



July 7-10, 2004  
Gdynia, Poland  
ETMC-I

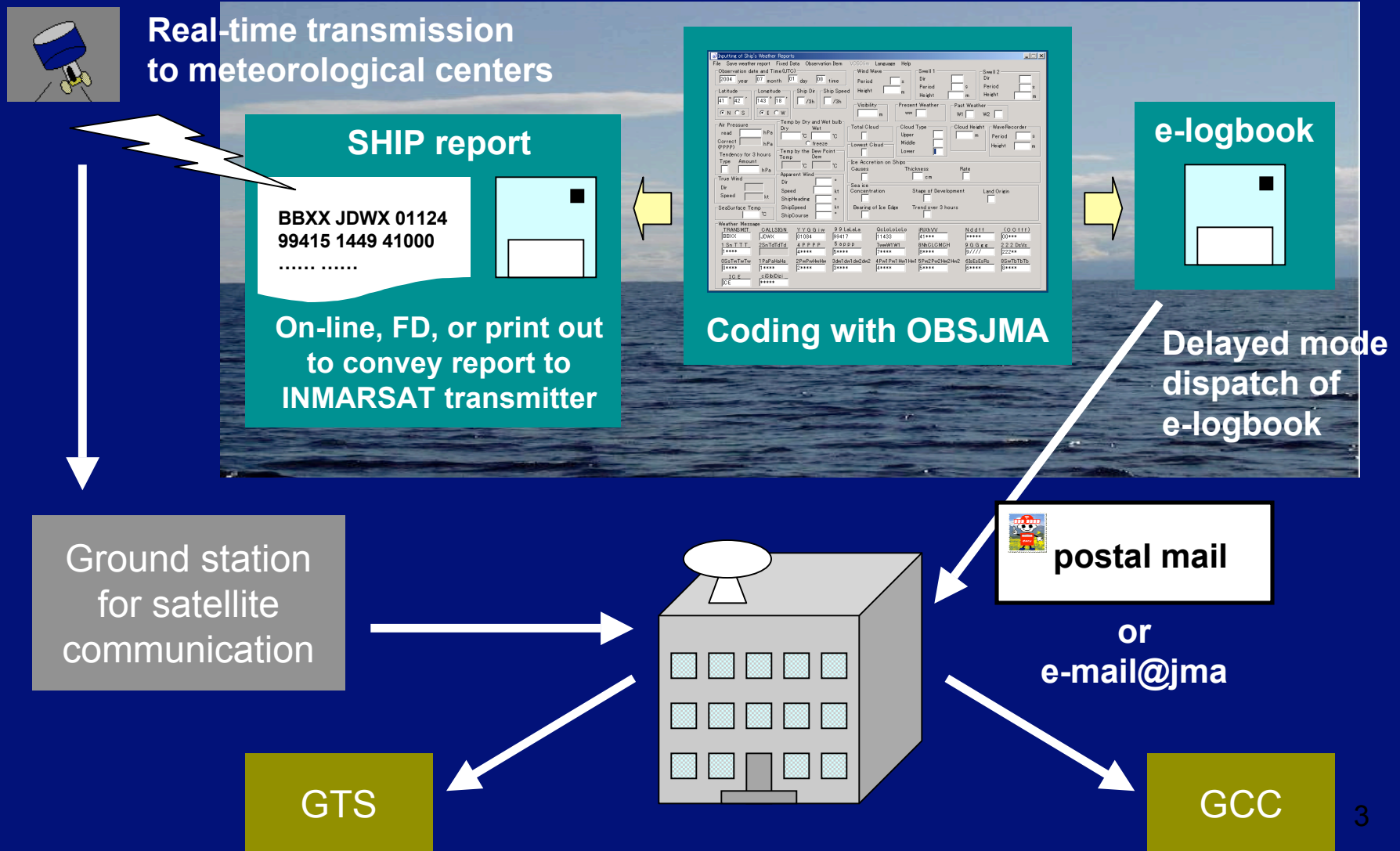
# Review of electronic logbook OBSJMA

Takashi Yoshida  
Japan Meteorological Agency

# 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



# 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

Inputting of Ship's Weather Reports

File Save weather report Fixed Data Observation Item WOSQlim Language Help

Type of Medium Cloud(Ac: Alto cumulus, As: Altostratus, Ns: Nimbostratus)



CM 1  
Semi transparent As.

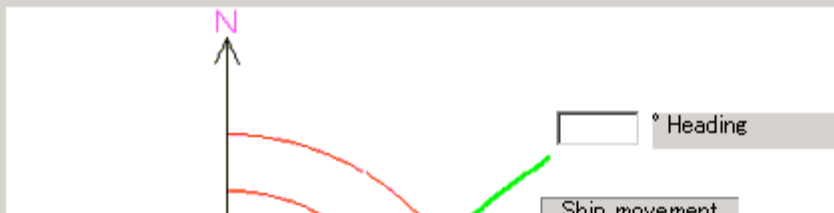


CM 4  
AC continually changing in appearance.



CM 7  
Ac with As or Ns, or Ac at two or more levels, or opaque Ac.

### Apparent Wind



OK

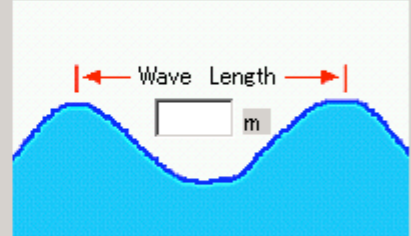
### Swell Wave

Swell Wave Observation  
 Two or More Swell  
 One Swell Wave  
 No Swell Wave  
 Not observed

SwellWave 1  
Direction: [dropdown]  
Period (s): [dropdown]  
Height (m): [dropdown]  
 Direction is unknown  
 Period is unknown  
 Height is unknown

SwellWave 2  
Direction: [dropdown]  
Period (s): [dropdown]  
Height (m): [dropdown]  
 Direction is unknown  
 Period is unknown  
 Height is unknown

Period is Calculated From Wave Length



Swell Wave Direction



OK

Cancel

Help

- ◆ 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