Review of electronic logbook
OBSJMA

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Development of OBSJMA (MS-DOS)

◆ A package of PC software to realize easy and accurate compilation of weather reports and marine meteorological logbooks
  ◆ Instructions for making weather report in national language
  ◆ Minimum quality check at coding
    ◆ Value range check
    ◆ Avoid inconsistency between values
  ◆ IMMT-1 electronic logbook
  ◆ E-logbook collection with FD by postal mail

◆ OBSJMA and its operating manuals were distributed to about 500 Japanese VOSs in 1997
◆ Less than 30 VOSs used OBSJMA
Making and transmitting SHIP report and e-logbook with OBSJMA

Real-time transmission to meteorological centers

SHIP report

Coding with OBSJMA

Real-time transmission to meteorological centers

On-line, FD, or print out to convey report to INMARSAT transmitter

Ground station for satellite communication

GTS

GCC

GTS

Ground station for satellite communication

GTS

Postal mail or e-mail@jma

Delayed mode dispatch of e-logbook

Real-time transmission to meteorological centers

SHIP report

Coding with OBSJMA

On-line, FD, or print out to convey report to INMARSAT transmitter

Ground station for satellite communication

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Postal mail or e-mail@jma

Delayed mode dispatch of e-logbook
Development of OBSJMA for WIN

◆ Workable on widely used PC OS
  ◆ Windows 95, 98, Me and 2000
◆ improved man-machine interface
  ◆ mouse pointer is available
  ◆ more visual images to help making record
◆ to meet new requirements
  ◆ additional data and metadata for VOSClim
  ◆ IMMT-2
  ◆ E-logbook can be collected by e-mail in addition to postal mail with FD

◆ OBSJMA for WIN ver. 1.0 was distributed to 850 Japanese VOSs in 2002
Modified version (ver 1.01) has been distributed in May 2004.

- Small problems were found and fixed
  - In some cases, octant of the globe is recorded wrongly
  - Sign of SST, and indicator for SST were can be recorded wrongly
- Data modification was made in collaboration with GCC

The latest version can be downloaded through the web site for Japanese VOS.

- At least 45 VOSs are using OBSJMA for WIN
- In 2003, about 10,000 observations were compiled into IMMT-2 e-logbook with the software