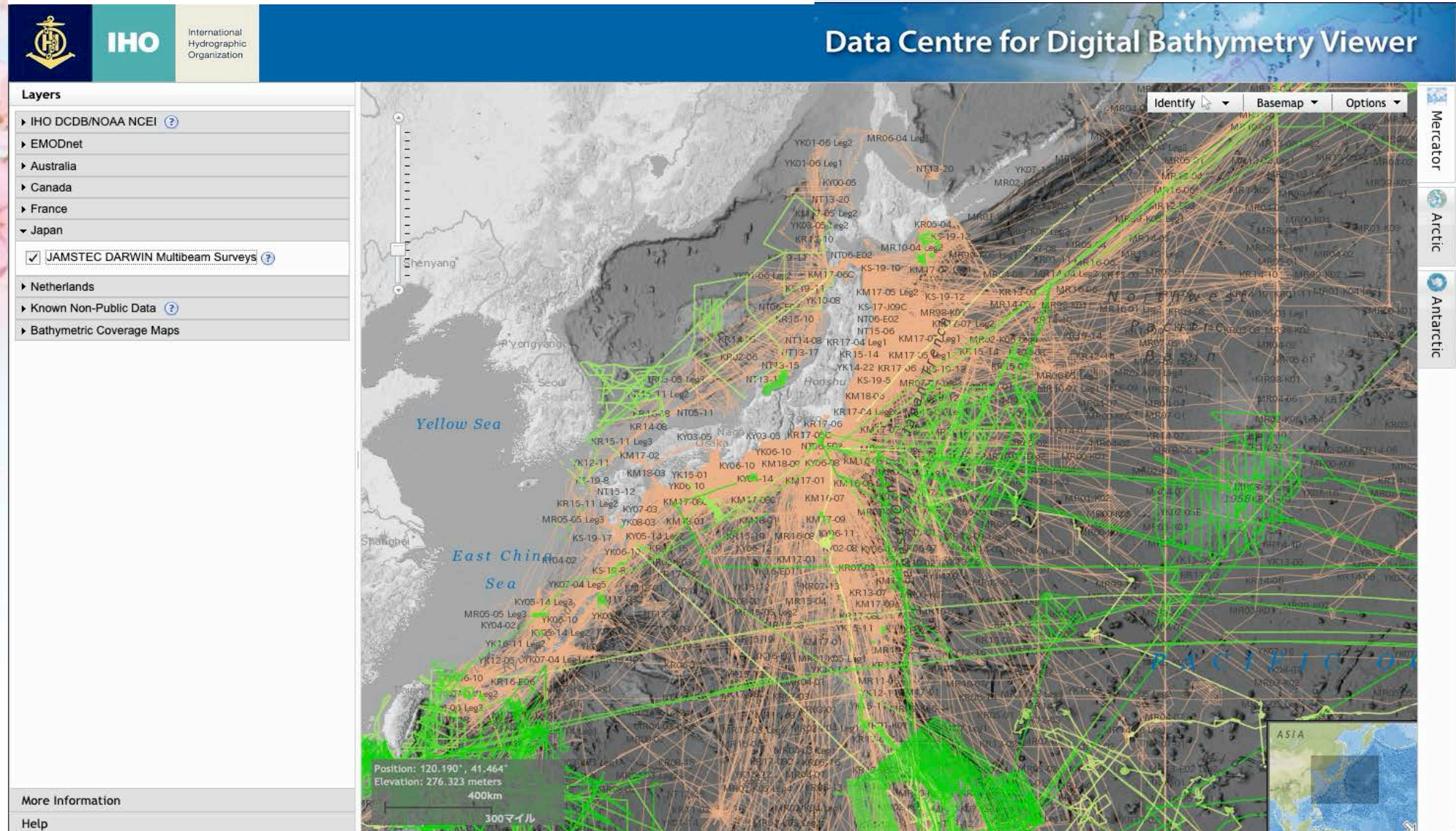


JAMSTEC Updates since July, 2020

https://maps.ngdc.noaa.gov/viewers/iho_dcdb/



Yukari Kido

Japan Agency for Marine-Earth
Science and Technology

MIRAI MR13-01 Cruise Data

MR13-01

Cruise Information

Data List

Related Cruises

Related Publications

Update History

Related Links

Information of MIRAI

Instruments

Photo Gallery

Last Modified

2016-04-07

A cruise information was registered.

Updated data: Shipboard Acoustic Doppler Current Profiler (ADCP), Bathymetry (MBES), Bottle Sampling Water Chemical Analysis, Conductivity-Temperature-Depth Profiler (CTD), Gravity, Marine Meteorology, Navigation, Shipboard Three Component Magnetometer (STCM), Underway Thermosalino Graph, Expendable Conductivity-Temperature-Depth Profiler (XCTD)

Cruise Information

Ship Name

MIRAI

Cruise ID

MR13-01

Period

2013-02-18 ~ 2013-03-28

Chief Scientist

Yuji Kashino (JAMSTEC)

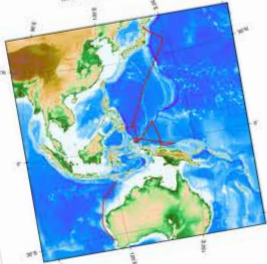
Project Name

[Tropical Ocean Climate Study (TOCS)]

Cruise Title

Tropical Ocean Climate Study

Cruise Track



Enlarge Image

Ports of call

2013-02-18 02:00 Departure from Fremantle

2013-03-27 00:00 Arrival at Hachinohe

2013-03-27 06:50 Departure from Hachinohe

2013-03-28 00:10 Arrival at Sekinehama

Research area

Western equatorial Pacific and Kuroshio Extension region


Data List

| | Quality Level |
|--|---------------------------|
| <input type="checkbox"/> Observation Data | Processed (DMO)-QCed |
| <input type="checkbox"/> Cruise Summary | Processed (DMO)-Basic |
| <input type="checkbox"/> Cruise Report | Processed (DMO)-Corrected |
| <input type="checkbox"/> Navigation | Processed (DMO)-Corrected |
| <input type="checkbox"/> Bathymetry (MBES) | Processed (DMO)-Corrected |
| <input type="checkbox"/> Gravity | Processed (DMO)-Corrected |
| <input type="checkbox"/> Shipboard Three Component Magnetometer (STCM) | Processed (DMO)-Corrected |
| <input type="checkbox"/> Marine Meteorology | Processed (DMO)-Corrected |
| <input type="checkbox"/> Shipboard Acoustic Doppler Current Profiler (ADCP) | Processed (DMO)-QCed |
| <input type="checkbox"/> Shipboard Acoustic Doppler Current Profiler (LADCP) | Processed (DMO)-QCed |
| <input type="checkbox"/> Lowered Acoustic Doppler Current Profiler (LADCP) | Processed (DMO)-QCed |
| <input type="checkbox"/> Conductivity-Temperature-Depth Profiler (CTD) | Processed (DMO)-QCed |
| <input type="checkbox"/> Expendable Conductivity-Temperature-Depth Profiler (XCTD) | Processed (DMO)-QCed |
| <input type="checkbox"/> Underway Thermosalino Graph | Processed (DMO)-QCed |
| <input type="checkbox"/> Bottle Sampling Water Chemical Analysis | Processed (DMO)-QCed |

Add to Basket

R/V Mirai Cruise Report MR13-01

February 18, 2013 – March 28, 2013
Tropical Ocean Climate Study (TOCS)



Agency for Marine-Earth Science and Technology
(JAMSTEC)

JAMSTEC DARWIN Database for general public

as of 12 March 2021

- **Cruises & Dives**

- 2,184 cruises
- 7,201 dives

- **Observation data (totally 92,827)**

- CTD : 213 cruises
- XBT : 922 cruises
- Submersible CTD : 2,310
- ADCP + LADCP : 569 cruises

- **Marine Geophysics data**

- **Bathymetry : 1,150 cruises**
- Gravity : 764 cruises
- Magnetism : 1,114 cruises

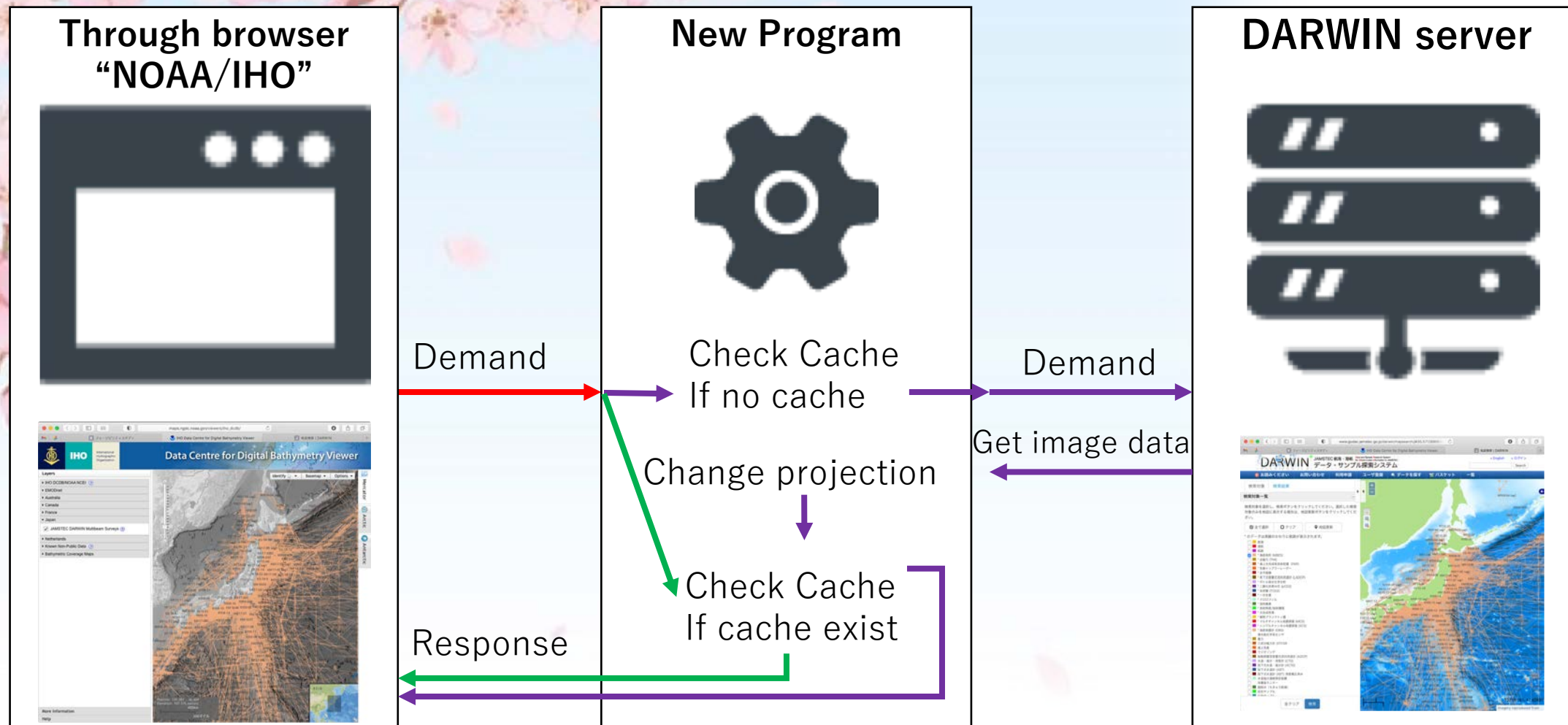
The screenshot displays the JAMSTEC DARWIN Database interface. At the top, the header includes the logo 'DARWIN' and the text 'Data and Sample Research System for Whole Cruise Information in JAMSTEC'. Navigation links include 'Notice', 'Contact Us', 'Application', 'User Registration', 'Data', 'Basket', and 'Lists'. A search bar is located on the right. The main content area is titled 'Public Information' and states: 'DARWIN provides the following information and data. Clicking on a link of summary value in the table will display the search results.' Below this, there is a table of data with columns for 'Cruise ID / Dive No.', 'Period', and 'DOI'. The table lists several entries for 'Bathymetry (MBES)' with quality levels and science keywords. To the right of the table, there is a vertical bar with a map view toggle and a search bar. The map shows a bathymetric view of the ocean floor with depth contours and labels. The bottom right corner of the map area includes the text 'imagery reproduced from'.

mapsearch/

<http://www.godac.jamstec.go.jp/darwin/counts/e>

DARWIN new cache program

Flow chart





Some Improvements since last July

- Utilize standard “WMS” application
- Available to select mapping display
(EPSG 4326: DARWIN, EPSG 3587: NOAA/IHO)
- Under consideration for layer display
(cache and tile)
- Improve display speed