



March 2, 2008

The Japan Agency for Marine-Earth Science and Technology

### **Research on Collision between MSDF DDG ATAGO and a fish boat SEITOKU MARU -Objects found during the search operation by the Research Vessel NATSUSHIMA-**

The Remotely Operated Vehicle HYPER-DOLPHIN spotted six more manmade objects (a total of fifteen objects were found since the research started) during the research on the collision between MSDF DDG ATAGO and a fish boat SEITOKU MARU being carried out by the Research Vessel NATSUSHIMA belongs to the Japan Agency for Marine-Earth Science and Technology (JAMSTEC; Mr. Yasuhiro Kato, President).

#### **About objects**

##### **Photograph 1, 2**

- (1) Location : (1) Location : North Latitude 34.31, East Longitude 139.49, Water depth 1,841m  
(Please refer to [Fig.1](#))
- (2) Photographed date and time : 09:04 March 2, 2008

##### **Photograph 3, 4**

It is possible that this object is the same one that was spotted by DEEP TOW on February 24, 2008.

- (1) Location : Location : North Latitude 34.31, East Longitude 139.49, Water depth 1,841m
- (2) Photographed date and time : 09:11 March 2, 2008

##### **Photograph 5, 6**

- (1) Location : Location : North Latitude 34.31, East Longitude 139.49, Water depth 1,842m
- (2) Photographed date and time : 09:29 March 2, 2008

##### **Photograph 7, 8**

- (1) Location : Location : North Latitude 34.31, East Longitude 139.49, Water depth 1,841m
- (2) Photographed date and time : 09:40 March 2, 2008

##### **Photograph 9**

- (1) Location : Location : North Latitude 34.31, East Longitude 139.49, Water depth 1,840m
- (2) Photographed date and time : 11:51 March 2, 2008

##### **Photograph 10,11**

(1) Location : Location : North Latitude 34.31, East Longitude 139.49, Water depth 1,839m

(2) Photographed date and time: 12:03 March 2, 2008

JAMSTEC provided the information immediately to the Ministry of Education, Culture, Sports, Science and Technology (MEXT) and we heard that the MEXT provided the information to the Crisis Center in the Prime Minister's Office, the Japan Coast Guard and the Ministry of Defense. Currently, we have not informed if the Japan Coast Guard makes any decision about relation between the found object and the accident.

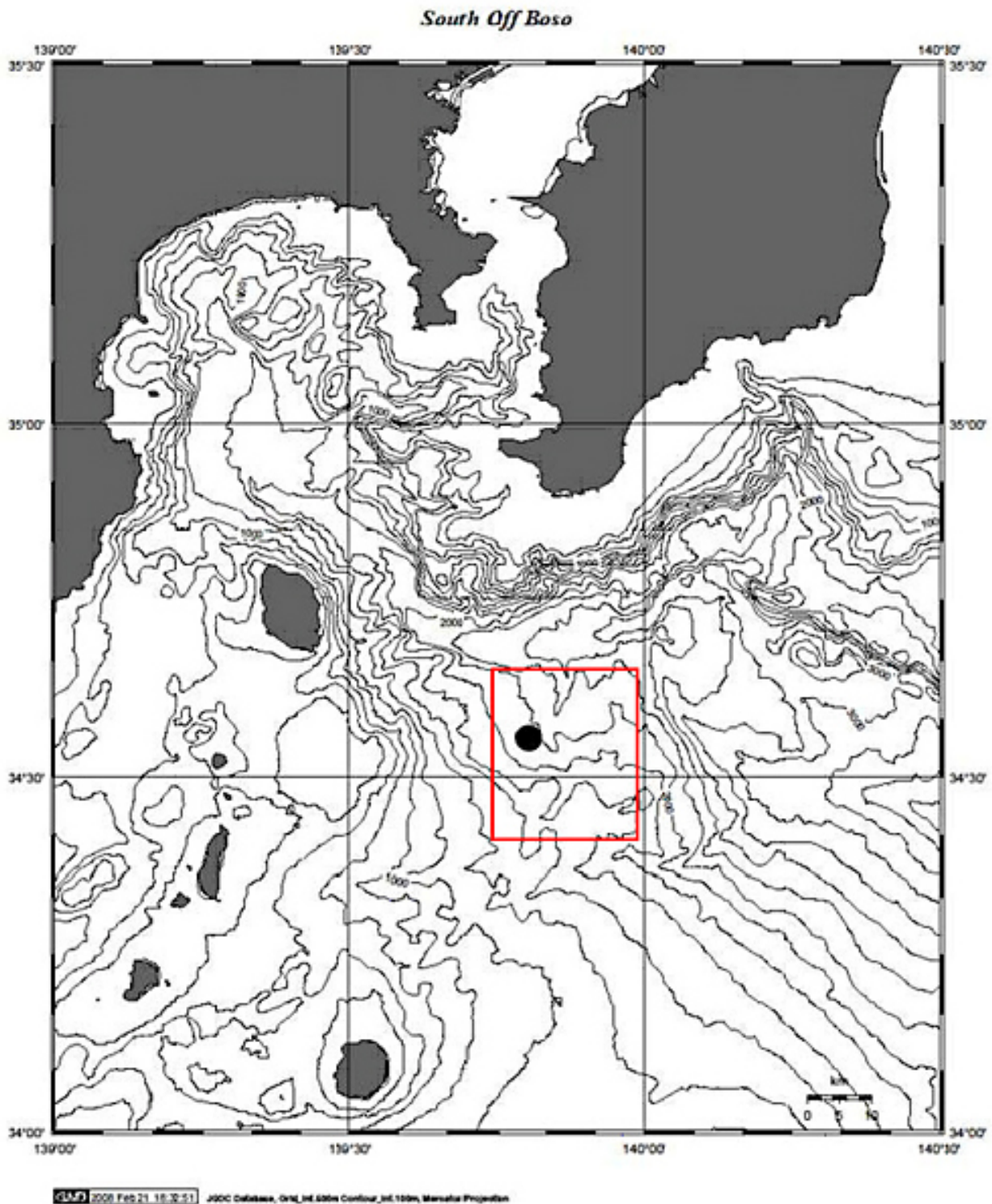
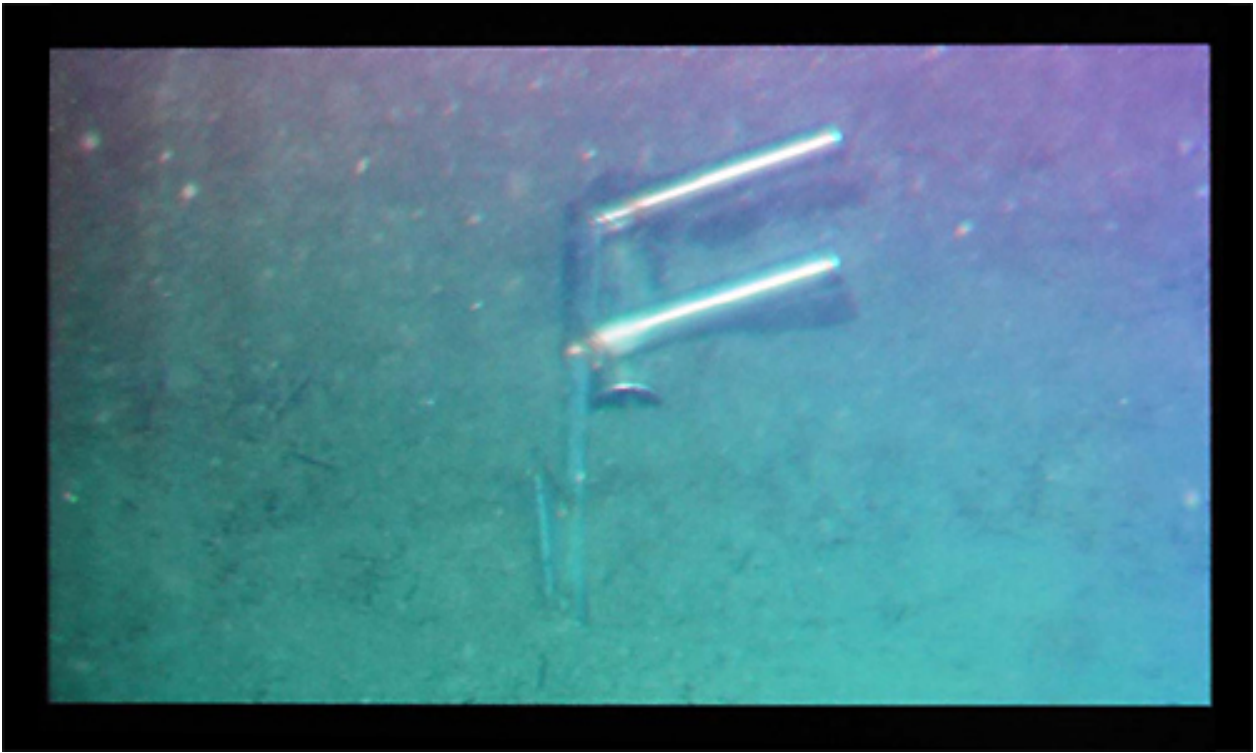
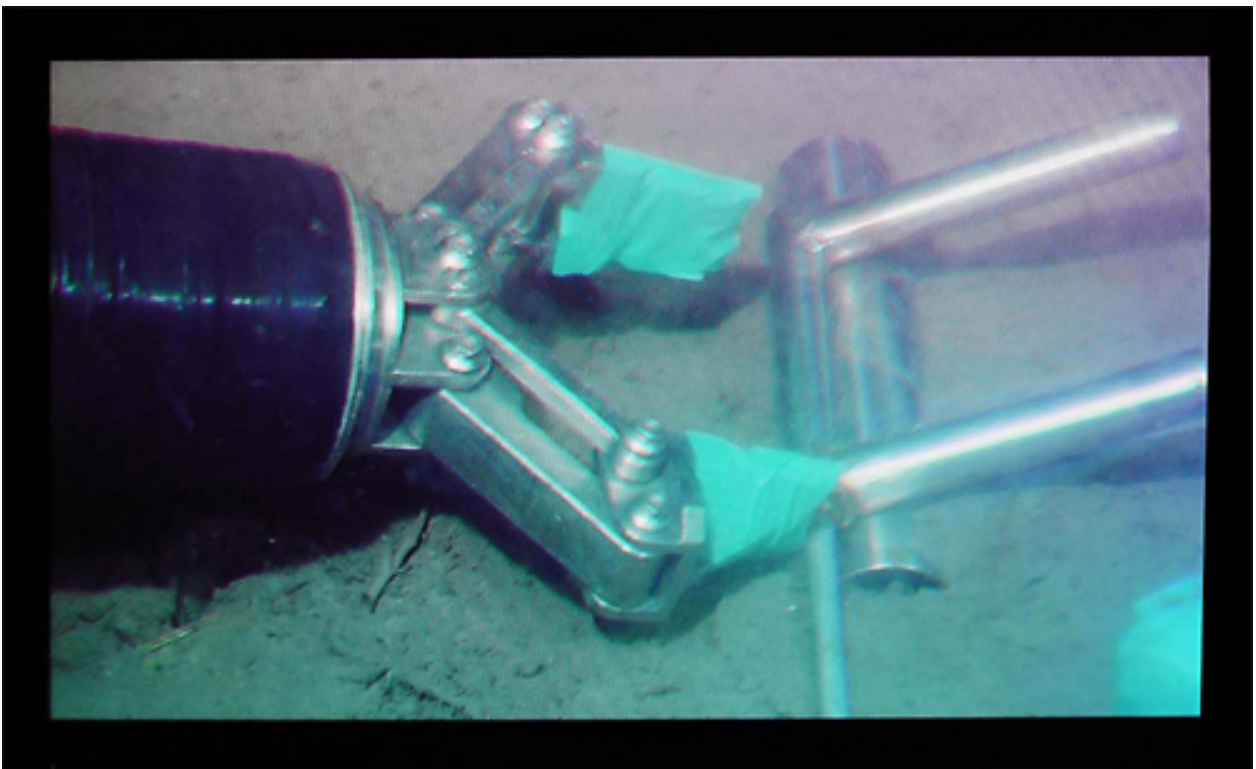


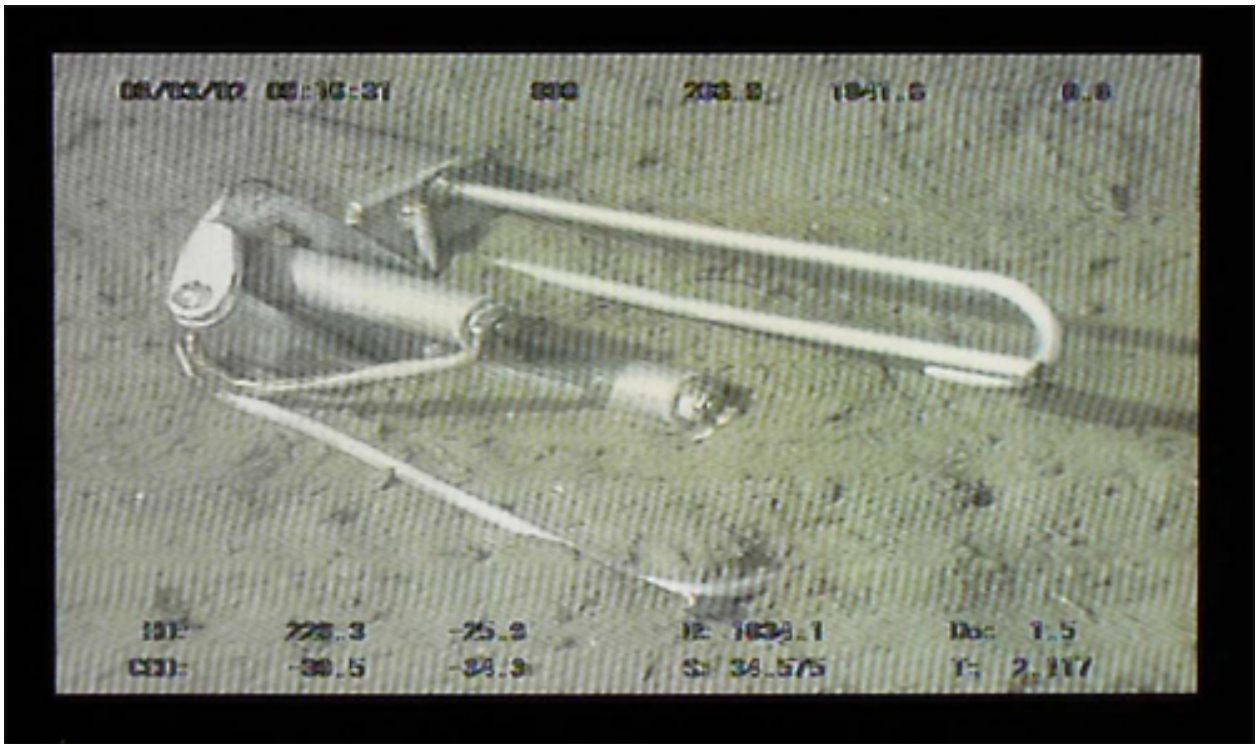
Fig.1 Research Area  
●: location of the object spotted and photographed  
□: research area



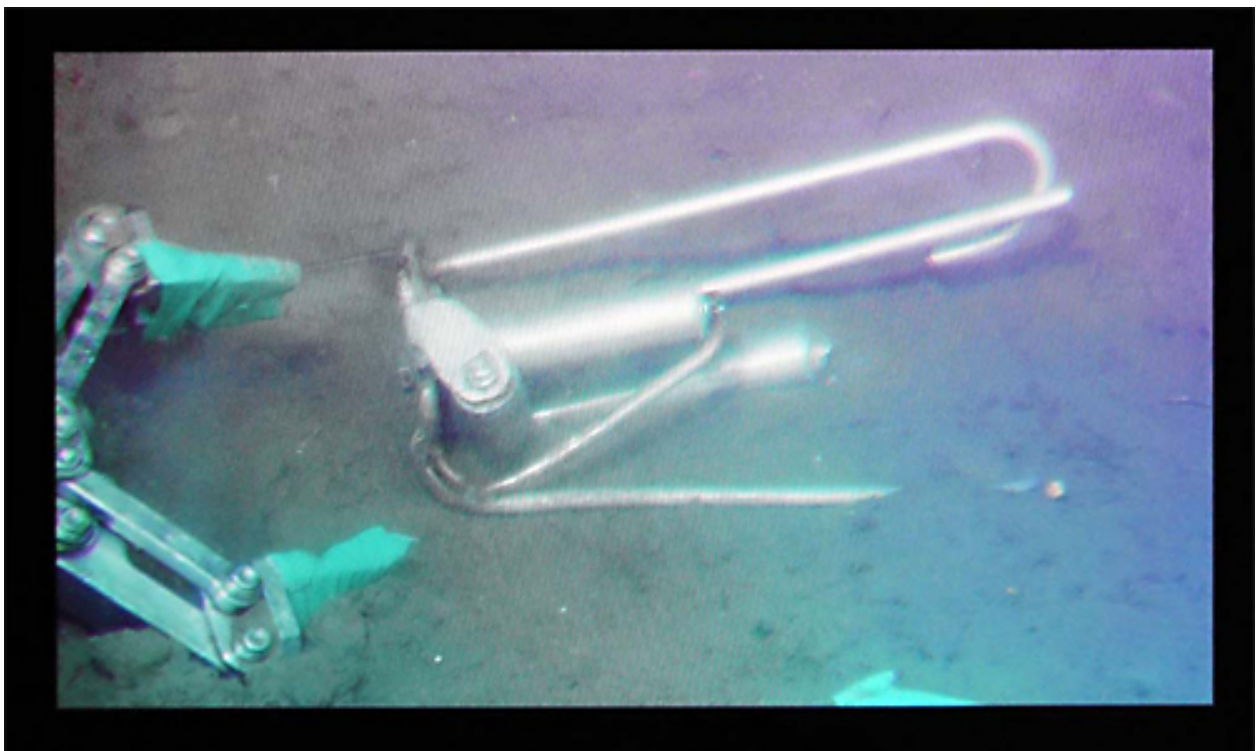
Photograph 1: Image of on-board display screen taken by a digital camera  
Length of the object: approximately 40cm  
(North Latitude: 34.31 East Longitude:139.49 Water Depth 1,841m)



Photograph 2: Image of on-board display screen taken by a digital camera  
Left: manipulator of HYPER DOLPHIN  
(North Latitude: 34.31 East Longitude:139.49 Water Depth 1,841m)



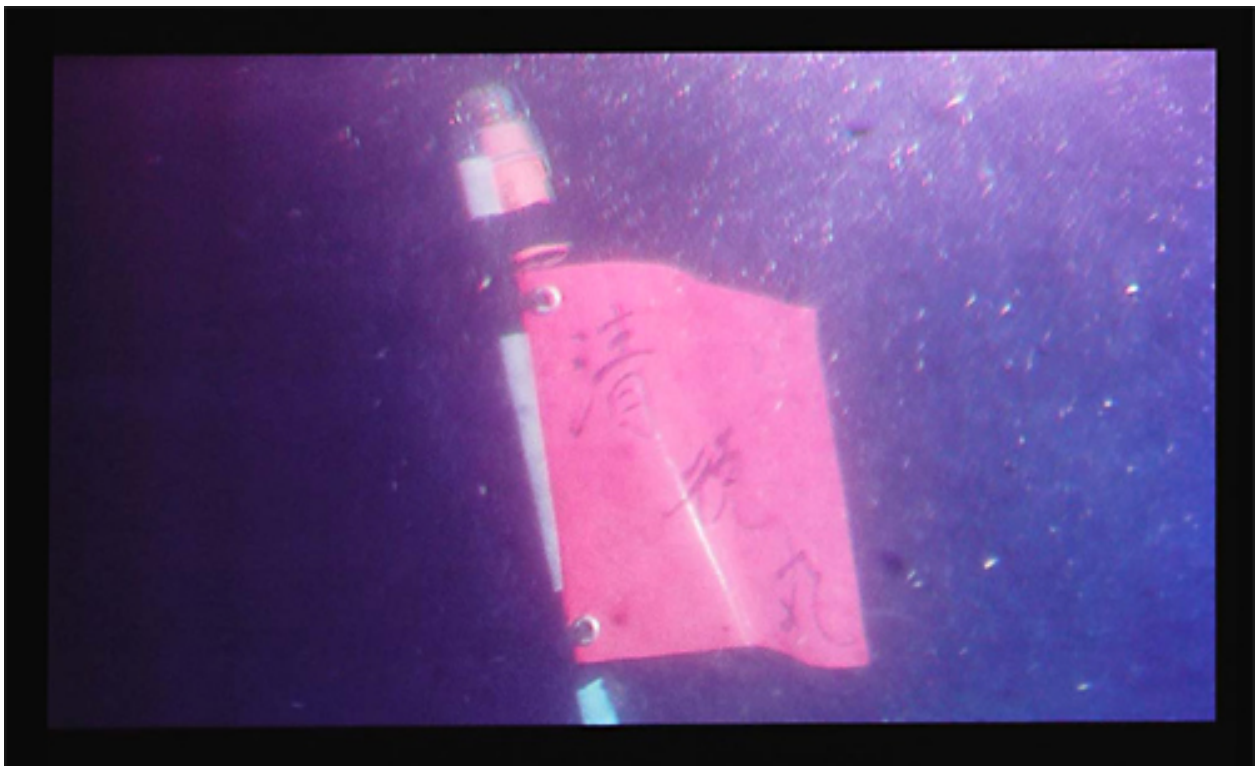
Photograph 3: Image of on-board display screen taken by a digital camera  
 Length of the object: approximately 30cm  
 (North Latitude: 34.31 East Longitude:139.49 Water Depth 1,841m)



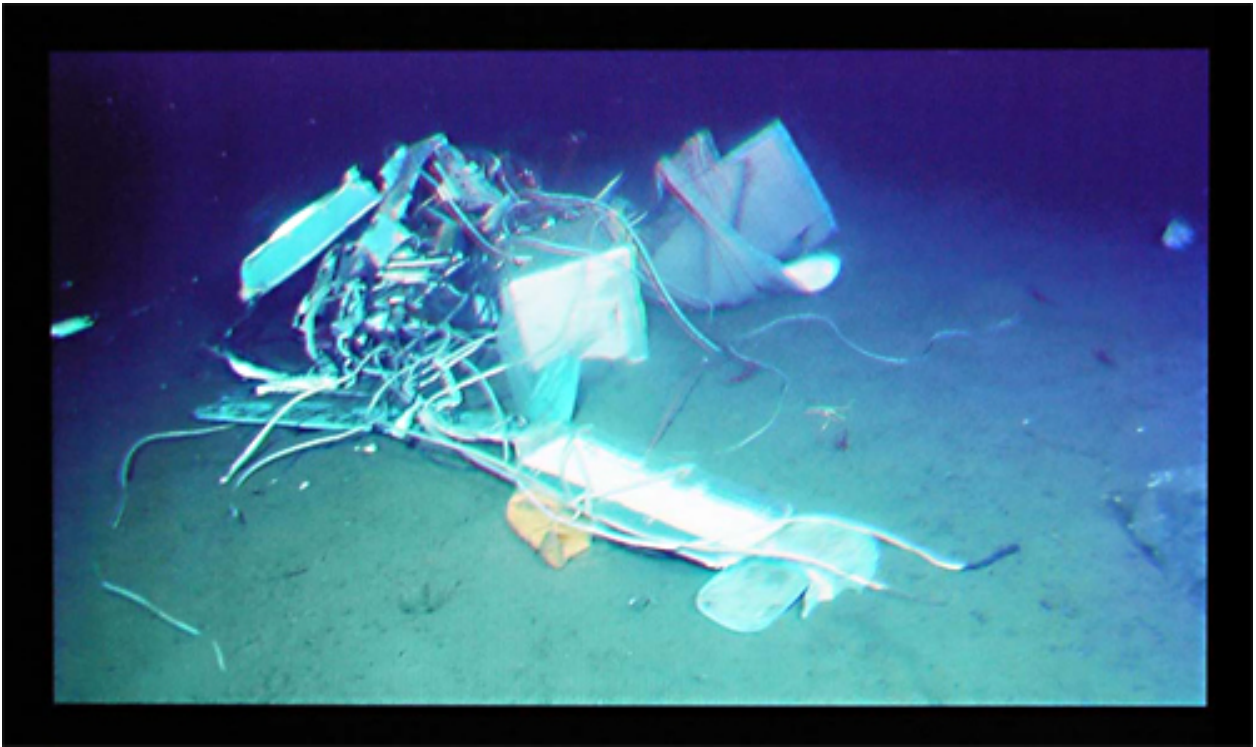
Photograph 4: Image of on-board display screen taken by a digital camera  
 Left: manipulator of HYPER DOLPHIN  
 (North Latitude: 34.31 East Longitude:139.49 Water Depth 1,841m)



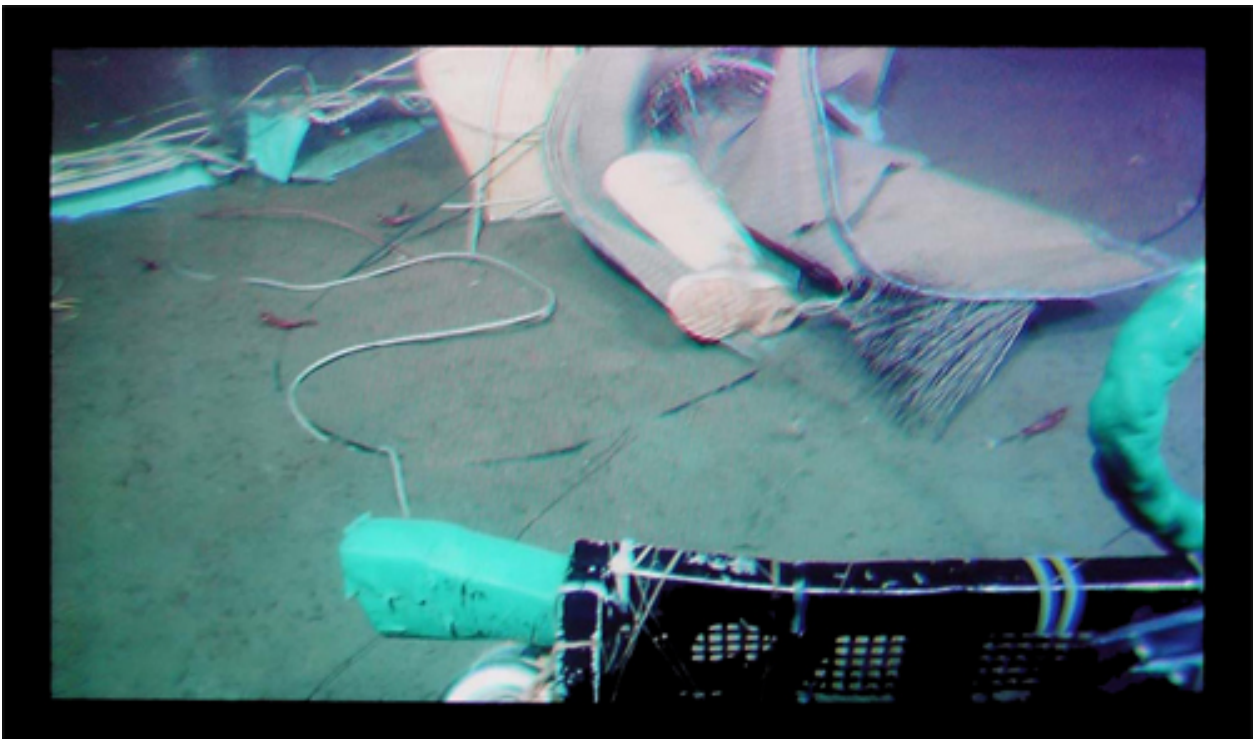
Photograph 5: Image of on-board display screen taken by a digital camera  
Length of the object: approximately 1m  
Left: manipulator of HYPER DOLPHIN  
(North Latitude: 34.31 East Longitude:139.49 Water Depth 1,842m)



Photograph 6: Image of on-board display screen taken by a digital camera  
(North Latitude: 34.31 East Longitude:139.49 Water Depth 1,842m )



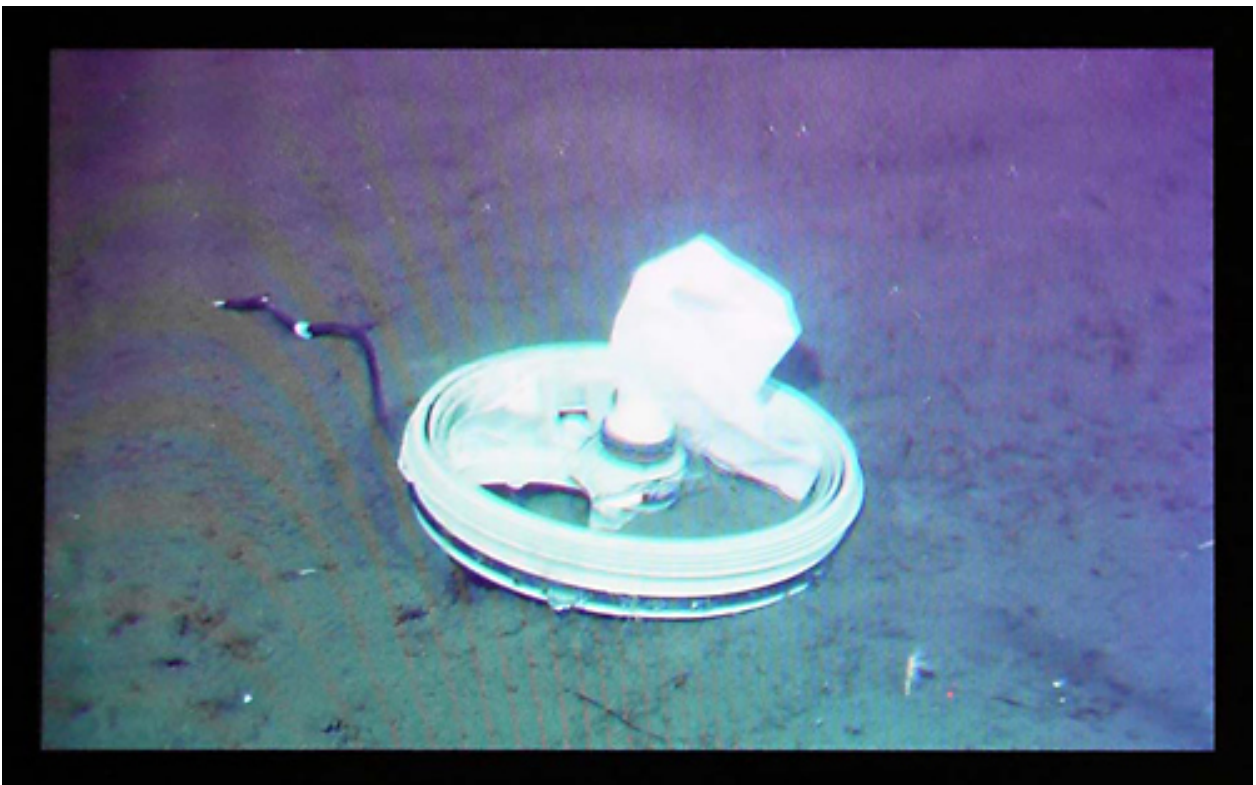
Photograph 7: Image of on-board display screen taken by a digital camera  
Length of the object: approximately 2m  
(North Latitude: 34.31 East Longitude:139.49 Water Depth 1,841m)



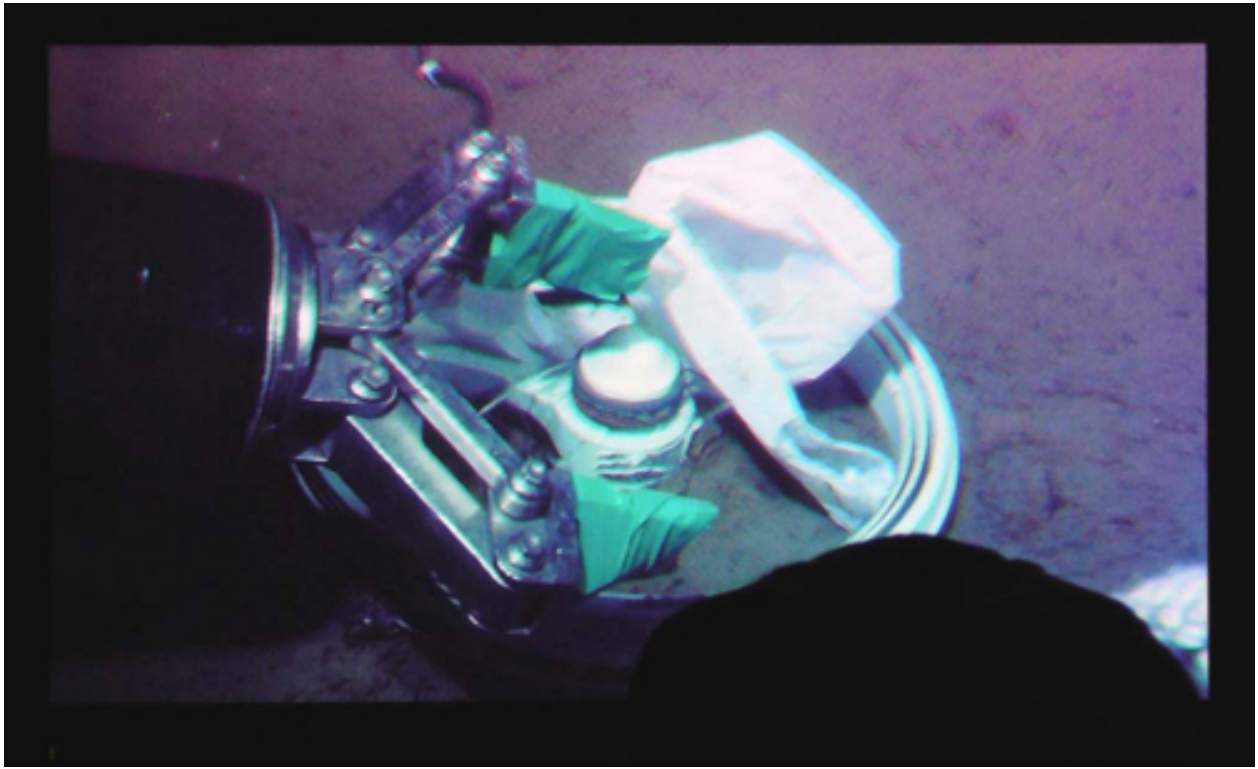
Photograph 8: Image of on-board display screen taken by a digital camera  
Near side: sample basket of HYPER DOLPHIN  
(North Latitude: 34.31 East Longitude:139.49 Water Depth 1,841m)



Photograph 9: Image of on-board display screen taken by a digital camera  
Length of the object: approximately 40cm  
Right: sample basket of HYPER DOLPHIN  
(North Latitude: 34.31 East Longitude:139.49 Water Depth 1,841m)



Photograph 10: Image of on-board display screen taken by a digital camera  
Length of the object: approximately 30cm  
(North Latitude: 34.31 East Longitude:139.49 Water Depth 1,839m)



Photograph 11: Image of on-board display screen taken by a digital camera  
Left: manipulator of HYPER DOLPHIN  
(North Latitude: 34.31 East Longitude:139.49 Water Depth 1,839m)

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