

■ Notes ■

■ Item 4 Route cruising areas

Indicate the navigation area, port of call or route where the ship generally operates.

■ Item 7 Vessel type

For ore or coal carriers, select "3. Other bulk carrier".

For car carriers, select "5. Ro/Ro container (PCC)".

■ Item 13 Method of obtaining sea surface temperature

Skip this item if a hull contact sensor or through-hull sensor is used.

(Fill in item 17 Depth of thermometer used to measure sea surface temperature from maximum load line.)

■ Item 14 Various onboard instruments

If a propeller vane anemometer is used, select "6. Wind vane and anemometer".

■ Item 17 Depth of thermometer used to measure sea surface temperature from maximum load line

Skip this if "1" in Item 13 was completed.

For "2" in Item 13, indicate the depth of the intake of seawater from the maximum load line.

For "3" in Item 13, indicate the depth of the thermometer from the maximum load line.

Marine meteorological reports are extremely valuable in the provision of meteorological information by National Weather Services. In this regard, operators are encouraged to make observations and register their vessels as World Meteorological Organization (WMO) Voluntary Observing Ships (VOSs). To register, place a cross in the last item (#19) of this report.

VOSs are classified in one of three ways:

- a) **Selected Ship:** A vessel that is equipped with sufficient meteorological observation equipment and transmits the required observational data in the appropriate code form (air temperature, humidity, air pressure, wind speed/direction, cloud, ship speed/direction, sea surface temperature, waves, visibility and weather)
- b) **Supplementary Ship:** A vessel that is equipped with a limited number of meteorological observation equipment and transmits the required observational data in an abbreviated code form (air temperature, air pressure, wind speed/direction, cloud, visibility and weather)
- c) **Auxiliary Ship:** A vessel that is generally not equipped with meteorological observation equipment and transmits weather reports in a reduced code form (air temperature, air pressure, wind speed/direction, cloud, visibility and weather), either routinely or upon request, in certain areas or under certain conditions.

Most of the candidate vessels in this case would be categorized as Selected Ships because they are equipped with sufficient meteorological observation equipment. Registration does not require payment or involve the assumption of additional observation work. Accordingly, registration as a Selected Ship is strongly advised, especially for those regularly making observations and transmitting weather reports. Ships not engaging in observation should not register as VOSs.

Report on meteorological observations/reporting facilities
in compliance with Article 50 of the Meteorological
Service Implementation Regulation

(The Japan Meteorological Agency)

1. Name of Ship _____
2. Call Sign _____
3. Vessel dimension
Gross tonnage _____ (tons)
Length over all _____ (meters, to the first decimal place)
Breadth _____ (meters, to the first decimal place)
Free-Board _____ (meters, to the first decimal place)
4. Route cruising areas _____
5. Navigation area (Please mark with X)
() 1. Ocean going () 2. Coasting
6. International Cruise (Please mark with X)
() 1. Yes () 2. No
7. Vessel type (Please mark with X)
() 1. Oil tanker () 8. Other fishing vessel
() 2. LNG/LPG tanker () 9. Ferryboat
() 3. Other bulk carrier () 10. Other passenger boat
() 4. Closed container () 11. Research vessel
() 5. Ro/Ro container (PCC) () 12. Other (Please specify) _____
() 6. Other cargo
() 7. Trawler
8. Type of barometer (Please mark with X)
() 1. Aneroid barometer
() 2-a Barograph with seven day clock
() 2-b Barograph with one day clock
() 3. Electronic barometer
() 4. Other (Please specify) _____
9. Type of thermometer (Please mark with X)
() 1. Mercury thermometer
() 2. Electric (resistance) thermometer
() 3. Alcohol thermometer
() 4. Other (Please specify) _____
10. Condition of exposure of the thermometer (Please mark with X)
() 1. Screen (ventilated) () 5. Aspirated
() 2. Screen (not ventilated) () 6. Other (Please specify) _____
() 3. Sling
() 4. Whirling
11. Type of hygrometer (Please mark with X)
() 1. Hair hygrometer () 4. Electric hygrometer
() 2. Psychrometer (Wet and dry bulb) () 5. Other (Please specify) _____
() 3. Dew-point hygrometer

12. Condition of exposure of the hygrometer (Please mark with X)

- | | | | |
|-----|----------------------------|-------|---------------------------|
| () | 1. Screen (ventilated) | () | 5. Aspirated |
| () | 2. Screen (not ventilated) | () | 6. Other (Please specify) |
| () | 3. Sling | _____ | |
| () | 4. Whirling | | |

13. Method of obtaining sea surface temperature (Please mark with X)

- () 1. Bucket thermometer
() 2. Thermometer in inlet of engine cooling system
() 3. Bait tanks thermometer

14. Various onboard instruments (Please mark with X)

- () 1. Maximum thermometer
() 2. Minimum thermometer
() 3. Electric thermometer for sea surface temperature
() 4. Handheld anemometer
() 5. Cup anemometer
() 6. Wind vane and anemometer
() 7. Wind vane
() 8. Other (Please specify)

15. Height of barometer, measured from **maximum load line** _____(meters, to the first decimal place)

16. Height of anemometer, measured from **maximum load line** _____(meters, to the first decimal place)

17. Depth of thermometer used to measure sea surface temperature from **maximum load line** _____(meters, to the first decimal place)

(applicable for 2 or 3 on item 13)

18. Telecommunication facilities (Please mark with X)

- () 1. Radio telephone
() 2. Direct printing radio-telegraphy (NBDP)
() 3. INMARSAT-C communication facility
() 4. Other INMARSAT-communication facility
() 5. ARGOS communication facility
() 6. Environmental/meteorological satellite communication facility (DCP)
() 7. Other including MF/HF radio-telegraphy (Please specify)

19. Could you register your vessel as an international Voluntary Observing Ship? (Please mark with X)

- | | | | | |
|-----|--------|----|-----------------------|-----|
| () | 1. Yes | as | a. Selected Ship | () |
| | | | b. Supplementary Ship | () |
| | | | c. Auxiliary Ship | () |
| () | 2. No | | | |

Date _____

Name of Recruiting Company (Ship Company) _____

Please return to:

Atmospheric Environment and Ocean Division, Atmosphere and Ocean Department
Japan Meteorological Agency
3-6-9 Toranomon, Minato City, Tokyo 105-8431, JAPAN
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