Activities of Japan as a Responsible Member

Japan Meteorological Agency

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Number of Japanese VOSs and GTS reports

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**Graph:**
- **Y-axis:** Number of VOSs and GTS reports
- **X-axis:** Year (2002-2009)
- **Legend:**
  - GTS
  - VOS

### Graph Details:
- **2002:**
  - GTS: 60,000
  - VOS: 40,000
- **2003:**
  - GTS: 65,000
  - VOS: 45,000
- **2004:**
  - GTS: 70,000
  - VOS: 50,000
- **2005:**
  - GTS: 40,000
  - VOS: 30,000
- **2006:**
  - GTS: 30,000
  - VOS: 20,000
- **2007:**
  - GTS: 20,000
  - VOS: 10,000
- **2008:**
  - GTS: 60,000
  - VOS: 40,000
- **2009:**
  - GTS: 50,000
  - VOS: 30,000
Number of delayed mode observations by Japanese VOS
Call sign masking procedure in Japan

“Callsign masking” ships

Yamaguchi
LES

Non-“callsign masking” ships

Reports with callsign

Reports with callsign

Reports with dummy callsign

Original weather reports with callsign

Registered NMHSs

2010/02/09

(Secured data exchange in real time)

More accurate weather forecast
Contributions to safety navigation
More precise climate information
Recovery of the number of e-logbook reports with original call signs

![Graph showing call sign masking over years from 2002 to 2009. The graph compares the number of reports for different categories, with OBSJMA and dummy_OBSJMA shown separately.](image-url)
Distribution of GTS reports from Japanese VOS

<table>
<thead>
<tr>
<th>Year</th>
<th>Reports</th>
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<tr>
<td>2005</td>
<td>48912</td>
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OBSJ MA

Observation input field

Weather message field
Transmission of a weather report and submission of a logbook

**TLX file (Weather report)**

**IMMT file (Marine meteorological logbook)**

[Diagram showing the flow of data transmission and submission through Mail or e-mail to JMA]
Ships' Weather Observations/Reports

Marine Division, Global Environment and Marine Department, Japan Meteorological Agency

Japanese

The software "OBSJMA" realizes easy and accurate coding of weather reports

In March 2009, the JMA started to distribute the latest OBSJMA for WIN Version 2.00. OBSJMA for WIN Version 2.00 has new added features, including a more detailed pressure correction scheme for accurate reporting, and also works with Windows Vista OS. You should update the latest version, if you use previous version.

Download and Distribution of OBSJMA for WIN Version 2.00

Outlines of the OBSJMA for WIN Version 2.00

OBSJMA is software designed to help encode observational data (a weather message and a marine meteorological logbook) on your PC. OBSJMA has the following features as below:

- To make encoding easier while inputting observational data, you can display various information in another