



**Circular No.: SPI230401**

**Date: 19 April, 2023**

**Subject: Shandong MSA published the revised Rules for Supervision and Administration of Vessel Traffic Management System at Rizhao port, China**

Dear Sirs / Madams,

Please be kindly advised that, Shandong Maritime Safety Administration recently published the revised "Rules for Supervision and Administration of Vessel Traffic Management System in Rizhao port" as well as the "Rizhao VTS Guide for users", which will come into force on 01 May, 2023. The implementation of the regulation will further ensure the safety of vessel navigation, improve the efficiency of vessel navigation in Rizhao Port waters. We hereby summarize the key points of the revised Rules that vessels need to be aware of for your reference:

**I. Scope of application:**

These Rules are applicable to vessels and facilities that are navigating, berthing and operating within the Vessel Traffic Management System area of Rizhao MSA, as well as the owners, operators, managers and personnel of the vessels.

**II. Applicable for:**

1. Foreign-flag vessels;
2. Chinese-flag vessels with a gross tonnage of 500 or above;
3. Passenger ships over 50m;
4. Vessels carrying dangerous cargo;
5. Vessels with limited maneuverability;
6. Vessels engaged in receiving pollutants such as oily sewage / sludge

**III. Competent authorities and regions:**

The Rizhao Maritime Safety Administration (MSA) is the competent authority for the implementation of these Rules.

The Vessel Traffic Management Center of Rizhao MSA shall specifically implement the vessel traffic management in the VTS area and provide vessel traffic services in accordance with these Rules.

Rizhao VTS Center has two VTS management service areas, namely Management and



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Service Area of Rizhao Port and Management and Service Area of Lanshan Port.

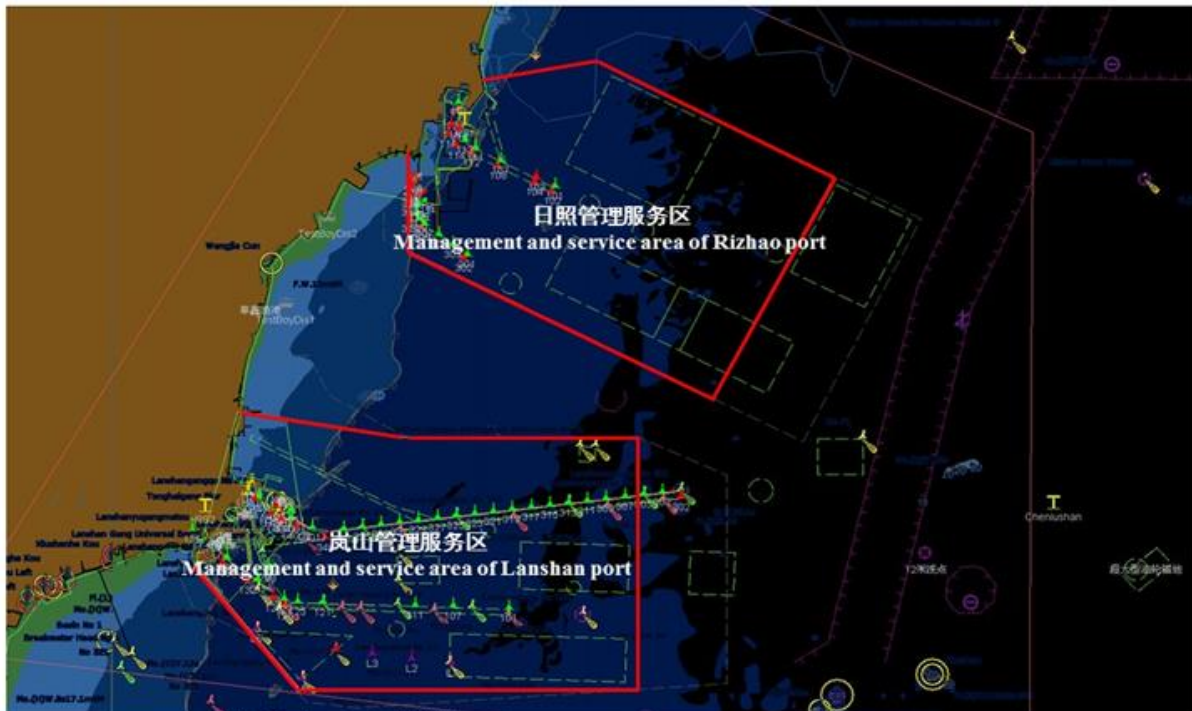
Management and Service Area of Rizhao Port: the water area within the following six points connected to each other.

- A: 35° 22' .9N 119° 33' .7E
- B: 35° 23' .7N 119° 38' .8E
- C: 35° 19' .0N 119° 49' .0E
- D: 35° 10' .7N 119° 43' .7E
- E: 35° 16' .4N 119° 30' .5E
- F: 35° 20' .3N 119° 30' .5E

Management and Service Area of Lanshan Port: the water area within the following eight points connected to each other.

- A: 35° 13' .0N 119° 23' .3E
- B: 35° 13' .0N 119° 26' .2E
- C: 35° 11' .1N 119° 27' .0E
- D: 35° 09' .5N 119° 30' .4E;
- E: 35° 09' .5N 119° 40' .6E;
- F: 35° 00' .0N 119° 40' .6E;
- G: 35° 00' .0N 119° 25' .7E;
- H: 35° 04' .7N 119° 21' .1E。

日照和岚山管理服务区  
Management and service areas of Rizhao port and Lanshan port



本图不可用于航海 NOT TO BE USED FOR NAVIGATION



**IV. Communication channel, language, time and on-duty**

1. Communication channel:

Vessels in the Management and Service Area of Rizhao Port shall call Rizhao VTS, channel: VHF CH14;

Vessels in Management and Service Area of Lanshan Port shall call Lanshan VTS, channel: VHF CH09.

2. Language for communications: Mandarin and English

3. Communication time: 00:00-24:00 every day (Beijing time)

4. On-Duty requirement:

During navigation, anchoring and operating of the vessel, the VHF radiotelephone working channel of VTS center shall be monitored to ensure smooth communication with the VTS center.

**V. Vessel report**

1. VTS reporting line

The Rizhao VTS reporting line is a line connecting the following six points:

- A: 35° 22' .9N 119° 33' .7E
- B: 35° 23' .7N 119° 38' .8E
- C: 35° 19' .0N 119° 49' .0E
- D: 35° 10' .7N 119° 43' .7E
- E: 35° 16' .4N 119° 30' .5E
- F: 35° 20' .3N 119° 30' .5E

The Lanshan VTS reporting line is a line connecting the following eight points:

- A: 35° 13' .0N 119° 23' .3E
- B: 35° 13' .0N 119° 26' .2E
- C: 35° 11' .1N 119° 27' .0E
- D: 35° 09' .5N 119° 30' .4E
- E: 35° 09' .5N 119° 40' .6E
- F: 35° 00' .0N 119° 40' .6E
- G: 35° 00' .0N 119° 25' .7E
- H: 35° 04' .7N 119° 21' .1E



2. Types of report (when to report)

Entry report: when the vessel enters the VTS reporting line

Arriving report: after the vessel arrives at berth or anchorage in the VTS area

Moving report: Before the vessel dropping/heaving up anchor and shifting

Departure report: prior to vessel's departure from berth or heaving up anchor at anchorage

Final report: when the vessel departing the reporting line

Activities report: when carrying out the operations (including Overhauling main engine, maintenance of important navigational equipment, testing main engine, ship trail, mooring side by side in anchorage, towing vessels engaged in mooring operation, disposal of pollutants such as oil sewage, and other operations that may affect navigation safety), the vessel and/or parties involved should report to VTS center before operation and upon completion of operation.

Emergency report: When vessel involved in or finding any traffic accident, pollution incident, engine damage, personnel casualties or any other emergent situation

Abnormal report: When finding abnormality of navigation aids, leading marks, obstacles, drifting objects or any other unusual circumstances impairing the safety of navigation

**VI. Rules of vessel route**

Vessels navigating, berthing and operating in the VTS area shall be subject to the traffic management of the VTS center.

1. Vessels are prohibited from anchoring in navigating channels, harbor basins and other anchoring-prohibited areas. In case of anchoring in emergency situation, vessel shall report to the VTS center immediately.

2. In VTS water area, the maximum speed of passenger ships shall not exceed 15 knots and that of other vessels shall not exceed 12 knots.

3. It is forbidden to carry out engine testing, sea trial, speed-test, compass calibration and other activities in navigating channel, anchorage, harbor basins and adjacent waters.

4. Without the permission of the VTS center, vessels are prohibited from overtaking or turning around in the harbor basin and navigating channel. Crossing channel and anchorage shall be avoided.



5. Vessels entering and leaving the harbor basins are prohibited from meeting at the breakwater entrance.

6. In case of any of the following circumstances, vessels are prohibited from entering or leaving the port or shifting berth:

- (1) Wind force scale 8 or above;
- (2) The visibility of the port area is less than 500m;
- (3) The sea wave in the port is 3 meters or above;
- (4) Other circumstances that seriously affect the navigation safety of vessels.

7. Inbound and outbound navigation of special vessels including VLCC and LNG carrier should meet the relevant safety conditions.

8. Vessels outside Rizhao VTS waters should also pay attention to receiving maritime safety information such as weather and sea condition, warning information, navigation warnings, navigation notice issued by maritime administrative authorities.

9. Vessels shall strictly carry out self-inspection before port arrival in accordance with the relevant requirements of Rizhao Maritime Safety Administration.

10. It is recommended that vessels use the published routes for entering and leaving Rizhao Port & Lanshan Port, and stay away from the anchoring area of vessels and the concentrated operation waters of fishing boats, so as to reduce the probability of encountering with other vessels and the risk of collision.

11. Vessels shall anchor in the anchorage announced by the maritime administrations, and shall not anchor in anchoring-prohibited waters such as offshore navigation routes, recommended shipping routes, waters where navigable vessels are densely packed, fishing production and operation areas, etc.

12. During the anchoring in the waters outside Rizhao Port, vessels shall abide by relevant navigation rules, display signals and hang signs in accordance with relevant regulations, maintain sufficient under keel clearance, and shall not endanger the safety of other ships and maritime facilities.

## **VII. Sensitive Navigable Water-Area**

### 1. Marine dumping area

The dumping area of Rizhao Port is within the following four points connected to each other:



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A: 35° 17' .00N, 119° 36' .10E  
B: 35° 17' .00N, 119° 36' .90E  
C: 35° 18' .27N, 119° 36' .10E  
D: 35° 18' .27N, 119° 36' .90E

Lanshan Port Dumping Area 1: the circle area with the center at 35°00'.00N, 119°24'.00E, and the radius of 1500m;

Lanshan Port Dumping Area 2: the circle area with the center at 35°11'.00N, 119°39'.38E and the radius of 1000m.

2. Aquaculture area

There are aquaculture areas in the water area of Rizhao Port, Lanshan Port and adjacent sea areas, and their locations may change at different seasons. At the same time, there are a large number of fishing boats exist in these areas.

We hope the above will be of some assistance. If you have any further queries, please feel free to contact with us.

**Attachment:** English translation of "RIZHAO VTS GUIDE FOR USERS"

Yours faithfully,

General Manager  
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**Shanghai | Guangzhou | Xiamen | Qingdao | Tianjin | Dalian | P&I Correspondents in China**

## Attachment

# RIZHAO VTS GUIDE FOR USERS

## 1 Summary

### 1.1 VTS Identifier

Rizhao VTS area consists of two sectors, Management and service area of Rizhao port, Management and service area of Lanshan port. Vessels in Rizhao port area should call Rizhao VTS and keep watch on VHF CH14; Vessels in Lanshan port area should call Lanshan VTS and keep watch on VHF CH09.

### 1.2 Applicable Vessels

- Foreign vessels
- Vessels registered in China of 500 GRT or more
- Passenger vessels of more than 50 meters
- Vessels carrying hazardous goods and engaging operations to receive oily sewage
- Vessels restricted in her ability to manoeuvre

### 1.3 Management and Service Area

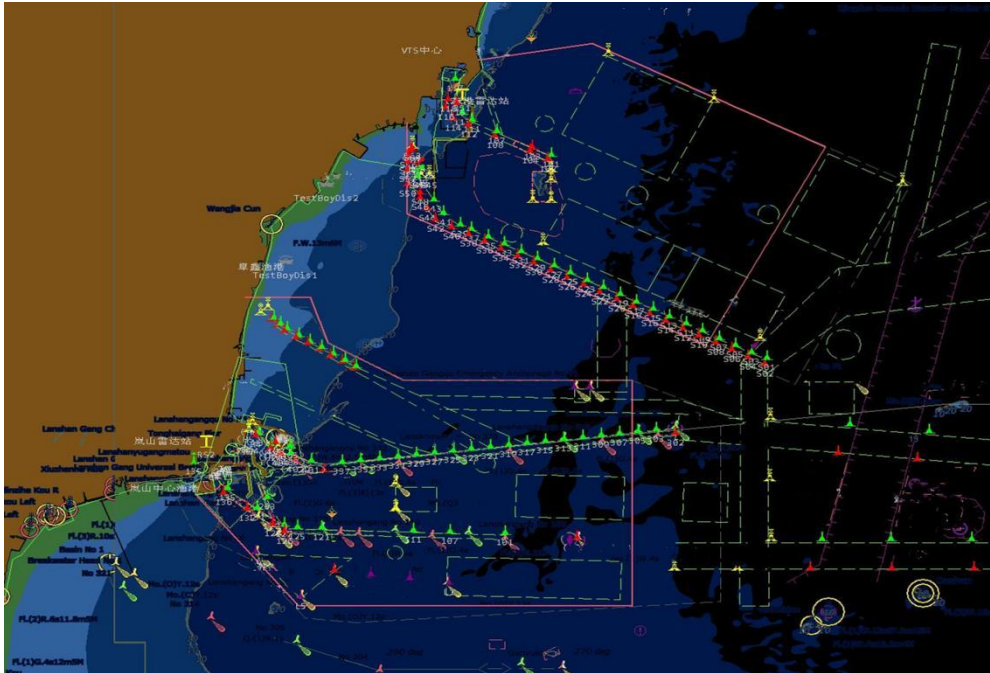
1.3.1 Management and Service Area of Rizhao Port: covering the waters surrounded by the coastline and joint lines connecting the following six points:

A: 35°22'.9N 119°33'.7E  
B: 35°23'.7N 119°38'.8E  
C: 35°19'.0N 119°49'.0E  
D: 35°10'.7N 119°43'.7E  
E: 35°16'.4N 119°30'.5E  
F: 35°20'.3N 119°30'.5E

1.3.2 Management and Service Area of Lanshan Port: covering the waters surrounded by the coastline and joint lines connecting the following eight points:

A: 35°13'.0N 119°23'.3E  
B: 35°13'.0N 119°26'.2E  
C: 35°11'.1N 119°27'.0E  
D: 35°09'.5N 119°30'.4E;  
E: 35°09'.5N 119°40'.6E;  
F: 35°00'.0N 119°40'.6E;

G: 35°00'.0N 119°25'.7E;  
H: 35°04'.7N 119°21'.1E。



Management and service areas of Rizhao port and Lanshan port (Not to be used for navigation)

#### 1.4 Radar Blind Area

Radar blind areas exist in the VTS area, including but not limited to dock basin waters and the waters of quayside. In the radar blind area, VTS center just provides information service on request and vessels should navigate with caution.

1.5 Working Language: Chinese and/or English

1.6 Working Time: 0000--2400(Beijing time)

## 2 Report

### 2.1 Reporting Line

#### 2.1.1 Rizhao VTS Reporting Line:

The joint line connecting the following points:

A: 35°22'.9N 119°33'.7E

B: 35°23'.7N 119°38'.8E

C: 35°19'.0N 119°49'.0E

D: 35°10'.7N 119°43'.7E

E: 35°16'.4N 119°30'.5E



F: 35°20'.3N 119°30'.5E

### 2.1.2 Lanshan VTS Reporting Line:

The joint line connecting the following points:

A: 35° 13' .0N 119° 23' .3E

B: 35° 13' .0N 119° 26' .2E

C: 35° 11' .1N 119° 27' .0E

D: 35° 09' .5N 119° 30' .4E

E: 35° 09' .5N 119° 40' .6E

F: 35° 00' .0N 119° 40' .6E

G: 35° 00' .0N 119° 25' .7E

H: 35° 04' .7N 119° 21' .1E

## 2.2 Types of Report

### 2.2.1 Entry Report

WHEN or POSITION: Arriving at Rizhao port VTS reporting line and Lanshan port VTS reporting line

TO: Rizhao VTS, VHF14; Lanshan VTS, VHF09

GIVING: Ship's name, position, draught, purpose of entry and other required information

### 2.2.2 Arriving Report

WHEN or POSITION: After berthing or anchoring

TO: Rizhao VTS, VHF14; Lanshan VTS, VHF09

GIVING: Ship's name, berth or anchoring position, finishing time

### 2.2.3 Moving Report

WHEN or POSITION: Before dropping/heaving up anchor and shifting

TO: Rizhao VTS, VHF14; Lanshan VTS, VHF09

GIVING: Ship's name, berth number or anchorage

### 2.2.4 Departure Report

WHEN or POSITION: Before departure from berth or heaving up anchor

TO: Rizhao VTS, VHF14; Lanshan VTS, VHF09

GIVING: Ship's name, departure position

### 2.2.5 Final Report

WHEN or POSITION: Departing the report line

TO: Rizhao VTS, VHF14; Lanshan VTS, VHF09

GIVING: Ship's name, position

### 2.2.6 Activities Report

WHEN or POSITION: When carrying out the following operations, before operation and after the end of operation, ship and/or person involved should report to VTS center.

- Overhauling main engine, maintenance of steering gear, windlass, boiler and other important navigational equipments
- Testing main engine, ship trail
- Mooring side by side in anchorage
- Towing vessels engaged in mooring operation
- Engaged in oil sewage and other pollutants disposal operations
- Other operations impairing the safety of navigation

TO: Rizhao VTS, VHF14; Lanshan VTS, VHF09

GIVING: Ship's name, position, contents of activities and other information required by the VTS

### 2.2.7 Emergency Report

WHEN or POSITION: When involved in or finding any traffic accident, pollution incident, engine damage, injury of persons or any other emergent situation

VIA: by all effective means.

GIVING: Ship's name, position, type of emergencies and other information required by the VTS

### 2.2.8 Abnormal Report

WHEN or POSITION: When finding abnormality of navigation aids, leading marks, obstacles, drifting objects or any other unusual circumstances impairing the safety of navigation

VIA: by all effective means.

GIVING: Ship's name, position, the abnormal circumstances and other information required by the VTS

## 3 Pilotage

### 3.1 Pilot Report

WHEN or POSITION: after pilot embarking or before disembarking

TO: Rizhao VTS, VHF14; Lanshan VTS, VHF09

GIVING: ship's name, time, position, pilot's name or ID number and the ship's movements.

### 3.2 Pilotage Compulsory

Following vessels must apply to Rizhao Pilot Station for pilotage when navigating or shifting berth within Rizhao Port waters:

- Foreign vessels;
- Other Chinese vessels that shall request pilotage according to national regulations.

### 3.3 Pilot Boarding Area

Pilots should board (disembark) at the specified water areas.

#### 3.3.1 Rizhao Port Pilot Boarding Area

Area 1: the water area with  $35^{\circ}18'.28\text{N}$  /  $119^{\circ}38'.48\text{E}$  as the center and 750m as the radius(vessel's draft less than 16m).

Area 2: the water area with  $35^{\circ}17'.30\text{N}/119^{\circ}40'.82\text{E}$  as the center and 750m as the radius(vessel's draft 16m or more, and less than 19.5m);

Area 3: the water area with  $35^{\circ}16'.48\text{N}/119^{\circ}46'.68\text{E}$  as the center and 750m as the radius(vessel's draft 19.5m or more).

Area 4: the water area with  $35^{\circ}15'.50\text{N}/119^{\circ}35'.00\text{E}$  as the center and 500m as the radius(vessel's draft 14m or less than 14m,and L.O.A.250m or less than 250m ).

Area 5: the water area with  $35^{\circ} 12' .15\text{N}$   $119^{\circ} 43' .10\text{E}$  as the center and 500m as the radius(vessel's draft 17.5m or less than 17.5m,and L.O.A.312m or less than 312m ).

Area 6: the water area with  $35^{\circ} 11' .00\text{N}$   $119^{\circ} 50' .00\text{E}$  as the center and 1000m as the radius(vessel's draft more than 17.5m).

Area 6: the water area with  $35^{\circ} 11' .00\text{N}$   $119^{\circ} 50' .00\text{E}$  as the center and 1000m as the radius(vessel's draft more than 17.5m).

Coal terminal area:the water area with  $35^{\circ} 20' .30\text{N}$   $119^{\circ} 36' .70\text{E}$ as the center and 500m as the radius(Coal terminals only).

#### 3.3.2 Lanshan Port Pilot Boarding Area

South area 1: the water area with  $35^{\circ}02'.25\text{N}/119^{\circ}30'.00\text{E}$  as the center and 500m as the radius(vessel's draft less than 14m and L.O.A. less than 250m);

South area 2: the water area with  $35^{\circ}03'.80\text{N}/119^{\circ}37'.77\text{E}$  as the center and 500m as the radius(vessel's draft 14m or more and L.O.A. 250m or more);

Middle area 1: the water area with  $35^{\circ}04'.50\text{N}/120^{\circ}02'.50\text{E}$  as the center and 1500m as the radius(VLCC only, vessel's draft more than 20.5m);

Middle area 2: the water area with  $35^{\circ}07'.50\text{N}/119^{\circ}46'.00\text{E}$  as the center and 1000m as the radius (vessel's draft 15m or more, and 20.5m or less , L.O.A 300m or more).

Middle area 3: the water area with  $35^{\circ}06'.00\text{N}/119^{\circ}34'.00\text{E}$  as the center and 1000m as the radius(vessel's draft less than 15m and L.O.A. less than 250m);

## 4 Sensitive Navigable Area

### 4.1 Dumping Area

4.1.1 The dumping area of Rizhao Port: within the joint line connecting the following four points

- A: 35°17'.00N, 119°36'.10E
- B: 35°17'.00N, 119°36'.90E
- C: 35°18'.27N, 119°36'.10E
- D: 35°18'.27N, 119°36'.90E

#### 4.1.2 The dumping area of Lanshan Port :

dumping area 1 : the circle area with the center at 35°00'.00N, 119°24'.00E, and the radius of 1500m;

dumping area 2: the circle area with the center at 35°11'.00N, 119°39'.38E and the radius of 1000m.

#### 4.2 Cultivation Area

Cultivation area exists in the water area of Rizhao Port, Lanshan Port and adjacent waters, the location of which may change at different season. Meanwhile, many fishing vessels exist in these areas.

### 5 Service Provided

- Meteorology information
- Navigational warning (notice) to mariners
- Traffic information (on request)
- Traffic organization
- Navigation assistance (on request)

### 6 Other Information

#### 6.1 Route Regulations

- Anchoring in the channel, basin or the other forbidden anchor area are prohibited. If anchoring in emergency situation, shall report to VTS Center at once.
- In the VTS area, all vessels shall proceed with the speed not exceeding 12 knots, except for the passenger vessel, the speed of which should not exceed 15 knots.
- Testing main engine, sea trial, speed-test, calibrating magnetic compass are prohibited in the channel, anchorage, basin and adjacent waters.
- Without approval, overtaking and U-turn are prohibited in the basin and in the channel. Crossing channel and anchorage shall be avoided.

- Vessels entering or leaving the basin are prohibited from meeting at the entrance of the breakwater.
- Vessels are prohibited to enter or leave the port or shift berth in one of the following circumstances:
  - a) Wind force scale 8 or above;
  - b) The visibility is less than 500 meters;
  - c) Sea wave 3 meters or above;
  - d) Other circumstances that affects vessels' safety navigation seriously.
- Inbound and outbound special vessels including VLCC and LNG carrier should meet the relevant safety conditions.
- Ships outside Rizhao VTS waters should also pay attention to receiving maritime safety information such as weather and sea state information, warning information, navigation warning, navigation notice and other maritime safety information issued by maritime administrative authorities.
- Ships shall strictly carry out self-inspection before arrival in accordance with the relevant requirements of Rizhao Maritime Safety Administration.
- It is recommended that ships use the published recommended route in and out of Rizhao Port and Lanshan Port, far away from the anchorage area of ships and the concentrated operation waters of fishing boats, so as to reduce the probability of meeting other ships and the risk of collision.
- A ship shall anchor in the anchorage (anchorage) announced by the maritime administrative authority, and shall not anchor in offshore navigation routes, recommended shipping routes, waters where navigable vessels are densely packed, fishery production and operation areas, and other waters where anchorage is prohibited.
- During anchoring in waters outside Rizhao Port, ships shall abide by relevant navigation rules, display signals and hang signs in accordance with relevant regulations, maintain sufficient water depth, and shall not endanger the safety of other ships and maritime facilities.

Attention: In cases of special or emergency situation, approval should be obtained from VTS center before the vessel deviate from the above regulations.

## 6.2 Responsibility

Under any circumstances, all of the service, information, advices, warnings provided by Rizhao VTS are only reference for masters and pilots.

Under any circumstances, Rizhao VTS operations do not exempt masters and pilots from the responsibility of safe navigation and do not disturb the traditional relationship between them.

### 6.3 The main technical equipment and functions of Rizhao VTS system

- Rader Surveillance System: Effective range of 16 nautical miles with tracking and replay functions.
- Ship Data Processing System: 5000 ships' data processing capacity.
- VHF Communication System: Effective range of 24 nautical miles with voice recording function.
- Automatic Identification System (AIS) : Effective range of 24 nautical miles with the functions of ships' identify and transmitting/receiving messages.
- CCTV Surveillance System: Assistant video surveillance of the vessels movements.

### 7 Information Inquiry

Add: Beijing Road, Rizhao, Shandong Province, P. R. China

Rizhao MSA, Rizhao VTS center

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