

NDSF Data Archive Status

Review

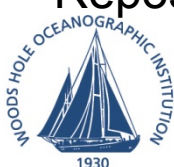
- All non-video cruise data from Spring 2008 forward has been copied to on-line repository
 - *Protected by RAID with daily backups to tape*
 - *Earlier cruises are being copied opportunistically*

New Developments

- All vehicle data packages will now include by-lowering organization
 - *By-dive can be extracted from Jason Virtual Van, June 2009*
- Metadata portal developed by MGDS

Future

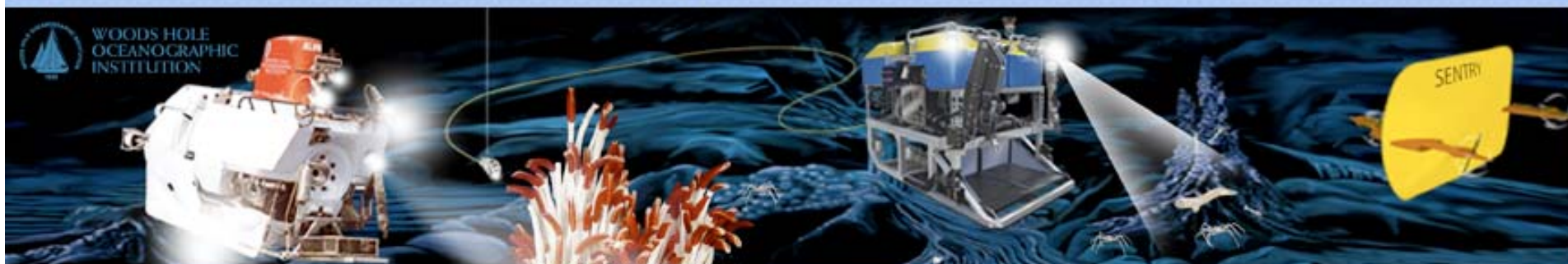
- Data portal's placement in WHOI's cyber-infrastructure framework is undetermined
 - WHOI's Ocean Informatics Task Force recommendation is pending
- More uniformly defined hierarchy in repository
- Shared administration of repository/server system
- Repository to be mirrored to off-site storage



NDSF Data Portal at MGDS



Search for Data



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NDSF Data Portal

Portal Links

- [NDSF Website](#)
- [NDSF Data Website](#)
- [WHOI Website](#)
- [Search NDSF Portal](#)



This page provides access to basic dive information and links to data collected by the [National Deep Submergence Facility](#) operated out of the [Woods Hole Oceanographic Institution](#). Enable the map client to view the locations and access metadata about of Human Occupied Vehicle (HOV) [Alvin](#), Remote Operated Vehicle (ROV) [Jason](#), and Autonomous Underwater Vehicle (AUV) [ABE/Sentry](#) conducted since 1964.

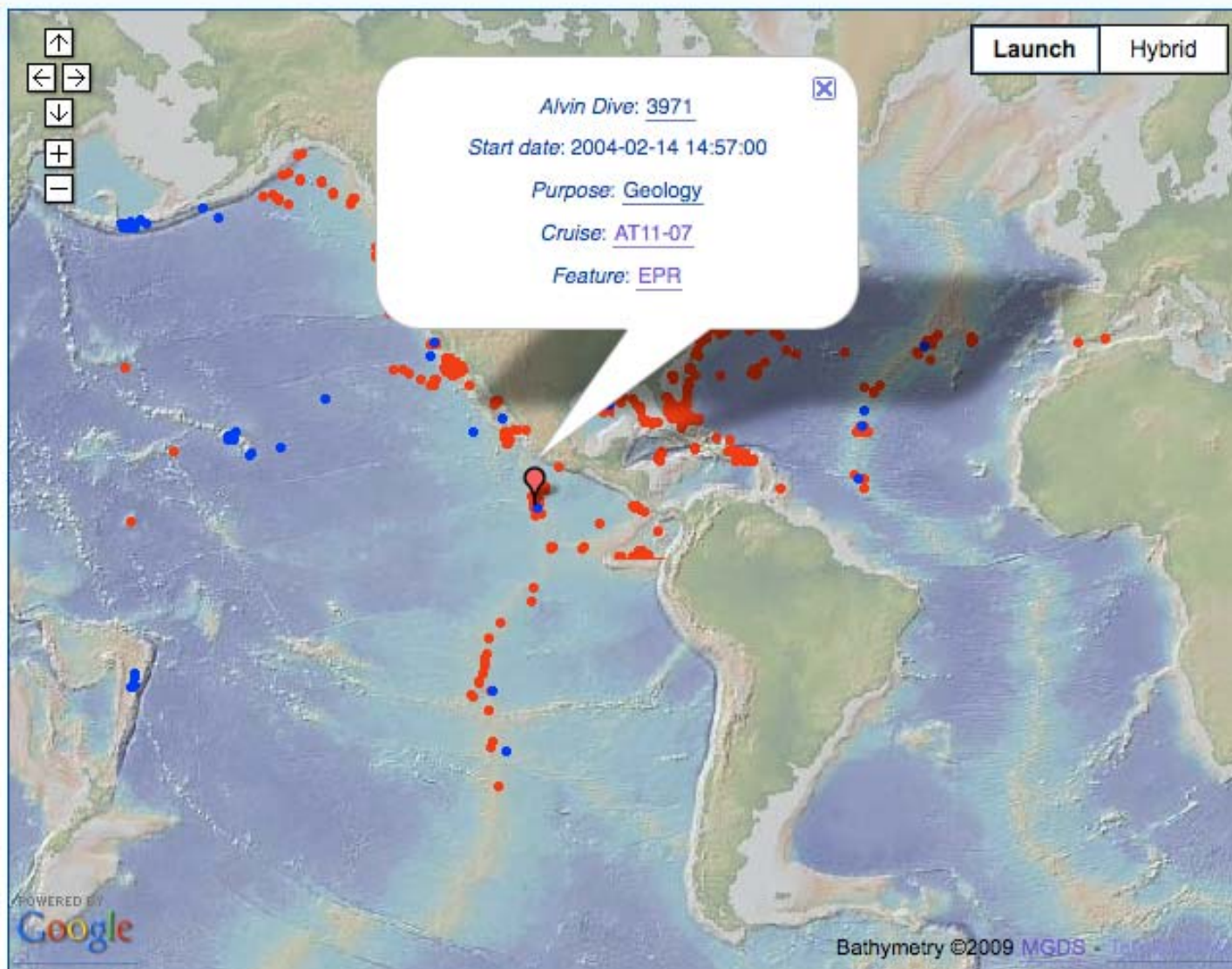
View the [AGU 2008 Poster](#) that reports on the creation of this database.

NDSF Data Portal at MGDS

NDSF Data Portal

Portal Links

- [NDSF Website](#)
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NDSF Data Portal at MGDS

DESSC
June 2009

AT11-07: HOV Alvin (3971)

[Back](#) [New Search](#)

Main Locale: [EPR](#)

Dive/Lowering Information

Cruise: [AT11-07](#)

HOV: [Alvin](#) (3971)

Purpose: [Geology](#)

Start Location: 9.72228°N, 104.25833°W

Time in water: February 14, 2004, 2:57 pm

Time out of water: February 14, 2004, 10:26 pm

Cruise Information

Cruise: [AT11-07](#)

Ship name: R/V Atlantis

Chief Scientist: Schouten, Hans

Data

[View Alvin Frame-Grabber](#)

[View Related MGDS Data for AT11-07](#)

[View Related WHOI Data for AT11-07](#)

The screenshot displays the Marine Geoscience Data System (MGDS) website. The top navigation bar includes links for Home, About, Tools & Services, Data Portals, Partners, Contribute Data, and Education. A search bar is located in the top right corner. The main content area is titled "Expedition AT11-07" and features a "Map View" button. Below this, the "Main Locale: EPR:gN" is indicated. A table lists the expedition details:

Lead Scientists	Role	Institution	Award
Schouten, Hans	Scientist: Chief	WHOI	OCE98-19261
Fornari, Daniel	Scientist: Co-Chief	WHOI	OCE98-19261

Below the table, a "Directory listing for AT011L07" is shown, featuring a small image of the R/V Atlantis. The directory listing includes a link to view directories or download files, with a note that some directories may be empty due to collecting error or omission. The directory listing for AT011L07 / is displayed, showing a list of files:

- 3961
- 3963
- 3964
- 3965
- 3966
- 3967
- 3968
- 3969
- 3970
- 3971
- 3972
- 3973
- 3974
- 3975
- 3976
- Alvin_Ext_Stills
- AT011L07_README_1ST.txt
- CRUISE_ID
- Diskinfo.txt

NDSF Data Portal at MGDS

DESSC
June 2009

National Deep Submergence Facility: Alvin ()

http://www.marine-geo.org/portals/ndsf/search/launch.php?id=Alvin&cruise=AT11

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MARINE GEOSCIENCE DATA SYSTEM Search for Data

WOODS HOLE OCEANOGRAPHIC INSTITUTION

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Alvin: AT11-07

<u>Dive/Lowering</u>	<u>Locale</u>	<u>Start Date</u>	<u>Stop Date</u>
3961	EPR:9N:Biotransect	February 3, 2004, 3:31 pm	February 3, 2004, 11:29 pm
3962	EPR	February 4, 2004, 3:03 pm	February 4, 2004, 5:49 pm
3963	EPR	February 6, 2004, 3:09 pm	February 6, 2004, 11:43 pm
3964	EPR:9N:Biotransect	February 7, 2004, 3:00 pm	February 7, 2004, 11:34 pm
3965	EPR	February 8, 2004, 3:04 pm	February 8, 2004, 11:41 pm
3966	EPR	February 9, 2004, 3:03 pm	February 9, 2004, 7:36 pm
3967	EPR	February 10, 2004, 2:59 pm	February 10, 2004, 10:23 pm
3968	EPR	February 11, 2004, 2:59 pm	February 11, 2004, 11:30 pm
3969	EPR:9N:Biotransect	February 12, 2004, 2:58 pm	February 12, 2004, 11:59 pm
3970	EPR	February 13, 2004, 2:54 pm	February 13, 2004, 10:29 pm
3971	EPR	February 14, 2004, 2:57 pm	February 14, 2004, 10:26 pm

Done

NDSF Data Portal at MGDS

DESSC
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National Deep Submergence Facility: ()

http://www.marine-geo.org/portals/ndsf/search/launch.php?purpose=Geology

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MARINE GEOSCIENCE DATA SYSTEM Search for Data

WOODS HOLE OCEANOGRAPHIC INSTITUTION

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Geology

<u>Dive/Lowering</u>	<u>Locale</u>	<u>Start Date</u>	<u>Stop Date</u>
0042	WoodsHoleHarbor	September 3, 1964, 9:00 am	September 3, 1964, 1:11 pm
0043	WoodsHoleHarbor	September 3, 1964, 9:00 am	September 3, 1964, 1:00 pm
0044	WoodsHoleHarbor	September 4, 1964, 9:00 am	September 4, 1964, 1:00 pm
0047	WoodsHoleHarbor	September 8, 1964, 9:00 am	September 8, 1964, 1:01 pm
0055	WoodsHole	September 15, 1964, 9:00 am	September 15, 1964, 1:00 pm
0066	WoodsHoleHarbor	September 25, 1964, 9:00 am	September 25, 1964, 1:01 pm
0072	WoodsHoleHarbor	September 30, 1964, 9:00 am	September 30, 1964, 1:10 pm
1329	BlakePlateau	February 9, 1984, 9:34 am	February 9, 1984, 6:02 pm
1330	BlakePlateau	February 10, 1984, 9:35 am	February 10, 1984, 7:18 pm
1331	BlakePlateau	February 11, 1984, 12:07 pm	February 11, 1984, 5:45 pm
1332	BlakePlateau	February 12, 1984, 9:15 am	February 12, 1984, 5:00 pm

Done



Home

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Search For Data

Location

Search By:

World

▼ Pilot/Observer Search Options

Personnel Type:

(Any)

▼ Dive/Lowering Search Options

Platform:

Jason2

Dive/Lowering Name:

(All)

(All)

J2-001

J2-002

J2-003

J2-004

J2-005

J2-006

J2-007

J2-008

J2-009

Purpose:

(All)

Status:

▼ Cruise Search Options

Cruise ID:

(All)

Ship:

(All)

Chief Scientist:

(All)

NDSF Data Portal at MGDS: Next Steps

DESSC
June 2009

- Transition database metadata ingestion to WHOI/NDSF personnel during Summer 2009
- Add AUV metadata to database
- Implement parallel portal pages on WHOI/NDSF website
- Develop sustainable plan for database SysAd
- Develop plan to integrate 'by dive directory structure' with relational database to make data objects (not just collections) discoverable and accessible through Data Portals. Plan to be presented to DeSSC at Fall 2009 Meeting.

