

THE SHIP ROUTING SYSTEM OF THE LAOTIE SHAN CHANNEL

(Reference charts: Chinese Charts 11910, 10011, 11010, 11300, 10116 and 10112.)

1. THE SEPARATION ZONE

1.1 The separation zone, 9 nautical miles long, 1 nautical miles wide, is centered upon the line connecting the following geographical positions:

1.1.1 $38^{\circ}34'.30\text{N } 120^{\circ}55'.90\text{E}$

1.1.2 $38^{\circ}29'.80\text{N } 121^{\circ}05'.90\text{E}$

2. THE TRAFFIC SEPARATION SCHEME

2.1 The north limit of the traffic separation scheme is the line connecting the following geographical positions:

2.1.1 $38^{\circ}36'.70\text{N } 120^{\circ}57'.60\text{E}$

2.1.2 38°32'.20N 121°07'.60E

2.2 The south limit of the traffic separation scheme is the line connecting the following geographical positions:

2.2.1 38°31'.90N 120°54'.10E

2.2.2 38°27'.50N 121°04'.10E

2.3 The traffic lane for westbound traffic, 9 miles long, 2.25 miles wide, is established between the separation zone and the north limit of the traffic separation scheme.

The main traffic direction is 300°(T).

2.4 The traffic lane for eastbound traffic, 9 miles long, 2.25 miles wide, is established between the separation zone and the south limit of the traffic separation scheme.

The main traffic direction is 120°(T).

3. THE PRECAUTIONARY AREA

The precautionary area is the area with the geographical position 38°36'.40N / 120°51'.30E as center and 5 miles in radius.

4. SPECIAL REGULATIONS

4.1 A vessel using the Ship Routing System of the Laotieshan Channel should comply with this Ship Routing System.

4.2 A vessel using the Ship Routing System of the Laotieshan Channel should comply with the regulations on the Part B, Rule 10 of the INTERNATIONAL REGULATIONS FOR PREVENTING COLLISIONS AT SEA, 1972.

4.3 A vessel using the Ship Routing System of the Laotieshan Channel shall keep watch on ch 10 and/or ch 16, and comply with the Regulations of The Supervision and Management on The Vessel Traffic Management System Safety of The Dalian Maritime Safety Administration of The People's Republic of China.

4.4 A vessel using the Ship Routing System of the Laotieshan Channel

shall not cross the traffic lane, but if obliged to do so shall report to the Dalian VTS in advance, then does the crossing after permission.

4.5 A vessel proceeding into and out of the precautionary area and in the precautionary area shall navigate with particular caution and shall use good seamanship.

4.6 A vessel , as well as the relevant crews , violating these Regulations shall be punished by the competent authority in accordance with relevant laws and regulations.

THE SHIP REPORTING SYSTEM OF THE LAOTIE SHAN CHANNEL

1. CATEGORIES OF SHIPS REQUIRED TO PARTICIPATE IN THE SYSTEM

Any vessels fitting for using the Ship Routing System of the Laotieshan Channel and in comply with the following conditions:

1.1 Passenger ship;

1.2 Other ships of 300 gross tonnage and above;

1.3 Ships under 300 gross tonnage and voluntarily using this Reporting System.

2. GEOGRAPHICAL COVERAGE OF THE SYSTEM AND THE NUMBERS AND EDITIONS OF THE REFERENCE CHARTS USED FOR THE DELINEATION OF THE SYSTEM

2.1 The waters covered by the Ship Reporting System is the water area with the Laotieshan Lighthouse (38°43'37"N , 121°08'02"E) as center and 20 miles in radius.

2.2 The relevant charts are Chinese charts No 11910,10011,11010,11300,10116,and 10112.

3. FORMAT, CONTENT AND REQUIREMENT FOR SUBMITTING REPORTS

3.1 Format

The format for reporting is as set forth in Paragraph 2 of the Appendix to Assembly resolution A.851 (20).IMO.

3.2 Content

A. Name of ship, call sign and IMO number (if applicable)

C. Or D. Position (latitude and longitude or in relation to a landmark)

E. Course

F. Speed

G. Port of departure

I. Port of destination

O. Defects and limitation (vessels towing are to report length of tow and name of object in tow)

U. Overall length and gross tonnage

3.3 Requirement

3.3.1 Participating vessels are to report the vessel nationality and type to the Dalian VTS in addition to the information required in paragraph 3.2.

3.3.2 when a participating vessel leaves the reporting water area, it shall report ship's name.

3.3.3 When being involved in any traffic incident or a pollution incident

within the reporting area, the vessel(s) shall immediately report the type, time, and location of the incident, extent of damage or pollution, and whether assistance is needed. The vessel(s) shall provide any additional information related to the incident, as required by the competent authority.

4. AUTHORITIES AND REPORT-RECEIVED AUTHORITY

4.1 The competent authority is Liaoning Maritime Safety Administration, China.

4.2 The Report-received authority is Dalian VTS.

5. INFORMATION TO BE PROVIDED TO SHIPS

The Dalian VTS, where appropriate, will provide participating vessels with information such as vessel traffic, abnormal weather conditions, and maritime safety information.

6. THE WORKING CHANNEL AND LANGUAGE REQUIRED BY THE REPORTING SYSTEM

6.1 The working channel of the Dalian VTS is VHF 10.

6.2 The language used for reports in the system will be Mandarin and English, Marine Communication Phrases in a prescribed format will be used in radiotelephony communications.

7. SHORE-BASED FACILITIES TO SUPPORT OPERATION OF THE SYSTEM

7.1 Dalian VTS Center is comprised of radar, VHF communication, information processing and display, information transmission, recording, replay, and meteorological sensors. Its functions are data collection, evaluation and processing of information, information provision, traffic organization, navigation assistance, and support to allied services.

7.2 Dalian VTS maintains a continuous 24 hours watch.

8. SPECIAL REGULATIONS

8.1 A vessel using the Ship Routing System of the Laotieshan Channel shall keep watch on ch 10 and/or ch 16, and comply with the Regulations of The Supervision and Management on The Vessel Traffic Management System Safety of The Dalian Maritime Safety Administration of The

People's Republic of China.

8.2 A vessel using the ship Routing System of the Laotieshan Channel shall so far as practicable avoid crossing the traffic lane, but if obliged to do so shall report to the DaLian VTS in advance, then does the crossing after permission.

8.3 Any vessels disobeying this Reporting System shall be punished by the competent authority in accordance with relevant laws and regulations.