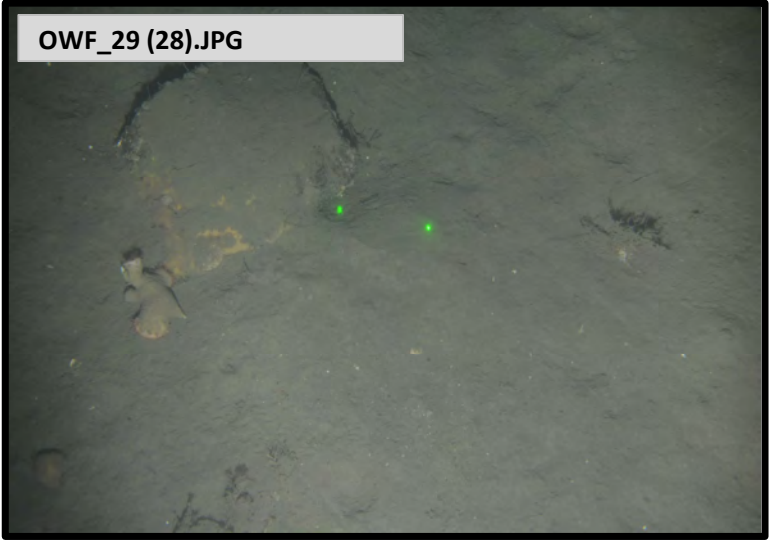


Photo Position: 402625 mE, 6329438 mN

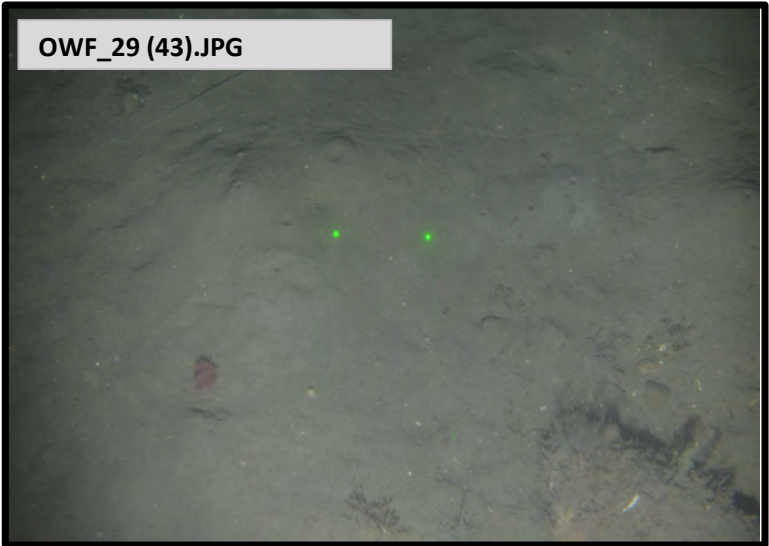


Photo Position: 402652 mE, 6329329 mN

Habitat Summary Information: OWF_029

Survey Area: Central North Sea

No. of Stills: 52

Mins of Video: 24:42

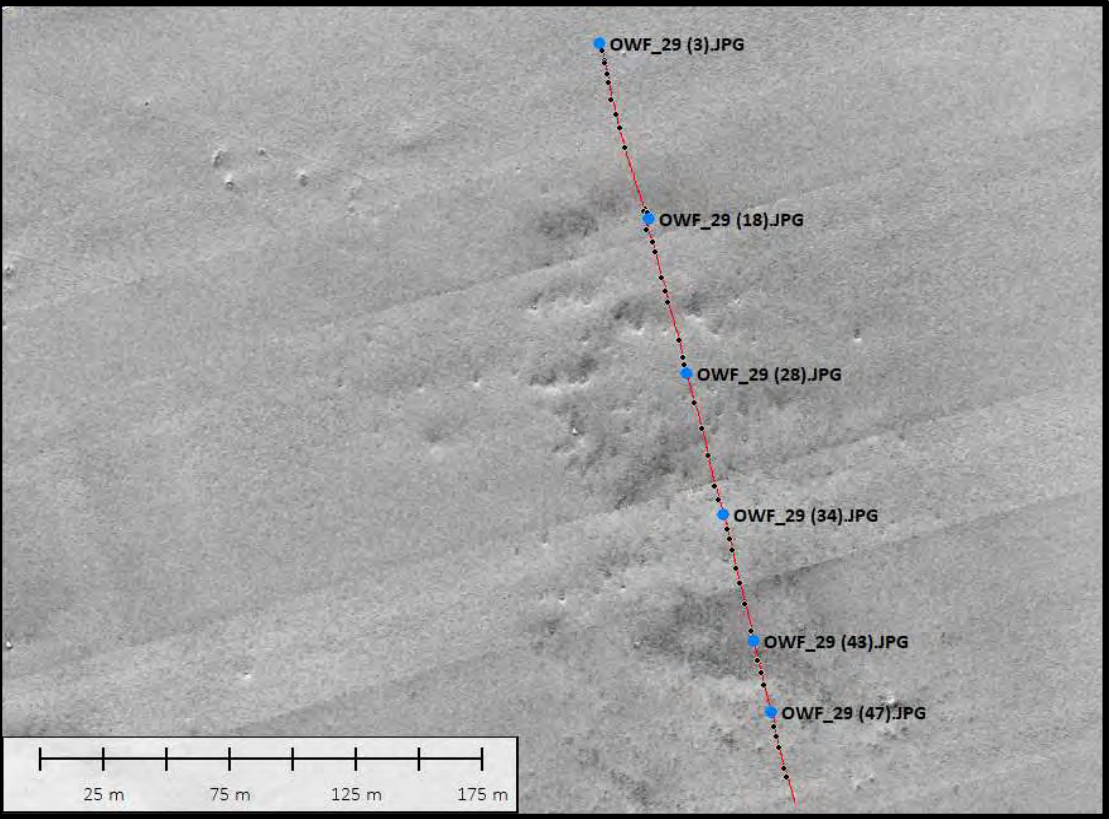
Track Length: 356.42m

Site Selection Criteria
To reduce sampling gap between grab stations and to cover suspected patch of coarser sediment.

Analogue Interpretation
Uneven homogeneous sediment, mottled reflectivity, with burrows and cobbles.

Sediment Description
Muddy sand with shell debris and occasional burrows. Areas with more mixed sediment comprised of cobbles and small boulders overlaid with muddy sands.

Conspicuous Fauna
Porifera: *Axinella infundibuliformis* . **Cnidaria:** *Funiculina quadrangularis* , *Pennatula phosphorea* , *Virgularia mirabilis* , *Actiniaria* sp. **Arthropoda:** *Munida rugosa* , *Pagurus bernhardus* , *Cancer maenus* . **Mollusca:** *Aequipecten opercularis* , *Buccinum undatum* . **Chordata:** *Limanda limanda* , *Gadus morhua* , *Myxine glutinosa* , *Gadidae* sp. **Cnidaria:** *Hydrozoa* sp.



Client

Contractor

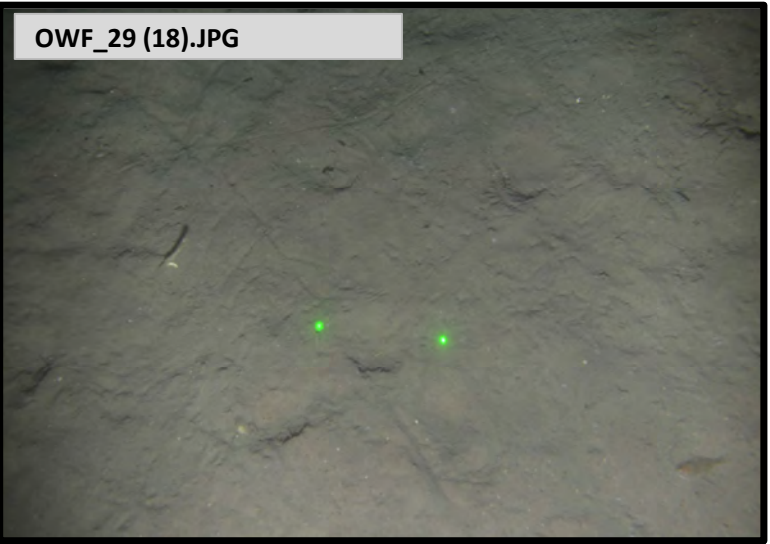


Photo Position: 402610 mE, 6329501 mN

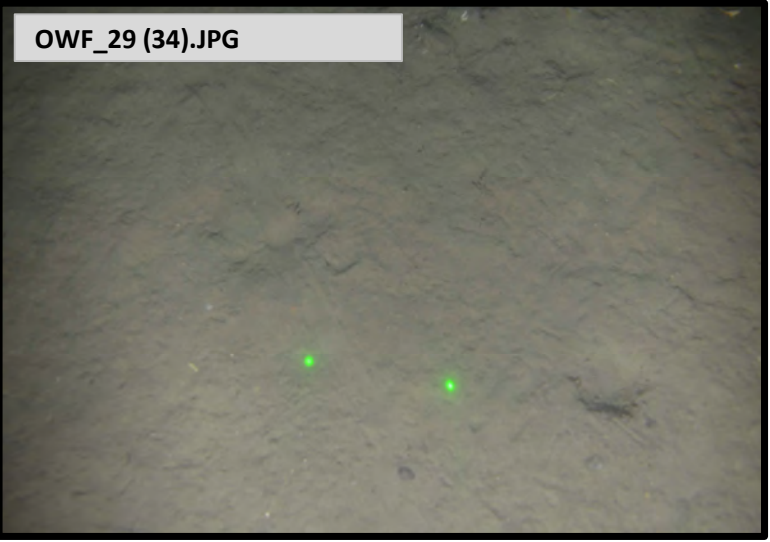


Photo Position: 402640 mE, 6329381 mN

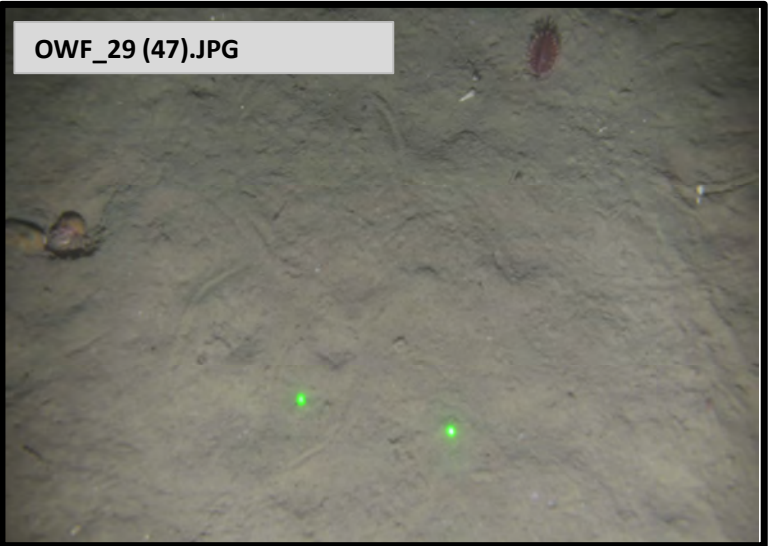


Photo Position: 402659 mE, 6329300 mN

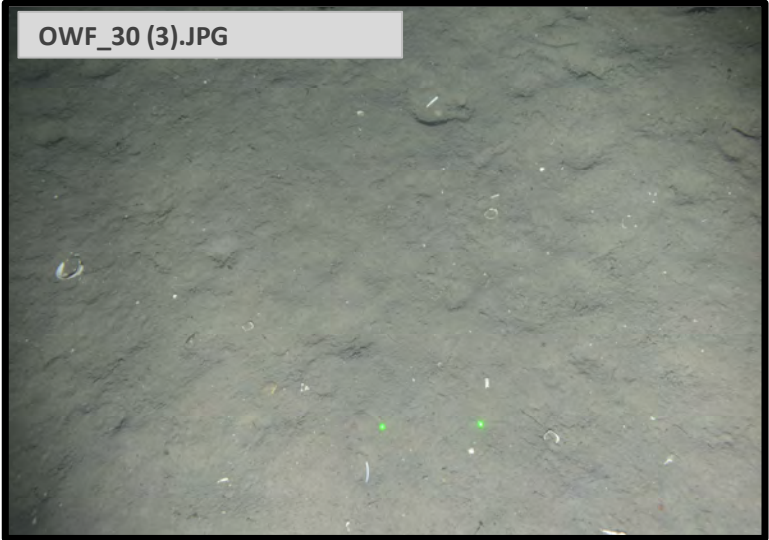


Photo Position: 410041 mE, 6336144 mN

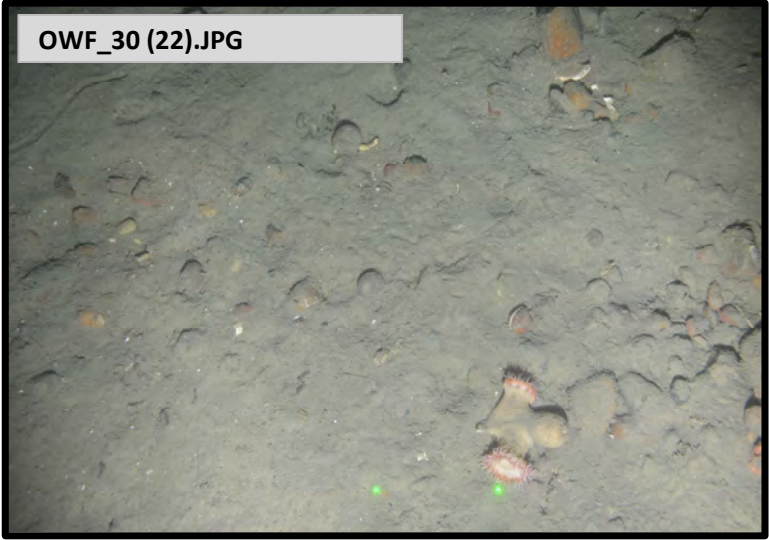


Photo Position: 409871 mE, 6336095 mN



Sediment Example Image

Habitat Summary Information: OWF_030

Survey Area: Central North Sea

No. of Stills: 68 Mins of Video: 23:49 Track Length: 345.94m

Site Selection Criteria

To provide spatial coverage in the centre of the array area and cover the boundary between a large area of higher reflectivity and lower reflectivity sediment type.

Analogue Interpretation

Flat homogeneous sediment, mottled reflectivity, with areas of coarse sediment and cobbles.

Sediment Description

Muddy sand with shell debris and occasional burrows. Areas with more mixed sediment comprised of cobbles and small boulders overlaid with muddy sands.

Conspicuous Fauna

Porifera: *Axinella infundibuliformis*. **Cnidaria:** *Funiculina quadrangularis*, *Pennatula phosphorea*, *Virgularia mirabilis*, *Hydrozoa* sp, *Actiniaria* sp. **Annelida:** *Filograna implexa*, *Ditrupa arietina*. **Arthropoda:** *Nephrops norvegicus*, *Pagurus bernhardus*, *Majidae* sp, *Cancer maenus*. **Mollusca:** *Buccinum undatum*, *Janolus cristatus*, *Bivalvia* sp. **Echinodermata:** *Ophiurida* sp. **Chordata:** *Limanda limanda*, *Gadus morhua*, *Myxine glutinosa*, *Gadidae* sp. **Cnidaria:** *Hydrozoa* sp.

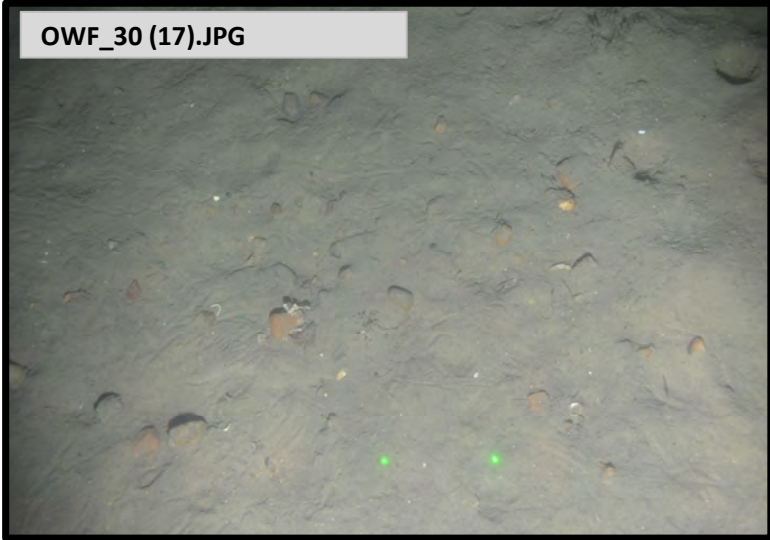


Photo Position: 409911 mE, 6336106 mN

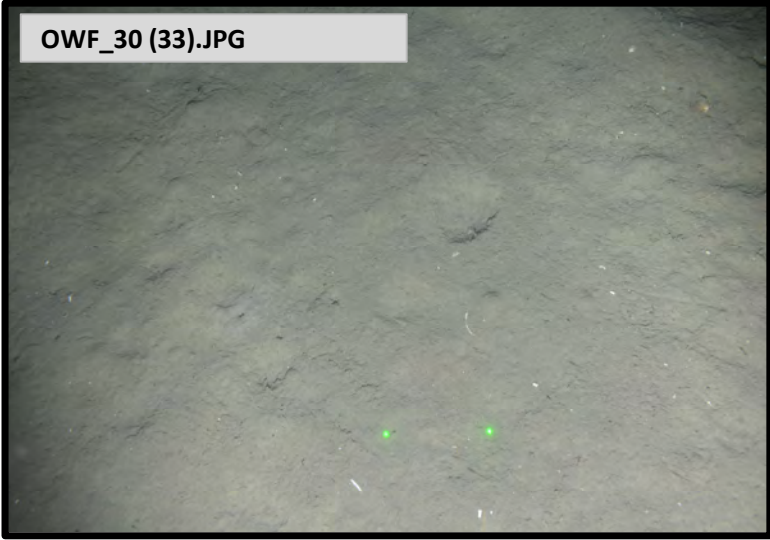
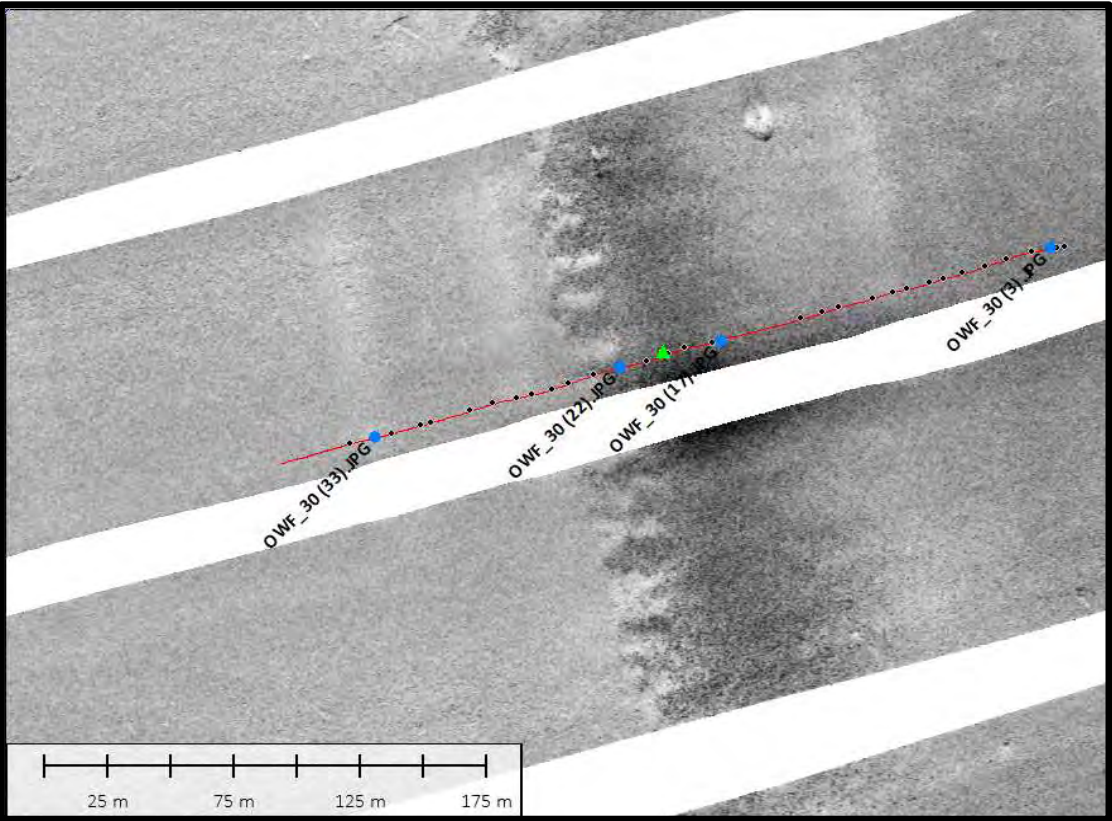


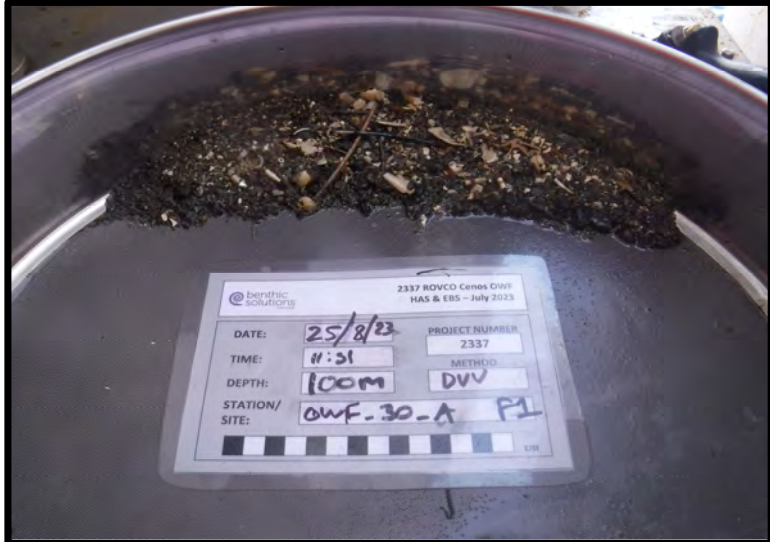
Photo Position: 409774 mE, 6336067 mN



Client

Contractor

Geodetic Information: Datum: WGS84 Projection: UTM Zone: 31 North Central Meridian: 3° East



Sieved Sample Image

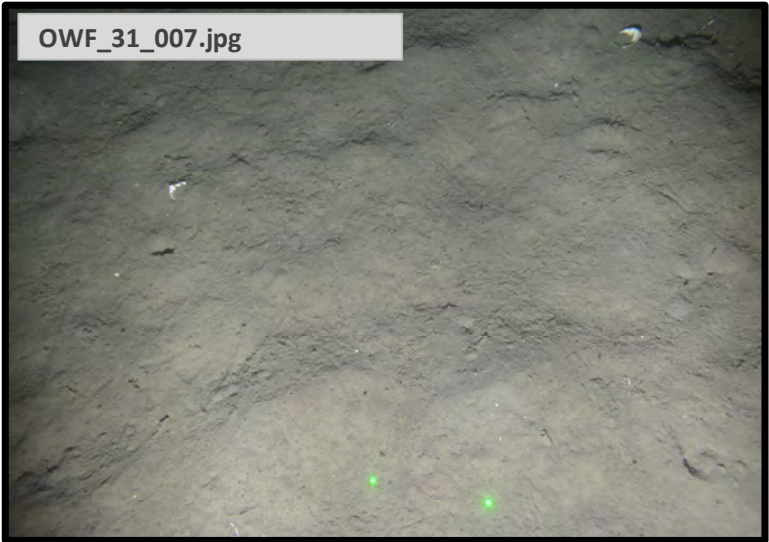


Photo Position: 411237 mE, 6330370 mN

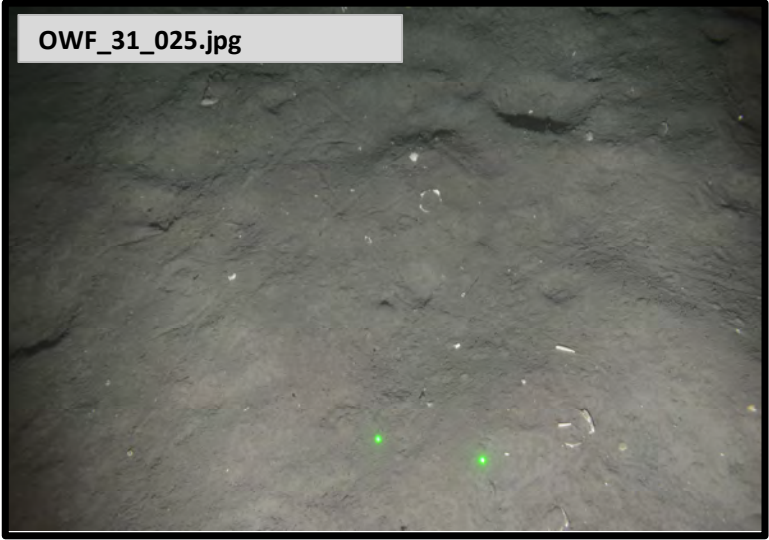


Photo Position: 411291 mE, 6330288 mN

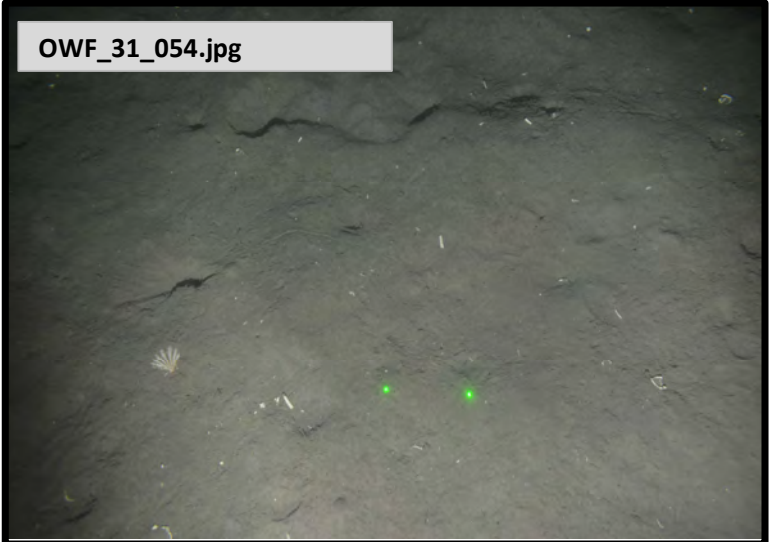


Photo Position: 411358 mE, 6330193 mN

Habitat Summary Information: OWF_031

Survey Area: Central North Sea

No. of Stills: 75

Mins of Video: 19:45

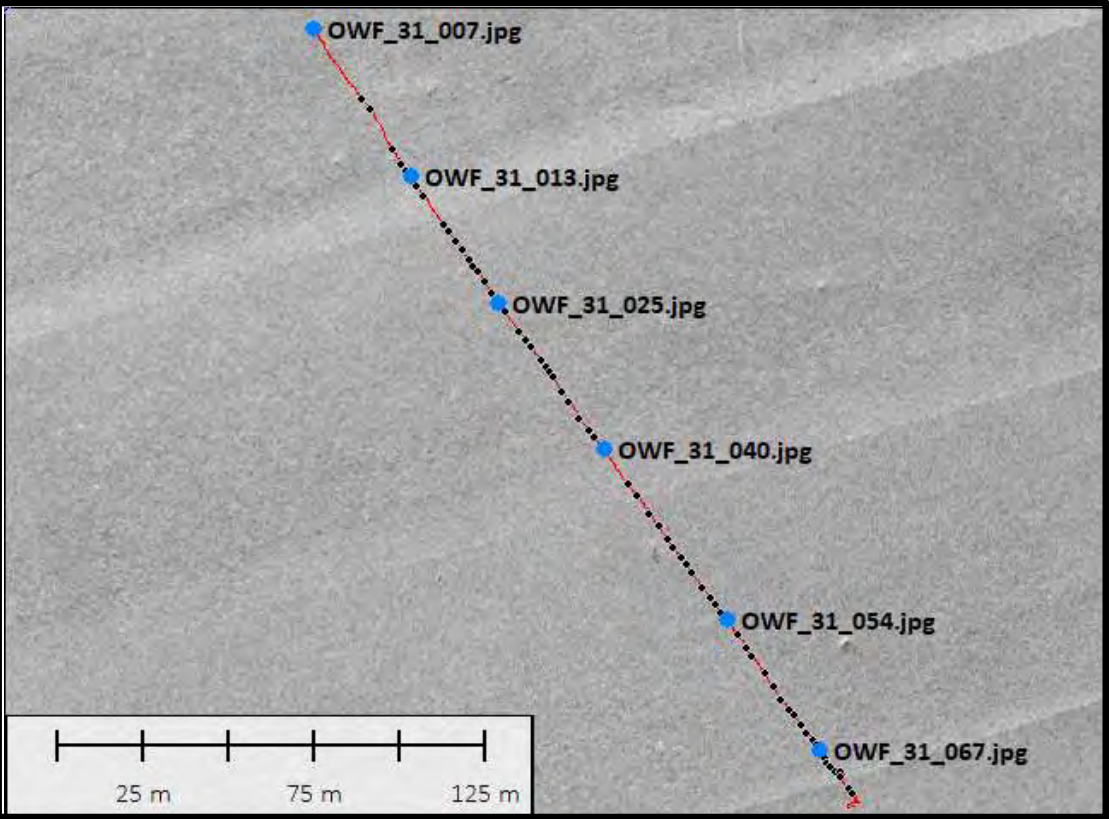
Track Length: 320.74m

Site Selection Criteria
To reduce sampling gap between grab stations.

Analogue Interpretation
Flat homogeneous sediment, mottled reflectivity, with some cobbles.

Sediment Description
Muddy sand with shell debris and occasional burrows.

Conspicuous Fauna
Cnidaria: *Pennatula phosphorea*, *Virgularia mirabilis*, *Hydrozoa* sp. **Arthropoda:** *Nephrops norvegicus*, *Pagurus bernhardus*, *Cancer maenus*. **Mollusca:** *Bivalvia* sp, *Gastropoda* sp. **Chordata:** *Limanda limanda*, *Gadus morhua*, *Myxine glutinosa*, *Gadidae* sp.



Client

Contractor

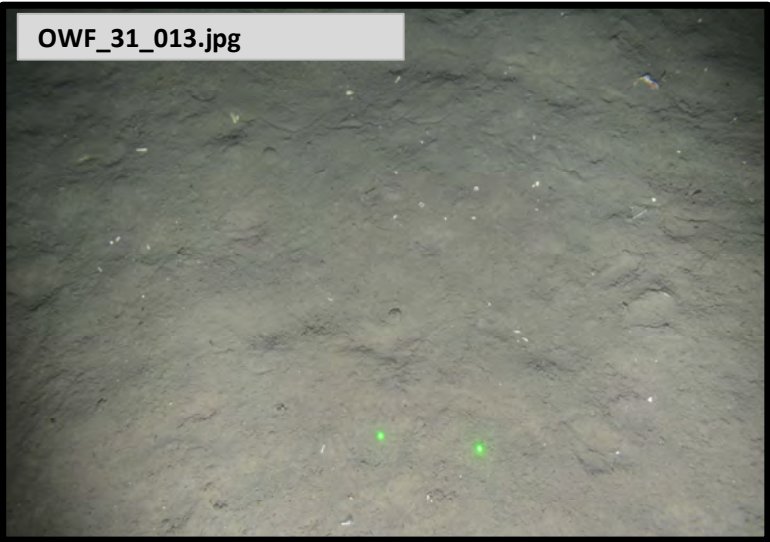


Photo Position: 411265 mE, 6330326 mN

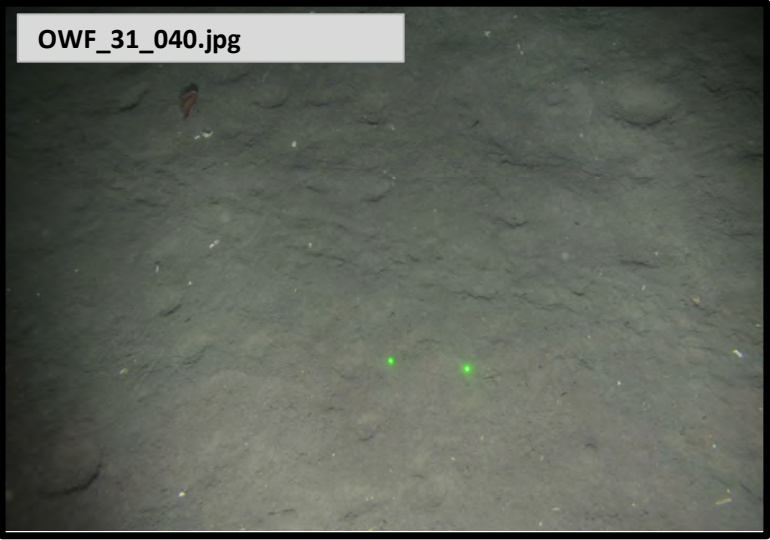


Photo Position: 411322 mE, 6330244 mN

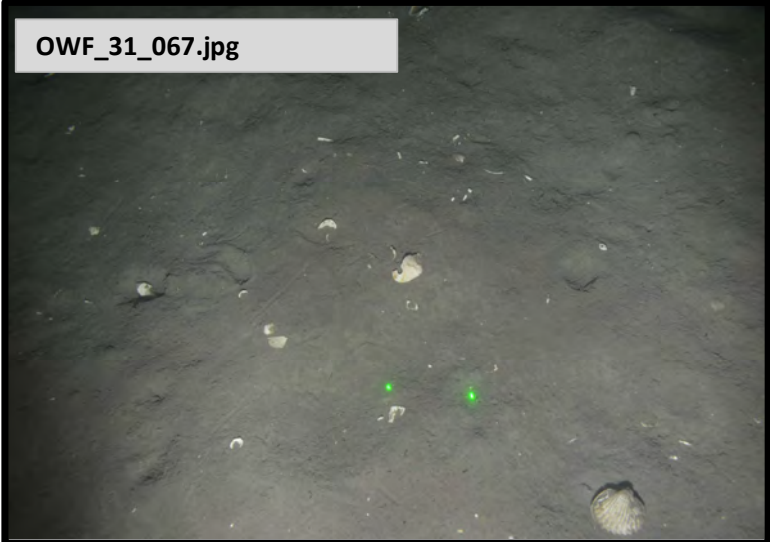


Photo Position: 411385 mE, 6330154 mN

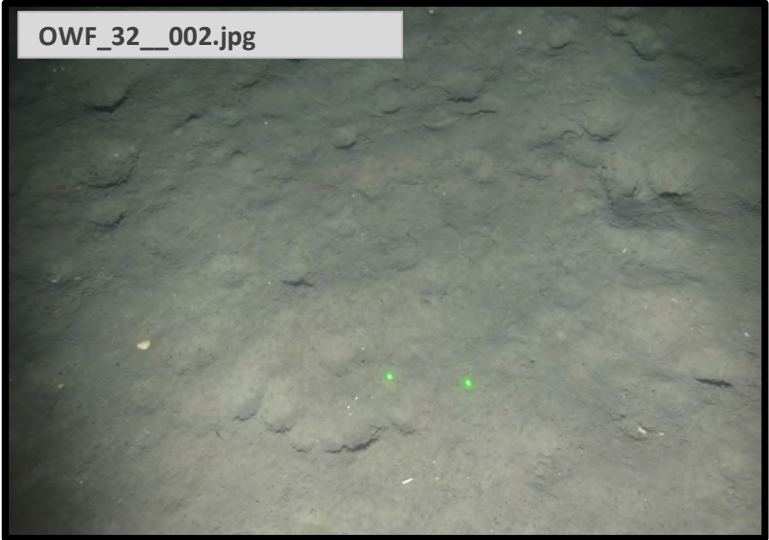


Photo Position: 414340 mE, 6330657 mN



Photo Position: 414461 mE, 6330552 mN



Sediment Example Image

Habitat Summary Information: OWF_032

Survey Area: Central North Sea

No. of Stills: 47

Mins of Video: 24:43

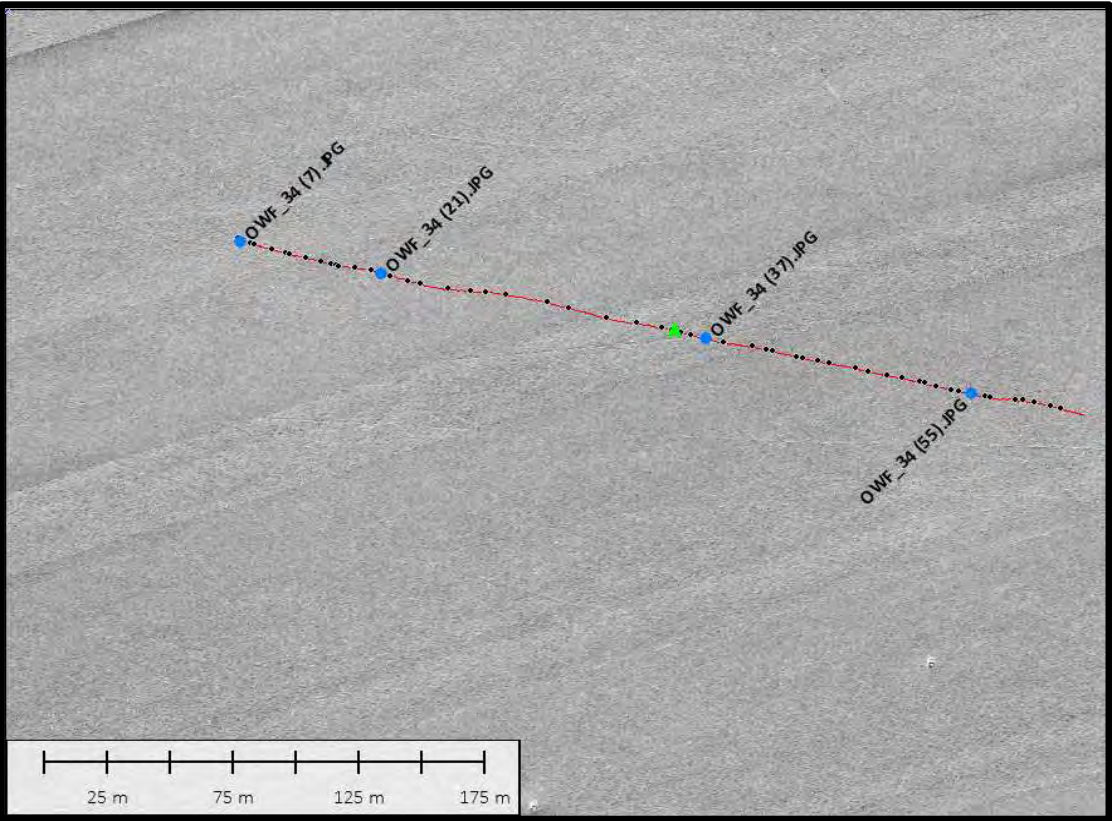
Track Length: 357.07m

Site Selection Criteria
To provide spatial coverage at Eastern array area boundary and to cover a small and patchy area of high reflectivity sediment.

Analogue Interpretation
Flat homogeneous sediment, mottled reflectivity, with areas of mixed sediment and cobbles.

Sediment Description
Muddy sand with shell debris and occasional burrows. Areas with mixed sediment of pebbles, cobbles, and shell debris in muddy sand.

Conspicuous Fauna
Porifera: *Axinella infundibuliformis*. **Cnidaria:** *Funiculina quadrangularis*, *Pennatula phosphorea*, *Virgularia mirabilis*, *Hydrozoa* sp, *Actiniaria* sp. **Annelida:** *Ditrupa arietina*. **Arthropoda:** *Munida rugosa*, *Pagurus bernhardus*, *Majidae* sp, *Cancer maenus*. **Mollusca:** *Buccinum undatum*, *Bivalvia* sp, *Gastropoda* sp. **Echinodermata:** *Echinus esculentus*, *Asteriidae* sp. **Chordata:** *Limanda limanda*, *Gadus morhua*, *Myxine glutinosa*. **Rhodophyta:** *Corallina* sp. **Chordata:** *Gadidae* sp. **Cnidaria:** *Hydrozoa* sp.



Client

Contractor

▲ Grab Location ● UW Image ● UW Featured Image ~ UW Video Track

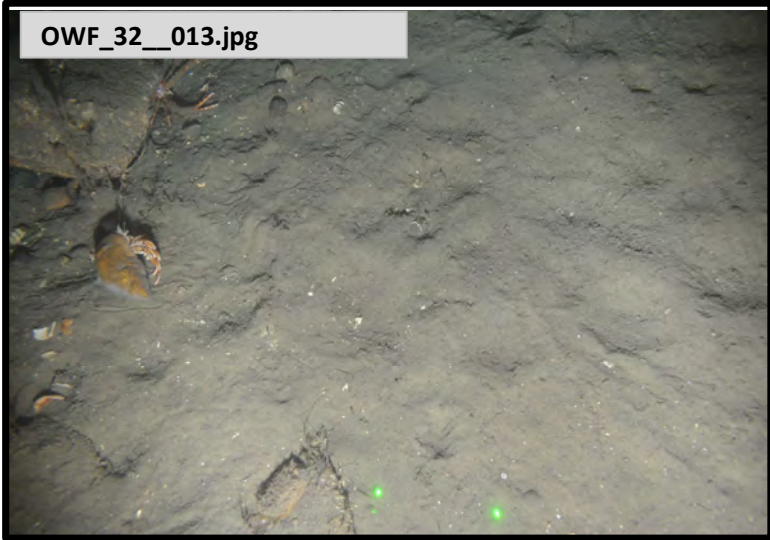
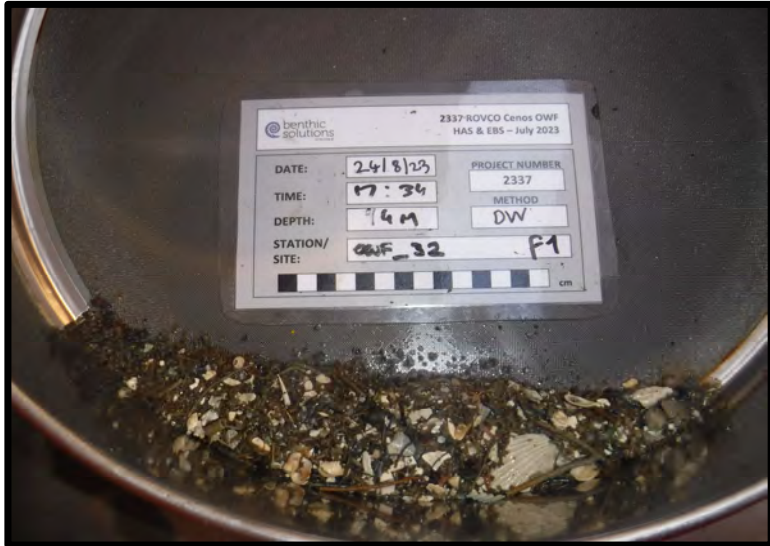


Photo Position: 414383 mE, 6330619 mN



Photo Position: 414543 mE, 6330481 mN



Sieved Sample Image

Geodetic Information: Datum: WGS84 Projection: UTM Zone: 31 North Central Meridian: 3° East

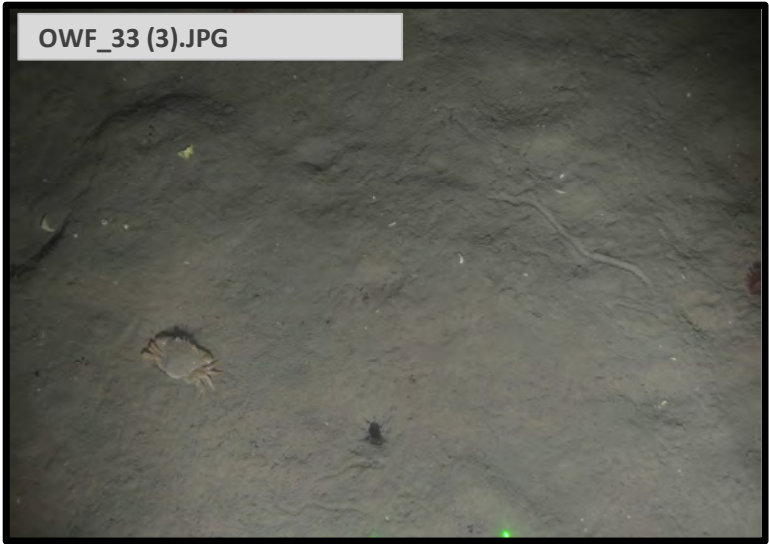


Photo Position: 399025 mE, 6329202 mN

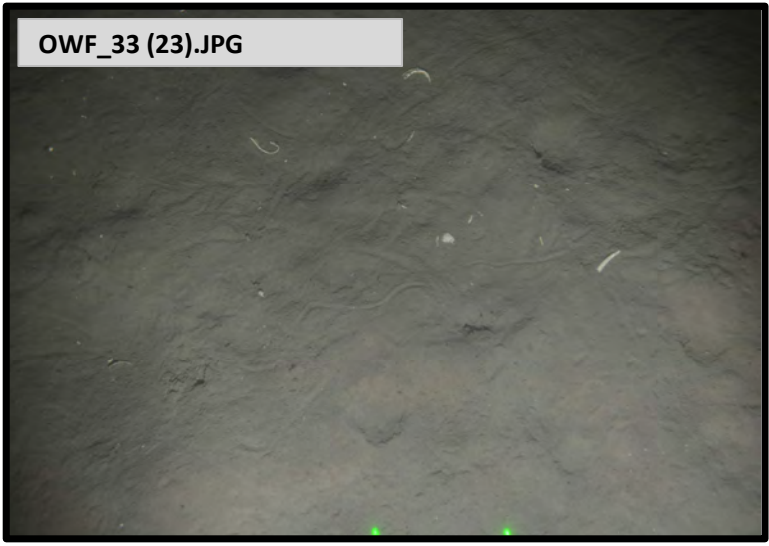


Photo Position: 398832 mE, 6329203 mN



Sediment Example Image

Habitat Summary Information: OWF_033

Survey Area: Central North Sea

No. of Stills: 35 Mins of Video: 22:42 Track Length: 358.85m

Site Selection Criteria

Historic JNCC grab/DDV sampling site. Recorded presence of mud habitats (JNCC, 2015).

Analogue Interpretation

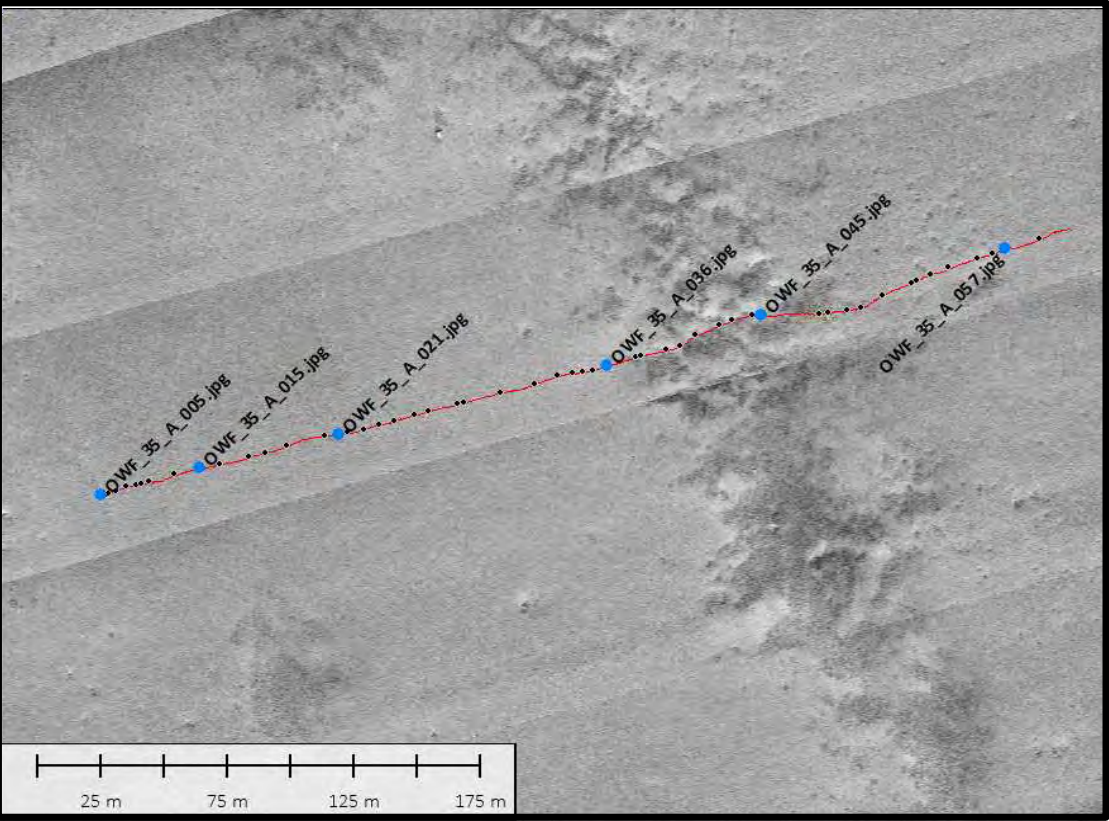
Flat homogeneous sediment, mottled reflectivity.

Sediment Description

Muddy sand with shell debris and occasional burrows. Anthropogenic debris present in section of transect.

Conspicuous Fauna

Cnidaria: *Pennatula phosphorea*, *Virgularia mirabilis*. **Arthropoda:** *Pagurus bernhardus*, *Cancer maenus*. **Mollusca:** *Aequipecten opercularis*. **Echinodermata:** *Asteriidae* sp. **Chordata:** *Limanda limanda*, *Gadus morhua*, *Myxine glutinosa*, *Gadidae* sp.



Client

Contractor

▲ Grab Location ● UW Image ● UW Featured Image ~ UW Video Track

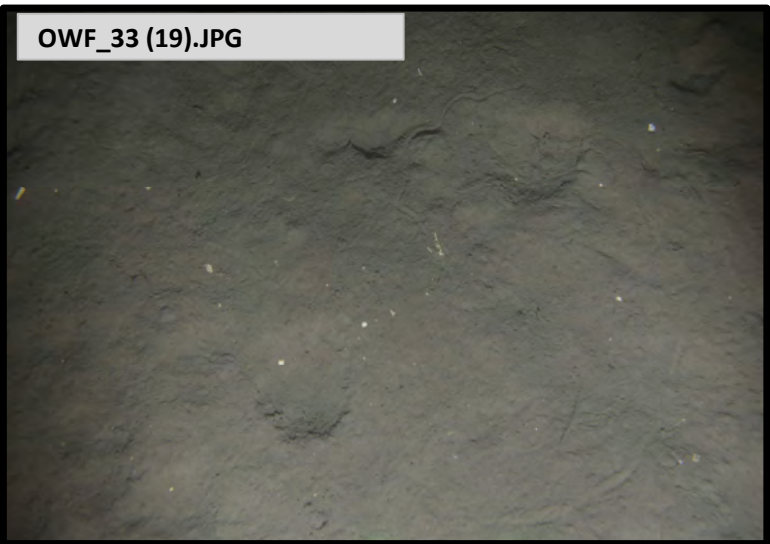


Photo Position: 398879 mE, 6329202 mN

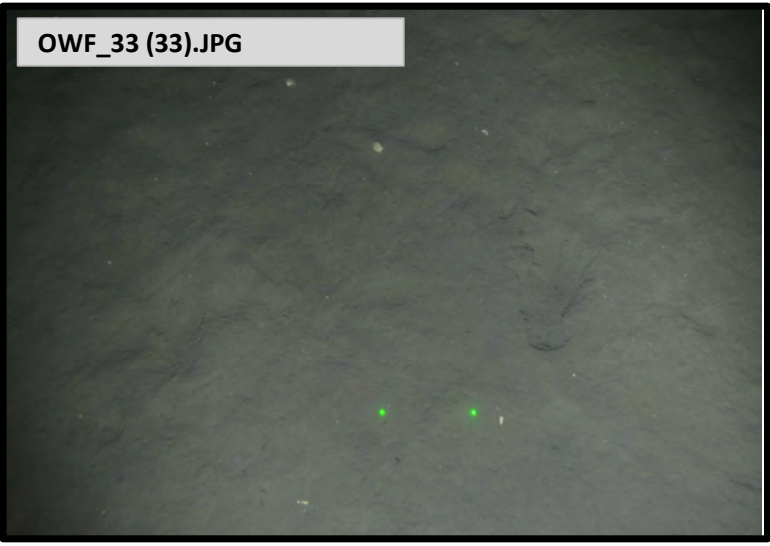


Photo Position: 398748 mE, 6329203 mN



Sieved Sample Image

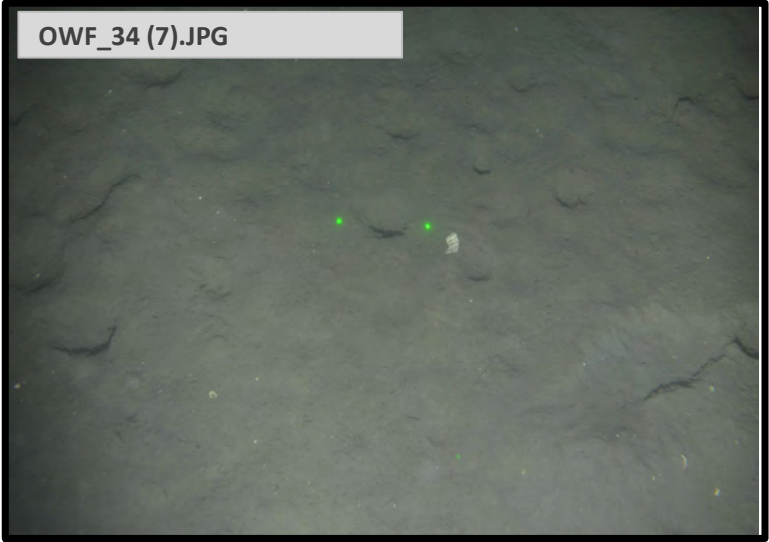


Photo Position: 404344 mE, 6328809 mN

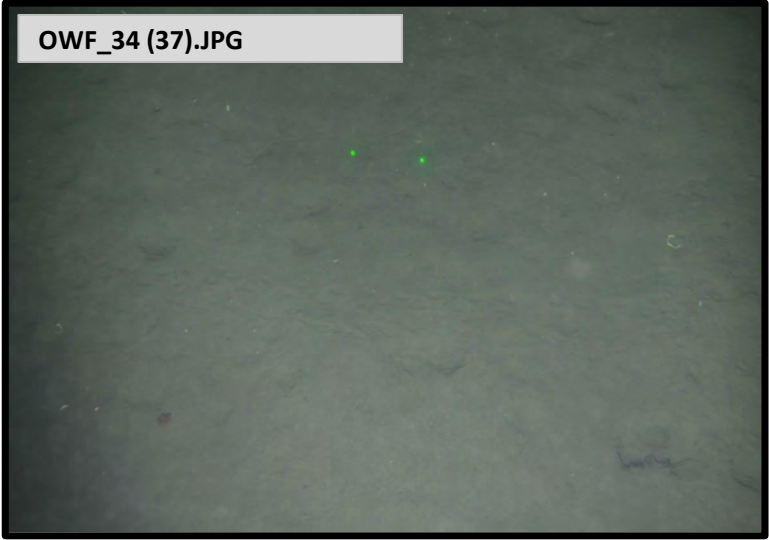


Photo Position: 404530 mE, 6328769 mN



Sediment Example Image

Habitat Summary Information: OWF_034

Survey Area: Central North Sea

No. of Stills: 62

Mins of Video: 23:35

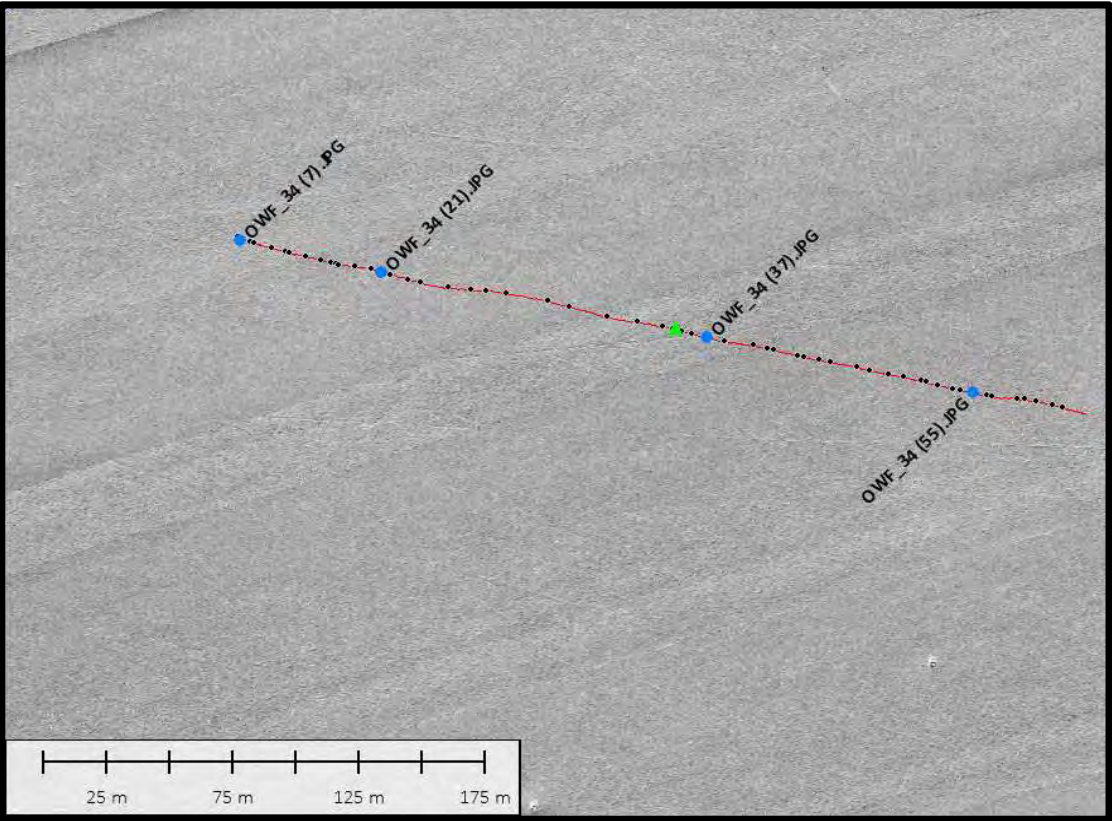
Track Length: 370.24m

Site Selection Criteria
To provide spatial coverage.

Analogue Interpretation
Flat homogeneous sediment, mottled reflectivity.

Sediment Description
Muddy sand with shell debris and occasional burrows.

Conspicuous Fauna
Cnidaria: *Pennatula phosphorea*, *Virgularia mirabilis*. **Arthropoda:** *Nephrops norvegicus*, *Pagurus bernhardus*, *Caridea* sp, *Cancer maenus*. **Mollusca:** *Aequipecten opercularis*, *Bivalvia* sp. **Echinodermata:** *Asteriidae* sp. **Chordata:** *Limanda limanda*, *Gadus morhua*, *Myxine glutinosa*, *Gadidae* sp.



Client

cenos

Contractor

benthic solutions limited

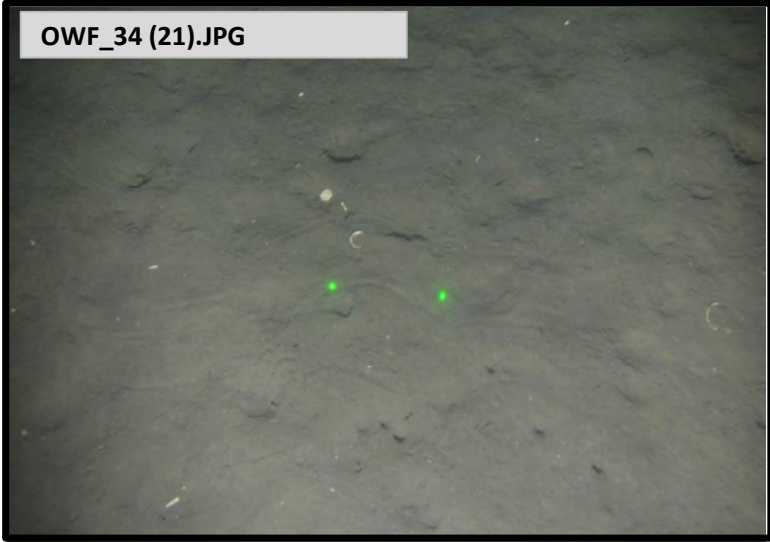


Photo Position: 404401 mE, 6328796 mN

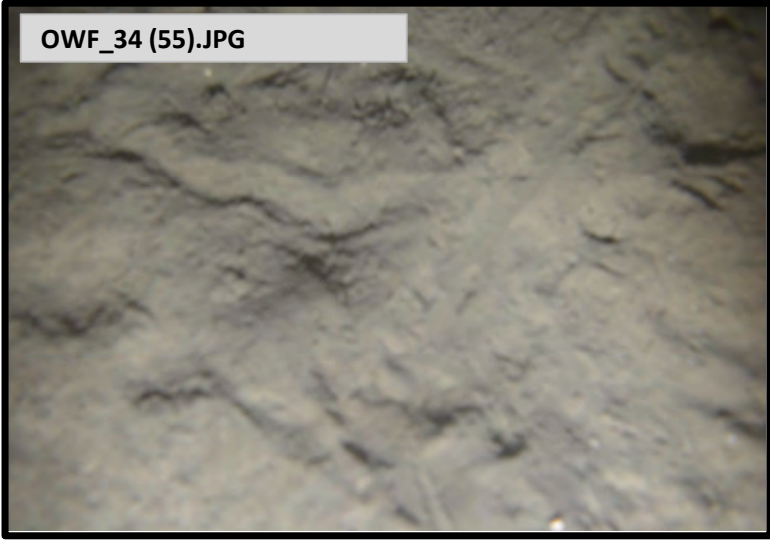


Photo Position: 404635 mE, 6328747 mN



Sieved Sample Image

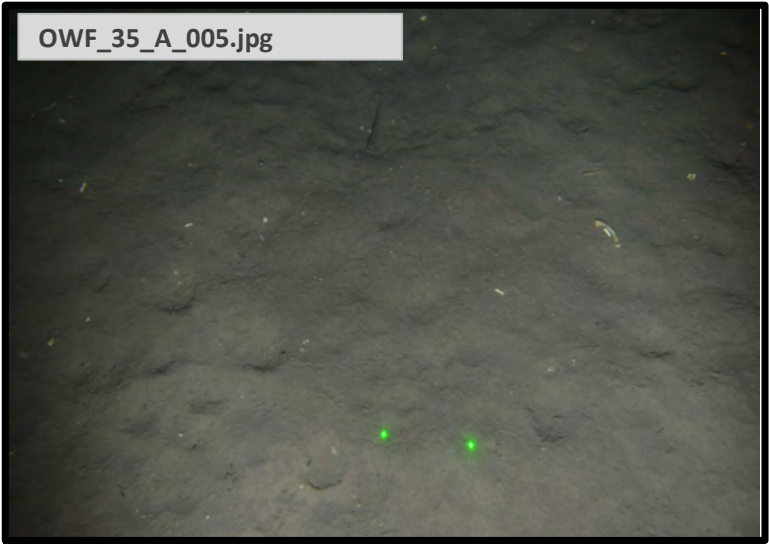


Photo Position: 406268 mE, 6329810 mN

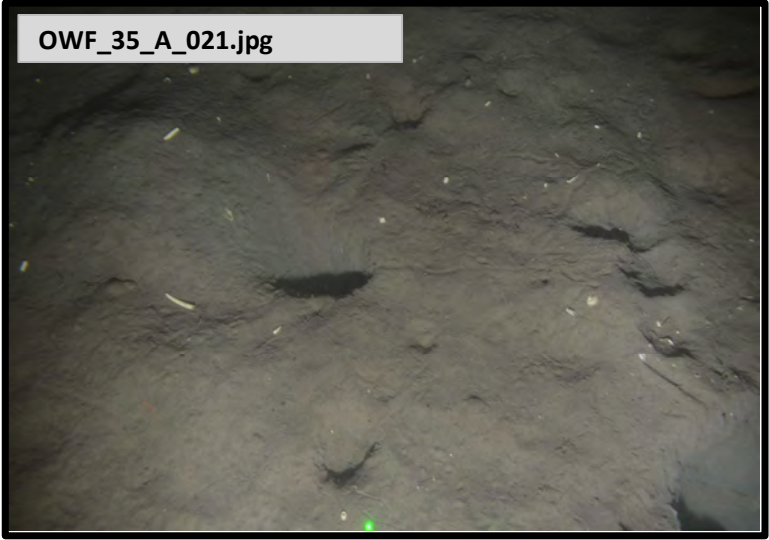


Photo Position: 406362 mE, 6329835 mN

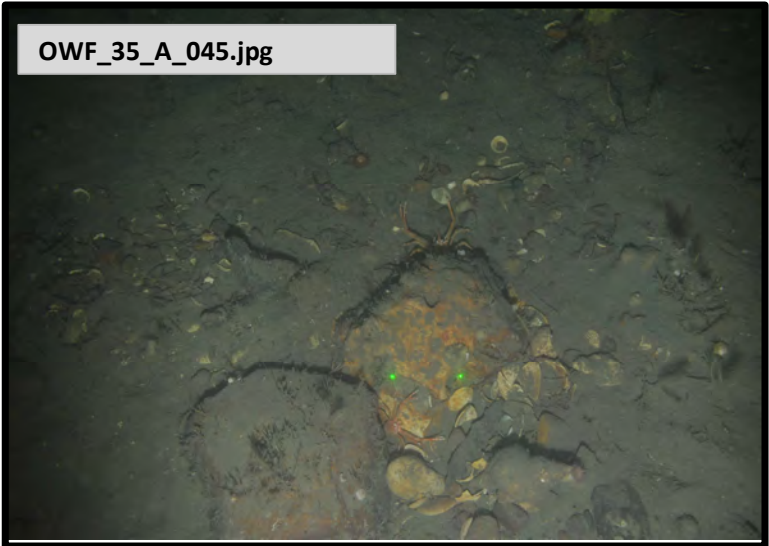


Photo Position: 406529 mE, 6329883 mN

Habitat Summary Information: OWF_035_A

Survey Area: Central North Sea

No. of Stills: 57 Mins of Video: 29:28 Track Length: 434.62m

Site Selection Criteria

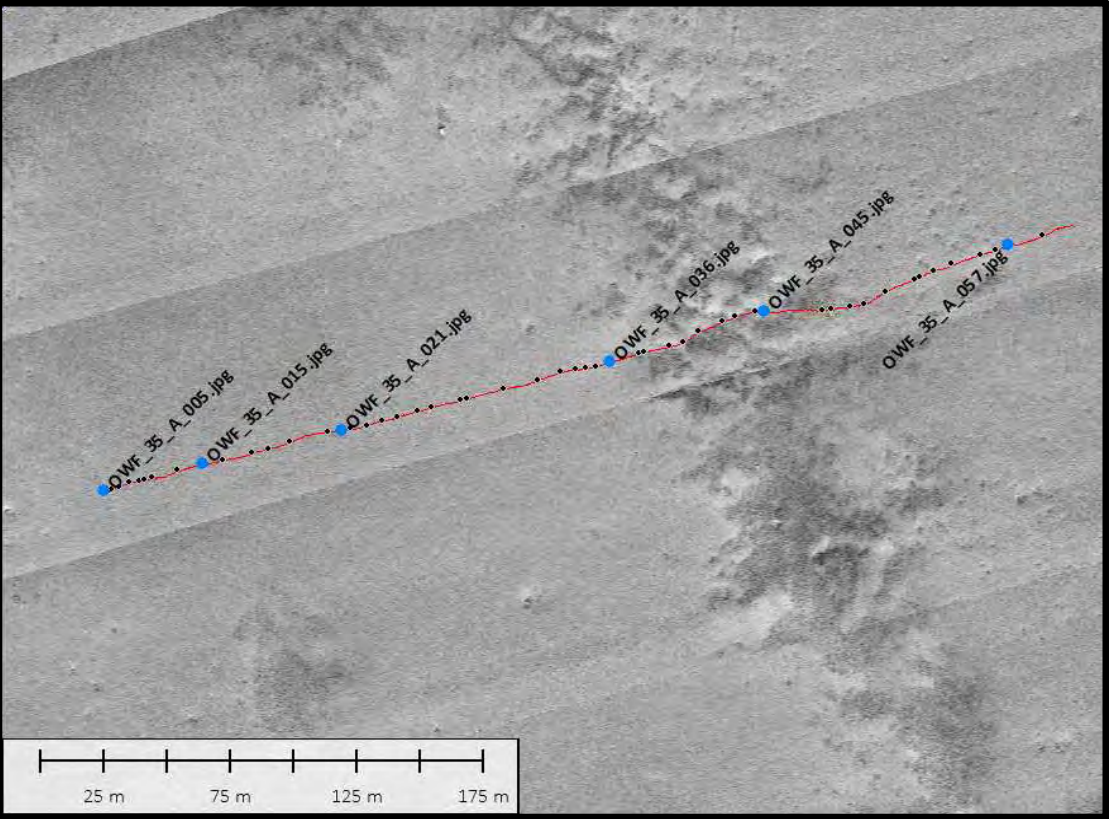
To reduce sampling gap between grab stations and to cover an area of linear, but patchy, high reflectivity sediment.

Sediment Description

Muddy sand with shell debris and occasional burrows. Areas of mixed sediment with pebbles, cobbles, small boulders and shell debris in muddy sand.

Conspicuous Fauna

Porifera: *Axinella infundibuliformis* . **Cnidaria:** *Funiculina quadrangularis* , *Pennatula phosphorea* , *Virgularia mirabilis* , *Hydrozoa* sp, *Actiniaria* sp. **Annelida:** *Filograna implexa* , *Ditrupa arietina* . **Arthropoda:** *Munida rugosa* , *Pagurus bernhardus* . **Mollusca:** *Buccinum undatum* , *Janolus cristatus* , *Bivalvia* sp, *Gastropoda* sp. **Echinodermata:** *Echinus esculentus* . **Chordata:** *Gadus morhua* , *Myxine glutinosa* . **Rhodophyta:** *Corallina* sp. **Chordata:** *Gadidae* sp. **Cnidaria:** *Hydrozoa* sp.



Client

Contractor

● UW Image ● UW Featured Image ~ UW Video Track

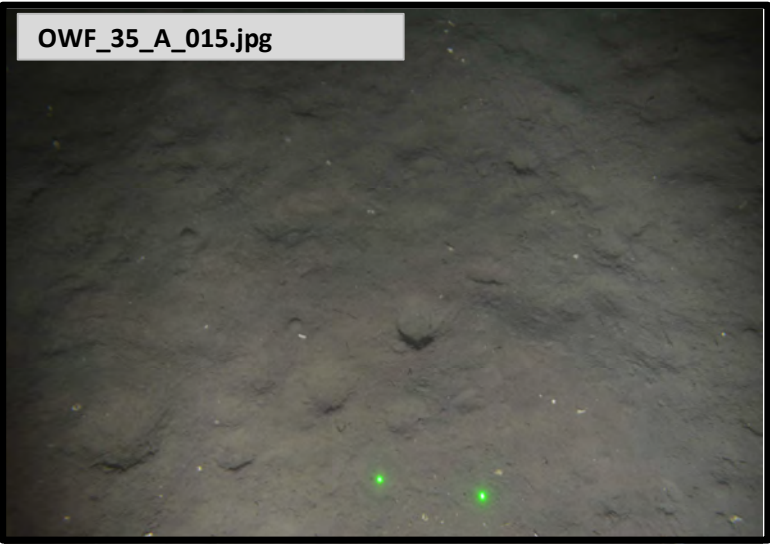


Photo Position: 406307 mE, 6329821 mN

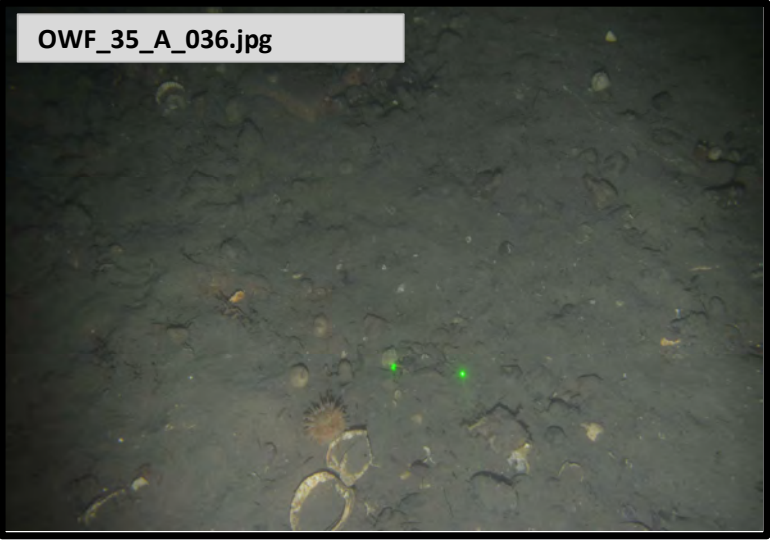


Photo Position: 406468 mE, 6329863 mN

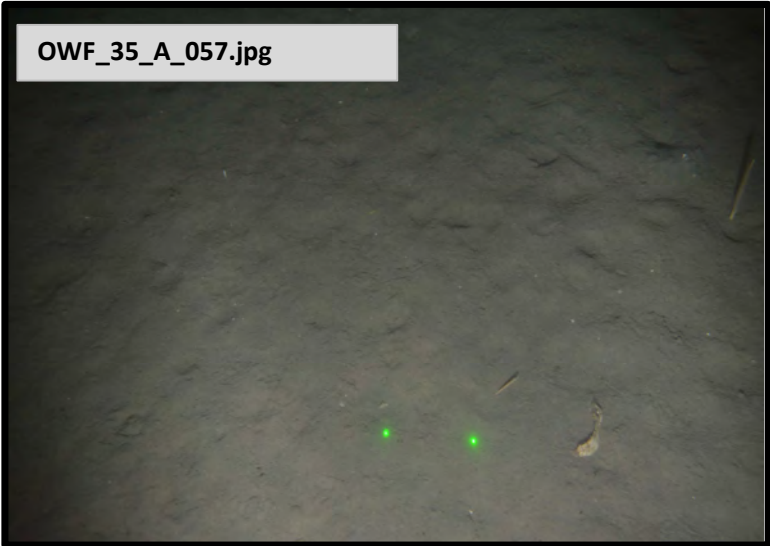


Photo Position: 406626 mE, 6329910 mN

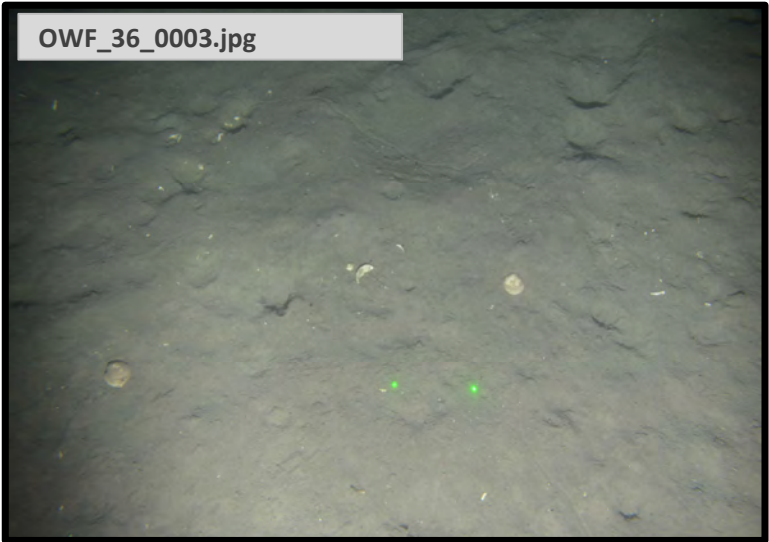


Photo Position: 412262 mE, 6325465 mN

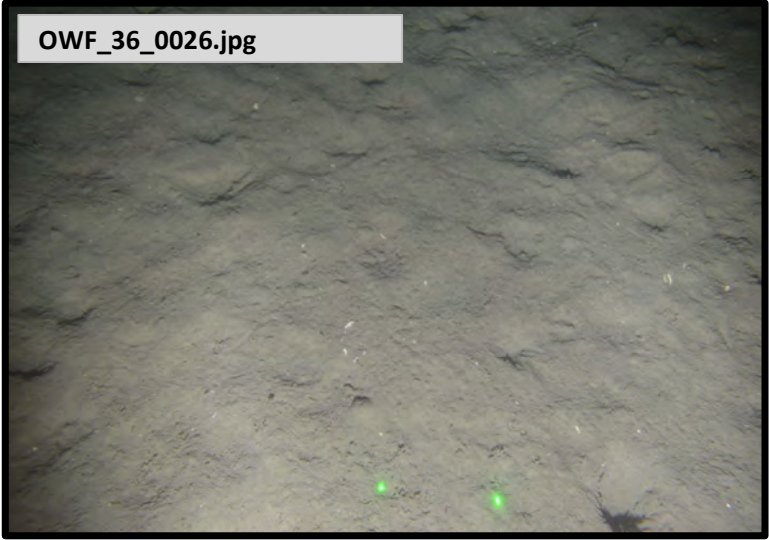


Photo Position: 412323 mE, 6325533 mN



Sediment Example Image

Habitat Summary Information: OWF_036

Survey Area: Central North Sea

No. of Stills: 57 Mins of Video: 34:45 Track Length: 459.69m

Site Selection Criteria

Proximity to oil well (c. 1000 m distance). To assess changes in benthic characteristics as move away from potential areas of contamination.

Analogue Interpretation

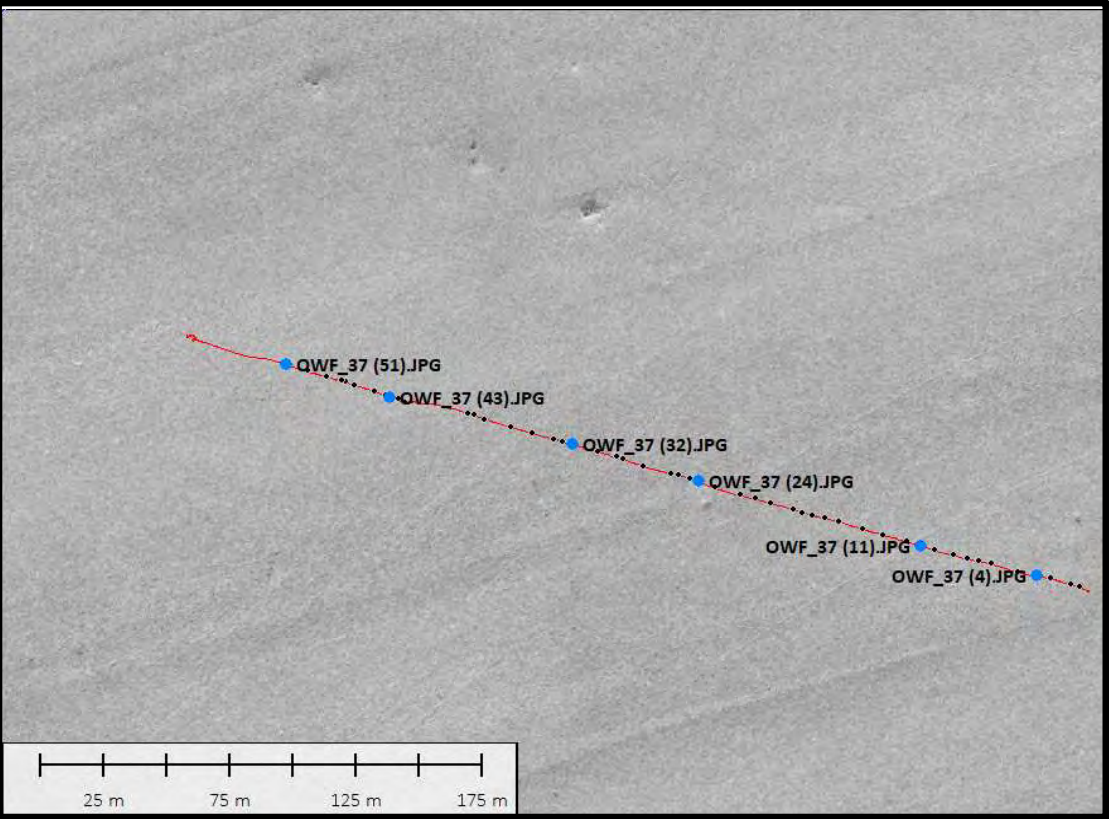
Flat homogeneous sediment, mottled reflectivity.

Sediment Description

Muddy sand with shell debris and occasional burrows. Some anthropogenic debris, metal chain with encrusting fauna.

Conspicuous Fauna

Porifera: *Axinella infundibuliformis*. **Cnidaria:** *Pennatula phosphorea*, *Virgularia mirabilis*, *Actiniaria* sp. **Arthropoda:** *Pagurus bernhardus*, *Cancer maenus*. **Mollusca:** *Aequipecten opercularis*, *Janolus cristatus*, *Bivalvia* sp. **Echinodermata:** *Asteriidae* sp. **Chordata:** *Limanda limanda*, *Gadus morhua*, *Myxine glutinosa*. **Cnidaria:** *Hydrozoa* sp.



Client

Contractor

Geodetic Infomation: Datum: WGS84 Projection: UTM Zone: 31 North Central Meridian: 3° East

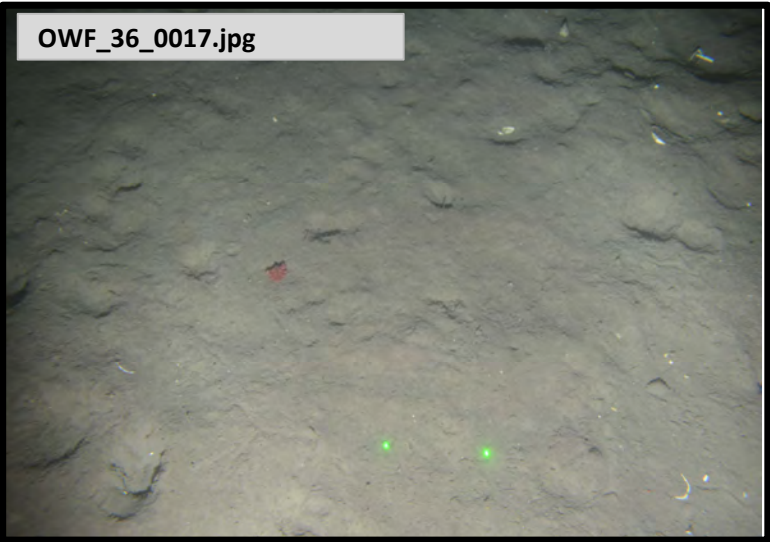


Photo Position: 412305 mE, 6325513 mN



Photo Position: 412378 mE, 6325597 mN



Sieved Sample Image

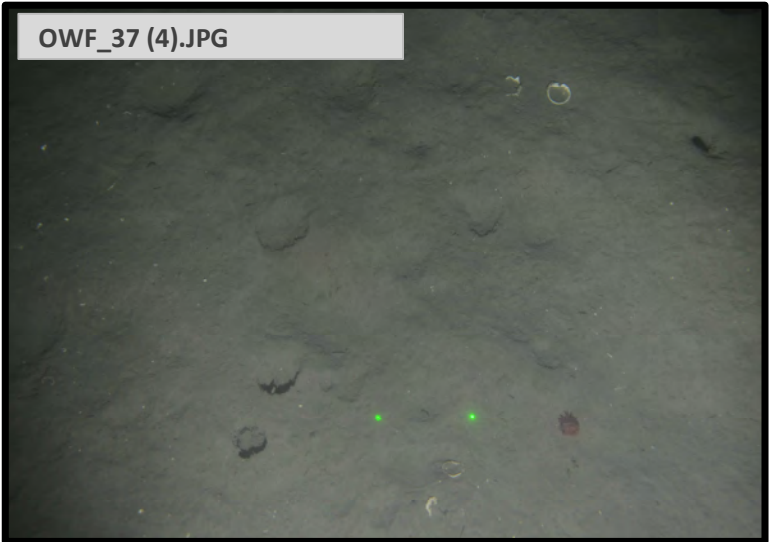


Photo Position: 400322 mE, 6328500 mN



Photo Position: 400188 mE, 6328538 mN

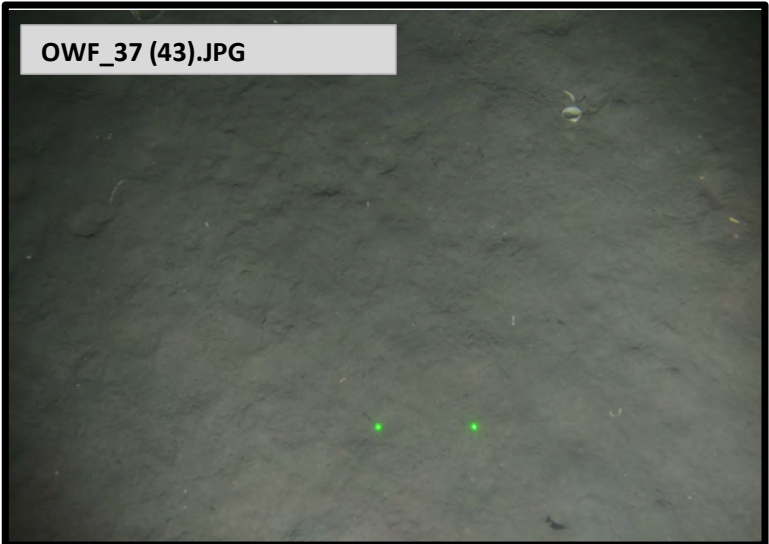


Photo Position: 400066 mE, 6328572 mN

Habitat Summary Information: OWF_037

Survey Area: Central North Sea

No. of Stills: 51

Mins of Video: 25:16

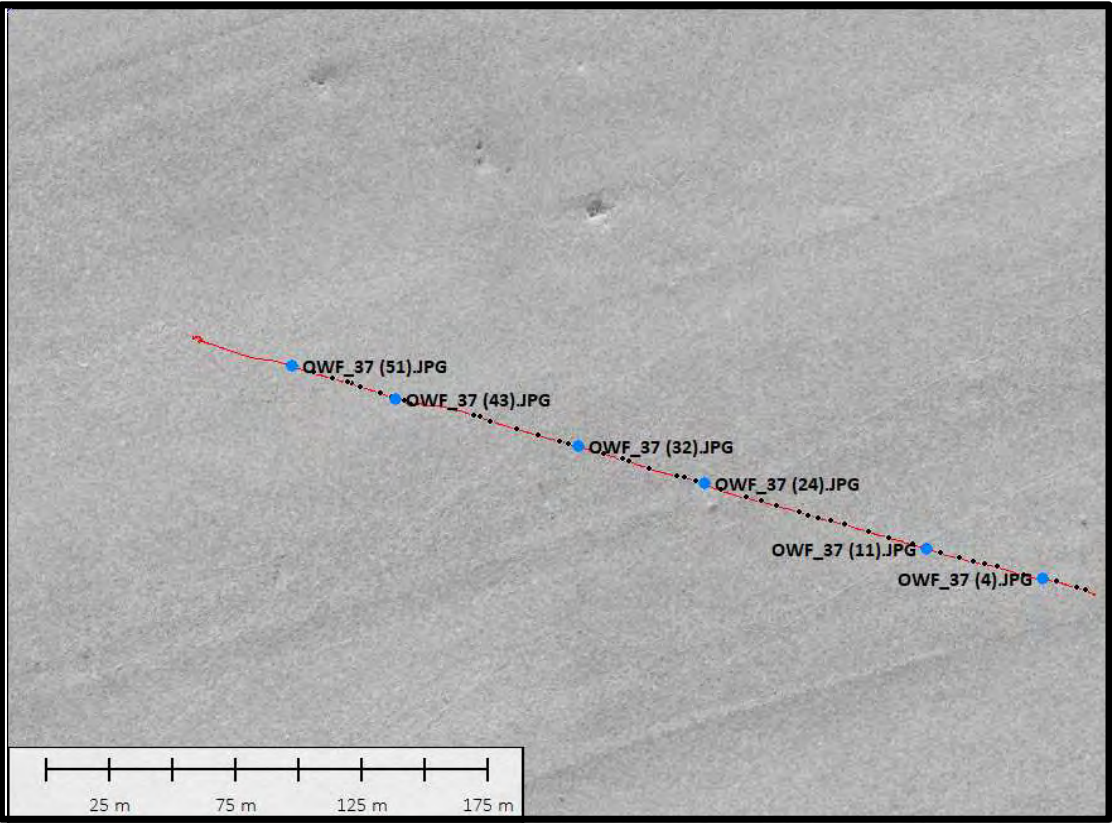
Track Length: 415.36m

Site Selection Criteria
Positioned in area of previous JNCC grab sampling.

Analogue Interpretation
Flat homogeneous sediment, mottled reflectivity.

Sediment Description
Muddy sand with shell debris and occasional burrows.

Conspicuous Fauna
Cnidaria: *Funiculina quadrangularis*, *Pennatula phosphorea*, *Actiniaria* sp. **Arthropoda:** *Pagurus bernhardus*, *Cancer maenus*. **Mollusca:** *Aequipecten opercularis*, *Buccinum undatum*. **Echinodermata:** *Asteriidae* sp. **Chordata:** *Limanda limanda*, *Gadus morhua*, *Gadidae* sp.



Client

Contractor

● UW Image ● UW Featured Image ~ UW Video Track

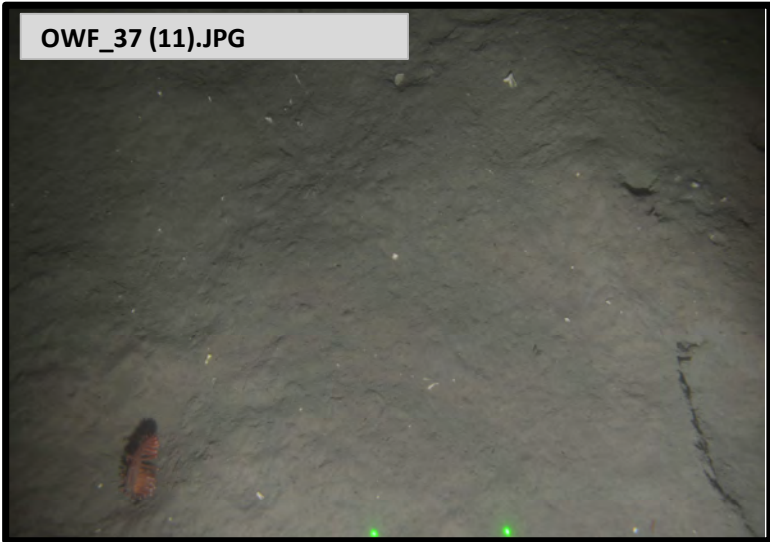


Photo Position: 400276 mE, 6328512 mN



Photo Position: 400139 mE, 6328553 mN



Photo Position: 400025 mE, 6328586 mN



Photo Position: 396709 mE, 6328740 mN

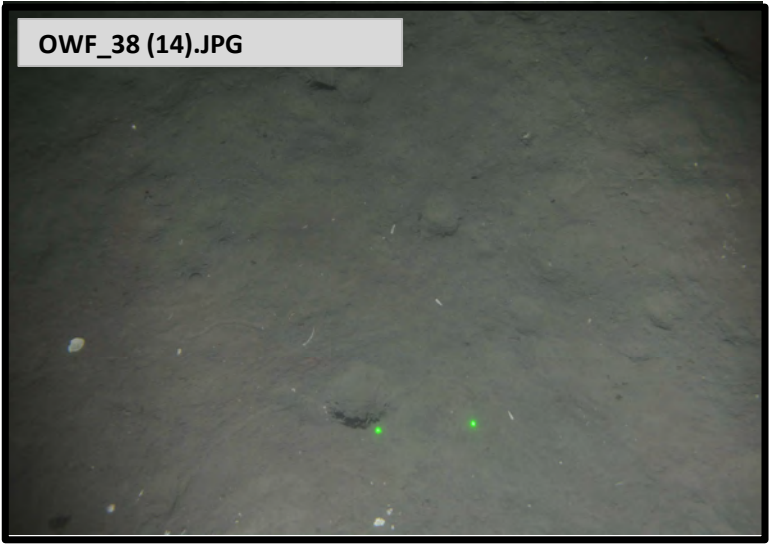


Photo Position: 396734 mE, 6328653 mN

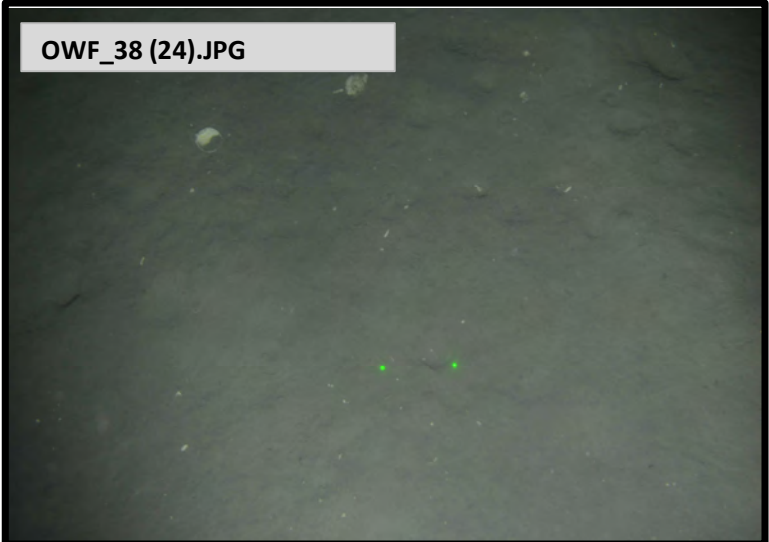


Photo Position: 396776 mE, 6328510 mN

Habitat Summary Information: OWF_038

Survey Area: Central North Sea

No. of Stills: 31 Mins of Video: 22:33 Track Length: 352.81m

Site Selection Criteria

To reduce sampling gap between grab stations. Positioned in area of previous JNCC grab sampling.

Analogue Interpretation

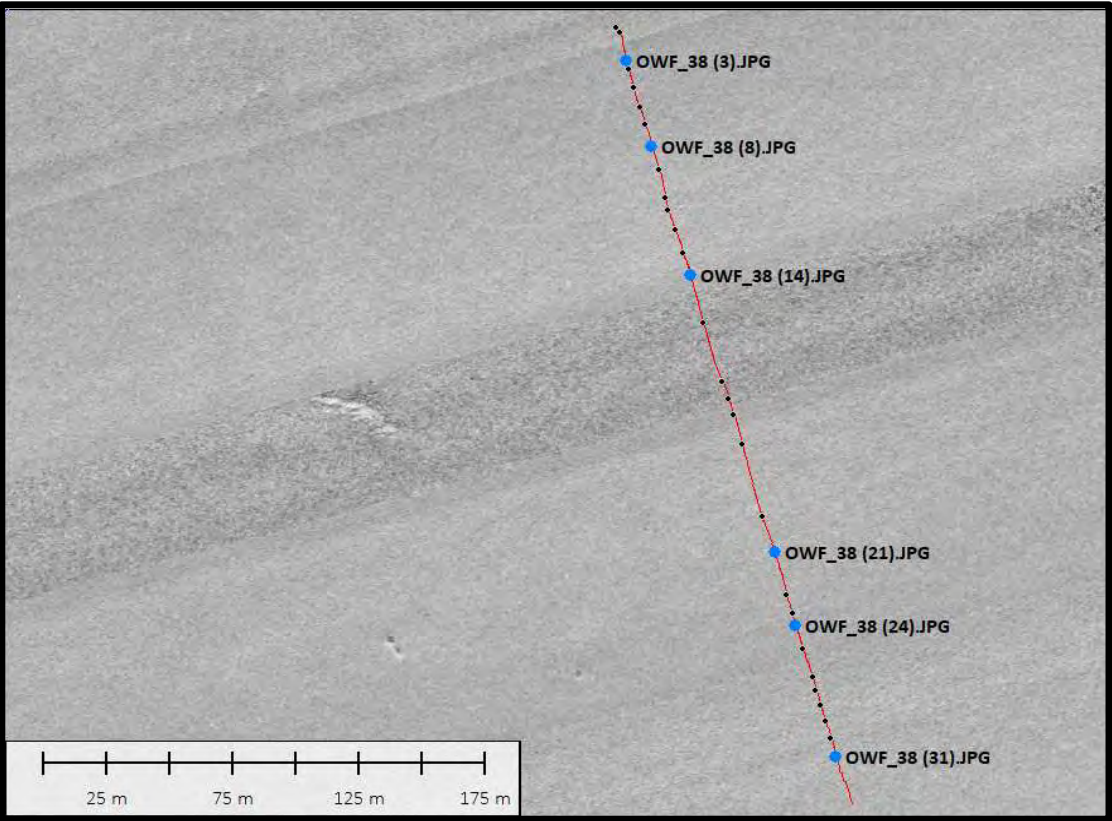
Flat homogeneous sediment, mottled reflectivity.

Sediment Description

Muddy sand with shell debris and occasional burrows.

Conspicuous Fauna

Cnidaria: *Pennatula phosphorea* , *Actiniaria* sp. **Arthropoda:** *Pagurus bernhardus* . **Mollusca:** *Aequipecten opercularis* , *Buccinum undatum* . **Echinodermata:** *Asteriidae* sp. **Chordata:** *Limanda limanda* , *Gadus morhua* , *Myxine glutinosa* , *Gadidae* sp.



Client

Contractor

● UW Image ● UW Featured Image ~ UW Video Track

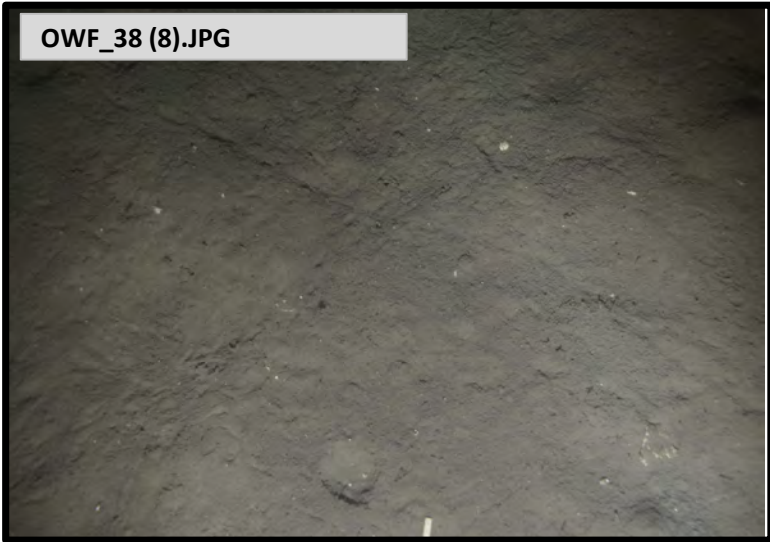


Photo Position: 396719 mE, 6328705 mN



Photo Position: 396768 mE, 6328540 mN

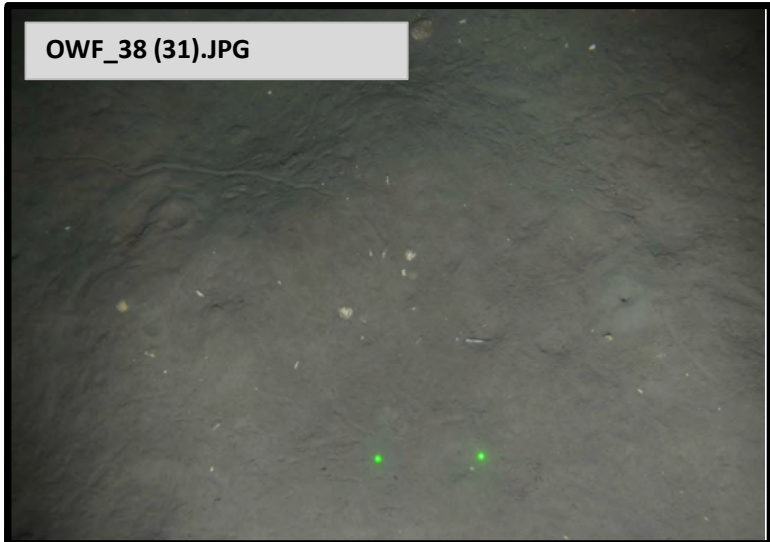


Photo Position: 396792 mE, 6328456 mN

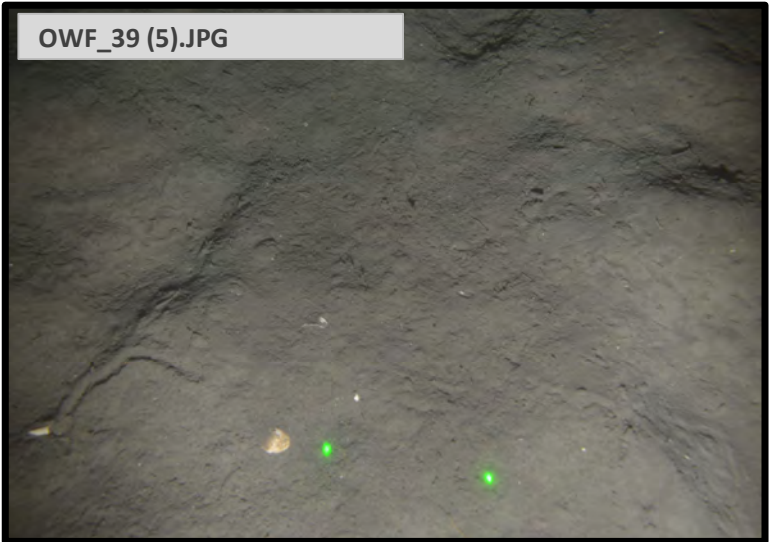


Photo Position: 401066 mE, 6327201 mN

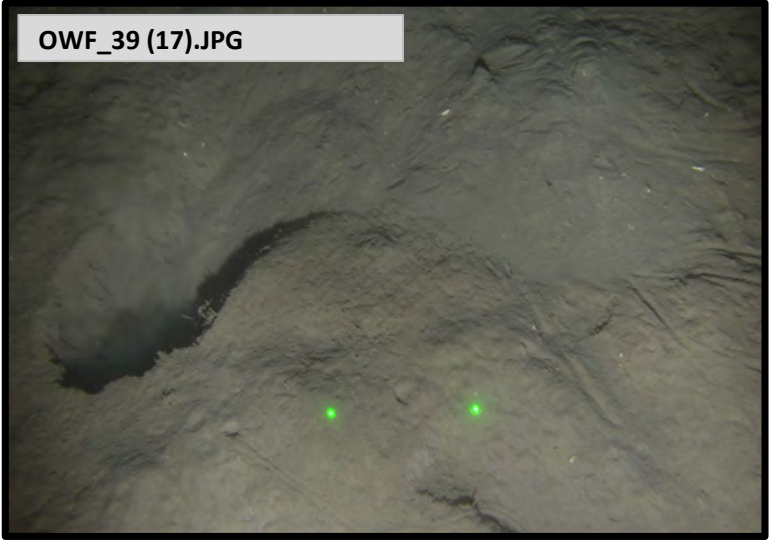


Photo Position: 400963 mE, 6327238 mN



Sediment Example Image

Habitat Summary Information: OWF_039

Survey Area: Central North Sea

No. of Stills: 30 Mins of Video: 27:45 Track Length: 388.66m

Site Selection Criteria

To reduce sampling gap between grab stations. Positioned in area of previous JNCC grab sampling.

Analogue Interpretation

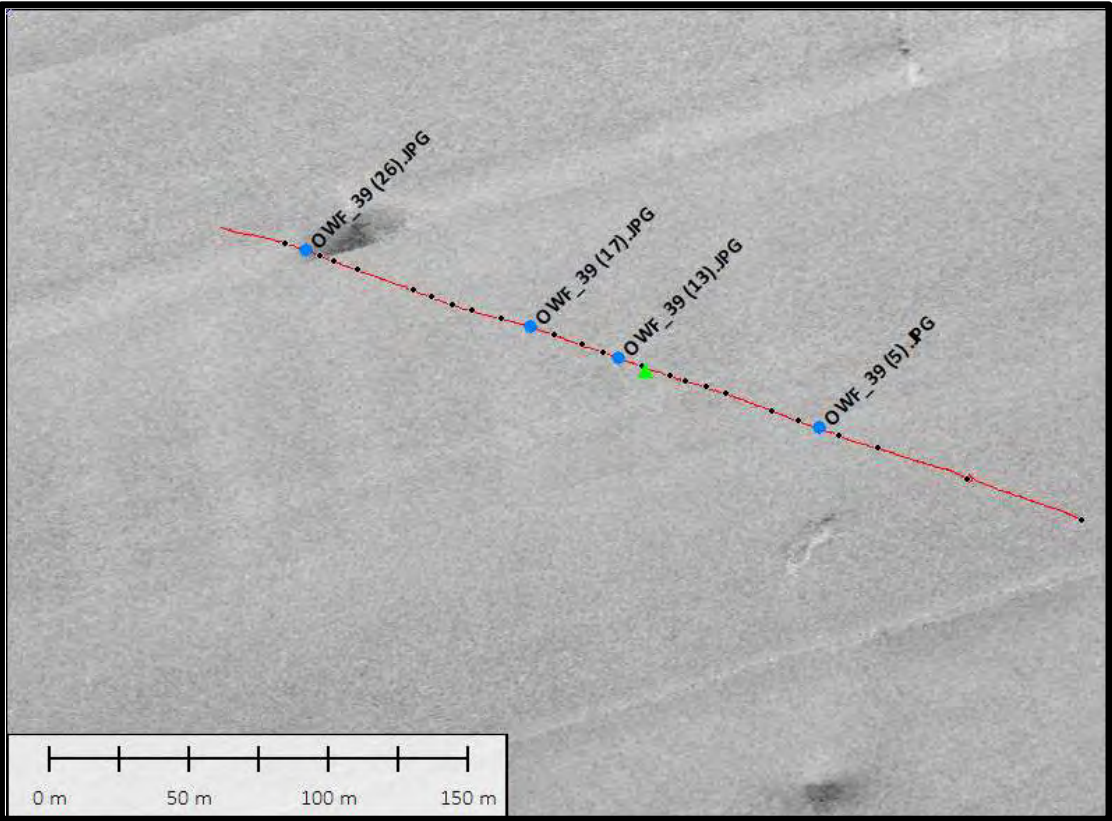
Flat homogeneous sediment, mottled reflectivity.

Sediment Description

Muddy sand with shell debris and occasional burrows.

Conspicuous Fauna

Cnidaria: *Pennatula phosphorea*, *Virgularia mirabilis*, *Actiniaria* sp. **Arthropoda:** *Pagurus bernhardus*, *Cancer maenus*. **Mollusca:** *Aequipecten opercularis*, *Gastropoda* sp. **Chordata:** *Limanda limanda*, *Gadus morhua*, *Myxine glutinosa*.



Client

Contractor

▲ Grab Location ● UW Image ● UW Featured Image ~ UW Video Track

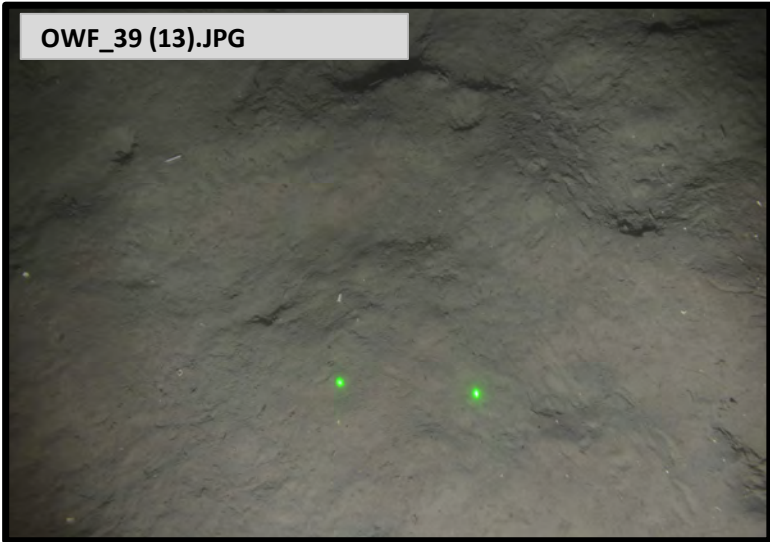


Photo Position: 400995 mE, 6327227 mN

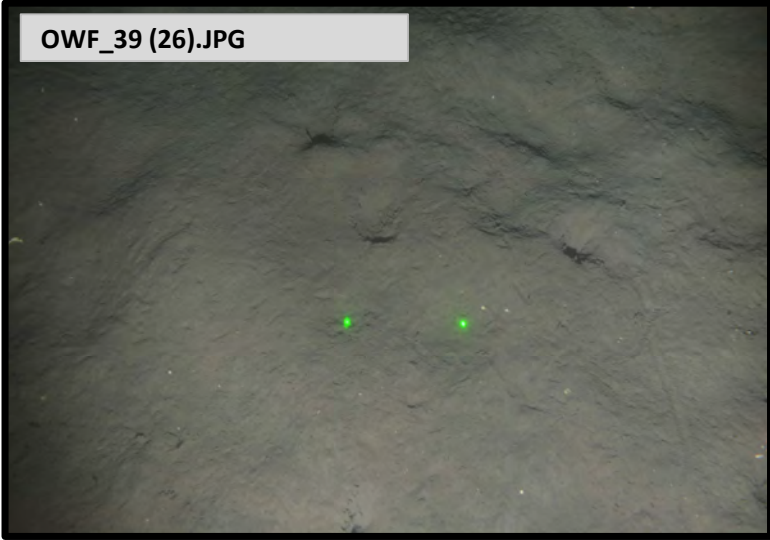


Photo Position: 400882 mE, 6327266 mN



Sieved Sample Image

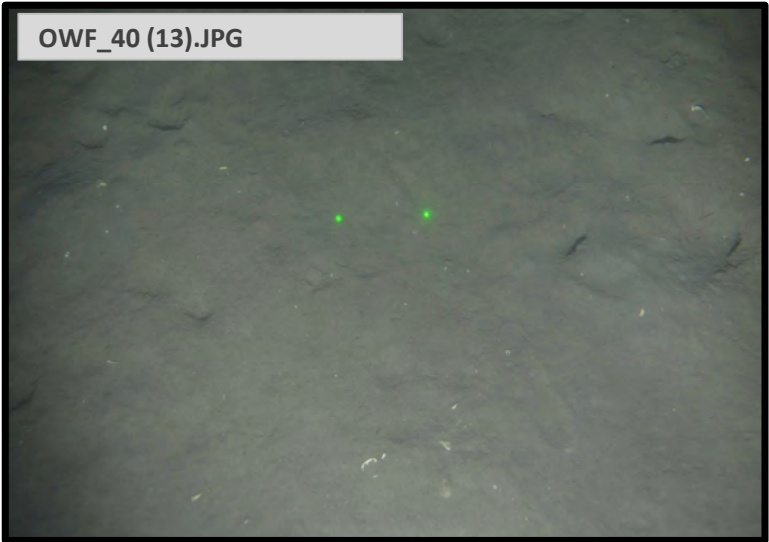


Photo Position: 404493 mE, 6326854 mN

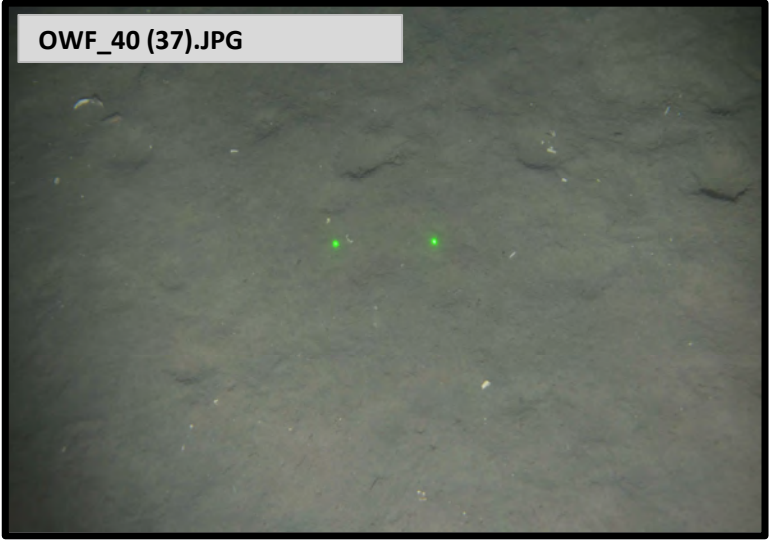


Photo Position: 404532 mE, 6326748 mN

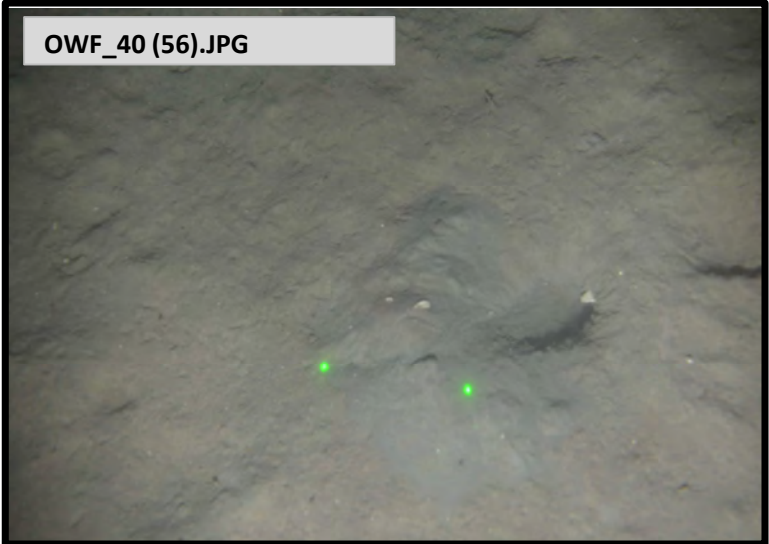


Photo Position: 404575 mE, 6326634 mN

Habitat Summary Information: OWF_040

Survey Area: Central North Sea

No. of Stills: 68

Mins of Video: 23:12

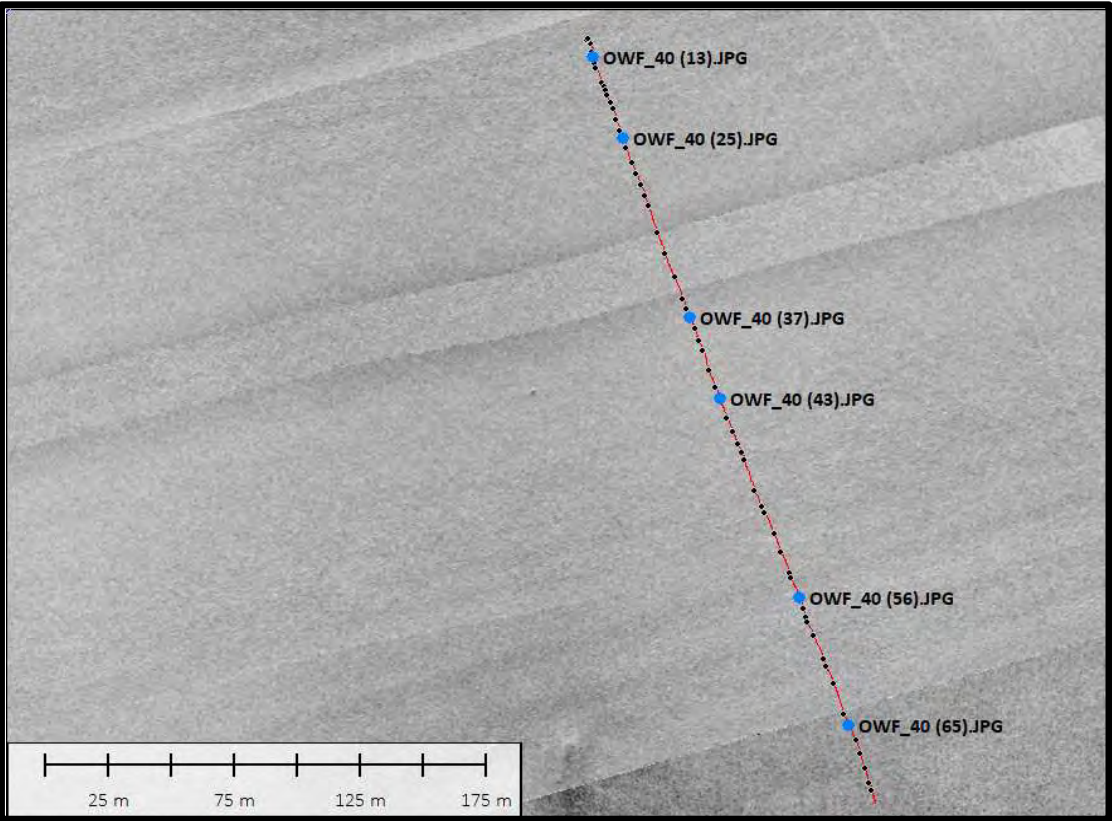
Track Length: 372.33m

Site Selection Criteria
To provide additional coverage in proximity to Culzean pipeline.

Analogue Interpretation
Flat homogeneous sediment, mottled reflectivity.

Sediment Description
Muddy sand with shell debris and occasional burrows.

Conspicuous Fauna
Cnidaria: *Pennatula phosphorea* , *Virgularia mirabilis* . **Annelida:** *Ditrupa arietina* . **Arthropoda:** *Nephrops norvegicus* , *Pagurus bernhardus* , *Caridea* sp, *Cancer maenus* . **Mollusca:** *Bivalvia* sp. **Chordata:** *Limanda limanda* , *Gadus morhua* , *Myxine glutinosa* , *Gadidae* sp.



Client

Contractor

● UW Image ● UW Featured Image ~ UW Video Track

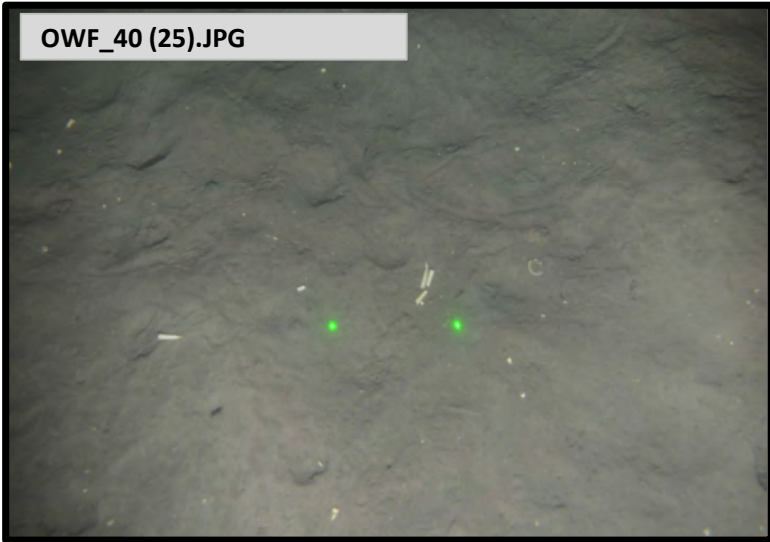


Photo Position: 404505 mE, 6326821 mN

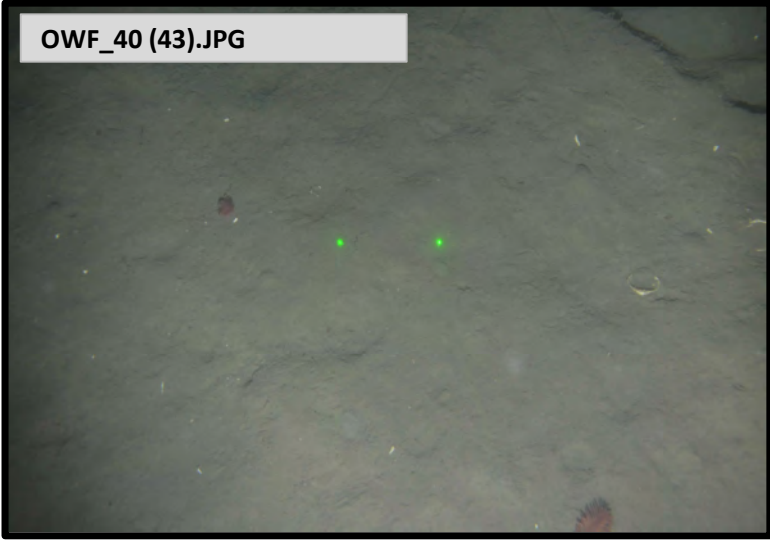


Photo Position: 404543 mE, 6326715 mN

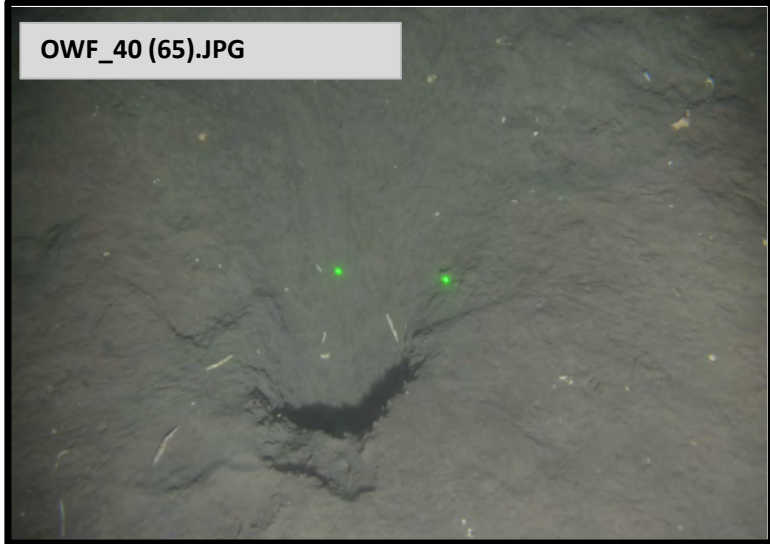


Photo Position: 404595 mE, 6326582 mN

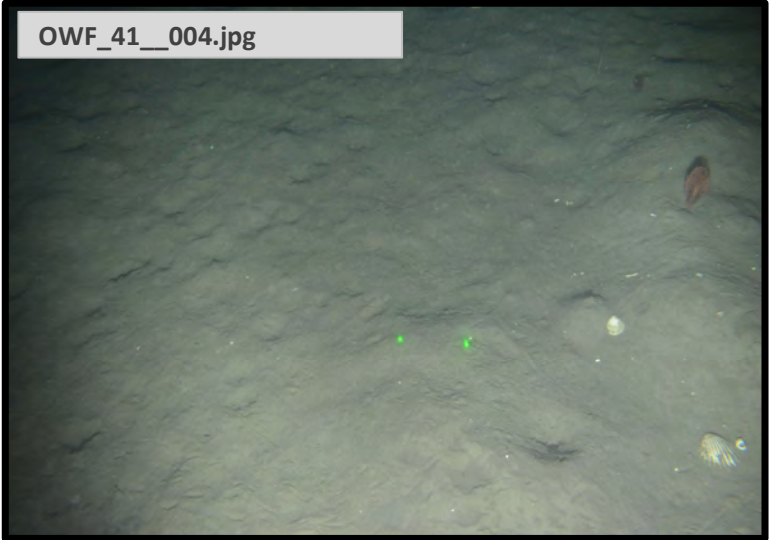


Photo Position: 408160 mE, 6327926 mN

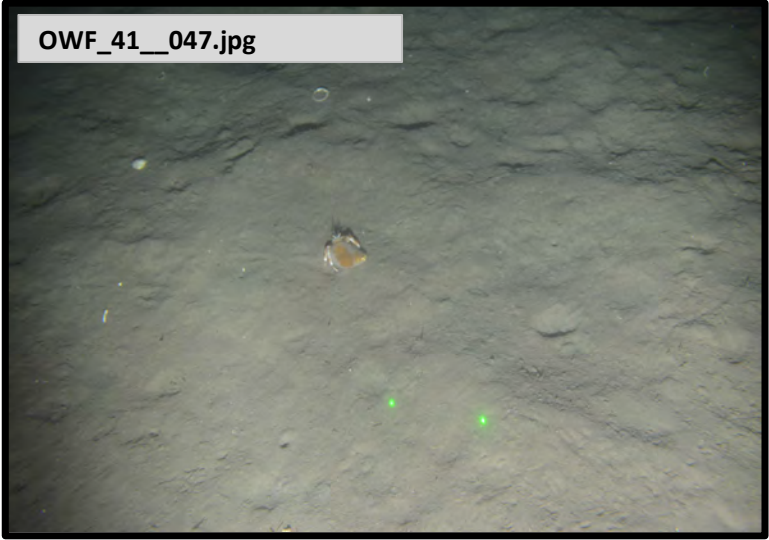


Photo Position: 408235 mE, 6327749 mN



Sediment Example Image

Habitat Summary Information: OWF_041

Survey Area: Central North Sea

No. of Stills: 69

Mins of Video: 36:36

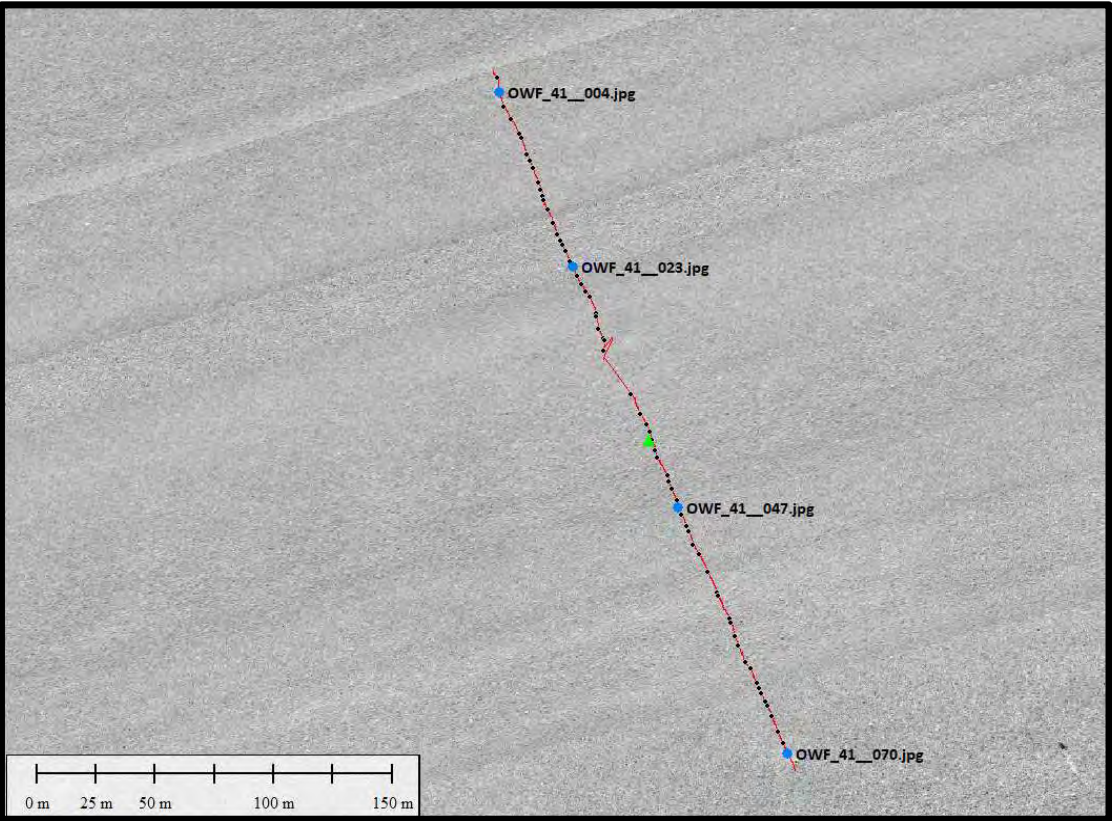
Track Length: 428.94m

Site Selection Criteria
Proximity to Oil Well (c. 500 m distance) - to identify potential effects of the oil well on seabed and water.

Analogue Interpretation
Flat homogeneous sediment, mottled reflectivity.

Sediment Description
Muddy sand with shell debris and occasional burrows.

Conspicuous Fauna
Cnidaria: *Funiculina quadrangularis*, *Pennatula phosphorea*, *Virgularia mirabilis*, Hydrozoa sp, Actiniaria sp. **Annelida:** *Ditrupa arietina*. **Arthropoda:** *Pagurus bernhardus*. **Mollusca:** *Aequipecten opercularis*, Bivalvia sp, Gastropoda sp. **Echinodermata:** Asteroiidae sp. **Chordata:** *Gadus morhua*, *Myxine glutinosa*.



Client

Contractor

▲ Grab Location ● UW Image ● UW Featured Image ~ UW Video Track

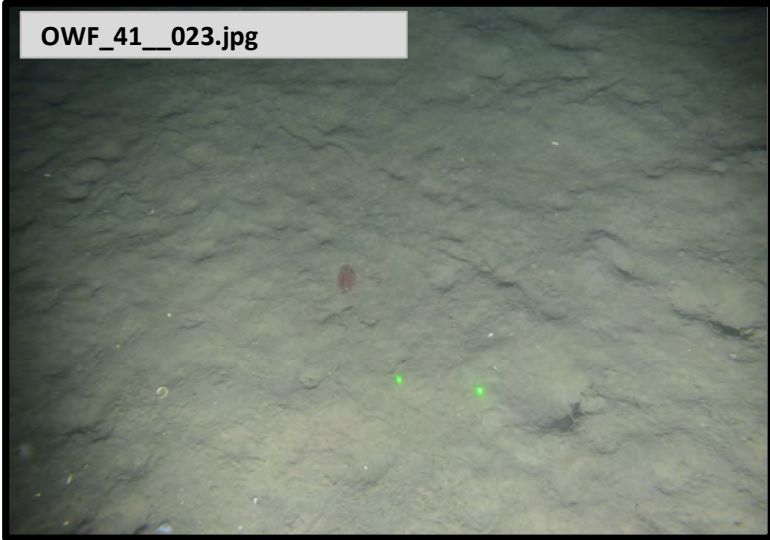


Photo Position: 408191 mE, 6327852 mN

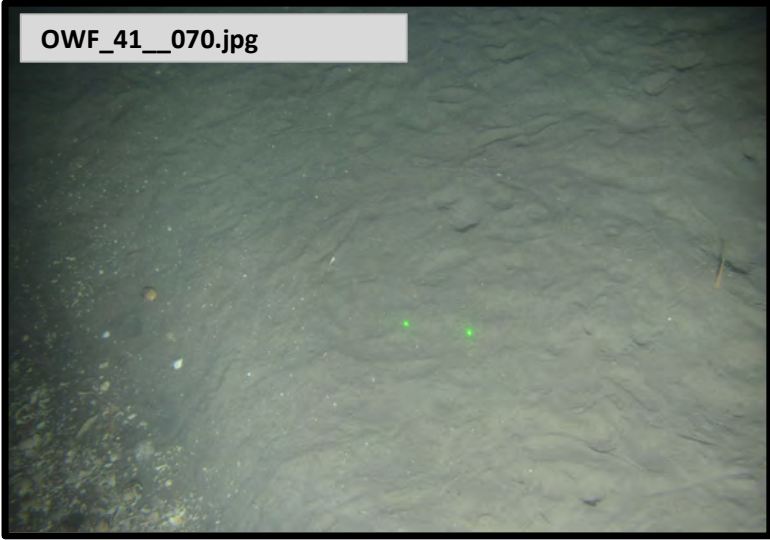


Photo Position: 408281 mE, 6327644 mN



Sieved Sample Image

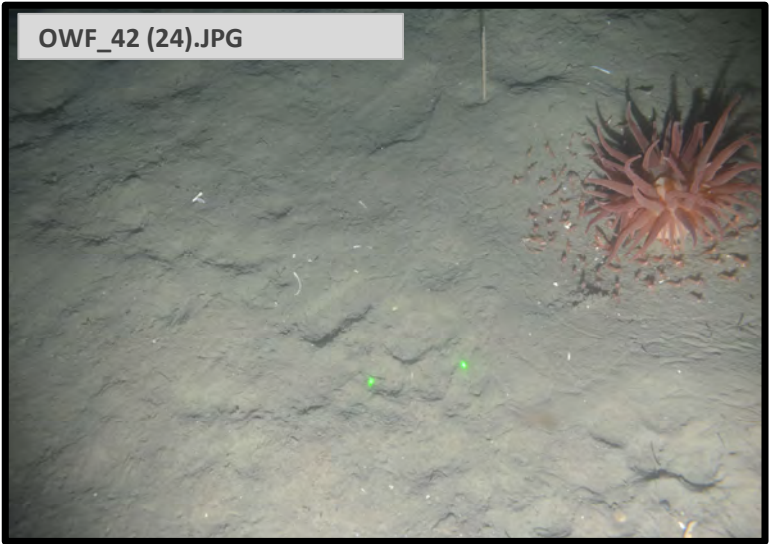


Photo Position: 413831 mE, 6324497 mN

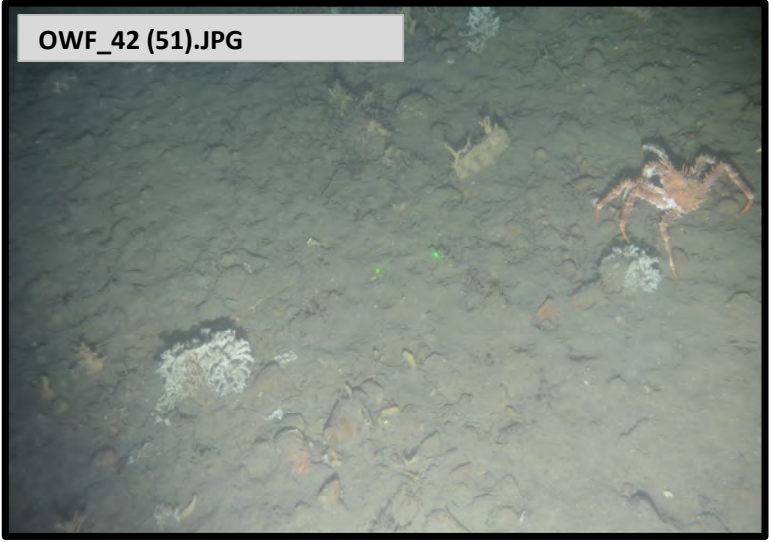
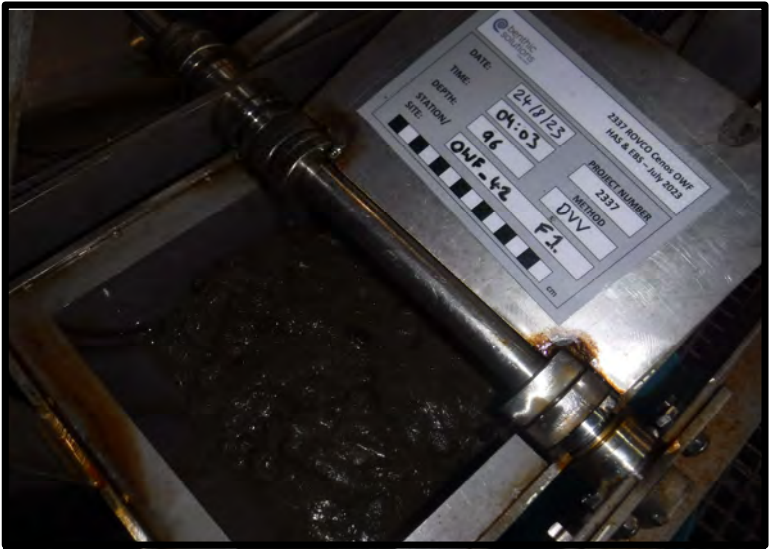


Photo Position: 413800 mE, 6324618 mN



Sediment Example Image

Habitat Summary Information: OWF_042

Survey Area: Central North Sea

No. of Stills: 6

Mins of Video: 39:15

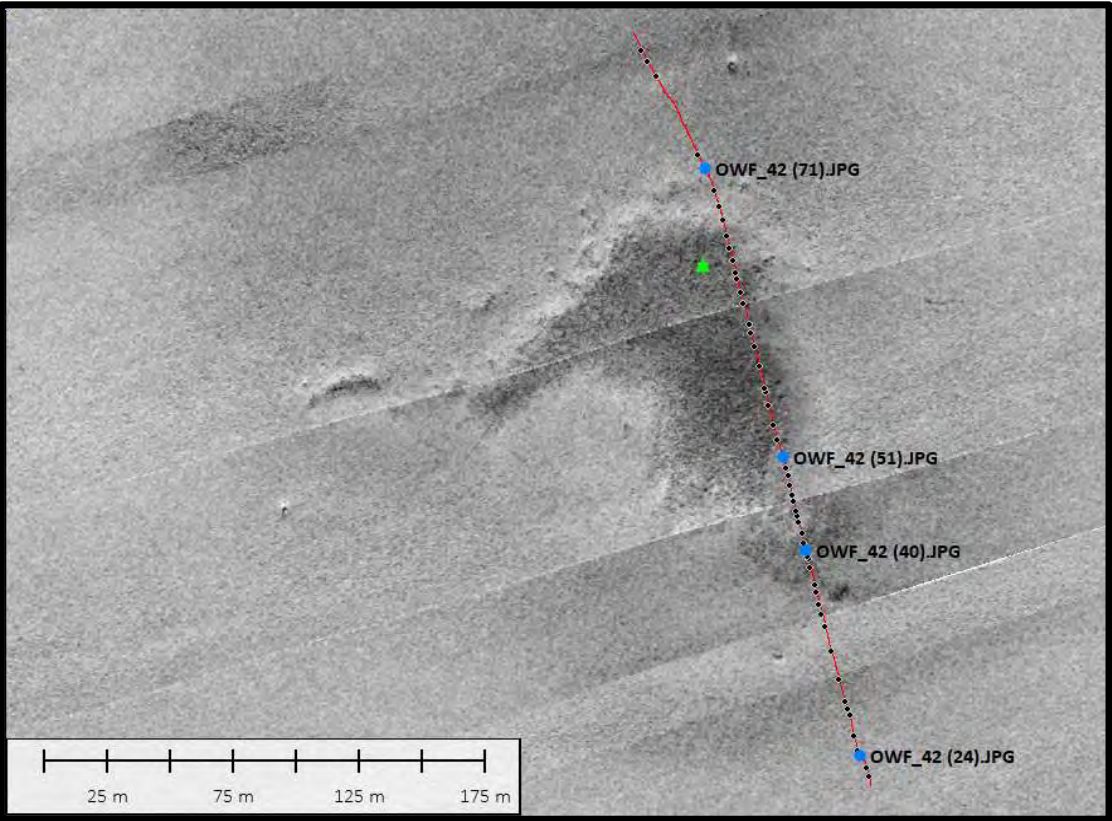
Track Length: 360.62m

Site Selection Criteria
To provide spatial coverage at southeast array area boundary and to cover a bathymetric elevation and round patch of higher reflectivity.

Analogue Interpretation
Flat homogeneous sediment, mottled reflectivity, patch of mixed coarse sediment with cobbles.

Sediment Description
Muddy sand with shell debris and occasional burrows. Areas of mixed sediment comprised of pebbles and cobbles overlaid muddy sand and aggregations of sponges.

Conspicuous Fauna
Porifera: *Axinella infundibuliformis* . **Cnidaria:** *Funiculina quadrangularis* , *Pennatula phosphorea* , *Virgularia mirabilis* , *Hydrozoa* sp, *Actiniaria* sp. **Annelida:** *Ditrupa arietina* . **Arthropoda:** *Munida rugosa* , *Pagurus bernhardus* , *Majidae* sp, *Caridea* sp, *Cancer maenus* . **Mollusca:** *Aequipecten opercularis* , *Buccinum undatum* , *Janolus cristatus* , *Bivalvia* sp. **Chordata:** *Gadus morhua* , *Myxine glutinosa* . **Bryozoa:** *Cyclostomatida* sp. **Chordata:** *Gadidae* sp. **Cnidaria:** *Hydrozoa* sp.



Client

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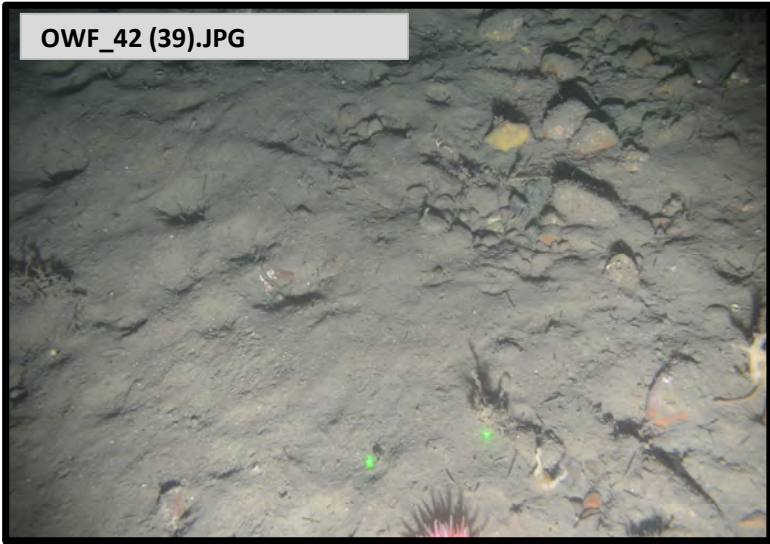


Photo Position: 413810 mE, 6324578 mN

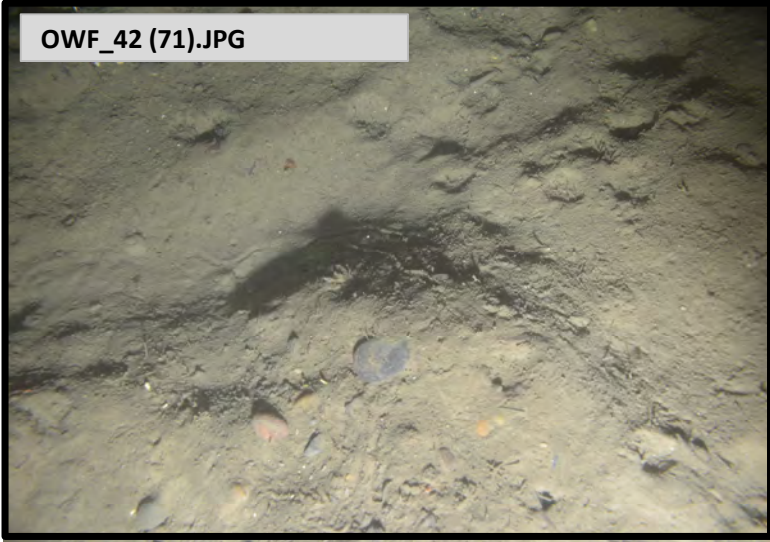


Photo Position: 413769 mE, 6324736 mN



Sieved Sample Image

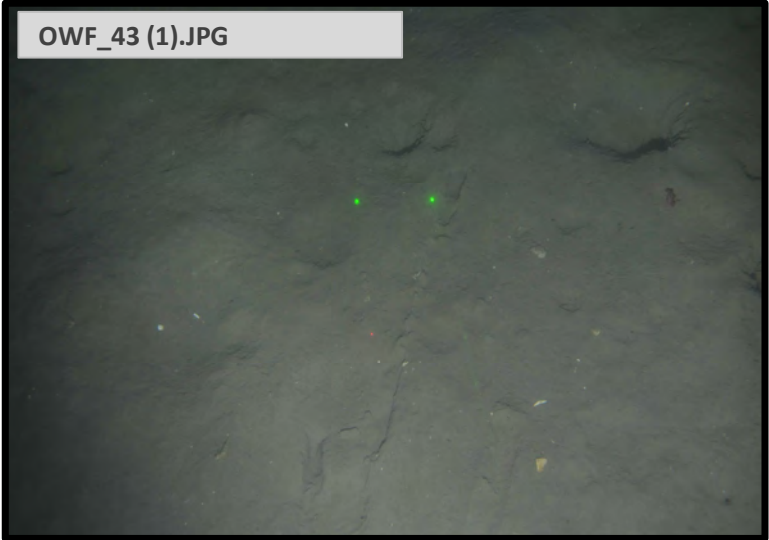


Photo Position: 396734 mE, 6324963 mN

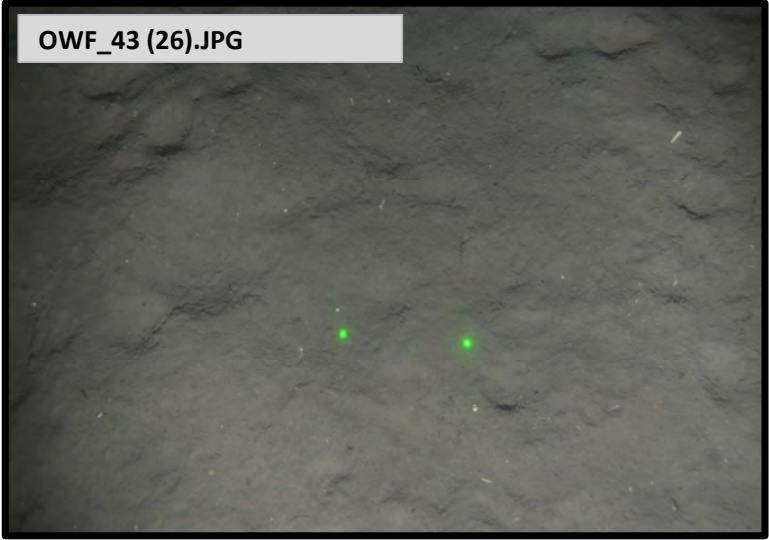


Photo Position: 396558 mE, 6324865 mN



Sediment Example Image

Habitat Summary Information: OWF_043

Survey Area: Central North Sea

No. of Stills: 59

Mins of Video: 21:29

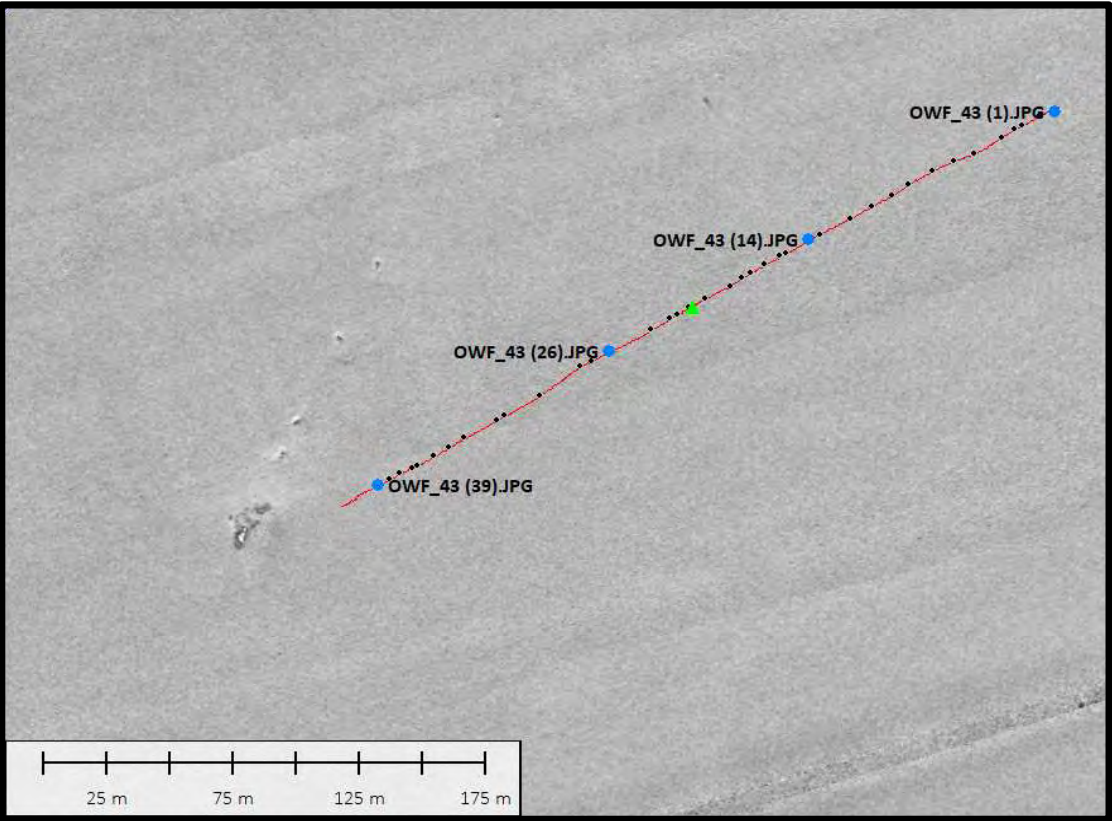
Track Length: 358.59m

Site Selection Criteria
Sampled in predicted 'deep circalittoral mud' habitat type so all known habitat types are represented.

Analogue Interpretation
Flat homogeneous sediment, mottled reflectivity.

Sediment Description
Muddy sand with shell debris and occasional burrows.

Conspicuous Fauna
Cnidaria: *Funiculina quadrangularis*, *Pennatula phosphorea*, *Actiniaria* sp. **Annelida:** *Ditrupa arietina*. **Arthropoda:** *Pagurus bernhardus*, *Cancer maenus*. **Mollusca:** *Aequipecten opercularis*, *Buccinum undatum*. **Chordata:** *Limanda limanda*, *Myxine glutinosa*, *Gadidae* sp.



Client
FLOTATION ENERGY
cenos

Contractor
ROVCO
OCEAN INSIGHT
benthic solutions limited

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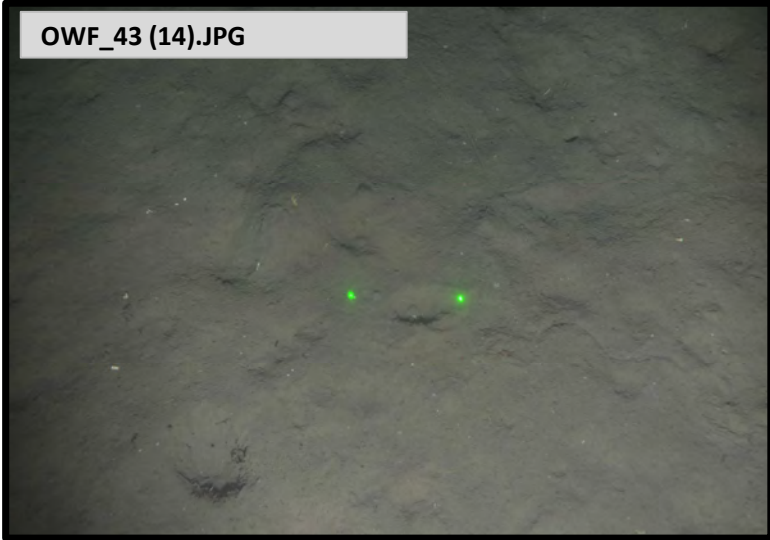


Photo Position: 396637 mE, 6324910 mN

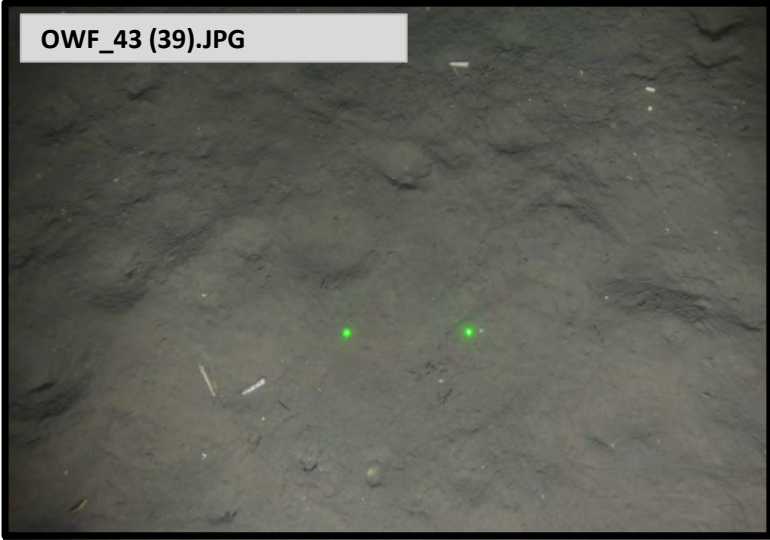


Photo Position: 396467 mE, 6324811 mN



Sieved Sample Image

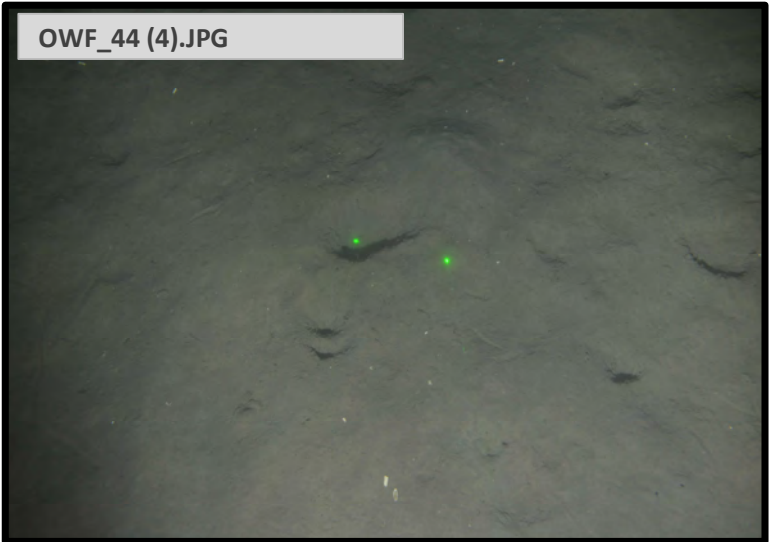


Photo Position: 401453 mE, 6325809 mN

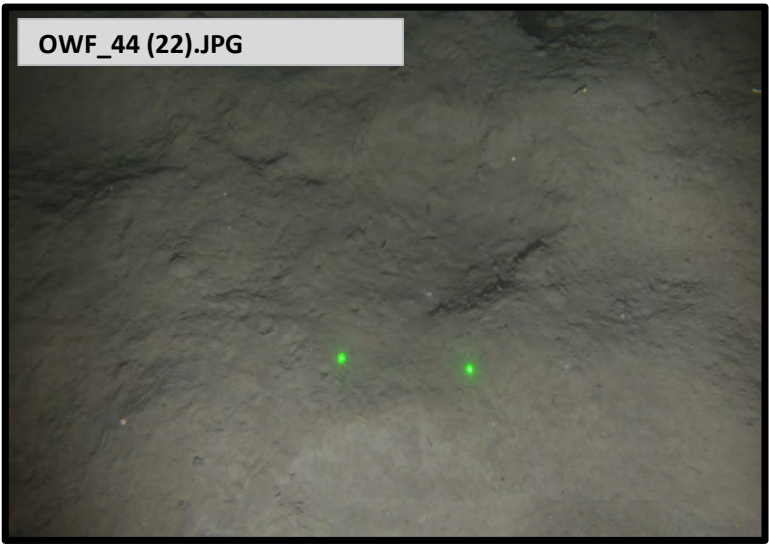


Photo Position: 401603 mE, 6325835 mN

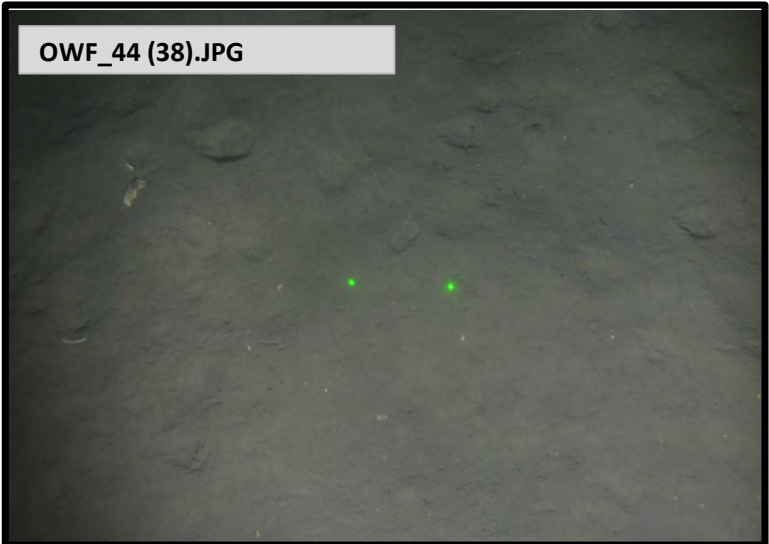


Photo Position: 401722 mE, 6325854 mN

Habitat Summary Information: OWF_044

Survey Area: Central North Sea

No. of Stills: 44

Mins of Video: 23:06

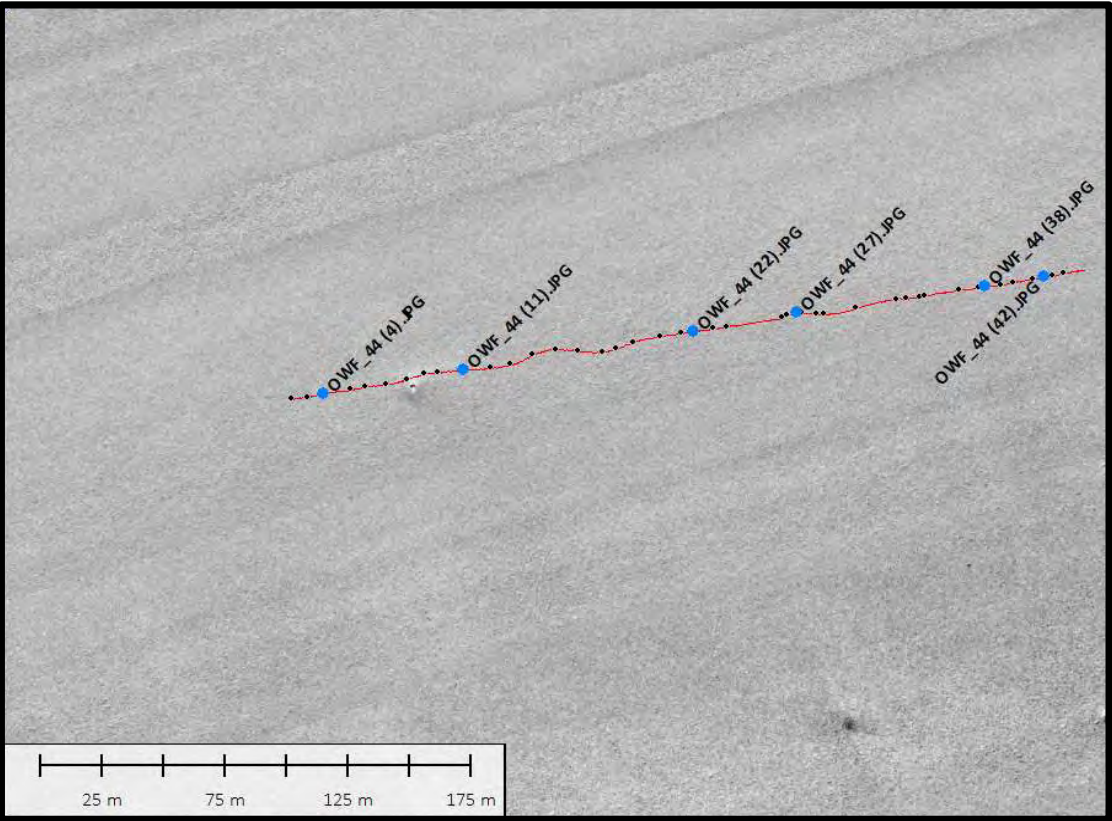
Track Length: 368.61m

Site Selection Criteria
Positioned in area of previous JNCC grab sampling.

Analogue Interpretation
Flat homogeneous sediment, mottled reflectivity.

Sediment Description
Muddy sand with shell debris and occasional burrows.

Conspicuous Fauna
Cnidaria: *Pennatula phosphorea*, *Virgularia mirabilis*, *Actiniaria* sp. **Arthropoda:** *Nephrops norvegicus*, *Caridea* sp, *Cirripedia* sp, *Cancer maenus*. **Mollusca:** *Aequipecten opercularis*. **Chordata:** *Limanda limanda*, *Gadus morhua*, *Myxine glutinosa*, *Gadidae* sp.



Client

Contractor

● UW Image ● UW Featured Image — UW Video Track

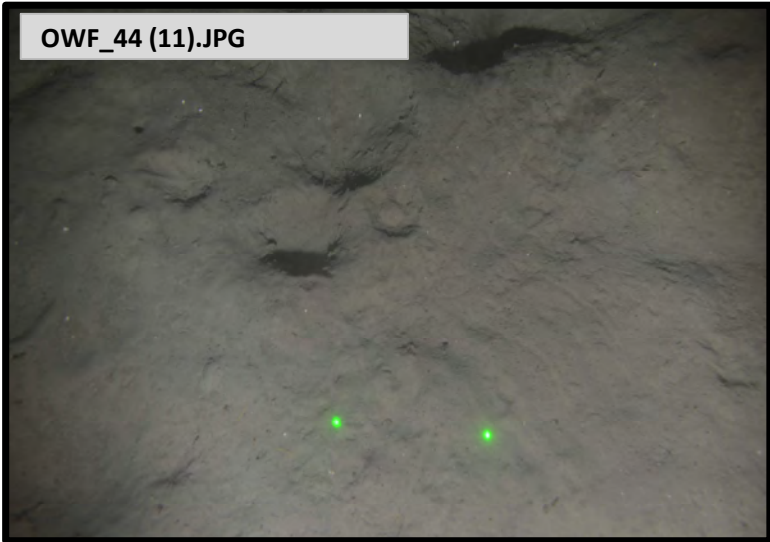


Photo Position: 401509 mE, 6325819 mN



Photo Position: 401645 mE, 6325843 mN

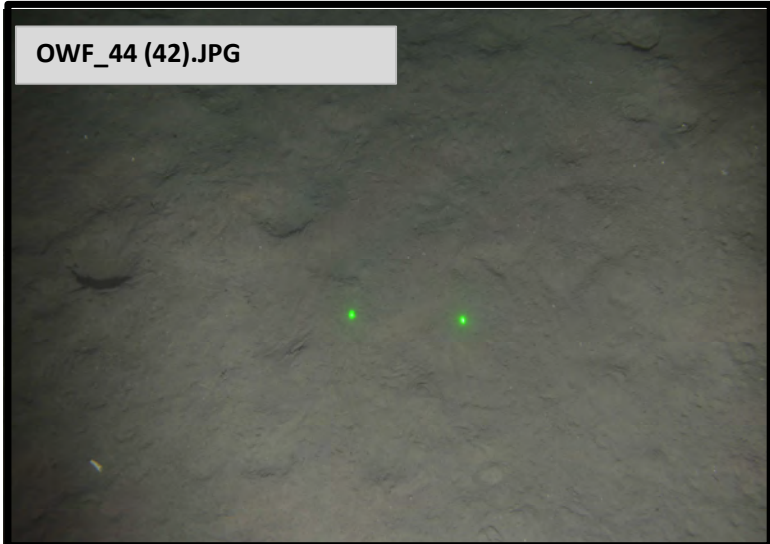


Photo Position: 401745 mE, 6325858 mN

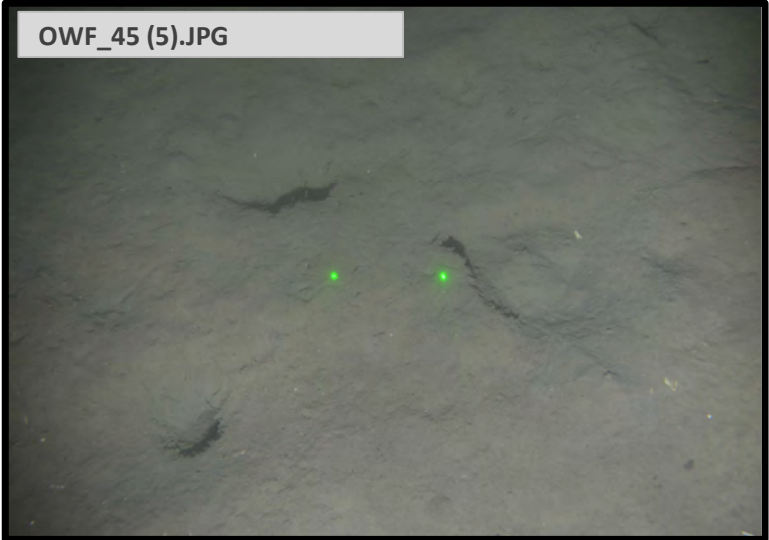


Photo Position: 404956 mE, 6325344 mN

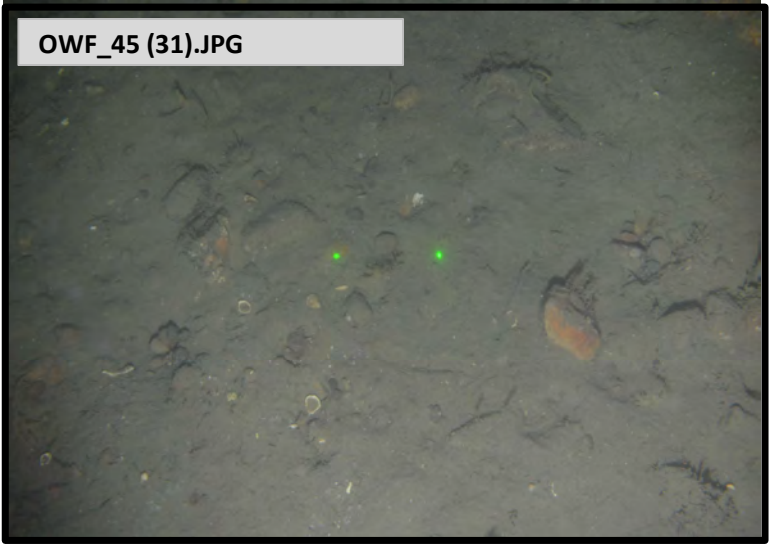


Photo Position: 405139 mE, 6325386 mN



Sediment Example Image

Habitat Summary Information: OWF_045

Survey Area: Central North Sea

No. of Stills: 47

Mins of Video: 23:25

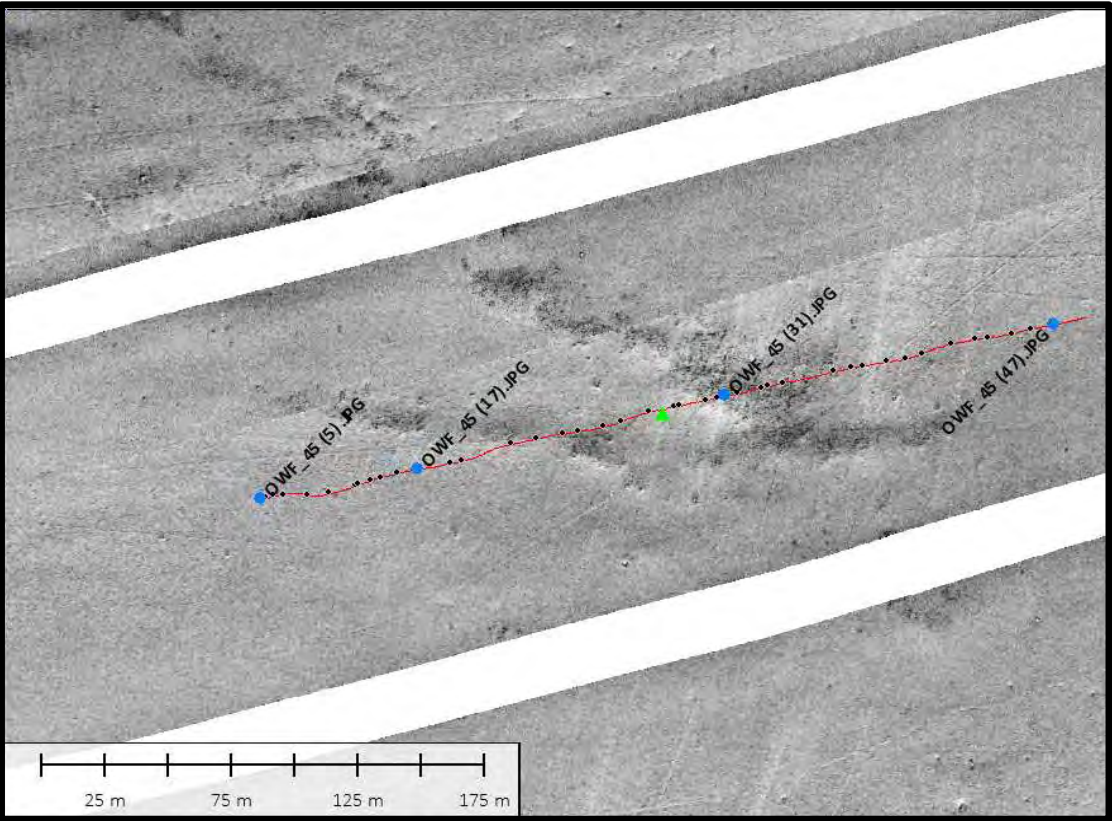
Track Length: 361.43m

Site Selection Criteria
Collect data (full suite) in proximity of Culzean pipelines and assess any changes in benthic characteristics due to infrastructure and to cover a suspected area of coarse sediment.

Analogue Interpretation
Flat homogeneous sediment, mottled reflectivity, with area of mixed coarse sediment and cobbles.

Sediment Description
Muddy sand with shell debris and occasional burrows. Areas of mixed sediment with pebbles, cobbles and shell debris in muddy sand. An area of anthropogenic habitat of plastic pipe or cable.

Conspicuous Fauna
Porifera: *Axinella infundibuliformis*. **Cnidaria:** *Funiculina quadrangularis*, *Pennatula phosphorea*, *Virgularia mirabilis*, *Hydrozoa* sp, *Actiniaria* sp. **Annelida:** *Hyalinoecia tubicola*, *Ditrupa arietina*. **Arthropoda:** *Nephrops norvegicus*, *Pagurus bernhardus*, *Caridea* sp. **Mollusca:** *Aequipecten opercularis*, *Antalis entalis*, *Bivalvia* sp, *Gastropoda* sp. **Chordata:** *Limanda limanda*, *Gadus morhua*, *Myxine glutinosa*, *Gadidae* sp. **Cnidaria:** *Hydrozoa* sp.



Client

Contractor

▲ Grab Location ● UW Image ● UW Featured Image ~ UW Video Track

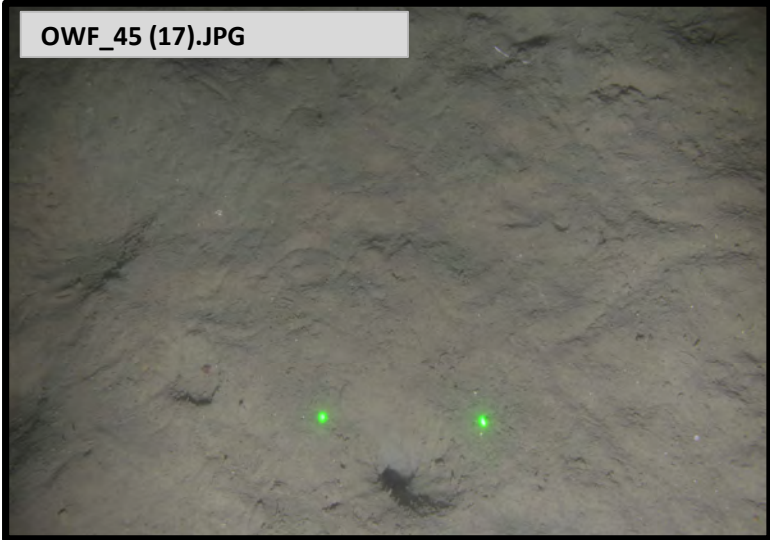


Photo Position: 405018 mE, 6325356 mN

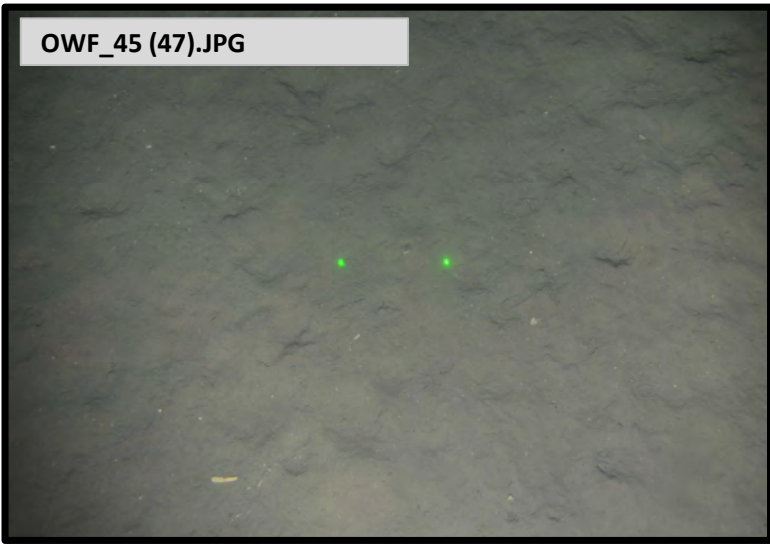


Photo Position: 405269 mE, 6325415 mN



Sieved Sample Image

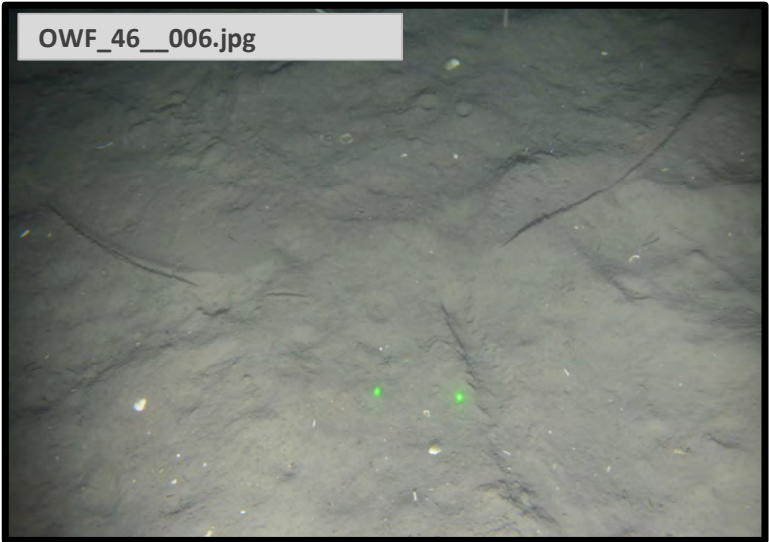


Photo Position: 408774 mE, 6324977 mN

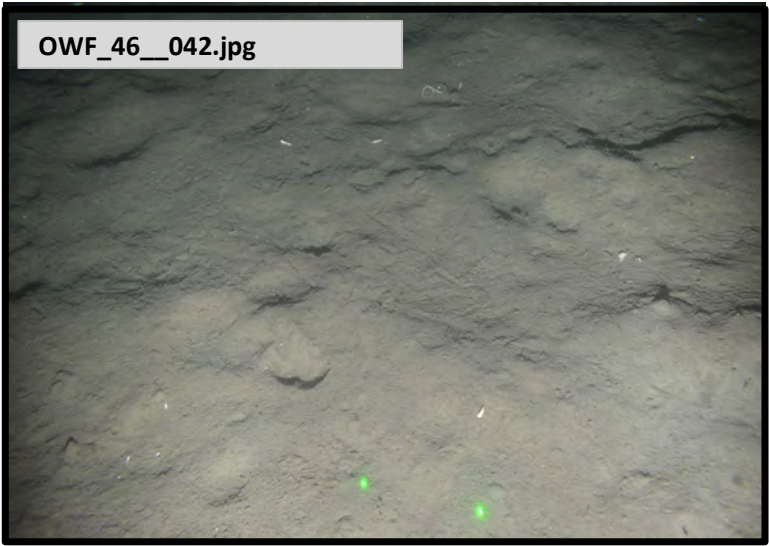


Photo Position: 408784 mE, 6324773 mN



Sediment Example Image

Habitat Summary Information: OWF_046

Survey Area: Central North Sea

No. of Stills: 56

Mins of Video: 29:04

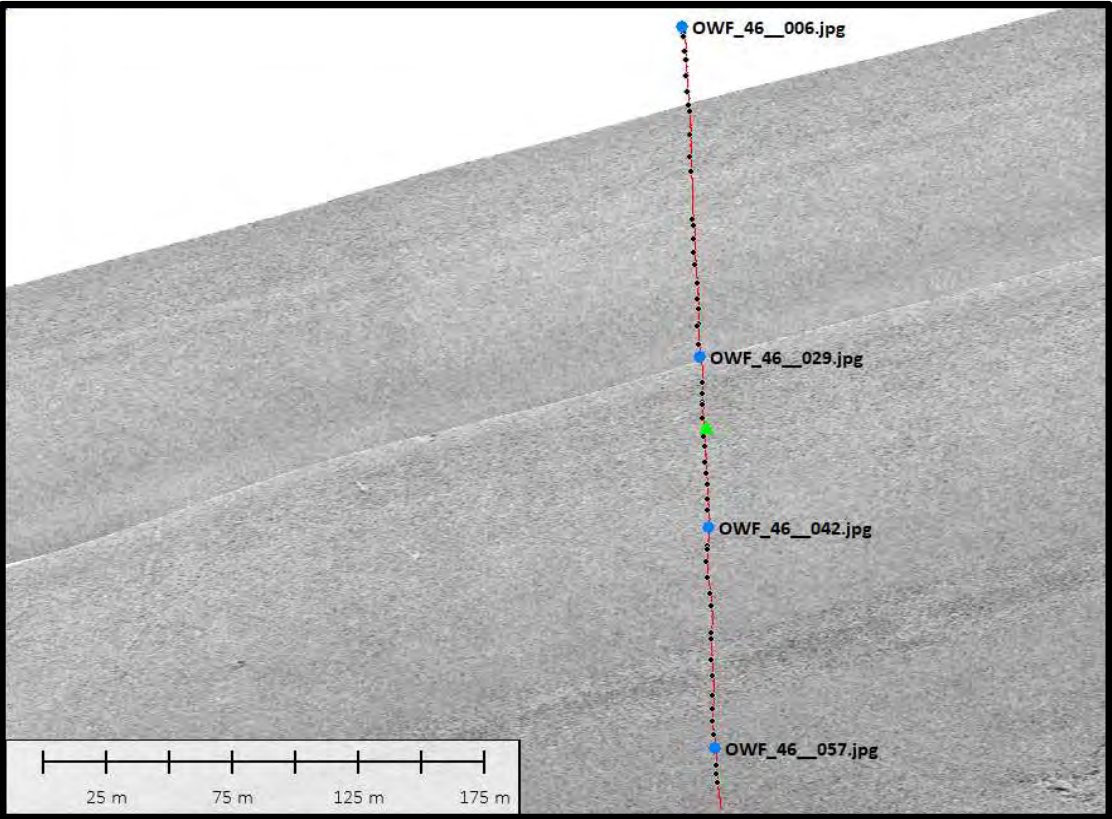
Track Length: 354.66m

Site Selection Criteria
To provide spatial coverage. Historic JNCC grab/DDV sampling site.

Analogue Interpretation
Flat homogeneous sediment, mottled reflectivity.

Sediment Description
Muddy sand with shell debris and occasional burrows.

Conspicuous Fauna
Cnidaria: *Funiculina quadrangularis*, *Pennatula phosphorea*, *Virgularia mirabilis*, *Actiniaria* sp. **Arthropoda:** *Pagurus bernhardus*, *Majidae* sp, *Caridea* sp, *Cancer maenus*. **Mollusca:** *Aequipecten opercularis*, *Buccinum undatum*, *Antalis entalis*, *Bivalvia* sp. **Chordata:** *Limanda limanda*, *Myxine glutinosa*, *Gadidae* sp.



Client

Contractor

▲ Grab Location ● UW Image ● UW Featured Image ~ UW Video Track

Geodetic Information: Datum: WGS84 Projection: UTM Zone: 31 North Central Meridian: 3° East

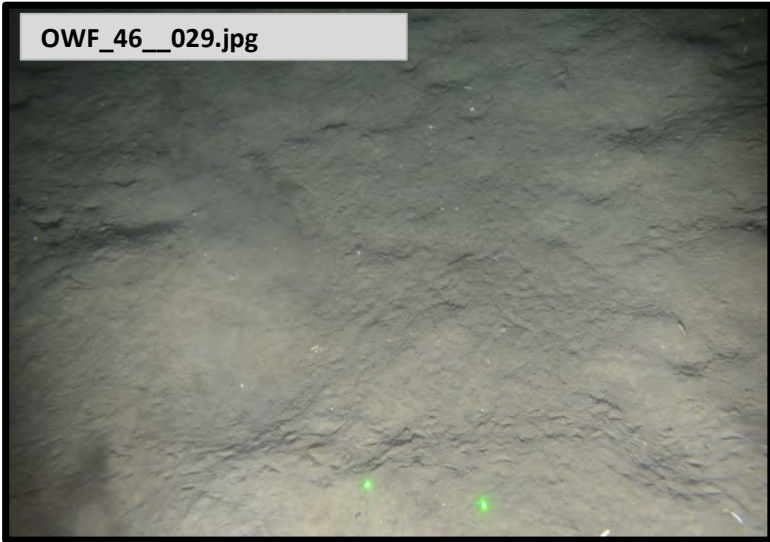


Photo Position: 408780 mE, 6324842 mN

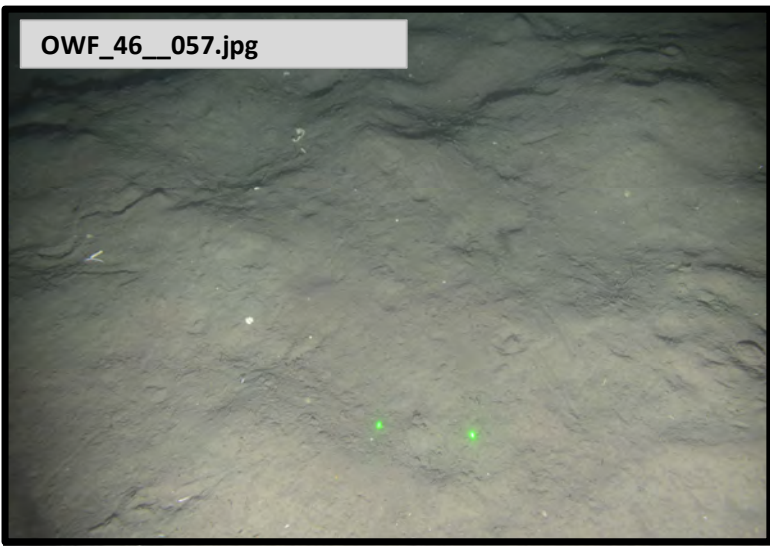


Photo Position: 408787 mE, 6324683 mN



Sieved Sample Image

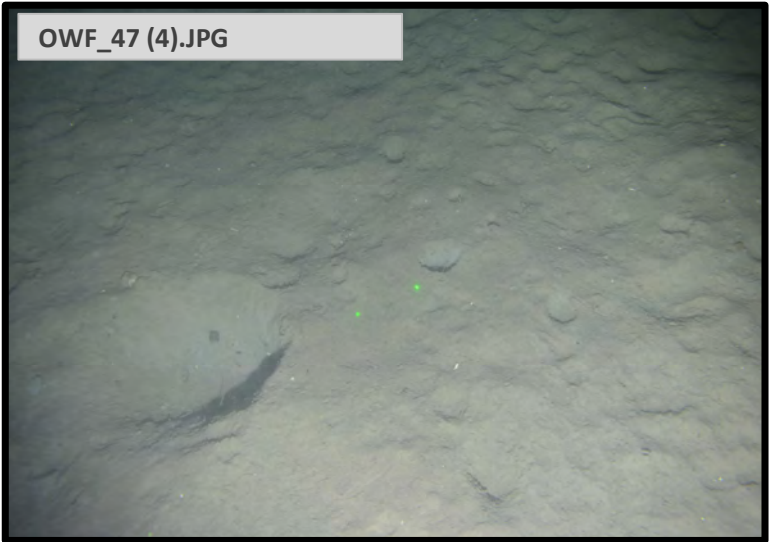


Photo Position: 412197 mE, 6325391 mN

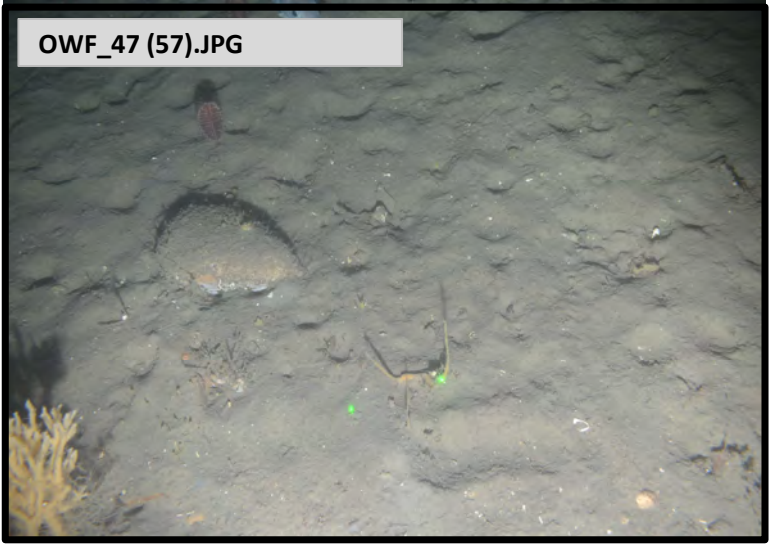


Photo Position: 412287 mE, 6325493 mN



Photo Position: 412390 mE, 6325611 mN

Habitat Summary Information: OWF_047

Survey Area: Central North Sea

No. of Stills: 132 Mins of Video: 48:47 Track Length: 430.59m

Site Selection Criteria

To provide spatial coverage. Historic JNCC grab/DDV sampling site.

Analogue Interpretation

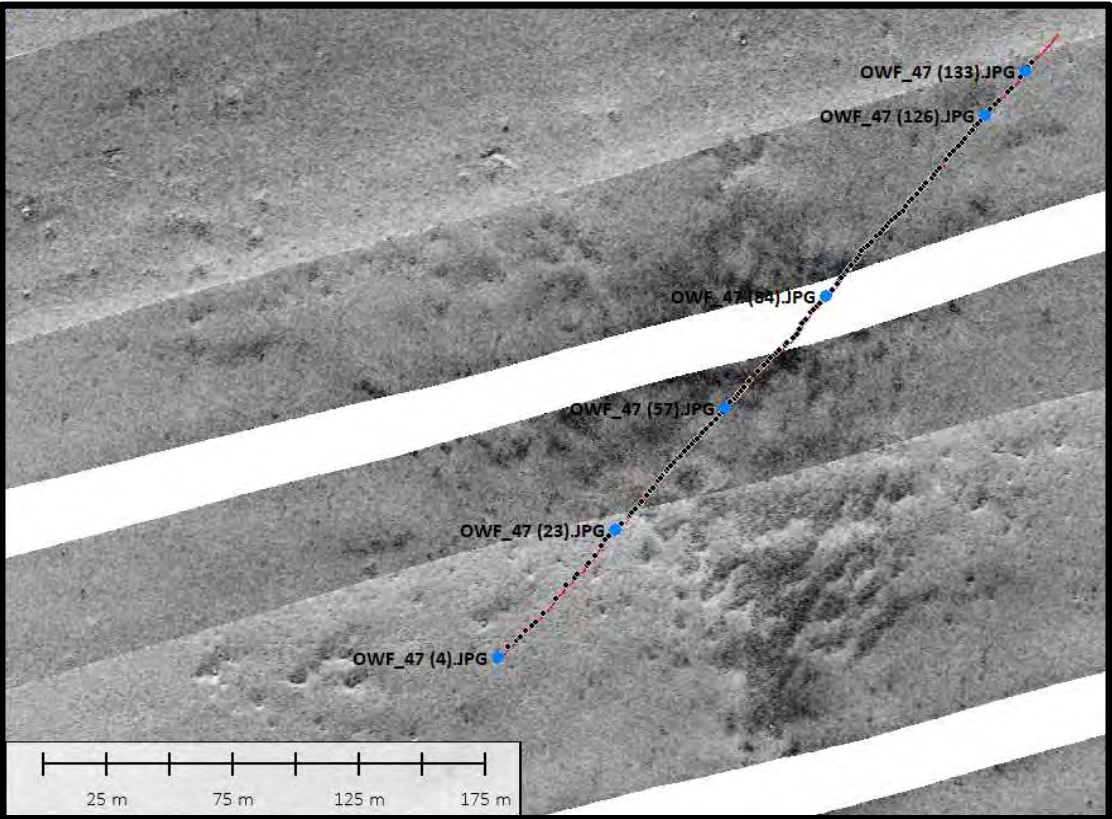
Flat homogeneous sediment, mottled reflectivity, with area of mixed coarse sediment and cobbles.

Sediment Description

Muddy sand with shell debris and occasional burrows. Areas of mixed sediment of pebbles, cobbles, and shell debris over laid by muddy sand.

Conspicuous Fauna

Porifera: *Axinella infundibuliformis* . **Cnidaria:** *Cerianthus lloydii* , *Funiculina quadrangularis* , *Pennatula phosphorea* , *Virgularia mirabilis* . **Annelida:** *Aphrodita aculeata* , *Hyalinoecia tubicola* , *Ditrupea arietina* . **Arthropoda:** *Munida rugosa* , *Nephrops norvegicus* , *Majidae* sp, *Caridea* sp, *Cirripedia* sp, *Cancer maenus* . **Mollusca:** *Aequipecten opercularis* , *Buccinum undatum* , *Bivalvia* sp, *Gastropoda* sp. **Echinodermata:** *Echinus esculentus* , *Asteriidae* sp. **Chordata:** *Amblyraja radiata* , *Myxine glutinosa* , *Torpedo marmorata* . **Rhodophyta:** *Corallina* sp. **Bryozoa:** *Cyclostomatida* sp. **Mollusca:** *Octopoda* sp, *Naticoidea* sp.



Client

Contractor

● UW Image ● UW Featured Image ~ UW Video Track

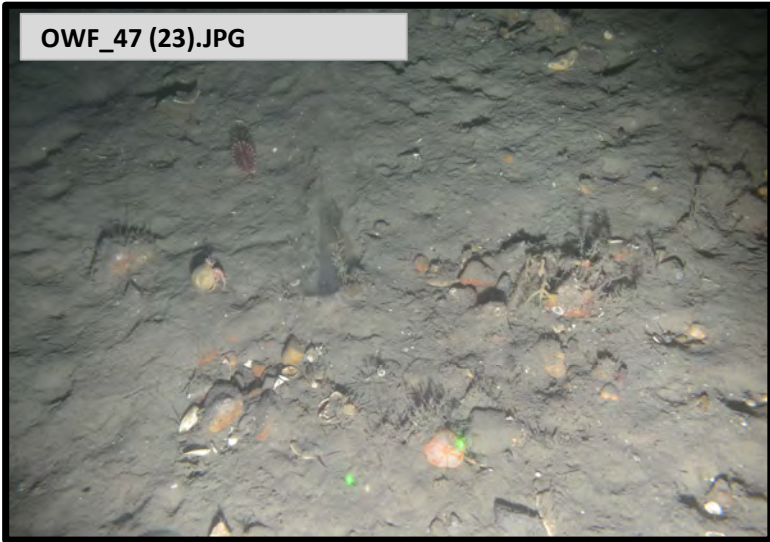


Photo Position: 412243 mE, 6325443 mN

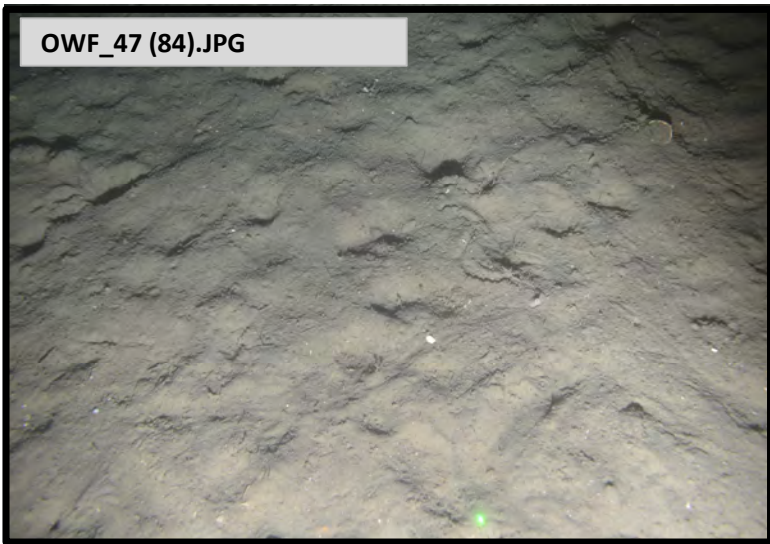


Photo Position: 412327 mE, 6325538 mN

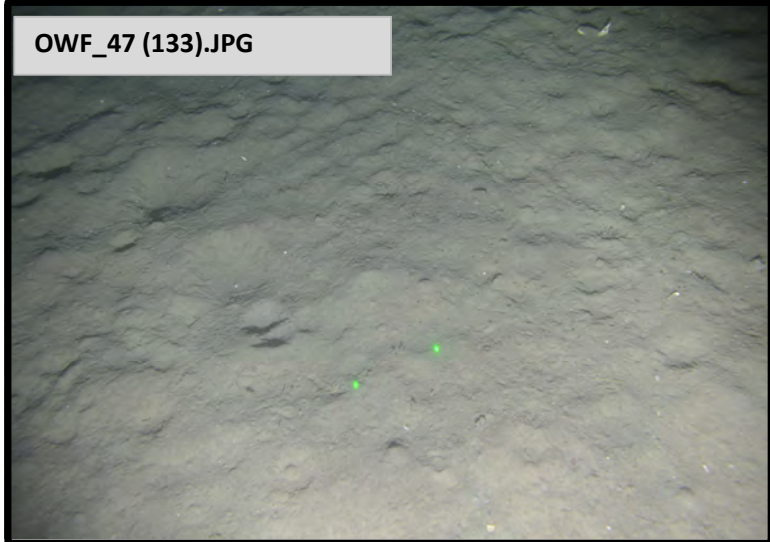


Photo Position: 412406 mE, 6325629 mN

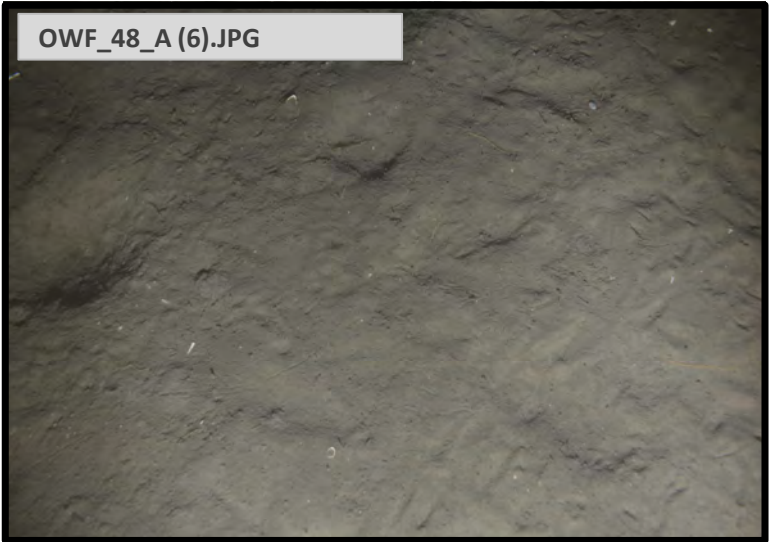


Photo Position: 399347 mE, 6323588 mN

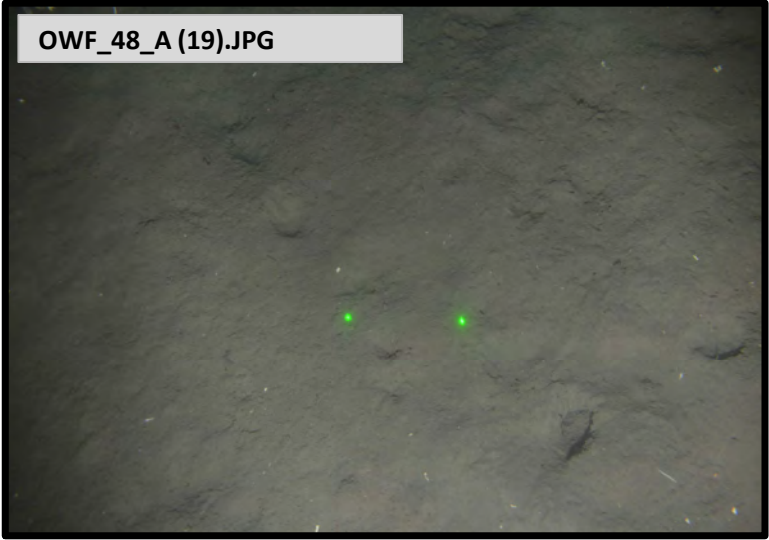


Photo Position: 399444 mE, 6323630 mN



Photo Position: 399566 mE, 6323683 mN

Habitat Summary Information: OWF_048_A

Survey Area: Central North Sea

No. of Stills: 42

Mins of Video: 25:18

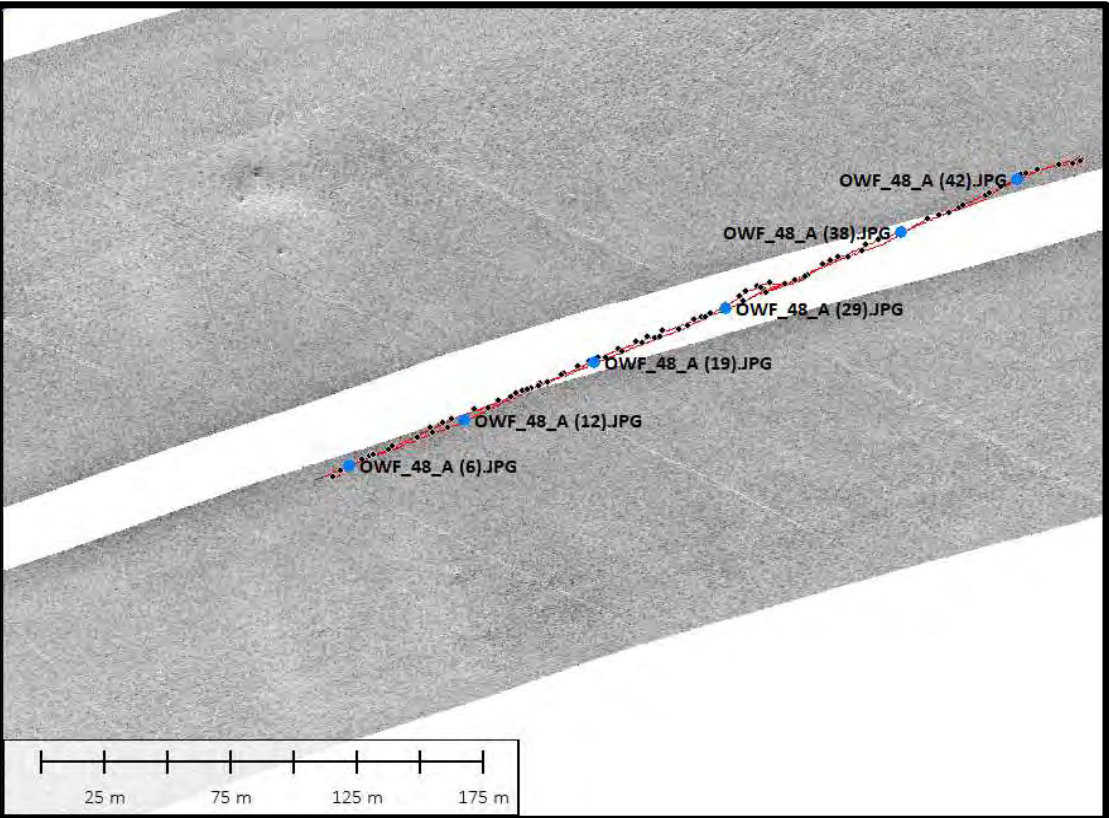
Track Length: 416.1m

Site Selection Criteria
Positioned in area of previously recorded mud habitats (JNCC, 2015). To provide additional coverage in proximity to Culzean pipeline.

Analogue Interpretation
Flat homogeneous sediment, mottled reflectivity.

Sediment Description
Muddy sand with shell debris and occasional burrows.

Conspicuous Fauna
Cnidaria: *Pennatula phosphorea*, *Virgularia mirabilis*, *Actiniaria* sp. **Annelida:** *Hyalinoecia tubicola*. **Arthropoda:** *Nephrops norvegicus*, *Pagurus bernhardus*, *Cancer maenus*. **Mollusca:** *Aequipecten opercularis*, *Buccinum undatum*, *Antalis entalis*. **Echinodermata:** *Asteriidae* sp. **Chordata:** *Limanda limanda*, *Gadus morhua*, *Myxine glutinosa*, *Gadidae* sp.



Client

Contractor

● UW Image ● UW Featured Image ~ UW Video Track

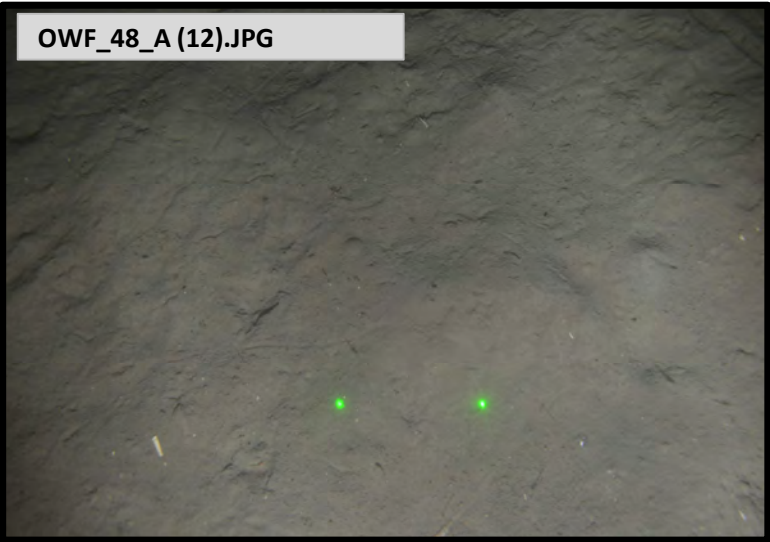


Photo Position: 399392 mE, 6323607 mN

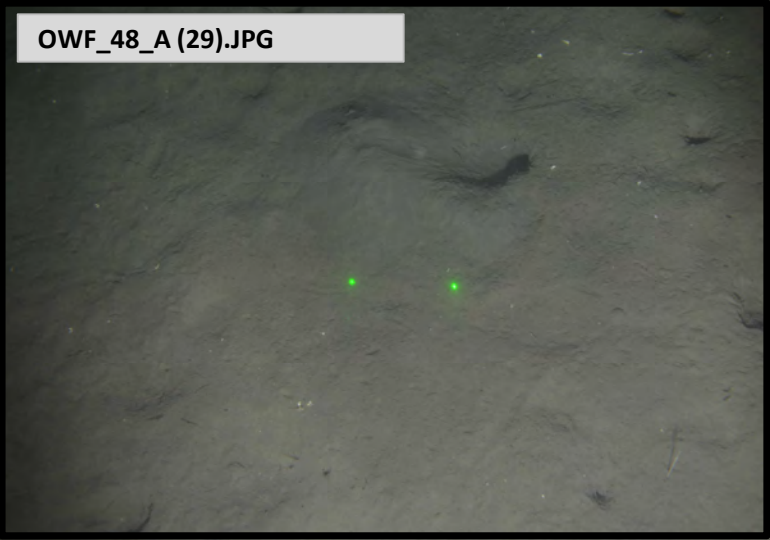


Photo Position: 399496 mE, 6323652 mN

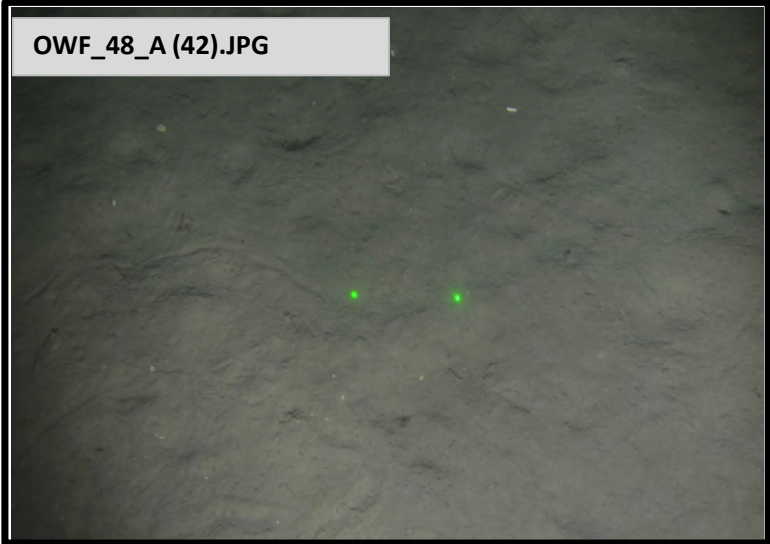


Photo Position: 399611 mE, 6323705 mN

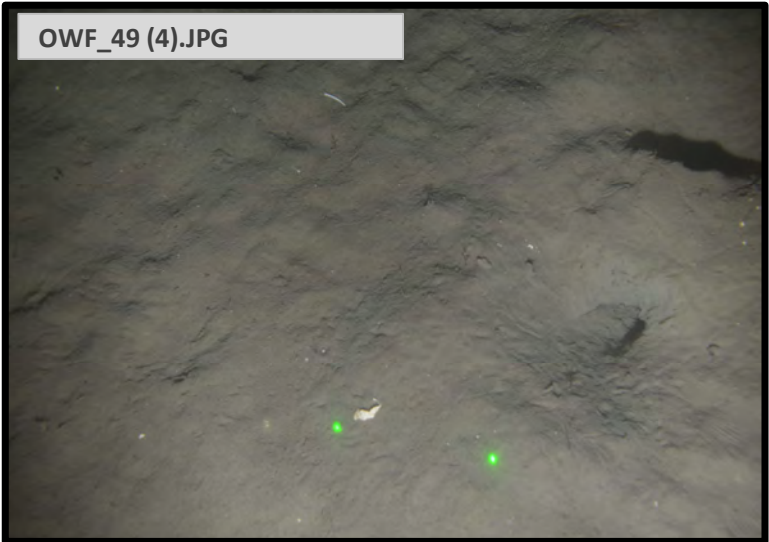


Photo Position: 397934 mE, 6323215 mN

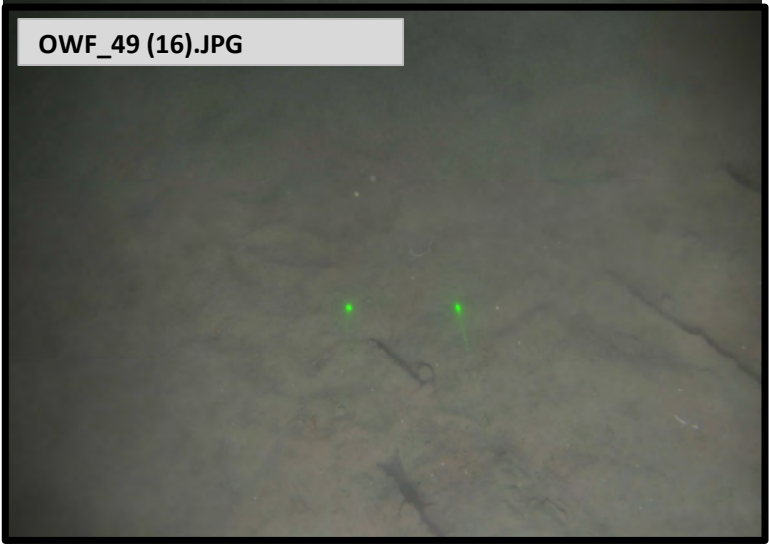


Photo Position: 397798 mE, 6323149 mN



Sediment Example Image

Habitat Summary Information: OWF_049

Survey Area: Central North Sea

No. of Stills: 32 Mins of Video: 23:28 Track Length: 407.92m

Site Selection Criteria

Sampled in deep circalittoral mud (A5.37) so all known habitat types are represented. Historic JNCC grab/DDV sampling site. Recorded presence of mud habitats (JNCC, 2015).

Sediment Description

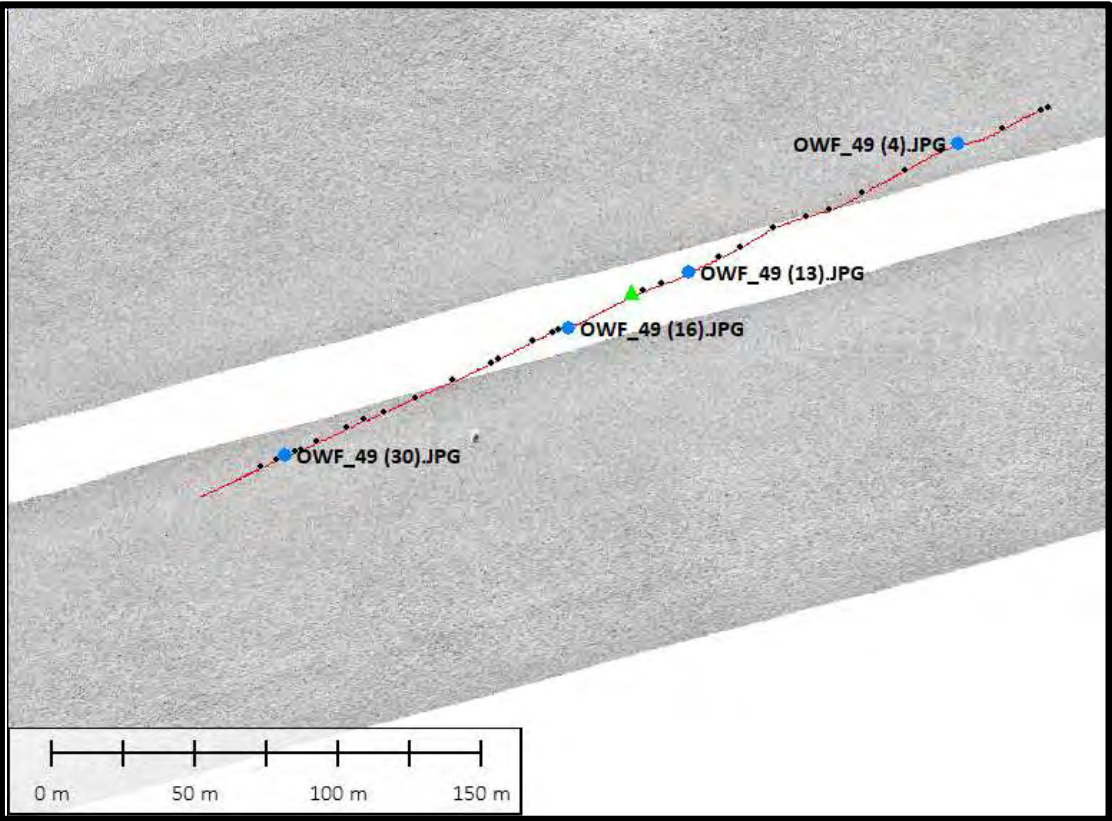
Muddy sand with shell debris and occasional burrows.

Conspicuous Fauna

Cnidaria: *Funiculina quadrangularis*, *Pennatula phosphorea*. **Annelida:** *Aphrodita aculeata*. **Arthropoda:** *Pagurus bernhardus*, *Cancer maenus*. **Mollusca:** *Janolus cristatus*, *Antalis entalis*, *Bivalvia* sp, *Gastropoda* sp. **Echinodermata:** *Asteriidae* sp. **Chordata:** *Limanda limanda*, *Gadus morhua*, *Myxine glutinosa*, *Gadidae* sp.

Analogue Interpretation

Flat homogeneous sediment, mottled reflectivity.



Client

Contractor

▲ Grab Location ● UW Image ● UW Featured Image ~ UW Video Track

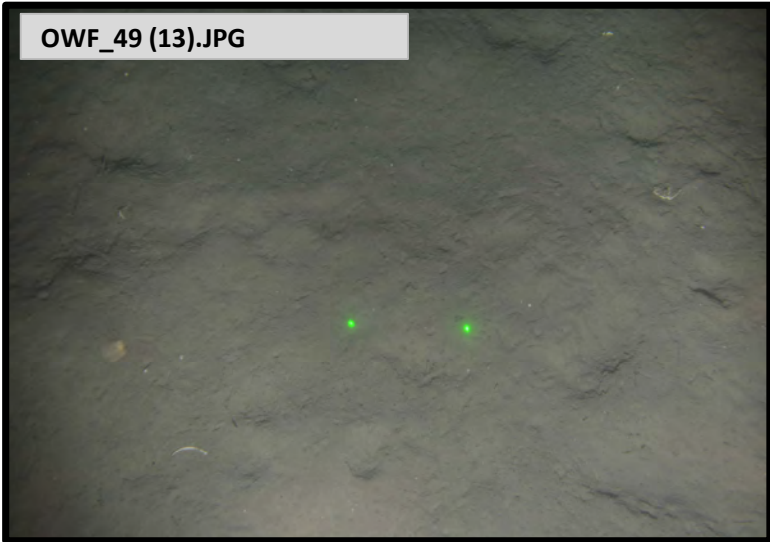


Photo Position: 397840 mE, 6323169 mN

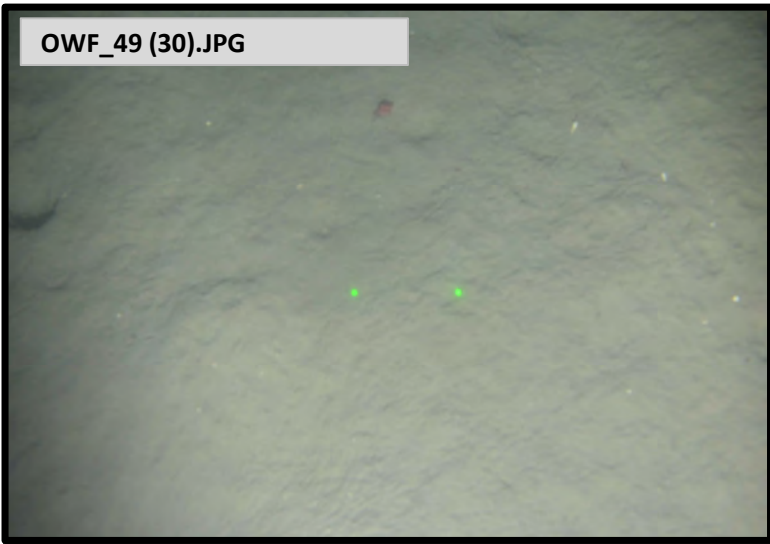


Photo Position: 397699 mE, 6323103 mN



Sieved Sample Image

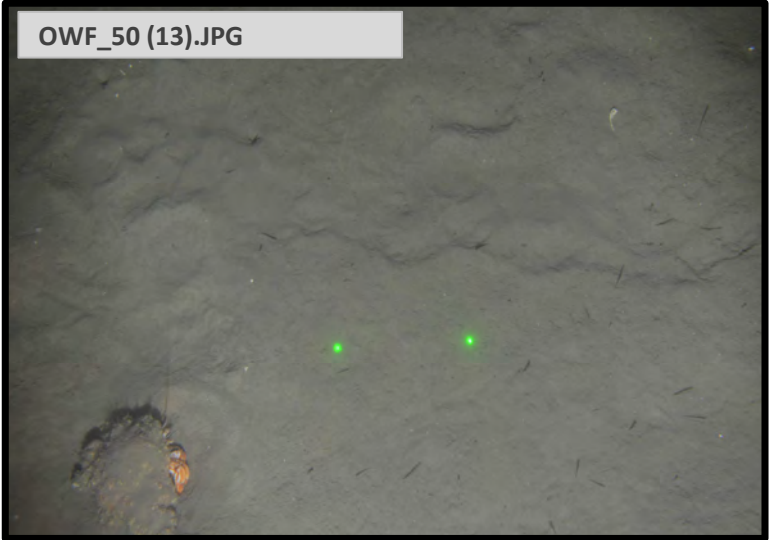


Photo Position: 404342 mE, 6323026 mN

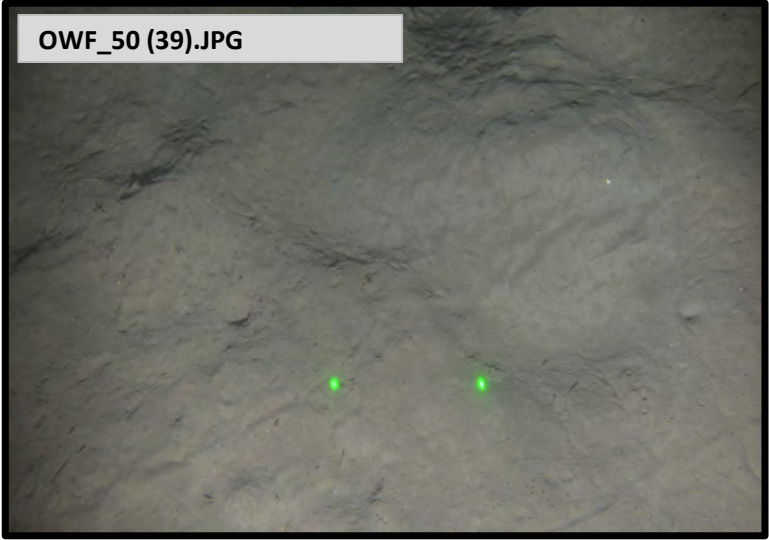


Photo Position: 404154 mE, 6322921 mN



Sediment Example Image

Habitat Summary Information: OWF_050

Survey Area: Central North Sea

No. of Stills: 52

Mins of Video: 22:15

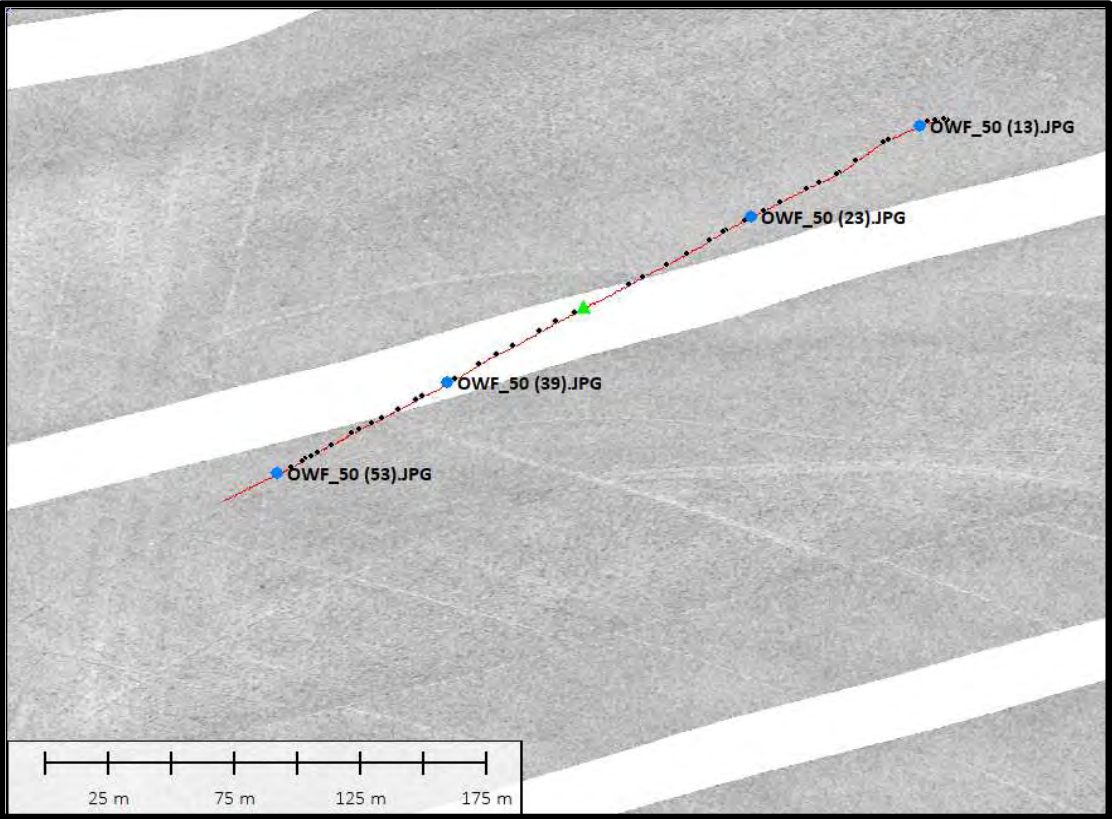
Track Length: 355.31m

Site Selection Criteria
Sampled in deep circalittoral mud (A5.37). Historic JNCC grab/DDV sampling site. Recorded presence of mud habitats (JNCC, 2015).

Analogue Interpretation
Flat homogeneous sediment, mottled reflectivity.

Sediment Description
Muddy sand with shell debris and occasional burrows.

Conspicuous Fauna
Cnidaria: *Pennatula phosphorea*, *Virgularia mirabilis*, *Actiniaria* sp. **Arthropoda:** *Nephrops norvegicus*, *Pagurus bernhardus*, *Caridea* sp, *Cancer maenus*. **Mollusca:** *Aequipecten opercularis*, *Antalis entalis*, *Bivalvia* sp. **Chordata:** *Limanda limanda*, *Gadus morhua*, *Myxine glutinosa*.



Client

Contractor

▲ Grab Location ● UW Image ● UW Featured Image ~ UW Video Track

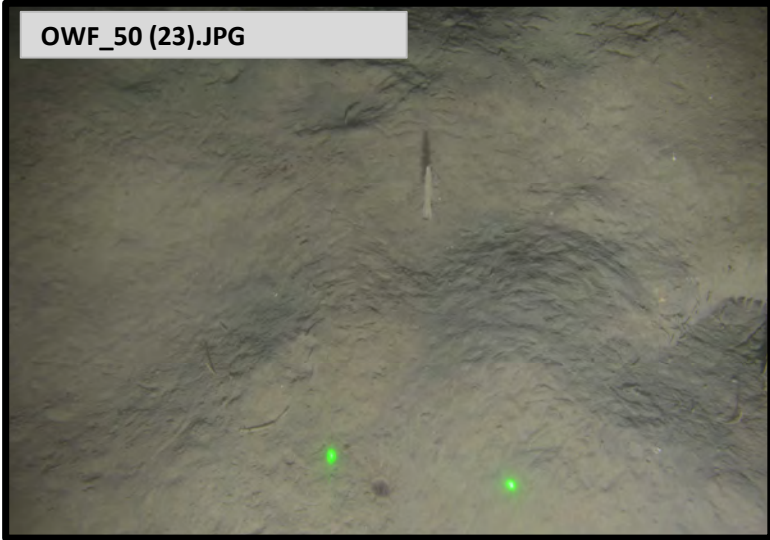


Photo Position: 404274 mE, 6322989 mN

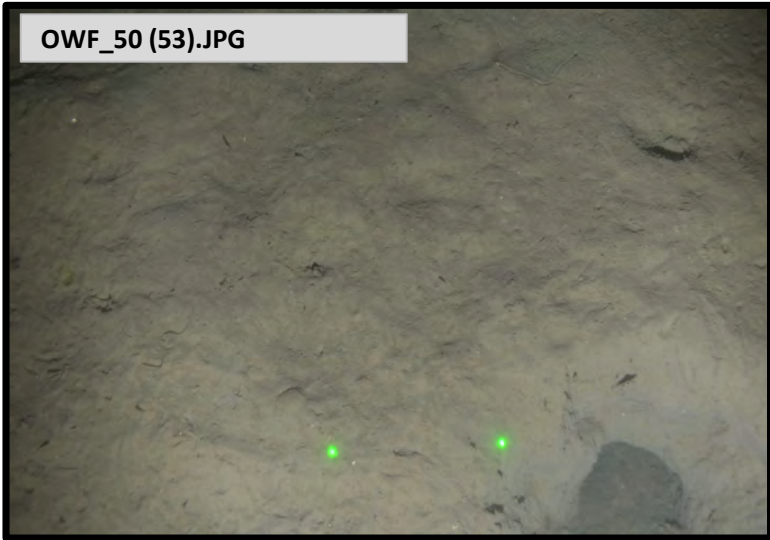


Photo Position: 404087 mE, 6322884 mN



Sieved Sample Image

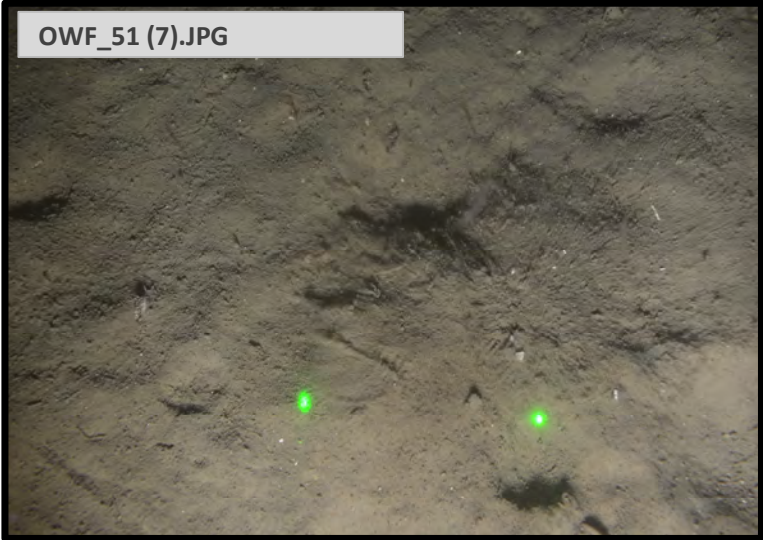


Photo Position: 398471 mE, 6337000 mN

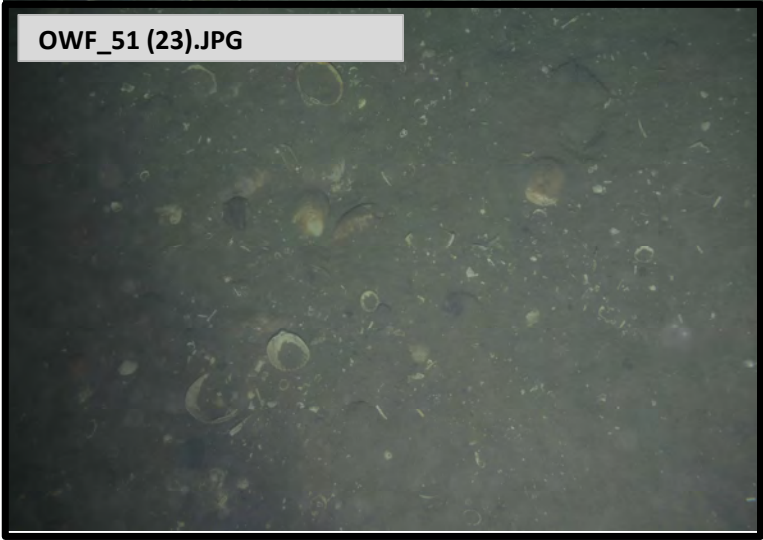


Photo Position: 398579 mE, 6337029 mN

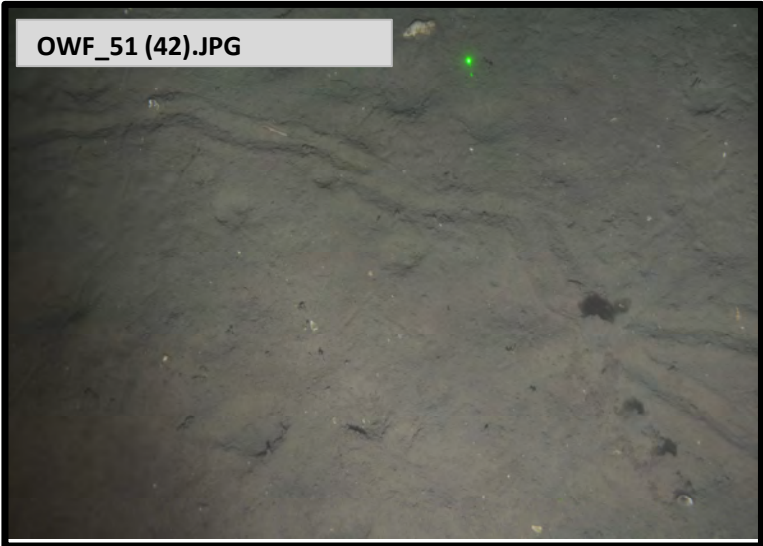


Photo Position: 398712 mE, 6337066 mN

Habitat Summary Information: OWF_051

Survey Area: Central North Sea

No. of Stills: 46 Mins of Video: 25:29 Track Length: 394.24m

Site Selection Criteria

Camera transect targeting a large distinct patch of high reflectivity contacts with no magnetometer readings.

Analogue Interpretation

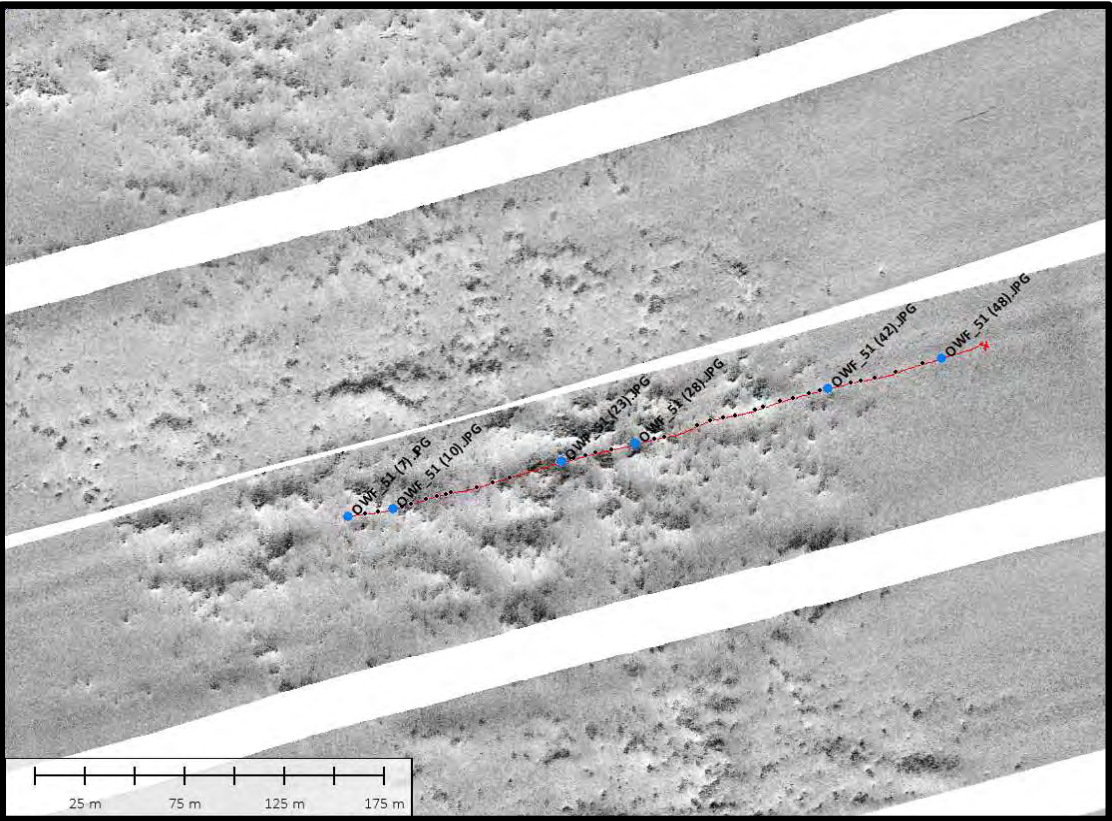
Flat homogeneous sediment, mottled reflectivity, with area of mixed coarse sediment and cobbles.

Sediment Description

Muddy sand with shell debris and occasional burrows. Areas of mixed sediment with pebbles, cobbles, and shell debris and gravelly patches overlaid with muddy sand.

Conspicuous Fauna

Porifera: *Axinella infundibuliformis* . **Cnidaria:** *Alcyonium digitatum* , *Funiculina quadrangularis* , *Pennatula phosphorea* , *Virgularia mirabilis* , *Caryophyllia smithii* , *Hydrozoa* sp, *Actinaria* sp, *Nemertesia antennina* . **Annelida:** *Hyalinoecia tubicola* , *Ditrupa arietina* . **Arthropoda:** *Pagurus bernhardus* , *Caridea* sp. **Mollusca:** *Aequipecten opercularis* , *Janolus cristatus* , *Antalis entalis* , *Bivalvia* sp. **Chordata:** *Limanda limanda* , *Gadus morhua* , *Amblyraja radiata* . **Mollusca:** *Naticoidea* sp. **Chordata:** *Gadidae* sp. **Cnidaria:** *Hydrozoa* sp.



Client

Contractor

● UW Image ● UW Featured Image ~ UW Video Track



Photo Position: 398494 mE, 6337004 mN

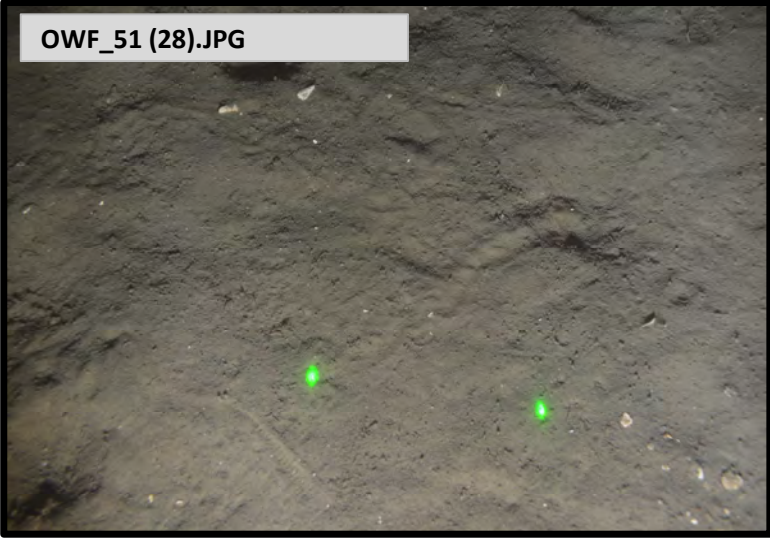


Photo Position: 398616 mE, 6337038 mN

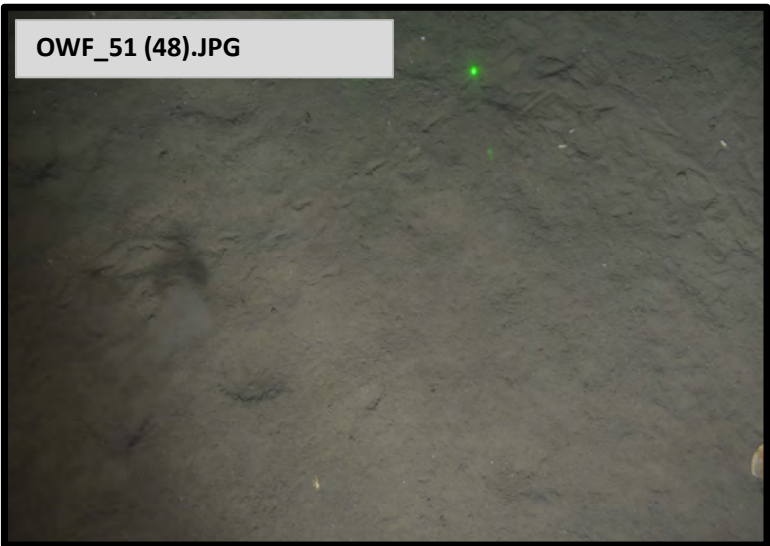


Photo Position: 398769 mE, 6337082 mN