

Foreward

Jiangsu VTS user manual is issued by Jiangsu MSA which is based on regulations and laws such as safety administration code of Vessel traffic service of PRC, safety administration code of Vessel traffic service of Jiangsu maritime safety administration. This manual is intended to secure shipping safety, improve traffic efficiency, protect water environment and improve communication and cooperation between VTS centers and users by providing users of Jiangsu VTS with information of Jiangsu VTS system, administrative requirements and service within Jiangsu VTS area and navigation circumstance necessary for users.

JiangSu VTS User Manual

Description of Jiangsu VTS

Jiangsu VTS is consist of one coastal VTS Lianyungang VTS center and six VTS centers alongside Jiangsu section of Yangtze river which are Nanjing, Zhenjiang, Taizhou, Jiangyin, Zhangjiagang and Nantong.

1. System performance

Performance of Coastal Lianyungang VTS:

1) Radar Surveillance System: 24 miles coverage area, with function of tracking target automatically and replay.

2) Data-processing system: capable of processing data up to one hundred thousand vessels.

3) VHF radio system: 25 miles coverage area, with function of multi-channel record.

4) Automatic Identification System: 30 miles coverage area, with function of identifying and locating vessels automatically.

5) CCTV monitoring system: as an auxiliary way to monitor ship movements.

6) Meteorological system: to observe real-time meteorological data under all weather conditions.

Performance of Jiangsu section of Yangtze River VTS which is comprised of twenty-three radar stations.

1) Radar Surveillance System: 12 miles coverage area, with function of tracking target automatically.

2) Data-processing system: capable of processing data up to one hundred thousand vessels.

3) VHF radio system: 20 miles coverage area, with function of multi-channel record.

4) Automatic Identification System: 20 miles coverage area, with function of identifying and locating vessels automatically.

5) CCTV monitoring system: to assist radar system with monitoring ship

movements/ as an auxiliary way to monitor ship movements.

6) Meteorological system: to observe real-time meteorological data under all weather conditions.

2. Service Target

Vessels which are required to participate in VTS by maritime safty administration agency and to carry ship communication equipments in line with referred international conventions and national regulations.

	Category One	Category Two
Coastal waterway	All foreign ships and Chinese ships of 300gross tonnage and upwards	
Jiangsu section of YangtzeRiver	1)Ships of international voyage; 2) Passenger ships ;3)All ships of 1000 gross tonnage and upwards on national coastal voyage and carrying hazardous goods ;4)All other inland waterway ships of 1600 gross tonnage and upwards or all inland waterways towing fleets with engine power of 1500kw and upwards (harbor tugs exemption).	All other ships not involved in Category One

3. Jiangsu VTS Area

1) Lianyungang VTS area defined: refer to Lianyungang VTS user manual.

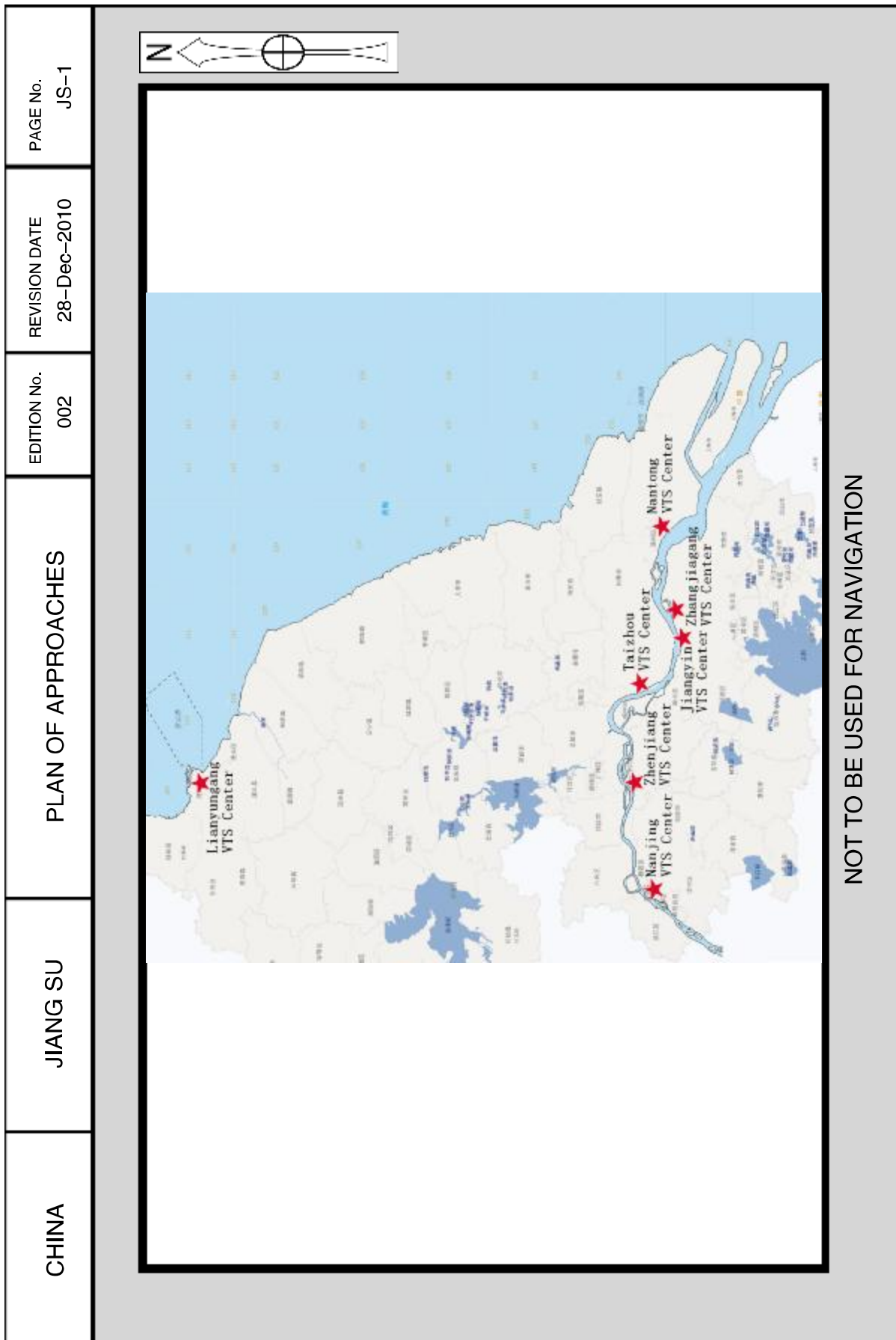
2) Jiangsu section of Yangtze River VTS area defined: water area starting from connecting line between Cihu estuary and Wujiang estuary extending downwards to connecting line between Liuheiwu and Shiqiao estuary beacon(from buoy No.1 to buoy No.158).

4. Working Language: Mandarin or English

5. Working Time: 0000-2400hrs

6. Legislative Basis

The Legislative basis for Jiangsu VTS are Maritime Traffic Safety Law of the People's Republic of China, regulations of PRC concerning the administration of traffic safety on inland waters, safety administration code of vessel traffic service of PRC, the provisions of ship's routing system at Jiangsu section of Yangtze River, safety administration code of vessel traffic service of Jiangsu maritime safety administration, maritime safety administration code of Lianyungang.



CHINA	JIANG SU	PLAN OF APPROACHES	EDITION No. 002	REVISION DATE 28-Dec-2010	PAGE No. JS-2
Ship reporting					
Report categories	Content of report				
Position report is required when vessels transiting through regulated reporting line	Position report: ship's name (call sign), nationality, registry port (only for Chinese vessels), length, gross tonnages, draft, carriage condition, departure port or last port /next port of call and other information enquired by VTS center. Ships equipped with AIS shall only report ship's name (call sign) and nationality if AIS always operates in order and is updated timely and accurately.				
Ship movement report is required when vessels transiting through regulated position check point.	Report at position check point: ship's name, position, course etc.				
Ship movement report: 1) Berthing or leaving berth. 2) Dropping or anchoring.	Dropping and anchoring report: Report after dropping anchor: ship's name, anchorage. Report before anchoring: ship's name, position, course. Berthing and leaving report: Before berthing (buoys): ship's name, berth/buoy's name. Before leaving berth: ship's name, berth/buoy's name, course.				
Special report 1) Ship movement report is required before and after ship transiting through one-way restricted channel. 2) Deviation report is required when masters or pilots deviate referred navigation regulations in case of emergency endangering lives and properties or environment. 3) Distress report is required when any traffic accident, pollution incident, loss of propulsion, or people in distress happened or observed. 4) Abnormal situation report is required when abnormality of aids to navigation, obstruction against navigation safety and any circumstances obstructing navigational safety observed.	One-way traffic control waterway report: ship's name, position. Deviation report: ship's name, position, reason of deviation. Distress report: ship's name, position and description of distress circumstance. Abnormal situation report: ship's name, abnormal situation observed.				
Ps: Special report are applied to ships in category one and two; other report categories are only applied to ships in category one.					

CHINA	JIANG SU	PLAN OF APPROACHES	EDITION No. 002	REVISION DATE 28-Dec-2010	PAGE No. JS-3				
<p>Vessel traffic service</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th data-bbox="454 1209 502 1948" style="width: 50%; text-align: center;">VHF working channel</th> <th data-bbox="454 369 502 1209" style="width: 50%; text-align: center;">Traffic service</th> </tr> </thead> <tbody> <tr> <td data-bbox="502 1209 1236 1948"> <p>1. VHF radio channel 16 is used for bridge to bridge communication and emergency communication at coastal water area. Lianyungang VTS center could be contacted on channel 09.</p> <p>2. VHF channel 06 is used for bridge to bridge communication and channel 09 is used for public information and listening watch channel when ships sailing at Jiangsu section of Yangtze River. Followed by working channel of different VTS.</p> <p>Nanjing VTS center could be contacted on channel 11 (waterarea above Nanjing Yangtze River bridge) or channel 10(downwards of Nanjing Yangtze River bridge).</p> <p>Zhenjiang VTS center could be contacted on channel 09 or 10.</p> <p>Taizhou VTS center could be contacted on channel 09.</p> <p>Jiangyin VTS center could be contacted on channel 09.</p> <p>Zhangjiagang VTS center could be contacted on channel 10.</p> <p>Nantong VTS center could be contacted on channel 10 (below Sutong Yangtze River bridge) or channel 11 (above Sutong Yangtze River bridge)</p> </td> <td data-bbox="502 369 1236 1209"> <p>Followed traffic service provided by Jiangsu VTS</p> <p>1. Information broadcasting.</p> <p>Information referred to navigation safety of ships in VTS area.</p> <p>Information service. VTS center could provide the following information service based on information observed on ship's request.</p> <p>1) Movement of other ships.</p> <p>2) Information of waterway and aid to navigation.</p> <p>3) Information of hydro-meteorological information.</p> <p>4) Information of navigation warning/notice to mariners.</p> <p>5) Other information.</p> <p>3. Traffic organization service.</p> <p>Ships could request VTS to provide service when the following happened.</p> <p>1) Transiting through bridge area, harbor area, bending waterway, traffic intensive area or areas in restricted condition.</p> <p>2) Berthing and leaving, dock or entering and departing anchorage area for super-large vessel.</p> <p>3) Entering or leaving docks for maintained and new-built ships.</p> <p>4) Loss of steering or propulsion for navigating ships</p> <p>VTS center could provide traffic organization service based on reality such as traffic flow, navigation circumstance and ships movement at harbor.</p> <p>4. Navigational assistance.</p> <p>1) VTS could provide navigational assistance service on request during conditions of restricted visibility, adverse weather, failure of navigation aid or other hazardous circumstances.</p> <p>2) VTS center should confirm start and close of service with ships timely.</p> <p>5. Allied activities assistance.</p> <p>VTS center could provide information about salvage or clearing pollutant etc. and assist with water search and rescue action upon ship or relevant organization and people's request.</p> </td> </tr> </tbody> </table>						VHF working channel	Traffic service	<p>1. VHF radio channel 16 is used for bridge to bridge communication and emergency communication at coastal water area. Lianyungang VTS center could be contacted on channel 09.</p> <p>2. VHF channel 06 is used for bridge to bridge communication and channel 09 is used for public information and listening watch channel when ships sailing at Jiangsu section of Yangtze River. Followed by working channel of different VTS.</p> <p>Nanjing VTS center could be contacted on channel 11 (waterarea above Nanjing Yangtze River bridge) or channel 10(downwards of Nanjing Yangtze River bridge).</p> <p>Zhenjiang VTS center could be contacted on channel 09 or 10.</p> <p>Taizhou VTS center could be contacted on channel 09.</p> <p>Jiangyin VTS center could be contacted on channel 09.</p> <p>Zhangjiagang VTS center could be contacted on channel 10.</p> <p>Nantong VTS center could be contacted on channel 10 (below Sutong Yangtze River bridge) or channel 11 (above Sutong Yangtze River bridge)</p>	<p>Followed traffic service provided by Jiangsu VTS</p> <p>1. Information broadcasting.</p> <p>Information referred to navigation safety of ships in VTS area.</p> <p>Information service. VTS center could provide the following information service based on information observed on ship's request.</p> <p>1) Movement of other ships.</p> <p>2) Information of waterway and aid to navigation.</p> <p>3) Information of hydro-meteorological information.</p> <p>4) Information of navigation warning/notice to mariners.</p> <p>5) Other information.</p> <p>3. Traffic organization service.</p> <p>Ships could request VTS to provide service when the following happened.</p> <p>1) Transiting through bridge area, harbor area, bending waterway, traffic intensive area or areas in restricted condition.</p> <p>2) Berthing and leaving, dock or entering and departing anchorage area for super-large vessel.</p> <p>3) Entering or leaving docks for maintained and new-built ships.</p> <p>4) Loss of steering or propulsion for navigating ships</p> <p>VTS center could provide traffic organization service based on reality such as traffic flow, navigation circumstance and ships movement at harbor.</p> <p>4. Navigational assistance.</p> <p>1) VTS could provide navigational assistance service on request during conditions of restricted visibility, adverse weather, failure of navigation aid or other hazardous circumstances.</p> <p>2) VTS center should confirm start and close of service with ships timely.</p> <p>5. Allied activities assistance.</p> <p>VTS center could provide information about salvage or clearing pollutant etc. and assist with water search and rescue action upon ship or relevant organization and people's request.</p>
VHF working channel	Traffic service								
<p>1. VHF radio channel 16 is used for bridge to bridge communication and emergency communication at coastal water area. Lianyungang VTS center could be contacted on channel 09.</p> <p>2. VHF channel 06 is used for bridge to bridge communication and channel 09 is used for public information and listening watch channel when ships sailing at Jiangsu section of Yangtze River. Followed by working channel of different VTS.</p> <p>Nanjing VTS center could be contacted on channel 11 (waterarea above Nanjing Yangtze River bridge) or channel 10(downwards of Nanjing Yangtze River bridge).</p> <p>Zhenjiang VTS center could be contacted on channel 09 or 10.</p> <p>Taizhou VTS center could be contacted on channel 09.</p> <p>Jiangyin VTS center could be contacted on channel 09.</p> <p>Zhangjiagang VTS center could be contacted on channel 10.</p> <p>Nantong VTS center could be contacted on channel 10 (below Sutong Yangtze River bridge) or channel 11 (above Sutong Yangtze River bridge)</p>	<p>Followed traffic service provided by Jiangsu VTS</p> <p>1. Information broadcasting.</p> <p>Information referred to navigation safety of ships in VTS area.</p> <p>Information service. VTS center could provide the following information service based on information observed on ship's request.</p> <p>1) Movement of other ships.</p> <p>2) Information of waterway and aid to navigation.</p> <p>3) Information of hydro-meteorological information.</p> <p>4) Information of navigation warning/notice to mariners.</p> <p>5) Other information.</p> <p>3. Traffic organization service.</p> <p>Ships could request VTS to provide service when the following happened.</p> <p>1) Transiting through bridge area, harbor area, bending waterway, traffic intensive area or areas in restricted condition.</p> <p>2) Berthing and leaving, dock or entering and departing anchorage area for super-large vessel.</p> <p>3) Entering or leaving docks for maintained and new-built ships.</p> <p>4) Loss of steering or propulsion for navigating ships</p> <p>VTS center could provide traffic organization service based on reality such as traffic flow, navigation circumstance and ships movement at harbor.</p> <p>4. Navigational assistance.</p> <p>1) VTS could provide navigational assistance service on request during conditions of restricted visibility, adverse weather, failure of navigation aid or other hazardous circumstances.</p> <p>2) VTS center should confirm start and close of service with ships timely.</p> <p>5. Allied activities assistance.</p> <p>VTS center could provide information about salvage or clearing pollutant etc. and assist with water search and rescue action upon ship or relevant organization and people's request.</p>								

CHINA	JIANG SU	PLAN OF APPROACHES	EDITION No. 002	REVISION DATE 28-Dec-2010	PAGE No. JS-4
<p>Navigation rules</p> <p>1. All ships navigating, operating and anchoring in Lianyungang VTS area must comply with Maritime Traffic Safety Law of the People's Republic of China and maritime safety administration code of Lianyungang.</p> <p>2. Ship's routing system is applied in Jiangsu section of Yangtze River. All ships navigating, operating or anchoring in Jiangsu section of Yangtze River must comply with Codes for Preventing Collisions on Inland Waters of PRC, the regulations on the ship's routing system in Jiangsu section of Yangtze River and other relevant regulations.</p>		<p>Pilot</p> <p>1. The following ships navigating in Jiangsu section of Yangtze river shall apply pilot.</p> <ol style="list-style-type: none"> 1) Foreign ships. 2) Sea -going ships of 1000 gross tonnage and upwards, exemption of ships maneuvered by the same master and navigating in the same inland water area twice in two months. 3) Ships restricted in her manoeuvre. 4) Ships carrying passengers or hazardous goods should apply for pilotage to comply with rules regulated by the department in charge of transportation under the State Council. <p>2. Compulsory pilotage is applicable to foreign ships navigating coastal Lianyungang VTS area.</p>			

Brief Introduction of Lianyungang VTS

Lianyungang VTS is comprised of two stations and one center involving Qitaishan radar station, Liandao radar station and Lianyungang VTS center.



Lianyungang VTS center



Liandao radar station



Qitaishan radar station



Container Terminal

System description

Lianyungang VTS Center

Postcode:222042

Post address: No.11,

Fax: 0518-82310309

Tel: 0518-82231894、0518-82231904

Ships applicable:

All foreign ships and Chinese ships of 300 gross tonnagenage and upwards and vessels required to participate to VTS by maritime safety administration agency.

VTS Area

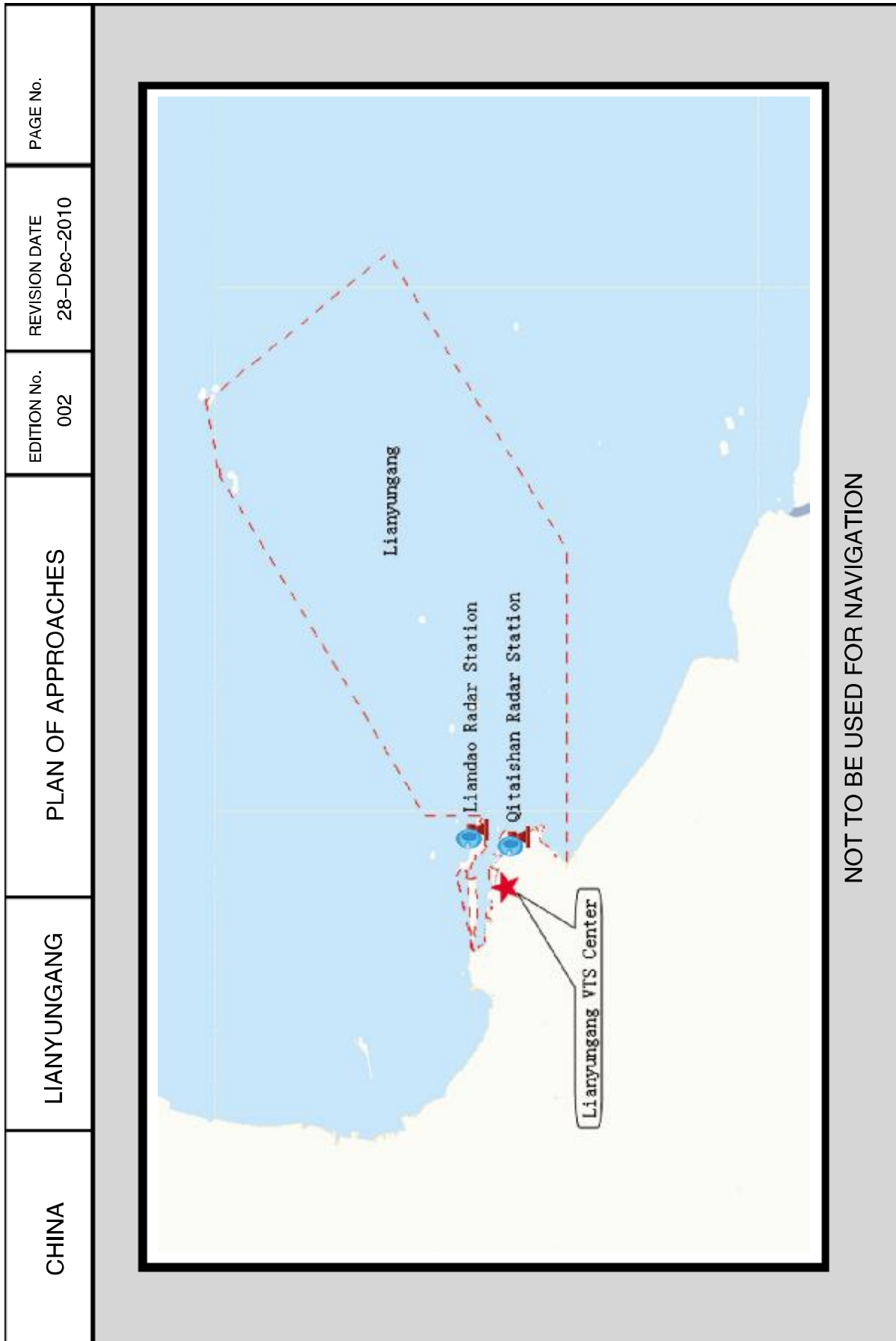
Lianyungang VTS area is comprised of two major parts:

a) Lianyungang inner water area which is bounded by east bound connecting Qitaizui and Yangwotou and west bound connecting Beiyingsui and Xiaoguitou and coast line between east and west bound.

b) water area is bounded by connecting line of following seven geographical positions: Yangwotou (34° 45' 21" N, 119° 29' 37" E), position three miles away north of Yangwotou (34° 48' 21" N, 119° 29' 37" E), Cheniushan (34° 59' 45" N, 119° 49' 17" E), Dashandao (35° 00' 30" N, 119° 53' 26" E), 34° 50' 28" N, 120° 01' 57" E, 34° 50' 28" N, 120° 01' 57" E.

Legislative Basis

Lianyungang VTS center provides vessel traffic service and management and assists allied actions based on Maritime Traffic Safety Law of the People's Republic of China, safety administration code of Vessel traffic service of PRC, safety administration code of Vessel traffic service of Jiangsu maritime safety administration, maritime safety administration code of Lianyungang.



NOT TO BE USED FOR NAVIGATION

CHINA	LIANYUGANG	PLAN OF APPROACHES	EDITION No. 002	REVISION DATE 28-Dec-2010	PAGE No. LYG-2						
<table border="1"> <thead> <tr> <th data-bbox="432 1205 480 1951">Report categories</th> <th data-bbox="432 719 480 1205">Content of report</th> <th data-bbox="432 371 480 719">Communication</th> </tr> </thead> <tbody> <tr> <td data-bbox="496 1205 1257 1951"> <p>1.Forecast. To report ship characteristics, carriage condition and time estimated via ship agency</p> <p>2.To report position transiting through VTS area boundary line</p> <p>3.To report ship's name, anchorage position and time of anchoring and leaving when ship anchor and leave.</p> <p>4.To report ship's name, position and movement when ship enter or leave waterway and berth or leave berth.</p> <p>5.To report ship's name and description of deviation when anchorage position and sailing plan deviated from reported.</p> <p>6.To report time and location of accident, loading condition, damage and requirement for rescue to VTS center in time when maritime accident or pollution incident happened or observed.</p> <p>7.To report time, location and description of abnormal circumstance to VTS center in time when abnormality of aids to navigation, obstruction against navigation safety and any circumstances obstructing navigational safety observed.</p> </td> <td data-bbox="496 719 1257 1205"> <p>1.Information broadcast Via VHF 16 or 69 Time: 0800,1800hrs</p> <p>2.Other service: VHF channel 69, 0000-2400 hrs</p> </td> <td data-bbox="496 371 1257 719"> <p>Call: Lianyungang VTS center</p> <p>Via VHF channel 69</p> <p>Note: all ships in VTS area should keep listening watch on VHF channel 16 and 69.</p> </td> </tr> </tbody> </table>						Report categories	Content of report	Communication	<p>1.Forecast. To report ship characteristics, carriage condition and time estimated via ship agency</p> <p>2.To report position transiting through VTS area boundary line</p> <p>3.To report ship's name, anchorage position and time of anchoring and leaving when ship anchor and leave.</p> <p>4.To report ship's name, position and movement when ship enter or leave waterway and berth or leave berth.</p> <p>5.To report ship's name and description of deviation when anchorage position and sailing plan deviated from reported.</p> <p>6.To report time and location of accident, loading condition, damage and requirement for rescue to VTS center in time when maritime accident or pollution incident happened or observed.</p> <p>7.To report time, location and description of abnormal circumstance to VTS center in time when abnormality of aids to navigation, obstruction against navigation safety and any circumstances obstructing navigational safety observed.</p>	<p>1.Information broadcast Via VHF 16 or 69 Time: 0800,1800hrs</p> <p>2.Other service: VHF channel 69, 0000-2400 hrs</p>	<p>Call: Lianyungang VTS center</p> <p>Via VHF channel 69</p> <p>Note: all ships in VTS area should keep listening watch on VHF channel 16 and 69.</p>
Report categories	Content of report	Communication									
<p>1.Forecast. To report ship characteristics, carriage condition and time estimated via ship agency</p> <p>2.To report position transiting through VTS area boundary line</p> <p>3.To report ship's name, anchorage position and time of anchoring and leaving when ship anchor and leave.</p> <p>4.To report ship's name, position and movement when ship enter or leave waterway and berth or leave berth.</p> <p>5.To report ship's name and description of deviation when anchorage position and sailing plan deviated from reported.</p> <p>6.To report time and location of accident, loading condition, damage and requirement for rescue to VTS center in time when maritime accident or pollution incident happened or observed.</p> <p>7.To report time, location and description of abnormal circumstance to VTS center in time when abnormality of aids to navigation, obstruction against navigation safety and any circumstances obstructing navigational safety observed.</p>	<p>1.Information broadcast Via VHF 16 or 69 Time: 0800,1800hrs</p> <p>2.Other service: VHF channel 69, 0000-2400 hrs</p>	<p>Call: Lianyungang VTS center</p> <p>Via VHF channel 69</p> <p>Note: all ships in VTS area should keep listening watch on VHF channel 16 and 69.</p>									

CHINA	LIANYUGANG	PLAN OF APPROACHES	EDITION No. 002	REVISION DATE 28-Dec-2010	PAGE No. LYG-3
<p>Routing rules</p> <p>Route : Lianyungang route consists of channel for 150 thousand DWT ships, old harbor channel, Xugou channel and Kangyuan oil wharf channel.</p> <p>Two-way navigation Ships applicable to two-way navigation</p> <ol style="list-style-type: none"> 1. Roll-on-roll-off ship, oil tanker, LPG and bulk liquid chemical tankers which of 165m or less in length, and the sum of width of two meeting ships is less than 47 meters. 2. Other ships of 200m or less in length, and the sum of width of two meeting ships is less than 57 meters. <p>Route applicable to two-way navigation: route for 150 thousand DWT ships</p> <p>Pilot: compulsory pilot is required for foreign ships entering or leaving port.</p> <p>Speed: speed is less than 12 knots when navigating in waterway. Large container ships could be over speed limit properly in waterway; low speed is required when meeting or transiting through construction area.</p> <p>Overtaking: overtaking in waterway is prohibited for foreign ships and Chinese ships of 300 gross tonnage and upwards.</p> <p>Collision avoidance: Chinese ships of less than 300 gross tonnage navigating in waterway shall give way in advance for foreign ships and Chinese ships of 300 gross tonnage and upwards; Ships bypassing, entering and leaving waterway shall avoid to interfere navigation of foreign ships and Chinese ships of 300 gross tonnage and upwards; Navigating ships should avoid to interfere turn of foreign ships and Chinese ships of 300 gross tonnage and upwards.</p> <p>Anchorage: vessels anchoring in Lianyungang anchorage shall comply with relevant rules issued by maritime administration agency.</p>					

CHINA	LIANYUGANG	PLAN OF APPROACHES	EDITION No. 002	REVISION DATE 28-Dec-2010	PAGE No. LYG-4
Route and anchorage					
Name	Area defined	Description			
Route for 150 thousand DWT ships	From Entrance Large buoy to buoy No. 50				
Xugou route	From buoy No.50 to No.63				
Old harbor route	From buoy No.44 to turning area				
Kangyun oil wharf route	From buoy No.43 to wharf				
Anchorage No.1	34° 49' 12.7" N119° 34' 16.5" E; 34° 51' 40.4" N119° 40' 07.0" E; 34° 49' 44.8" N119° 41' 18.6" E; 34° 47' 17.2" N119° 35' 28.2" E.	Depth 9-14 meters			
Anchorage No.2	34° 51' 40.4" N119° 40' 07.0" E; 34° 53' 08.9" N119° 43' 37.4" E; 34° 51' 13.2" N119° 44' 49.0" E; 34° 49' 44.8" N119° 41' 18.6" E.	Depth 14-17 meters			
Anchorage No.3	34° 53' 31.0" N119° 44' 30.1" E; 34° 54' 59.3" N119° 48' 00.7" E; 34° 53' 03.6" N119° 49' 12.1" E; 34° 51' 35.3" N119° 45' 41.6" E.	Depth 16-20 meters			
Anchorage No.4	34° 54' 59.3" N119° 48' 00.7" E; 34° 56' 12.9" N119° 50' 56.3" E; 34° 54' 17.2" N119° 52' 07.7" E; 34° 53' 03.6" N119° 49' 12.1" E.	Depth 18-22 meters			

CHINA	LIANYUGANG	PLAN OF APPROACHES		EDITION No. 002	REVISION DATE 28-Dec-2010	PAGE No. LYG-4
Port Service						
Name	Area defined		Description			
Anchorage No.5	34° 53' 46.0" N119° 55' 31.1" E; 34° 55' 09.6" N119° 58' 50.2" E; 34° 53' 41.5" N120° 00' 10.8" E; 34° 52' 09.6" N119° 56' 30.5" E.	Depth 19-25 meters				
Anchorage for ships carrying hazardous goods	34° 49' 20.6" N119° 44' 58.9" E; 34° 50' 42.4" N119° 48' 13.7" E; 34° 49' 06.4" N119° 49' 13.0" E; 34° 47' 44.6" N119° 45' 58.1" E.	Depth 15-19 meters				
Name			Contact			
Liangyungang Pilot Station			Tel:(0518)86467005、(0518)86467007、VHF: channel 27.			
Liangyungang call center			VHF: channel 25、channel 27、channel 09、channel 16、Telephone:(025)85077642.			
Tug branch of Lianyungang harbor company			Tel:(0518)58582668、(0518)58583188.			
China ocean shipping agency lianyungang Co., Ltd.			Tel:(0518)58779003.			
China marine shipping agency lianyungang Co., Ltd.			Tel:(0518)52377809.			

Brief Introduction of Nanjing VTS

Nanjing VTS is consist of Nanjing VTS center and eight radar stations involving Jiangning, Jiangpu, Dashengguan, Daqiao, Xifangjiao, Tianhekou, Sheshan, Yizheng radar stations.



Jiangning radar station



Jiangpu radar station



Dashengguan radar station



Nanjing VTS center and
Daqiao adar station



Xifangjiao radar station



Tianhekou radar station



Sheshanradar station



Yizheng radar station



Nanjing VTS duty room

System Description

Nanjing VTS Center

Postcode:210011

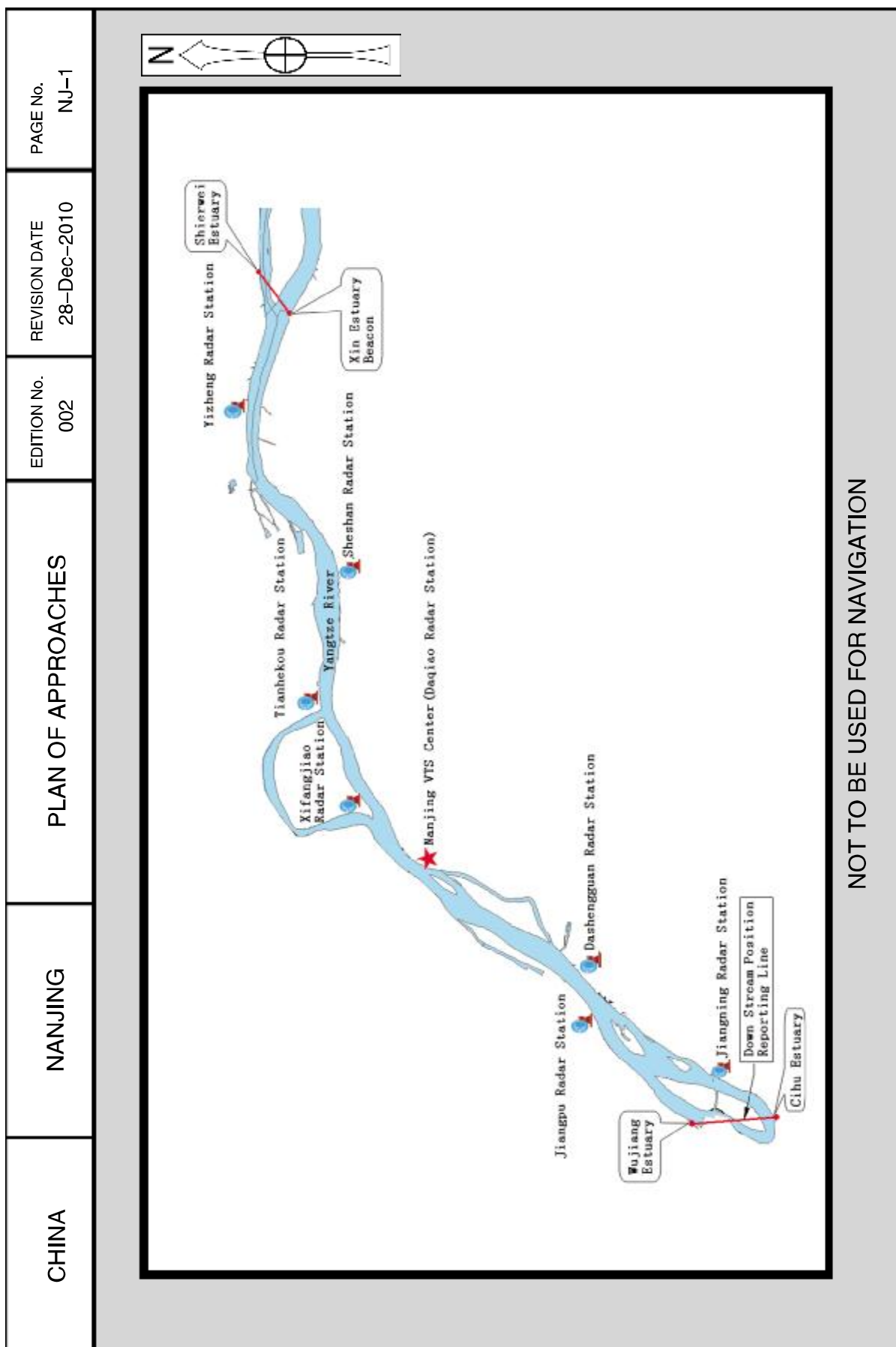
Post address: No.3, Jiangbian road, Xiaguan district, Nanjing city, China PR

Fax: 025-58804783

Contact: 025-58804783, 025-12395

VTS Area

Starting from connection line between Cihu estuary and Wujiang estuary extending downwards to connection line between Xihe estuary beacon and Shierwei estuary (from buoy No.119 to No.158).



NOT TO BE USED FOR NAVIGATION

CHINA	NANJING	PLAN OF APPROACHES		EDITION No. 002	REVISION DATE 28-Dec-2010	PAGE No. NJ-2
<p>Ship reporting</p> <p>1. Position report line: through line connecting Cihu estuary and Wujiang estuary (from #119 buoy to #158 buoy)</p> <p>2. Position check point Up stream: passing by black buoy No. 119 and No.140. Down stream: passing by red buoy, No. 150, 144, and 125.</p> <p>3. One-way traffic control waterways. Up stream entrance: black buoy No.134 Down stream entrance: south branch of Nanjing second bridge of Yangtze River . Down stream exit: one hour before leaving lower boundary of Baota waterway. Ships applicable:ships or fleet of 5000 gross tonnage and upwards or 735kw main engine power and upwards, chemical tanker, LPG and other ships which need to be managed.</p>	<p>Traffic service</p> <p>1.Information broadcasting: Via VHF channel 69 Time: 0830,1530 and 2230 hrs.</p> <p>2. Other service: VHF channel 10, 11 or 69. Service is provided from 0000 to 2400hrs.</p>	<p>Contact</p> <p>Call: Nanjing VTS center. Via VHF channel 11 (water area upwards Nanjing bridge of Yangtze River) or channel 10 (water area downwards Nanjing Bridge of Yangtze rive). Or call 025-58804783.</p>	<p>Navigational rules</p> <p>1.The whole waterways of Wujiang channel is a one-way channel for ships navigating upwards. It is adequate for upward small craft and fleet. Downstream ships are prohibited to transit through Wujiang channel. The depth of channel is 4.5 meters.</p> <p>2.Any ship is prohibited navigating into Dashengguan waterway.</p> <p>3.Yangtze exclusive fairway in Baota waterway is one-way traffic control route.</p> <p>4.Speed limit: the top speed of upstream vessels shall not exceed 8 knots, and the top speed of downstream vessels shall not exceed 11 knots when vessels arrive upbound or downbound of water area of Nanjing fourth bridge, Nanjing bridge, Dashengguan high-speed railway bridge and third bridge of Yangtze River and Yanba or Banqiao ferry water area. Vessels shall navigate with safe speed and caution in water area described above. The top speed of downstream vessels shall not exceed 15 knots May 1 to October 31 and not exceed</p>			

CHINA	NANJING	PLAN OF APPROACHES	EDITION No. 002	REVISION DATE 28-Dec-2010								
<table border="1"> <thead> <tr> <th data-bbox="427 1498 478 1946">Ship reporting</th> <th data-bbox="427 1151 478 1498">Traffic service</th> <th data-bbox="427 815 478 1151">Contact</th> <th data-bbox="427 378 478 815">Navigational rules</th> </tr> </thead> <tbody> <tr> <td data-bbox="478 1498 1257 1946"></td> <td data-bbox="478 1151 1257 1498"></td> <td data-bbox="478 815 1257 1151"></td> <td data-bbox="478 378 1257 815"> <p>13 knots in other months. The top speed of upstream vessels shall not exceed 12 knots. The top speed of upstream vessels shall not exceed 9 knots and downstream vessels shall not exceed 12 knots when navigating through upper and lower estuary of Yizheng waterway, Baota waterway, water area between buoy No.136 and No.138.</p> <p>The top speed of upstream vessels shall not exceed 15 knots from May 1 to October 31 navigating in other water area.</p> <p>The top speed of downstream vessels shall not exceed 13 knots and upstream vessels shall not exceed 12 knots in other months navigating in other water area.</p> <p>The speed shall not be less than 4km per hour when vessels navigating in Jiangsu section of Yangtze River.</p> <p>5.Restrictions of turning round: all vessels are prohibited turning round at the water area of Dashengguan high-speed railway bridge ,Nanjing third bridge, Nanjing bridge and South branch Nanjing Second bridge of Yangtze River and Ningtu ferry ,Tianhekou. Vessels or fleets with the length above 110 meters are prohibited turning round at the water area of Banqiao ferry.</p> </td> </tr> </tbody> </table>					Ship reporting	Traffic service	Contact	Navigational rules				<p>13 knots in other months. The top speed of upstream vessels shall not exceed 12 knots. The top speed of upstream vessels shall not exceed 9 knots and downstream vessels shall not exceed 12 knots when navigating through upper and lower estuary of Yizheng waterway, Baota waterway, water area between buoy No.136 and No.138.</p> <p>The top speed of upstream vessels shall not exceed 15 knots from May 1 to October 31 navigating in other water area.</p> <p>The top speed of downstream vessels shall not exceed 13 knots and upstream vessels shall not exceed 12 knots in other months navigating in other water area.</p> <p>The speed shall not be less than 4km per hour when vessels navigating in Jiangsu section of Yangtze River.</p> <p>5.Restrictions of turning round: all vessels are prohibited turning round at the water area of Dashengguan high-speed railway bridge ,Nanjing third bridge, Nanjing bridge and South branch Nanjing Second bridge of Yangtze River and Ningtu ferry ,Tianhekou. Vessels or fleets with the length above 110 meters are prohibited turning round at the water area of Banqiao ferry.</p>
Ship reporting	Traffic service	Contact	Navigational rules									
			<p>13 knots in other months. The top speed of upstream vessels shall not exceed 12 knots. The top speed of upstream vessels shall not exceed 9 knots and downstream vessels shall not exceed 12 knots when navigating through upper and lower estuary of Yizheng waterway, Baota waterway, water area between buoy No.136 and No.138.</p> <p>The top speed of upstream vessels shall not exceed 15 knots from May 1 to October 31 navigating in other water area.</p> <p>The top speed of downstream vessels shall not exceed 13 knots and upstream vessels shall not exceed 12 knots in other months navigating in other water area.</p> <p>The speed shall not be less than 4km per hour when vessels navigating in Jiangsu section of Yangtze River.</p> <p>5.Restrictions of turning round: all vessels are prohibited turning round at the water area of Dashengguan high-speed railway bridge ,Nanjing third bridge, Nanjing bridge and South branch Nanjing Second bridge of Yangtze River and Ningtu ferry ,Tianhekou. Vessels or fleets with the length above 110 meters are prohibited turning round at the water area of Banqiao ferry.</p>									

CHINA	NANJING	PLAN OF APPROACHES	EDITION No. 002	REVISION DATE 28-Dec-2010	PAGE No. NJ-4
Routes					
Name	Location	Description			
Main route	Main water area of Yangtze River between line connecting Cihu estuary and Wujiang estuary and line connecting Xinhokou and Shierwei funnel, the main lane is the deepwater lane of 500 meters in width from No.158 red buoy to No.119 black buoy.	The depth of main route below Yanziji is 10.5 meters, main route above Yanziji with the depth of 9 meters in the period of June to September, with the depth of 7.5 meters in the period from October to next May.			
Auxillary routes	North side of black buoys between Xin estuary (down boundary) and lower estuary in Baota waterway.	With the width of 200 meters and the depth of 5.0 meters.			
Wujiang waterway	Water area starting from connection line between Wujiang estuary and Cihu estuary downwards to connection line between Dajianshan tower-shape beacon and two-way traffic buoy below Wujiang waterway.	One-way navigation is applied to the whole Wujiang waterway which is one-way route for up stream small vessels and fleet. Any down stream vessels is prohibited to pass through this waterway. The depth of route is 4.5 meters.			
Dashengguan waterway	Starting from connection line between the head of Meizizhou and the electricity mark below the south bank downwards to connection between the rear of Meizizhou and the upper end of Sancha estuary.	All vessels are prohibited navigating into Dashengguan waterway.			
Baota waterway	The upper boundary is 270 degree end line of Xifangjiao triangulation point in the head of Baguazhou and the lower boundary is 090 degree end line of Tianhekou triangulation point.	Current is turbulent during flooding season with high traffic density in the vicinity of lower section of Baota waterway. It is hard to control the ship position. There is a shoal in the vicinity of lower section of Yangtze exclusive fairway. Three ferry lines are located in Baota waterway. Sharp look out are required.			

CHINA	NANJING	PLAN OF APPROACHES	EDITION No. 002	REVISION DATE 28-Dec-2010	PAGE No. NJ-5
Anchorage and berthing area					
Name	Location	Description			
Nanjing joint inspection anchorage	South side of connection line between Changjiang red buoy No.122 red buoy and No.123 in Yizheng waterway,with the length of 3000 meters and the width of 400 meters.	For anchorage, quarantine of large vessels.			
Yizheng anchorage for oil tanker	South side of connection line between Yangtze River red buoy No.122 red buoy and No.123 in Yizheng waterway. Upper section with the length of 1900 meters and the width of 230 meters to 350 meters, lower section with the length of 1700 meters and the width of 400 meters.	For ship-to-ship transfer and anchorage of oil tanker.			
Anchorage of Yizheng chemical factory	North of water area from black buoy No.126 to No.127 in Longtan waterway.	For small vessels.			
Wuyuzhou anchorage	North of water area from black buoy No.127 to No.129 in Longtan waterway. With the length of 3297 meters, upper section with the width of 288 meters, lower section with the length in width of upper part and 523 meters in width of lower part.	For sea-going ships			
Qixia anchorage for oil tanker	Northside of connection line between location 800 meters downward of Nanjing fourth Yangtze River bridge (proceeding) to black buoy No.132 in Longtan waterway.	North of water area from location 800 meters downward of Nanjing fourth bridge (on construction) to black buoy No.133 for ship-to-ship transfer; north of water area from black buoy No.133 to No.132; for anchorage of oil tanker and oil barge.			

CHINA	NANJING	PLAN OF APPROACHES		EDITION No. 002	REVISION DATE 28-Dec-2010	PAGE No. NJ-6
Name	Location	Description				
Xinshengwei anchorage	North side of connection line between black buoy No.137 to No.138, with the length of 1360 meters and the width of 150 meters.	For sea-going ships.				
Shangyuanmen anchorage	Front of Shangyuanmen harbor area in Caoxiexia strait channel , with the length of 1700 meters and the width of 400 meters.	For barge and small vessels.				
Meizhzhon anchorage	Water area between Meizhzhou and Qianzhou, dimention: with the length of 2000 meters, width of upper section is 270 meters and 300 meters.	For barge and small vessels.				
Meizhong anchorage	South side of connection line between red buoy No.145 and No.146, with the length of 2000 meters and the width of 400 meters.	For barge and small vessels.				
Berthing area No.26	In Longtan inlet is north side of black buoy No.130, with the length of 600 meters and the width of 300 meters.	For large vessels.				
Berthing area No.27	Water area out of upward route at lower estuary of Baota waterway, with the length of 1400 meters and the width of 400 meters..	For small vessels.				
Berthing area No.28	Water area Against Yangtze PC wharf in Baota waterway with the length of 2000 meters and the width of 400 meters.	For small vessels.				
Berthing area No.29	Water area against Dachang wharf with the length of 1000 meters and the width of 400 meters.	For small vessels.				
Berthing area No.30	Water area 1500 meters upward to Jiangpu intake with the length of 1500 meters and the width of 400 meters.	For small vessels.				
Berthing area No.31	Water area out of lane against 9424 wharf downward to the third bridge in Nanjing channel with the length of 800 meters and the width of 300 meters.	For small vessels.				

CHINA	NANJING	PLAN OF APPROACHES	EDITION No. 002	REVISION DATE 28-Dec-2010	PAGE No. NJ-7																						
<table border="1"> <thead> <tr> <th colspan="2" data-bbox="389 371 842 510">Ferry water area</th> </tr> <tr> <th data-bbox="469 1630 539 1944">Name</th> <th data-bbox="469 371 539 1630">Location</th> </tr> </thead> <tbody> <tr> <td data-bbox="549 1630 619 1944">Banqiao ferry</td> <td data-bbox="549 371 619 1630">Upper boundary: connection line between Fengxiang wharf at south bank and Qiba triangulation point at north bank. Lower boundary: connection line between red and black buoy No.149.</td> </tr> <tr> <td data-bbox="628 1630 730 1944">Ningpu ferry</td> <td data-bbox="628 371 730 1630">Upper boundary: connection line between Ninggang engineering wharf and No.1 wharf of Youyun company at south bank. Lower boundary: connection between one locatino above Beigan triangulation point at North bank and Nanjing wharf for passenger.</td> </tr> <tr> <td data-bbox="740 1630 826 1944">Yanba ferry</td> <td data-bbox="740 371 826 1630">Upper boundary: Yanziji cross-river cable. Lower boundary: Nanjing No.2 Yangtze River bridge.</td> </tr> <tr> <th data-bbox="868 1630 938 1944">Name</th> <th data-bbox="868 371 938 1630">Location</th> </tr> <tr> <td data-bbox="948 1630 986 1944">Nanjing pilot station</td> <td data-bbox="948 371 986 1630">Tel:(025)86467005 ,(025)86467007 , VHF: channel 27.</td> </tr> <tr> <td data-bbox="995 1630 1066 1944">Nanjing communication administration bureau</td> <td data-bbox="995 371 1066 1630">VHF: channel 25 ,channel 27 ,channel 09 ,channel 16 ,Tel:(025)85077642.</td> </tr> <tr> <td data-bbox="1075 1630 1129 1944">Tug company of Nanjing (in the harbor)</td> <td data-bbox="1075 371 1129 1630">Tel:(025)5858266 ,(025)58583188.</td> </tr> <tr> <td data-bbox="1139 1630 1193 1944">China ocean shipping agency nanjing Co., Ltd.</td> <td data-bbox="1139 371 1193 1630">Tel:(025)58779003.</td> </tr> <tr> <td data-bbox="1203 1630 1257 1944">China marine shipping agency nanjing Co., Ltd.</td> <td data-bbox="1203 371 1257 1630">Tel:(025)52377809.</td> </tr> </tbody> </table>						Ferry water area		Name	Location	Banqiao ferry	Upper boundary: connection line between Fengxiang wharf at south bank and Qiba triangulation point at north bank. Lower boundary: connection line between red and black buoy No.149.	Ningpu ferry	Upper boundary: connection line between Ninggang engineering wharf and No.1 wharf of Youyun company at south bank. Lower boundary: connection between one locatino above Beigan triangulation point at North bank and Nanjing wharf for passenger.	Yanba ferry	Upper boundary: Yanziji cross-river cable. Lower boundary: Nanjing No.2 Yangtze River bridge.	Name	Location	Nanjing pilot station	Tel:(025)86467005 ,(025)86467007 , VHF: channel 27.	Nanjing communication administration bureau	VHF: channel 25 ,channel 27 ,channel 09 ,channel 16 ,Tel:(025)85077642.	Tug company of Nanjing (in the harbor)	Tel:(025)5858266 ,(025)58583188.	China ocean shipping agency nanjing Co., Ltd.	Tel:(025)58779003.	China marine shipping agency nanjing Co., Ltd.	Tel:(025)52377809.
Ferry water area																											
Name	Location																										
Banqiao ferry	Upper boundary: connection line between Fengxiang wharf at south bank and Qiba triangulation point at north bank. Lower boundary: connection line between red and black buoy No.149.																										
Ningpu ferry	Upper boundary: connection line between Ninggang engineering wharf and No.1 wharf of Youyun company at south bank. Lower boundary: connection between one locatino above Beigan triangulation point at North bank and Nanjing wharf for passenger.																										
Yanba ferry	Upper boundary: Yanziji cross-river cable. Lower boundary: Nanjing No.2 Yangtze River bridge.																										
Name	Location																										
Nanjing pilot station	Tel:(025)86467005 ,(025)86467007 , VHF: channel 27.																										
Nanjing communication administration bureau	VHF: channel 25 ,channel 27 ,channel 09 ,channel 16 ,Tel:(025)85077642.																										
Tug company of Nanjing (in the harbor)	Tel:(025)5858266 ,(025)58583188.																										
China ocean shipping agency nanjing Co., Ltd.	Tel:(025)58779003.																										
China marine shipping agency nanjing Co., Ltd.	Tel:(025)52377809.																										

Brief Introduction of Zhenjiang VTS

Zhenjiang VTS system is consist of VTS center and four main radar stations: Shi yezhou station、Zhengrunzhou station、Dasha station and Fudewei station.



Zhenjiang VTS center



Shiyezhou radar station



Dasha radar station



Zhengrunzhou radar station



Fudewei radar station



Liuwei estuary microwave relay station

System Description

Zhenjiang VTS Center

Post code: 212002

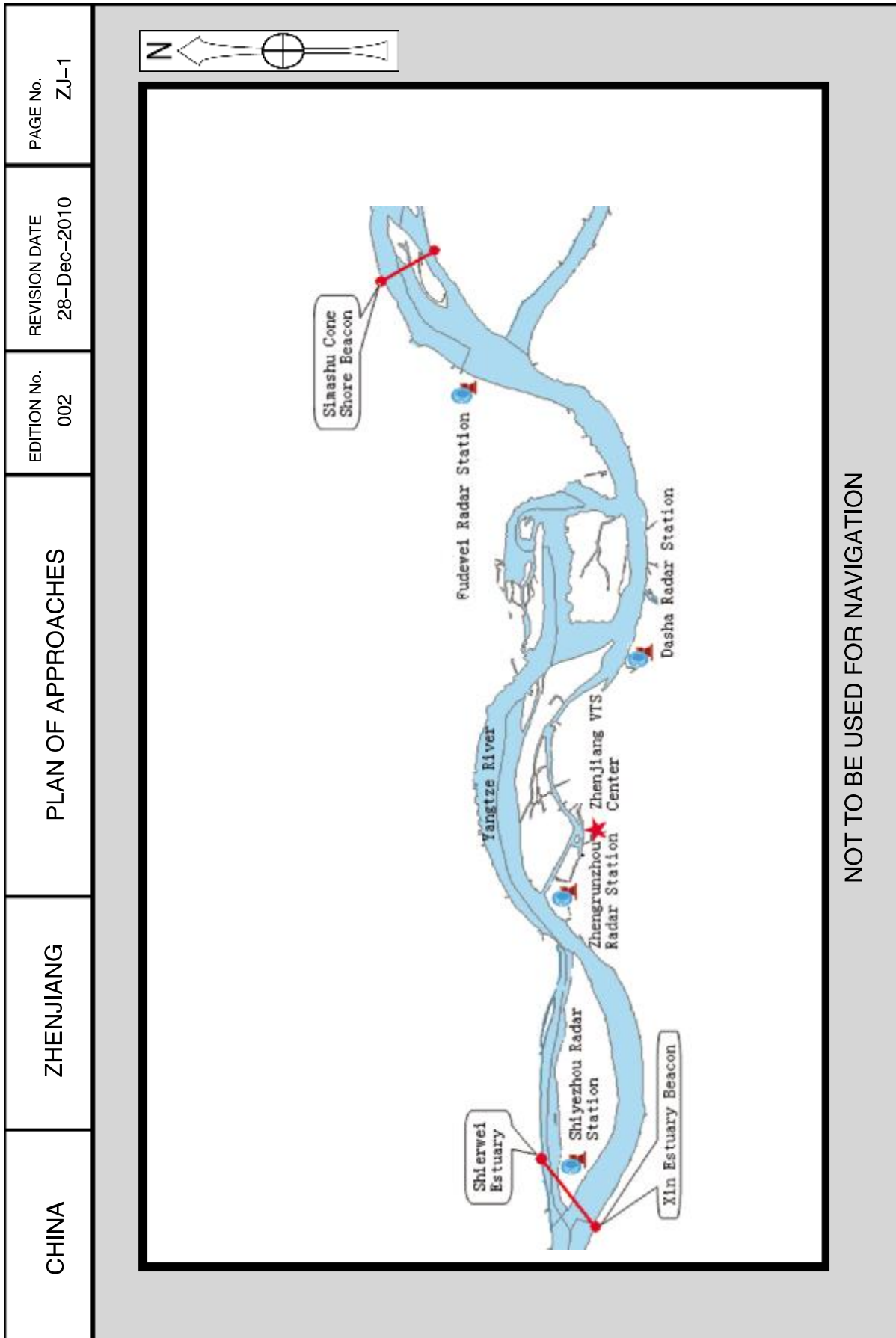
Adress: No.8 Changjiang Rd, Zhenjiang, Jiangsu Province

Fax:(0511)85306100

Tel:(0511)85286914、(0511)85306110

VTS Area

Starting from connection line between Xin estuary tower–shape beacon and ShierWei beacon extending downwards to connection line between Simashu cone shore beacon and the opposite bank (Yangtze River #119 buoy to #91–1 buoy), besides of Yizheng and Taipingzhou shortcut waterway.



CHINA	ZHENJIANG	PLAN OF APPROACHES		EDITION No. 002	REVISION DATE 28-Dec-2010	PAGE No. ZJ-2
<p>Ship reporting</p> <p>Position check point</p> <p>1. Down stream</p> <p>1) The Xin estuary becom to Twelveth Wei becom line.</p> <p>2) Runyang Yangtze River road bridge.</p> <p>2. Up stream</p> <p>1) Simashu becom to the other side of the river.</p> <p>2)Maanji red buoy to Fengguwei triangle area.</p> <p>3. Enter into One-way restricted water way</p> <p>1)Launching ship is on the same line with #107 red buoy.</p> <p>2) Before launching ship get to #100 black buoy.</p> <p>Ship applicable; Vessels with 3000 gross tonnage and upward or fleets with 3000 DWT and upward.</p>	<p>Traffic service</p> <p>1.Information broadcasting Via channel VHF69.</p> <p>Broadcasting time:</p> <p>9:00, 16:00, 21:00</p> <p>2.Other services: Channel VHF10 or VHF11 or VHF69, 24 hours.</p>	<p>Contact</p> <p>Call: ZhenJiang transportation administration</p> <p>Via:</p> <p>1.VHFchannel 09 or 10</p> <p>2.Telephone (0511)85286914, (0511)85306110</p>	<p>Navigation rules</p> <p>1.Speed limit: the top speed of upstream vessels shall not exceed 8 knots, and the top speed of downstream vessels shall not exceed 11 knots when vessels arrive upbound or downbound of water area of Dagang ferry, Haixi ferry, Zhenyang ferry and Gaozi ferry. Vessels shall navigate with safe speed and caution in water area described above. The top speed of downstream vessels shall not exceed 15 knots May 1 to October 31 and not exceed 13 knots in other months. The top speed of upstream vessels shall not exceed 12 knots.</p> <p>The top speed of upstream vessels shall not exceed 9 knots and downstream vessels shall not exceed 12 knots when navigating through upper estuary of Taipingzhou shortcut waterway, water area between buoy No.108 and No.111 in Jiaoshan waterway and Yingongzhou waterway.</p> <p>The top speed of upstream vessels shall not exceed 15 knots from May 1 to October 31 navigating in other water area.</p> <p>The top speed of downstream vessels shall not exceed 13 knots and upstream vessels shall not exceed 12 knots in other months navigating in other water area.</p>			

CHINA	ZHENJIANG	PLAN OF APPROACHES	EDITION No. 002	REVISION DATE 28-Dec-2010	PAGE No. ZJ-3								
<table border="1"> <thead> <tr> <th data-bbox="416 1543 475 1944">Ship reporting</th> <th data-bbox="416 1207 475 1543">Traffic service</th> <th data-bbox="416 898 475 1207">Contact</th> <th data-bbox="416 371 475 898">Navigation rules</th> </tr> </thead> <tbody> <tr> <td data-bbox="475 1543 1259 1944"></td> <td data-bbox="475 1207 1259 1543"></td> <td data-bbox="475 898 1259 1207"></td> <td data-bbox="475 371 1259 898"> <p>The speed shall not be less than 4km per hour when vessels navigating in Jiangsu section of Yangze river.</p> <p>2. Restrictions of overtaking. Vessels of 3000 gross tonnage and above, fleets of 3000 deadweight and above are prohibited overtaking at the water area of Yingongzhou waterway (buoy No.99 to buoy No. 101 ,buoy No.103 to buoy No.105-1). Vessels shall avoid overtaking at the water area of Longmenkou(buoy No.112 to buoy No.114).</p> <p>3. Restrictions of turning round. All vessels are prohibited turning round at the water area of Longmenkou ,Dingyizhou precautionary zone , Yingongzhou one-way traffic control waterway, Danu precautionary zone. Vessels or fleets with the length above 110 meters are prohibited turning round at the water area of Ruanyang Bridge ,Linwei estuary, the upper estuary of Taipingzhou precautionary zone.</p> </td> </tr> </tbody> </table>						Ship reporting	Traffic service	Contact	Navigation rules				<p>The speed shall not be less than 4km per hour when vessels navigating in Jiangsu section of Yangze river.</p> <p>2. Restrictions of overtaking. Vessels of 3000 gross tonnage and above, fleets of 3000 deadweight and above are prohibited overtaking at the water area of Yingongzhou waterway (buoy No.99 to buoy No. 101 ,buoy No.103 to buoy No.105-1). Vessels shall avoid overtaking at the water area of Longmenkou(buoy No.112 to buoy No.114).</p> <p>3. Restrictions of turning round. All vessels are prohibited turning round at the water area of Longmenkou ,Dingyizhou precautionary zone , Yingongzhou one-way traffic control waterway, Danu precautionary zone. Vessels or fleets with the length above 110 meters are prohibited turning round at the water area of Ruanyang Bridge ,Linwei estuary, the upper estuary of Taipingzhou precautionary zone.</p>
Ship reporting	Traffic service	Contact	Navigation rules										
			<p>The speed shall not be less than 4km per hour when vessels navigating in Jiangsu section of Yangze river.</p> <p>2. Restrictions of overtaking. Vessels of 3000 gross tonnage and above, fleets of 3000 deadweight and above are prohibited overtaking at the water area of Yingongzhou waterway (buoy No.99 to buoy No. 101 ,buoy No.103 to buoy No.105-1). Vessels shall avoid overtaking at the water area of Longmenkou(buoy No.112 to buoy No.114).</p> <p>3. Restrictions of turning round. All vessels are prohibited turning round at the water area of Longmenkou ,Dingyizhou precautionary zone , Yingongzhou one-way traffic control waterway, Danu precautionary zone. Vessels or fleets with the length above 110 meters are prohibited turning round at the water area of Ruanyang Bridge ,Linwei estuary, the upper estuary of Taipingzhou precautionary zone.</p>										

CHINA	ZHENJIANG	PLAN OF APPROACHES	EDITION No. 002	REVISION DATE 28-Dec-2010	PAGE No. ZJ-4																														
<p>Routes</p> <table border="1"> <thead> <tr> <th data-bbox="461 1485 507 1944">Name</th> <th data-bbox="461 813 507 1485">Area defined</th> <th data-bbox="461 376 507 813">Description</th> </tr> </thead> <tbody> <tr> <td data-bbox="512 1485 555 1944">Main route</td> <td data-bbox="512 813 555 1485">Buoy No.119 buoy to No. 90-1 buoy</td> <td data-bbox="512 376 555 813">VTS area</td> </tr> <tr> <td data-bbox="560 1485 655 1944">Yizheng Straight lane</td> <td data-bbox="560 813 655 1485">Upper bound is upper section of Yizheng Straight lane, lower bound is lower section of Yizheng Straight lane.</td> <td data-bbox="560 376 655 813">Outside of VTS area .</td> </tr> <tr> <td data-bbox="660 1485 756 1944">Taipingzhou Straight lane</td> <td data-bbox="660 813 756 1485">Upper bound is Wufengshan an zui and Jiangjiang triangle area, Lower bound is the left and right navigation buoy in Taipingzhou Straight lane.</td> <td data-bbox="660 376 756 813">Outside of VTS area.</td> </tr> </tbody> </table> <p>Anchorage and berthing area</p> <table border="1"> <thead> <tr> <th data-bbox="847 1485 893 1944">Name</th> <th data-bbox="847 813 893 1485">Area defined</th> <th data-bbox="847 376 893 813">Description</th> </tr> </thead> <tbody> <tr> <td data-bbox="898 1485 970 1944">Zhenjiang anchorage for sea-going vessels</td> <td data-bbox="898 813 970 1485">South side of connection line between Changjiang red buoy NO.93 and 94 in Kouan shortcut waterway.</td> <td data-bbox="898 376 970 813">For sea-going vessels.</td> </tr> <tr> <td data-bbox="975 1485 1046 1944">Zhenjiang Dingyizhou anchorage</td> <td data-bbox="975 813 1046 1485">South side of connection line between Changjiang NO.110 and 111 in Jiaoshan waterway.</td> <td data-bbox="975 376 1046 813">For barges.</td> </tr> <tr> <td data-bbox="1051 1485 1123 1944">Berthing area No.22</td> <td data-bbox="1051 813 1123 1485">Upper estuary of Taipingzhou in Taipingzhou shortcut waterway, outside of VTS area.</td> <td data-bbox="1051 376 1123 813">For small vessels.</td> </tr> <tr> <td data-bbox="1128 1485 1200 1944">Berthing area No.23</td> <td data-bbox="1128 813 1200 1485">Upper estuary of Hechangzhou in North branch of Hechangzhou, outside of VTS area.</td> <td data-bbox="1128 376 1200 813">For small vessels.</td> </tr> <tr> <td data-bbox="1204 1485 1276 1944">Berthing area No.24</td> <td data-bbox="1204 813 1276 1485">North side of connection line between Changjiang black buoy No. 118 and No.119.</td> <td data-bbox="1204 376 1276 813">For large vessels.</td> </tr> </tbody> </table>						Name	Area defined	Description	Main route	Buoy No.119 buoy to No. 90-1 buoy	VTS area	Yizheng Straight lane	Upper bound is upper section of Yizheng Straight lane, lower bound is lower section of Yizheng Straight lane.	Outside of VTS area .	Taipingzhou Straight lane	Upper bound is Wufengshan an zui and Jiangjiang triangle area, Lower bound is the left and right navigation buoy in Taipingzhou Straight lane.	Outside of VTS area.	Name	Area defined	Description	Zhenjiang anchorage for sea-going vessels	South side of connection line between Changjiang red buoy NO.93 and 94 in Kouan shortcut waterway.	For sea-going vessels.	Zhenjiang Dingyizhou anchorage	South side of connection line between Changjiang NO.110 and 111 in Jiaoshan waterway.	For barges.	Berthing area No.22	Upper estuary of Taipingzhou in Taipingzhou shortcut waterway, outside of VTS area.	For small vessels.	Berthing area No.23	Upper estuary of Hechangzhou in North branch of Hechangzhou, outside of VTS area.	For small vessels.	Berthing area No.24	North side of connection line between Changjiang black buoy No. 118 and No.119.	For large vessels.
Name	Area defined	Description																																	
Main route	Buoy No.119 buoy to No. 90-1 buoy	VTS area																																	
Yizheng Straight lane	Upper bound is upper section of Yizheng Straight lane, lower bound is lower section of Yizheng Straight lane.	Outside of VTS area .																																	
Taipingzhou Straight lane	Upper bound is Wufengshan an zui and Jiangjiang triangle area, Lower bound is the left and right navigation buoy in Taipingzhou Straight lane.	Outside of VTS area.																																	
Name	Area defined	Description																																	
Zhenjiang anchorage for sea-going vessels	South side of connection line between Changjiang red buoy NO.93 and 94 in Kouan shortcut waterway.	For sea-going vessels.																																	
Zhenjiang Dingyizhou anchorage	South side of connection line between Changjiang NO.110 and 111 in Jiaoshan waterway.	For barges.																																	
Berthing area No.22	Upper estuary of Taipingzhou in Taipingzhou shortcut waterway, outside of VTS area.	For small vessels.																																	
Berthing area No.23	Upper estuary of Hechangzhou in North branch of Hechangzhou, outside of VTS area.	For small vessels.																																	
Berthing area No.24	North side of connection line between Changjiang black buoy No. 118 and No.119.	For large vessels.																																	

Brief Introduction of Taizhou VTS

Taizhou VTS is consist of Taizhou VTS center and four radar stations involv-
ing Qiwei, Gaogang, Fudewei and Tiejiangang station.



VTS duty room



Taizhou VTS center



Gaogang AIS base station



Gaogang radar station



Fudewei radar station



Qiwei radar station



Tiejiangang radar station

System Description

Taizhou VTS Center

Postcode: 225300

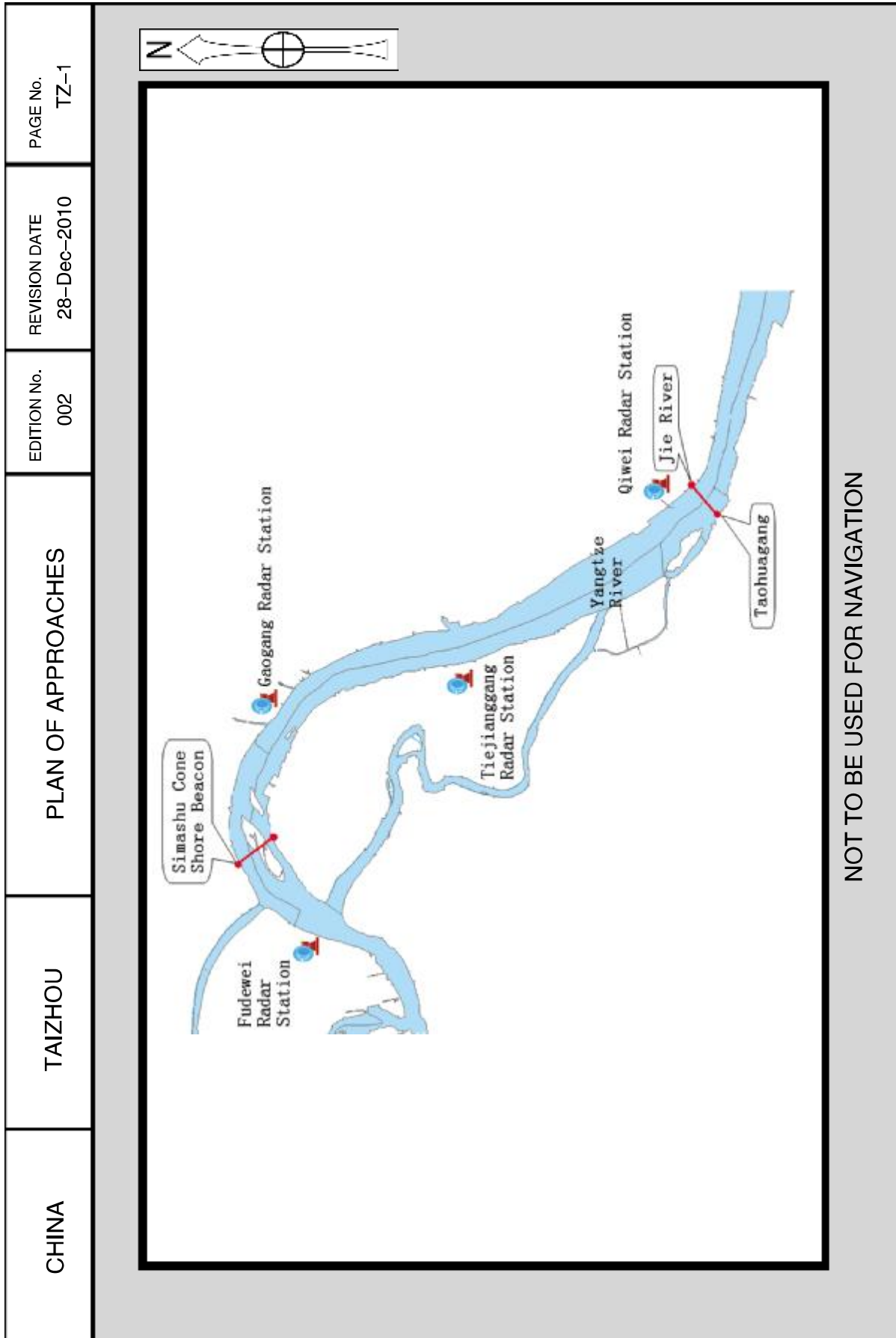
Post address: No.316, South Gulou road, Hailing district, Taizhou city

Fax: (0523)86398227

Tel: (0523)86981395;(0523)86398227;(0523)86687600

VTS Area

Water area starting from vertical connection line between Simashu cone shore beacon and its opposite bank downward to connection line between Tao-huagang and Jie estuary (from buoy No.91-1 to No.71).



NOT TO BE USED FOR NAVIGATION

CHINA	TAIZHOU	PLAN OF APPROACHES	EDITION No. 002	REVISION DATE 28-Dec-2010	PAGE No. TZ-2								
<table border="1"> <thead> <tr> <th data-bbox="443 1543 507 1944">Ship reporting</th> <th data-bbox="443 1207 507 1543">Traffic service</th> <th data-bbox="443 900 507 1207">Contact</th> <th data-bbox="443 371 507 900">Navigation rules</th> </tr> </thead> <tbody> <tr> <td data-bbox="515 1543 1023 1944"> Position check point Up stream: buoy No.71, T5. Down stream: buoy No.91-1, 87. </td> <td data-bbox="515 1207 1023 1543"> 1. Information broadcasting Via VHF channel 69. Time: 0930 ,1530 ,2130hrs 2. Other service: via VHF channel 10 or 69, service time: 0000-2400hrs. </td> <td data-bbox="515 900 1023 1207"> Call: Taizhou VTS center Via: 1. VHF channel 10 2. Tel: (0523)86981395 </td> <td data-bbox="515 371 1023 900"> 1. Speed limit: all upstream/downstream vessels shall navigate at speed of less than 8 knots/ 11 knots passing through water area of Taizhou bridge, Weitang ferry, Yangzhong ferry, curve section of Simawan. Vessels shall navigate with limited speed and due caution in water areas described above. 2. Restriction for overtaking: ship overtaking is prohibited when passing through water area of and Ligang ferry water area Taizhou bridge, Weitang ferry, Yangzhong ferry, curve section of Simawan. </td> </tr> </tbody> </table>						Ship reporting	Traffic service	Contact	Navigation rules	Position check point Up stream: buoy No.71, T5. Down stream: buoy No.91-1, 87.	1. Information broadcasting Via VHF channel 69. Time: 0930 ,1530 ,2130hrs 2. Other service: via VHF channel 10 or 69, service time: 0000-2400hrs.	Call: Taizhou VTS center Via: 1. VHF channel 10 2. Tel: (0523)86981395	1. Speed limit: all upstream/downstream vessels shall navigate at speed of less than 8 knots/ 11 knots passing through water area of Taizhou bridge, Weitang ferry, Yangzhong ferry, curve section of Simawan. Vessels shall navigate with limited speed and due caution in water areas described above. 2. Restriction for overtaking: ship overtaking is prohibited when passing through water area of and Ligang ferry water area Taizhou bridge, Weitang ferry, Yangzhong ferry, curve section of Simawan.
Ship reporting	Traffic service	Contact	Navigation rules										
Position check point Up stream: buoy No.71, T5. Down stream: buoy No.91-1, 87.	1. Information broadcasting Via VHF channel 69. Time: 0930 ,1530 ,2130hrs 2. Other service: via VHF channel 10 or 69, service time: 0000-2400hrs.	Call: Taizhou VTS center Via: 1. VHF channel 10 2. Tel: (0523)86981395	1. Speed limit: all upstream/downstream vessels shall navigate at speed of less than 8 knots/ 11 knots passing through water area of Taizhou bridge, Weitang ferry, Yangzhong ferry, curve section of Simawan. Vessels shall navigate with limited speed and due caution in water areas described above. 2. Restriction for overtaking: ship overtaking is prohibited when passing through water area of and Ligang ferry water area Taizhou bridge, Weitang ferry, Yangzhong ferry, curve section of Simawan.										

CHINA	TAIZHOU	PLAN OF APPROACHES	EDITION No. 002	REVISION DATE 28-Dec-2010	PAGE No. TZ-3
Routes					
Name	Location	Description			
Main route	From buoy No.71 to 91-1	Main route is comprised of Kouan shortcut waterway and Taixing waterway.			
Anchorage and berth area					
Name	Location	Description			
Changzhou anchorage for vessels carrying hazardous goods	North side of black buoy No.75 in Taixing waterway.	For vessels carrying hazardous goods.			
Changzhou harbor anchorage	North side of black buoy No.76 in Taixing waterway.	For sea-going vessels.			
Taizhou anchorage for sea-going vessels	North side of black buoy No.82-83 in Kouan shortcut waterway.	For sea-going vessels.			
NO. 19 berth area	North side of black buoy No.77-T1.	For large vessels.			

CHINA	TAIZHOU	PLAN OF APPROACHES	EDITION No. 002	REVISION DATE 28-Dec-2010	PAGE No. TZ-4																								
<table border="1"> <thead> <tr> <th colspan="2" data-bbox="387 371 722 483">Ferry water area</th> </tr> <tr> <th data-bbox="467 1603 515 1939">Name</th> <th data-bbox="467 371 515 1603">Location</th> </tr> </thead> <tbody> <tr> <td data-bbox="515 1603 595 1939">Weitang ferry water area</td> <td data-bbox="515 371 595 1603">Upboundary: 300 meters up connection line between red and black buoy No.72 . Downboundary: 800 meters up connection line between red and black buoy No.71.</td> </tr> <tr> <td data-bbox="595 1603 691 1939">Yangzhong ferry water area</td> <td data-bbox="595 371 691 1603">Upboundary: 400 meters up connection line between Gaogang pump wharf and Erdlungang estuary at south bank. Downboundary: connection line between water tower of ship yard at north bank and Yangzhong water factory at south bank.</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="2" data-bbox="722 371 818 1939">Port service</th> </tr> <tr> <th data-bbox="818 1346 866 1939">Name</th> <th data-bbox="818 371 866 1346">Contact</th> </tr> </thead> <tbody> <tr> <td data-bbox="866 1346 946 1939">Changjiang pilot center(Jiangyin)</td> <td data-bbox="866 371 946 1346">Tel:(0510)86848810.</td> </tr> <tr> <td data-bbox="946 1346 1026 1939">Zhenjiang pilot station</td> <td data-bbox="946 371 1026 1346">Tel:(0511)85317966,(0511)85317567.</td> </tr> <tr> <td data-bbox="1026 1346 1106 1939">Taizhou communication administration department</td> <td data-bbox="1026 371 1106 1346">VHF: channel 20,(0523)82103141.</td> </tr> <tr> <td data-bbox="1106 1346 1185 1939">Tug coordination of Taizhou port</td> <td data-bbox="1106 371 1185 1346">VHF: channel 11,(0523)82103229.</td> </tr> <tr> <td data-bbox="1185 1346 1265 1939">China ocean shipping agency taizhou Co., Ltd.</td> <td data-bbox="1185 371 1265 1346">Tel:(0523)86883419.</td> </tr> <tr> <td data-bbox="1265 1346 1345 1939">China marine shipping agency taizhou Co., Ltd.</td> <td data-bbox="1265 371 1345 1346">Tel:(0523)82103153.</td> </tr> </tbody> </table>						Ferry water area		Name	Location	Weitang ferry water area	Upboundary: 300 meters up connection line between red and black buoy No.72 . Downboundary: 800 meters up connection line between red and black buoy No.71.	Yangzhong ferry water area	Upboundary: 400 meters up connection line between Gaogang pump wharf and Erdlungang estuary at south bank. Downboundary: connection line between water tower of ship yard at north bank and Yangzhong water factory at south bank.	Port service		Name	Contact	Changjiang pilot center(Jiangyin)	Tel:(0510)86848810.	Zhenjiang pilot station	Tel:(0511)85317966,(0511)85317567.	Taizhou communication administration department	VHF: channel 20,(0523)82103141.	Tug coordination of Taizhou port	VHF: channel 11,(0523)82103229.	China ocean shipping agency taizhou Co., Ltd.	Tel:(0523)86883419.	China marine shipping agency taizhou Co., Ltd.	Tel:(0523)82103153.
Ferry water area																													
Name	Location																												
Weitang ferry water area	Upboundary: 300 meters up connection line between red and black buoy No.72 . Downboundary: 800 meters up connection line between red and black buoy No.71.																												
Yangzhong ferry water area	Upboundary: 400 meters up connection line between Gaogang pump wharf and Erdlungang estuary at south bank. Downboundary: connection line between water tower of ship yard at north bank and Yangzhong water factory at south bank.																												
Port service																													
Name	Contact																												
Changjiang pilot center(Jiangyin)	Tel:(0510)86848810.																												
Zhenjiang pilot station	Tel:(0511)85317966,(0511)85317567.																												
Taizhou communication administration department	VHF: channel 20,(0523)82103141.																												
Tug coordination of Taizhou port	VHF: channel 11,(0523)82103229.																												
China ocean shipping agency taizhou Co., Ltd.	Tel:(0523)86883419.																												
China marine shipping agency taizhou Co., Ltd.	Tel:(0523)82103153.																												

Brief Introduction of Jiangyin VTS

Jiangyin VTS is comprised of Jiangyin VTS center and Ebizui radar station and Qiwei radar station.



Jiangyin VTS center



Ebizui radar station



Jiangyin Yangtze River Bridge



Qiwei radar station

System Description

Jiangyin VTS Center

Postcode: 214431

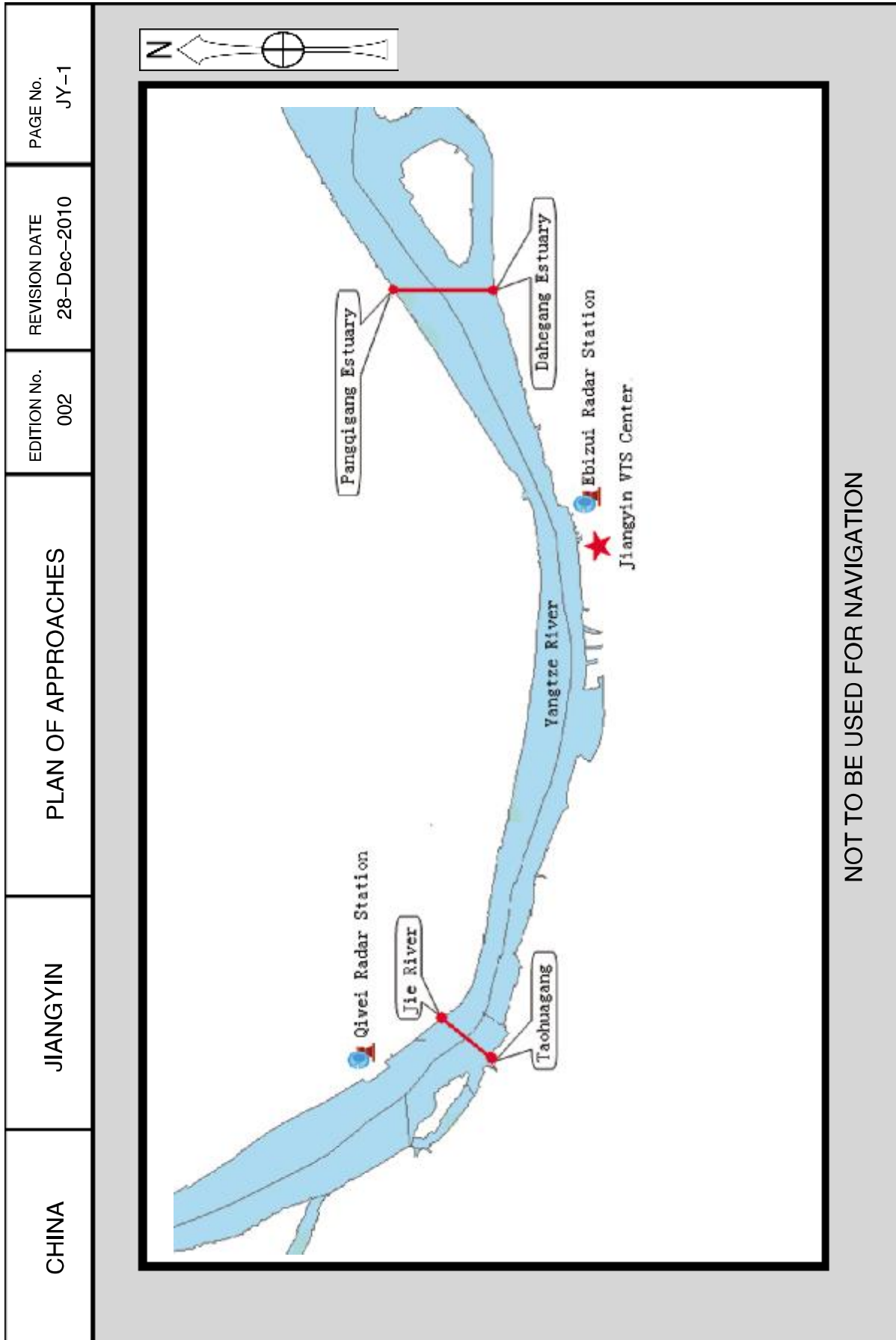
Postal Address: 207#,Middle Binjiang road, Jiangyin City, Jiangsu Province

Fax: (0510)86853912

Contact: (0510)86856348 ,(0510)86847964

VTS Area

Jiangyin VTS area is water area between boundary line connecting Taohua-gang (south bank) and Jie river (north bank) (buoy No.71 connection line) and boundary line connecting Dahegang (south bank) and Pangqigang (north bank) (buoy No. 58 connection line) (note: radar blind area starts from Huangshan mountain downwards of Jiangyin bridge of Yangze river at south bank downwards to buoy No. 58)



NOT TO BE USED FOR NAVIGATION

CHINA	JIANGYIN	PLAN OF APPROACHES		EDITION No. 002	REVISION DATE 28-Dec-2010	PAGE No. JY-2								
<table border="1"> <thead> <tr> <th data-bbox="419 1541 475 1948">Ship reporting</th> <th data-bbox="419 1205 475 1541">Traffic service</th> <th data-bbox="419 896 475 1205">Contact</th> <th data-bbox="419 371 475 896">Navigation rules</th> </tr> </thead> <tbody> <tr> <td data-bbox="483 1541 638 1948"> Position check point Up stream: buoy No.58 or buoy No. 14 in north Fujiangsha waterway Down stream: buoy No.71 </td> <td data-bbox="483 1205 638 1541"> 1.Information broadcasting Via VHF channel 69 Time: 0830, 1230, 1630hrs 2. Other service: VHF channel 09 or VHF channel 69, working from 0000 to 2400hrs. </td> <td data-bbox="483 896 638 1205"> Call:Jiangyin VTS center Via: 1. VHF channel 09 2.telephone0510-86856348 </td> <td data-bbox="483 371 1297 896"> 1. Speed limit: The top speed of upstream vessels shall not exceed 8 knots, and the top speed of downstream vessels shall not exceed 11 knots when vessels arrive upbound or downbound of water area of Jiangyin train ferry, Jiugaigang ferry, Huangtiangang ferry and Ligang ferry. Vessels shall navigate with safe speed and caution in water area described above. The top speed of downstream vessels shall not exceed 15 knots May 1 to October 31 and not exceed 13 knots in other months. The top speed of upstream vessels shall not exceed 12 knots. The top speed of upstream vessels shall not exceed 15 knots from May 1 to October 31 navigating in other water area. The top speed of downstream vessels shall not exceed 13 knots and upstream vessels shall not exceed 12 knots in other months navigating in other water area. The speed shall not be less than 4km per hour when vessels navigating in Jiagsu section of Yangtze River. 2. Restrictions of overtaking: Vessels overtaking at water areas of Jiangyin train ferry, Jiugaigang ferry, Huangtiangang ferry and Ligang ferry are prohibited. 3. Restrictions of turning round: All vessels are prohibited turning round at the water area of jiangyin bridge. Vessels or fleets with the length above 110 meters are prohibited turning round at the water area of Huangtiangang ferry and Jiugaigang ferry. </td> </tr> </tbody> </table>							Ship reporting	Traffic service	Contact	Navigation rules	Position check point Up stream: buoy No.58 or buoy No. 14 in north Fujiangsha waterway Down stream: buoy No.71	1.Information broadcasting Via VHF channel 69 Time: 0830, 1230, 1630hrs 2. Other service: VHF channel 09 or VHF channel 69, working from 0000 to 2400hrs.	Call:Jiangyin VTS center Via: 1. VHF channel 09 2.telephone0510-86856348	1. Speed limit: The top speed of upstream vessels shall not exceed 8 knots, and the top speed of downstream vessels shall not exceed 11 knots when vessels arrive upbound or downbound of water area of Jiangyin train ferry, Jiugaigang ferry, Huangtiangang ferry and Ligang ferry. Vessels shall navigate with safe speed and caution in water area described above. The top speed of downstream vessels shall not exceed 15 knots May 1 to October 31 and not exceed 13 knots in other months. The top speed of upstream vessels shall not exceed 12 knots. The top speed of upstream vessels shall not exceed 15 knots from May 1 to October 31 navigating in other water area. The top speed of downstream vessels shall not exceed 13 knots and upstream vessels shall not exceed 12 knots in other months navigating in other water area. The speed shall not be less than 4km per hour when vessels navigating in Jiagsu section of Yangtze River. 2. Restrictions of overtaking: Vessels overtaking at water areas of Jiangyin train ferry, Jiugaigang ferry, Huangtiangang ferry and Ligang ferry are prohibited. 3. Restrictions of turning round: All vessels are prohibited turning round at the water area of jiangyin bridge. Vessels or fleets with the length above 110 meters are prohibited turning round at the water area of Huangtiangang ferry and Jiugaigang ferry.
Ship reporting	Traffic service	Contact	Navigation rules											
Position check point Up stream: buoy No.58 or buoy No. 14 in north Fujiangsha waterway Down stream: buoy No.71	1.Information broadcasting Via VHF channel 69 Time: 0830, 1230, 1630hrs 2. Other service: VHF channel 09 or VHF channel 69, working from 0000 to 2400hrs.	Call:Jiangyin VTS center Via: 1. VHF channel 09 2.telephone0510-86856348	1. Speed limit: The top speed of upstream vessels shall not exceed 8 knots, and the top speed of downstream vessels shall not exceed 11 knots when vessels arrive upbound or downbound of water area of Jiangyin train ferry, Jiugaigang ferry, Huangtiangang ferry and Ligang ferry. Vessels shall navigate with safe speed and caution in water area described above. The top speed of downstream vessels shall not exceed 15 knots May 1 to October 31 and not exceed 13 knots in other months. The top speed of upstream vessels shall not exceed 12 knots. The top speed of upstream vessels shall not exceed 15 knots from May 1 to October 31 navigating in other water area. The top speed of downstream vessels shall not exceed 13 knots and upstream vessels shall not exceed 12 knots in other months navigating in other water area. The speed shall not be less than 4km per hour when vessels navigating in Jiagsu section of Yangtze River. 2. Restrictions of overtaking: Vessels overtaking at water areas of Jiangyin train ferry, Jiugaigang ferry, Huangtiangang ferry and Ligang ferry are prohibited. 3. Restrictions of turning round: All vessels are prohibited turning round at the water area of jiangyin bridge. Vessels or fleets with the length above 110 meters are prohibited turning round at the water area of Huangtiangang ferry and Jiugaigang ferry.											

CHINA	JIANGYIN	PLAN OF APPROACHES	EDITION No. 002	REVISION DATE 28-Dec-2010	PAGE No. JY-3									
<p>Routes</p> <table border="1"> <thead> <tr> <th data-bbox="464 1543 520 1942">Name of channel</th> <th data-bbox="464 1005 520 1543">Geographical position</th> <th data-bbox="464 371 520 1005">Description</th> </tr> </thead> <tbody> <tr> <td data-bbox="520 1543 620 1942">Jiangyin waterway</td> <td data-bbox="520 1005 620 1543">Starting from Buoy No.71 downwards to Buoy No. 61.</td> <td data-bbox="520 371 620 1005">Strait waterway, setting buoys based on ship's routing system in Jiangsu section of Yangtze River, the depth of waterway is up to 10.5m.</td> </tr> <tr> <td data-bbox="620 1543 721 1942">Upper section of Fujiangsha waterway</td> <td data-bbox="620 1005 721 1543">Down buoy No. 61.</td> <td data-bbox="620 371 721 1005">Converge area of Jiangyin waterway, south Fujiangsha channel and north Fujiangsha waterway, dredging depth of channel is up to 10.5m.</td> </tr> </tbody> </table> <p>Anchorage and berthing area</p>						Name of channel	Geographical position	Description	Jiangyin waterway	Starting from Buoy No.71 downwards to Buoy No. 61.	Strait waterway, setting buoys based on ship's routing system in Jiangsu section of Yangtze River, the depth of waterway is up to 10.5m.	Upper section of Fujiangsha waterway	Down buoy No. 61.	Converge area of Jiangyin waterway, south Fujiangsha channel and north Fujiangsha waterway, dredging depth of channel is up to 10.5m.
Name of channel	Geographical position	Description												
Jiangyin waterway	Starting from Buoy No.71 downwards to Buoy No. 61.	Strait waterway, setting buoys based on ship's routing system in Jiangsu section of Yangtze River, the depth of waterway is up to 10.5m.												
Upper section of Fujiangsha waterway	Down buoy No. 61.	Converge area of Jiangyin waterway, south Fujiangsha channel and north Fujiangsha waterway, dredging depth of channel is up to 10.5m.												

CHINA	JIANGYIN	PLAN OF APPROACHES	EDITION No. 002	REVISION DATE 28-Dec-2010	PAGE No. JY-4
Anchorage and berthing area					
Name	Location	Description			
Jiangyin anchorage for sea-going ships (anchorage No.12)	North Fujiangsha waterway, south of buoy No. FB# 10 A N32° 00' 09.34" E120° 22' 23.11" B N32° 01' 26.86" E120° 23' 50.35" C N32° 01' 12.46" E120° 24' 07.93" D N31° 59' 54.65" E120° 22' 40.88"	Sea-going ships carrying non-hazardous goods.			
Jiangyin public anchorage (anchorage No.15	North side of buoy #63 (WGS 54) A X:3534717.4, Y:40520361.9 B X:3535098.8, Y:40520383.5 C X:3534802.8, Y:40517892.6 D X:3535192.6, Y:40517920.2	Small craft			
Temporary berthing area No.14	Water area north side of connection line between black buoy NO.64 and No.65.	Temporary berthing area for sea-going ships.			
Temporary berthing area No.15h	Water area north side of connection line between black buoy No.66 and No.67.	Temporary berthing area for sea-going ships			

CHINA	JIANGYIN	PLAN OF APPROACHES	EDITION No. 002	REVISION DATE 28-Dec-2010	PAGE No. JY-5												
<table border="1"> <thead> <tr> <th colspan="2" data-bbox="386 376 475 1951">Ferry water area</th> </tr> <tr> <th data-bbox="475 1503 539 1951">Name</th> <th data-bbox="475 376 539 1503">LocationDescription</th> </tr> </thead> <tbody> <tr> <td data-bbox="539 1503 643 1951">Ferry area from Ligang to Jiagang</td> <td data-bbox="539 376 643 1503">Upper bound: connection line between #68 black buoy and Lidianyuan at south bank. Lower bound: connection line between #67 black and red buoy.</td> </tr> <tr> <td data-bbox="643 1503 746 1951">Ferry area from Huangtian gang to Bawei</td> <td data-bbox="643 376 746 1503">Upper bound: connection line between #62 black and red buoy. Lower bound: connection line between north Jinglat water tower and south Jiangyin shipyard.</td> </tr> <tr> <td data-bbox="746 1503 850 1951">Ferry area from Jiuwei to Jiucaigang</td> <td data-bbox="746 376 850 1503">Merged with ferry from Huangtiangang to Bawei</td> </tr> <tr> <td data-bbox="850 1503 954 1951">Jiangyin train ferry area</td> <td data-bbox="850 376 954 1503">Upper bound: connecting line between north Xiaotiagang and south Xiaoshan hydrological station. Lower bound: connection line between 600m above black buoy of FB 14 and Dalte gang at south bank.</td> </tr> </tbody> </table>						Ferry water area		Name	LocationDescription	Ferry area from Ligang to Jiagang	Upper bound: connection line between #68 black buoy and Lidianyuan at south bank. Lower bound: connection line between #67 black and red buoy.	Ferry area from Huangtian gang to Bawei	Upper bound: connection line between #62 black and red buoy. Lower bound: connection line between north Jinglat water tower and south Jiangyin shipyard.	Ferry area from Jiuwei to Jiucaigang	Merged with ferry from Huangtiangang to Bawei	Jiangyin train ferry area	Upper bound: connecting line between north Xiaotiagang and south Xiaoshan hydrological station. Lower bound: connection line between 600m above black buoy of FB 14 and Dalte gang at south bank.
Ferry water area																	
Name	LocationDescription																
Ferry area from Ligang to Jiagang	Upper bound: connection line between #68 black buoy and Lidianyuan at south bank. Lower bound: connection line between #67 black and red buoy.																
Ferry area from Huangtian gang to Bawei	Upper bound: connection line between #62 black and red buoy. Lower bound: connection line between north Jinglat water tower and south Jiangyin shipyard.																
Ferry area from Jiuwei to Jiucaigang	Merged with ferry from Huangtiangang to Bawei																
Jiangyin train ferry area	Upper bound: connecting line between north Xiaotiagang and south Xiaoshan hydrological station. Lower bound: connection line between 600m above black buoy of FB 14 and Dalte gang at south bank.																

CHINA	JIANGYIN	PLAN OF APPROACHES	EDITION No. 002	REVISION DATE 28-Dec-2010	PAGE No. JY-6																		
Port service <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th data-bbox="485 1272 539 1944">Name</th> <th data-bbox="485 376 539 1272">LocationDescription</th> </tr> </thead> <tbody> <tr> <td data-bbox="539 1272 624 1944">Jiangyin pilot station</td> <td data-bbox="539 376 624 1272">Tel:(0510)88838078 ,Fax:(0510)88838070 ,VHF: channel 09.</td> </tr> <tr> <td data-bbox="624 1272 708 1944">Jiangyin call center</td> <td data-bbox="624 376 708 1272">Tel:(0510)86847100 ,VHF: channel 28.</td> </tr> <tr> <td data-bbox="708 1272 793 1944">Xinan Shipping Ltd.</td> <td data-bbox="708 376 793 1272">Tel:(0510)86842435 ,Fax: (0510)86631177 , VHF: channel 14.</td> </tr> <tr> <td data-bbox="793 1272 877 1944">Shunan company</td> <td data-bbox="793 376 877 1272">Tel:(0510)86855823 , (0510)83981991.</td> </tr> <tr> <td data-bbox="877 1272 962 1944">Chenggang ship service company</td> <td data-bbox="877 376 962 1272">Tel:(0510)86881310 ,Fax: (0510)86881310.</td> </tr> <tr> <td data-bbox="962 1272 1046 1944">Jiangyin harbor bureau</td> <td data-bbox="962 376 1046 1272">Tel:(0510)86021025 , VHF: channel 69.</td> </tr> <tr> <td data-bbox="1046 1272 1131 1944">China ocean shipping agency jiangyin Co., Ltd.</td> <td data-bbox="1046 376 1131 1272">Tel:(0510)86841025.</td> </tr> <tr> <td data-bbox="1131 1272 1216 1944">China marine shipping agencyjiangyin Co., Ltd.</td> <td data-bbox="1131 376 1216 1272">Tel:(0510)86021365.</td> </tr> </tbody> </table>						Name	LocationDescription	Jiangyin pilot station	Tel:(0510)88838078 ,Fax:(0510)88838070 ,VHF: channel 09.	Jiangyin call center	Tel:(0510)86847100 ,VHF: channel 28.	Xinan Shipping Ltd.	Tel:(0510)86842435 ,Fax: (0510)86631177 , VHF: channel 14.	Shunan company	Tel:(0510)86855823 , (0510)83981991.	Chenggang ship service company	Tel:(0510)86881310 ,Fax: (0510)86881310.	Jiangyin harbor bureau	Tel:(0510)86021025 , VHF: channel 69.	China ocean shipping agency jiangyin Co., Ltd.	Tel:(0510)86841025.	China marine shipping agencyjiangyin Co., Ltd.	Tel:(0510)86021365.
Name	LocationDescription																						
Jiangyin pilot station	Tel:(0510)88838078 ,Fax:(0510)88838070 ,VHF: channel 09.																						
Jiangyin call center	Tel:(0510)86847100 ,VHF: channel 28.																						
Xinan Shipping Ltd.	Tel:(0510)86842435 ,Fax: (0510)86631177 , VHF: channel 14.																						
Shunan company	Tel:(0510)86855823 , (0510)83981991.																						
Chenggang ship service company	Tel:(0510)86881310 ,Fax: (0510)86881310.																						
Jiangyin harbor bureau	Tel:(0510)86021025 , VHF: channel 69.																						
China ocean shipping agency jiangyin Co., Ltd.	Tel:(0510)86841025.																						
China marine shipping agencyjiangyin Co., Ltd.	Tel:(0510)86021365.																						

Brief Introduction of Zhangjiagang VTS

Zhangjiagang VTS is consist of Zhangjiagang VTS center, Fujiangsha radar station, Jiaogang radar station and Kaisha radar station.



Zhangjiagang MSA



Zhangjiagang VTS center



Zhangjiagang VTS center



Monitoring command hall



Fujiangsha radar station



Jiaogang radar station

System Description

Zhangjiagang VTS Center

Postcode: 215633

Post address: No.128,Center Changjiang road, Jinggang , Zhangjiagang city, Jiangsu province.

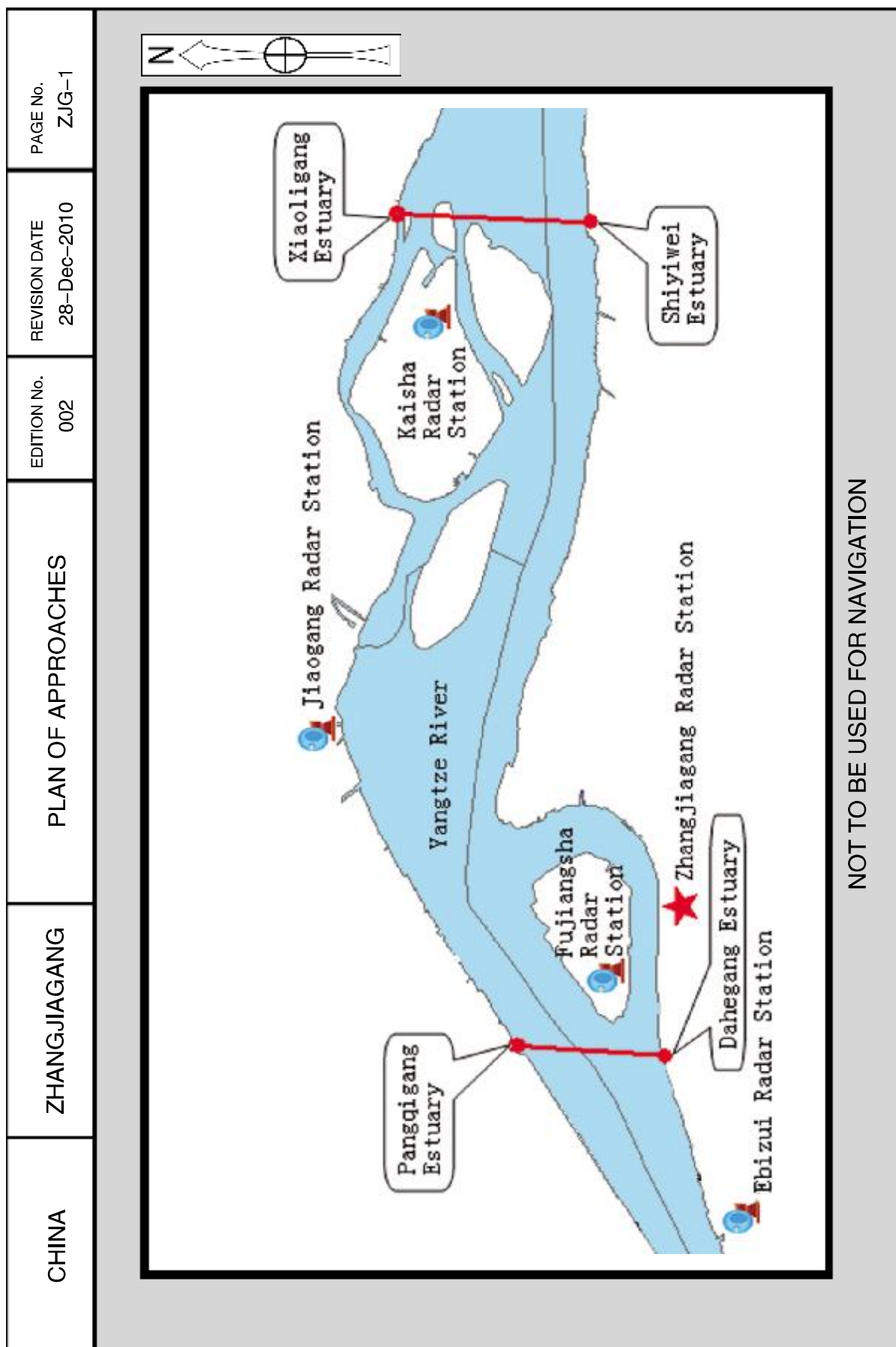
Fax: (0512)58931992

Tel: (0512)82509300 、 (0512)82509301 、(0512)58330432.

VHF channel: CH10、CH69.

VTS Area

Water area starting from connection line between Dahegang estuary to Pangqigang estuary downward to connection line between Shiyiwei estuary and Xiaoligang estuary (from Buoy NO.36 to NO.58).



NOT TO BE USED FOR NAVIGATION

CHINA	ZHANGJIAGANG	PLAN OF APPROACHES		EDITION No. 002	REVISION DATE 28-Dec-2010	PAGE No. ZJG-2
<p>Ship reporting</p> <p>Position check point 1. Up stream vessel position check point. 1) Buoy No.37 in Linbaisha waterway. 2) Buoy No.42 in Linbaisha waterway. 3) FB buoy No.4 in North Fujiangsha waterway. 2. Down stream check point. 1) Jiangyin bridge. 2) Buoy No.58 in South Fujiangsha waterway. 3) FB buoy No.14 in center Fujiangsha waterway. 4) FB buoy No.14 in North Fujiangsha waterway.</p>		<p>Traffic service</p> <p>1. Information broadcasting Via VHF channel 69 Time: 0900,1500,2100hrs 0900 时 ,1500 时 ,2100 时 2. Other service: VHF channel 69, working time from 0000 to 2400hrs.</p>	<p>Contact</p> <p>Call: Zhangjiagang VTS Via: VHF channel 69, 10 or telephone (0512)82509301。</p>	<p>Navigation rules</p> <p>1. Speed limit: The top speed of upstream vessels shall not exceed 8 knots, and the top speed of downstream vessels shall not exceed 11 knots when vessels arrive upboundary or downboundary of water area of Zhanggao ferry, Shuangshan ferry. Vessels shall navigate with safe speed and caution in water area described above. The top speed of downstream vessels shall not exceed 15 knots May 1 to October 31 and not exceed 13 knots in other months. The top speed of upstream vessels shall not exceed 12 knots. The top speed of upstream vessels shall not exceed 9 knots and downstream vessels shall not exceed 12 knots when navigating through lower estuary of Daxin special purpose route, lower estuary of North and south Fujiangsha waterway and south Fujiangsha waterway. The top speed of upstream vessels shall not exceed 15 knots from May 1 to October 31 navigating in other water area. The top speed of downstream vessels shall not exceed 13 knots and upstream vessels shall not exceed 12 knots in other months navigating in other water area. The speed shall not be less than 4km per hour when vessels navigating in Jiangsu section of Yangze river. 2. Restrictions of overtaking. Vessels overtaking at FB buoy No. 4 to 7 of North Fujiangsha waterway are prohibited. Vessels of 3000 gross tonnage and above, fleets of 3000 deadweight and above are prohibited overtaking at the water area of FB buoy No.4 to 7 in North Fujiangsha waterway, South Fujiangsha waterway and upper and lower estuary of South Fujiangsha waterway (from buoy No. 44 to 59). 3. Restrictions of turning round. All vessels are prohibited turning round at the traffic control water area of South Fujiangsha waterway and lower estuary of South Fujiangsha waterway. Vessels with the length above 110 meters and fleets are prohibited turning round at the water area of north Fujiangsha waterway.</p>		

CHINA	ZHANGJIAGANG	PLAN OF APPROACHES	EDITION No. 002	REVISION DATE 28-Dec-2010	PAGE No. ZJG-3
Routes					
Name	Location	Description			
South Fujiangsha waterway	From two-way traffic buoy No.45 to black buoy No.58.	The width of 200-400 meters, the depth of 10.5 meters below the theoretical lowest tide level.			
Central Fujiangsha waterway	From two-way traffic buoy No.45 to FB red buoy No.14.	The width of 200-500 meters, the depth of 4.5 meters below the theoretical lowest tide level.			
North Fujiangsha waterway	From FB black buoy No.1 to FB two-way traffic buoy No.12-1.	The width of 350-500 meters, the depth of 7.5 meters below the theoretical lowest tide level.			
Linhaisha waterway	From red buoy No.36-45.	The width of 500 meters, the depth of 10.5 meters below the theoretical lowest tide level.			
Daxin public channel	From left-right buoy No.38 to Daxin black buoy No.7.	The width of 200meters, the depth of 5.0-6.0 meters below the theoretical lowest tide level.			

CHINA	ZHANGJIAGANG	PLAN OF APPROACHES		EDITION No. 002	REVISION DATE 28-Dec-2010	PAGE No. ZJG-4
Anchorage and berthing area						
Name	Location	Description				
Zhangjiagang Tongsha anchorage for sea-going vessels (anchorage No.9)	South side of connection line between buoy No.33 and No.34.	For sea-going vessels.				
Zhangjiagang anchorage for vessels carrying hazardous goods (anchorage No.11)	North side of connection line between No.39 and No.41.	For vessel carrying hazardous goods.				
Jinjiang anchorage for sea-going vessels (anchorage No.12)	South side of connection line between FB10-1 and FB12.	For sea-going vessels.				
Berthing area No.8	North side of connection between black buoy No.34 and No.37.	For small vessels.				
Berthing area No.9	North side of up stream black buoy No.37.	For small vessels.				
Berthing area No.10	North side of connection line between black buoy No.51 and No.52.	For small vessels.				
Berthing area No.11	North side of connection line between black buoy No.54 and No.57.	For small vessels.				
Berthing area No.12	South side of connection line between FB red buoy No.6 and No.8 in North Fubei waterway .	For small vessels.				

CHINA	ZHANGJIAGANG	PLAN OF APPROACHES	EDITION No. 002	REVISION DATE 28-Dec-2010	PAGE No. ZJG-5
Water area of ferry					
Name		LocationDescription			
Shuangshan ferry		Upboundary: connection line between black buoy No.55 to Wushan triangulation point at south bank. Downboundary: Shuangshan cross-river cable.			
Gaozhang ferry		Upboundary :connection line between lowerboundary buoy of Zhangjiagang anchorage No.11 and Qiwei triangulation point at south bank. Downboundary: connection line between two-way traffic buoy No.38-1 to Daxin buoy No.1.			
Port service					
Name		LocationDescription			
Zhangjiagang pilot station		Tel: (0512)88837666, (0512)88837667			
Tug company of Zhangjiagang harbor		Tel: (0512)58319709, VHF: channel 14			
Zhangjiagang call center		Tel: (0512)88837113, VHF: channel 25			
Zhangjiagang anhang shipping agency		Tel: (0512)58951200			
China ocean shipping agency nantong Co., Ltd.		Tel: (0512)58332535			
China marine shipping agency nantong Co., Ltd.		Tel: (0512)58313103			

Brief Introduction of Nantong VTS

Nantong VTS is consist of Nantong VTS center and five radar stations involving Kaisha, Huangnishan, Baimao, Haimen and Liujiagang station.



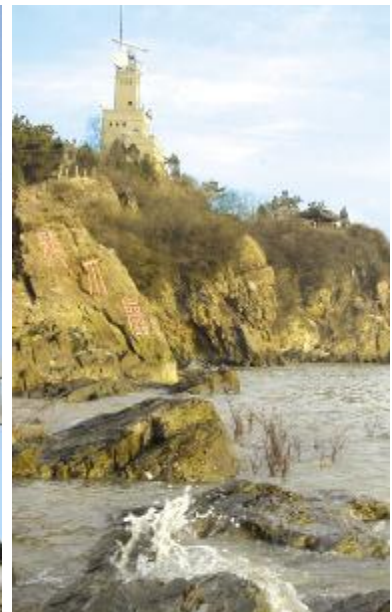
Nantong VTS center



Nantong VTS center



Haimen radar station



Huangnishan radar station



Kaisha radar station



Liujiagang radar station

System Description

Nantong VTS Center

Postcode: 226004

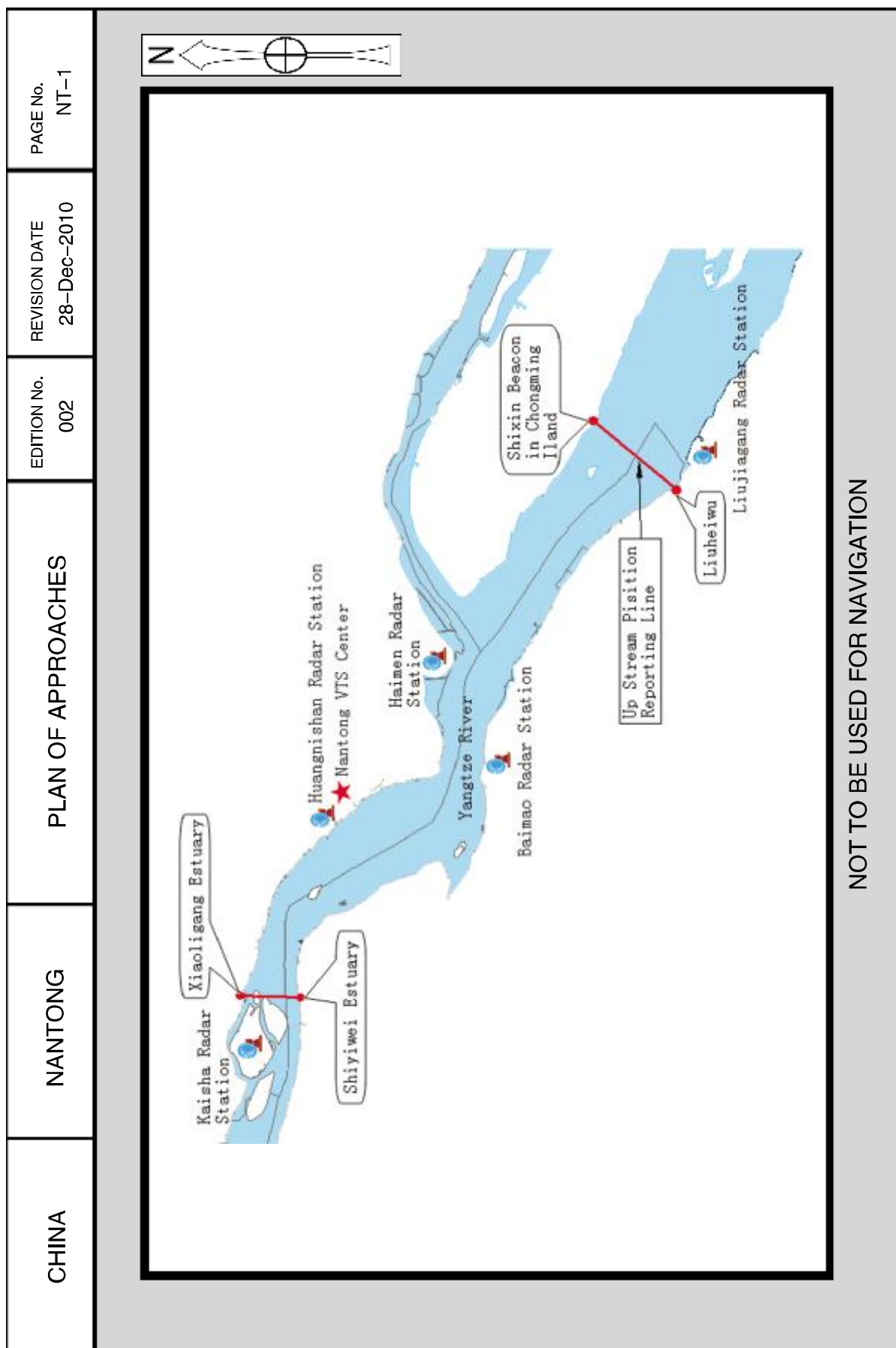
Postal address: No.90, Shanshui road, Nantong city, Jiangsu province

Fax: (0513)81150061

Tel:(0513)81150062 \、(0513)81150063 \、(0513)83529347.

VTS Area

Changjiang water area with the connection line between Shiyiwei estuary and Xiaoligang estuary as upper boundary and the connection line between Liuheiwu and Shixin Beacon in Chongming Island (from buoy NO.1 and buoy No.36), involving North Baimaasha waterway, Changsu harbor, Yongtai, Yinchuangang and Tianshenggang special purpose routes.



CHINA	NANTONG	PLAN OF APPROACHES	EDITION No. 002	REVISION DATE 28-Dec-2010	PAGE No. NT-2								
<table border="1"> <thead> <tr> <th data-bbox="416 1543 472 1951">Ship reporting</th> <th data-bbox="416 1234 472 1543">Traffic service</th> <th data-bbox="416 976 472 1234">Contact</th> <th data-bbox="416 371 472 976">Navigation rules</th> </tr> </thead> <tbody> <tr> <td data-bbox="483 1543 951 1951"> <p>1.Position reporting line: vessels up stream navigating through connection line between Liuheiwu and Shixin Beacon in Chongmin Island. (connection line buoy No.1)</p> <p>2.Position check point Up stream: buoy No.15 Down stream: 1) connection line between Shiyuei estuary and Xiaoligang estuary (connection line buoy No. 36); 2) buoy No.20.</p> <p>3. Position check point in Changshu harbor special purpose route. Check point at upper estuary: two-way traffic buoy No.6 of Sutong bridge water area. Check point at lower estuary: two-way traffic buoy No.13.</p> <p>4. Check point at Yongtai special purpose route: two-way traffic buoy No. 6 of Sutong bridge.</p> <p>5. Check point at Yinchuangang special purpose route: two-way traffic buoy No.5 of Sutong bridge water area</p> <p>6. Check point at Tiansheng harbor special purpose route: two-way traffic buoy No.30. Ships applicable: ships or fleet of 3000 gross tonnage and upwards or 735 kw main engine power and upwards, ships carrying chemical goods, LPG and other ships which need to be managed.</p> </td> <td data-bbox="483 1234 695 1543"> <p>1.Information broadcasting Via VHF channel 69 Time: 0830, 1430 hrs.</p> <p>2.Other service: Via VHF channel 10, 11 or 69, Time: 0000-2400hrs.</p> </td> <td data-bbox="483 976 823 1234"> <p>Call:Nantong VTS center Via: 1. VHF CH 10 below Sutong bridge and VHF CH 11 above Sutong bridge. 2. Tel: (0513)81150062 (0513)81150063 (0513)83529347</p> </td> <td data-bbox="483 371 1299 976"> <p>1. Speed limit: the top speed of upstream vessels shall not exceed 8 knots, and the top speed of downstream vessels shall not exceed 11 knots when vessels arrive upbound or downbound of water area of Sutong Bridge, Haitai Ferry and Tongsha Ferry. Vessels shall navigate with safe speed and caution in water area described above. The top speed of downstream vessels shall not exceed 15 knots May 1 to October 31 and not exceed 13 knots in other months. The top speed of upstream vessels shall not exceed 12 knots.</p> <p>The top speed of upstream vessels shall not exceed 9 knots and downstream vessels shall not exceed 12 knots when navigating through upper and lower estuary of Baimao waterway, water area between black buoy No.20 and Sutong bridge buoy No.1 in Tongzhouhua waterway.</p> <p>The top speed of upstream vessels shall not exceed 15 knots from May 1 to October 31 navigating in other water area.</p> <p>The top speed of downstream vessels shall not exceed 13 knots and upstream vessels shall not exceed 12 knots in other months navigating in other water area.</p> <p>The speed shall not be less than 4km per hour when vessels navigating in Jiangsu section of Yangtze River.</p> <p>2. Restrictions of overtaking: Vessels overtaking at Sutong Bridge are prohibited. Vessels of 3000 gross tonnage and above, fleets of 3000 deadweight and above are prohibited overtaking at the water area of Haitai Ferry, Tongchang Ferry and Tongsha Ferry. Vessels shall avoid overtaking at the water area of the lower estuary of Tianshenggang Special Channel of Nantong.</p> <p>3. Restrictions of turning round. All vessels are prohibited turning round at the water area of the estuary of Tonglv River, Tongchang Ferry, Sutong Bridge and the lower estuary of Yingchuangang Special Channel. Vessels or fleets with the length above 110 meters are prohibited turning round at the water area of Haitai Ferry.</p> </td> </tr> </tbody> </table>						Ship reporting	Traffic service	Contact	Navigation rules	<p>1.Position reporting line: vessels up stream navigating through connection line between Liuheiwu and Shixin Beacon in Chongmin Island. (connection line buoy No.1)</p> <p>2.Position check point Up stream: buoy No.15 Down stream: 1) connection line between Shiyuei estuary and Xiaoligang estuary (connection line buoy No. 36); 2) buoy No.20.</p> <p>3. Position check point in Changshu harbor special purpose route. Check point at upper estuary: two-way traffic buoy No.6 of Sutong bridge water area. Check point at lower estuary: two-way traffic buoy No.13.</p> <p>4. Check point at Yongtai special purpose route: two-way traffic buoy No. 6 of Sutong bridge.</p> <p>5. Check point at Yinchuangang special purpose route: two-way traffic buoy No.5 of Sutong bridge water area</p> <p>6. Check point at Tiansheng harbor special purpose route: two-way traffic buoy No.30. Ships applicable: ships or fleet of 3000 gross tonnage and upwards or 735 kw main engine power and upwards, ships carrying chemical goods, LPG and other ships which need to be managed.</p>	<p>1.Information broadcasting Via VHF channel 69 Time: 0830, 1430 hrs.</p> <p>2.Other service: Via VHF channel 10, 11 or 69, Time: 0000-2400hrs.</p>	<p>Call:Nantong VTS center Via: 1. VHF CH 10 below Sutong bridge and VHF CH 11 above Sutong bridge. 2. Tel: (0513)81150062 (0513)81150063 (0513)83529347</p>	<p>1. Speed limit: the top speed of upstream vessels shall not exceed 8 knots, and the top speed of downstream vessels shall not exceed 11 knots when vessels arrive upbound or downbound of water area of Sutong Bridge, Haitai Ferry and Tongsha Ferry. Vessels shall navigate with safe speed and caution in water area described above. The top speed of downstream vessels shall not exceed 15 knots May 1 to October 31 and not exceed 13 knots in other months. The top speed of upstream vessels shall not exceed 12 knots.</p> <p>The top speed of upstream vessels shall not exceed 9 knots and downstream vessels shall not exceed 12 knots when navigating through upper and lower estuary of Baimao waterway, water area between black buoy No.20 and Sutong bridge buoy No.1 in Tongzhouhua waterway.</p> <p>The top speed of upstream vessels shall not exceed 15 knots from May 1 to October 31 navigating in other water area.</p> <p>The top speed of downstream vessels shall not exceed 13 knots and upstream vessels shall not exceed 12 knots in other months navigating in other water area.</p> <p>The speed shall not be less than 4km per hour when vessels navigating in Jiangsu section of Yangtze River.</p> <p>2. Restrictions of overtaking: Vessels overtaking at Sutong Bridge are prohibited. Vessels of 3000 gross tonnage and above, fleets of 3000 deadweight and above are prohibited overtaking at the water area of Haitai Ferry, Tongchang Ferry and Tongsha Ferry. Vessels shall avoid overtaking at the water area of the lower estuary of Tianshenggang Special Channel of Nantong.</p> <p>3. Restrictions of turning round. All vessels are prohibited turning round at the water area of the estuary of Tonglv River, Tongchang Ferry, Sutong Bridge and the lower estuary of Yingchuangang Special Channel. Vessels or fleets with the length above 110 meters are prohibited turning round at the water area of Haitai Ferry.</p>
Ship reporting	Traffic service	Contact	Navigation rules										
<p>1.Position reporting line: vessels up stream navigating through connection line between Liuheiwu and Shixin Beacon in Chongmin Island. (connection line buoy No.1)</p> <p>2.Position check point Up stream: buoy No.15 Down stream: 1) connection line between Shiyuei estuary and Xiaoligang estuary (connection line buoy No. 36); 2) buoy No.20.</p> <p>3. Position check point in Changshu harbor special purpose route. Check point at upper estuary: two-way traffic buoy No.6 of Sutong bridge water area. Check point at lower estuary: two-way traffic buoy No.13.</p> <p>4. Check point at Yongtai special purpose route: two-way traffic buoy No. 6 of Sutong bridge.</p> <p>5. Check point at Yinchuangang special purpose route: two-way traffic buoy No.5 of Sutong bridge water area</p> <p>6. Check point at Tiansheng harbor special purpose route: two-way traffic buoy No.30. Ships applicable: ships or fleet of 3000 gross tonnage and upwards or 735 kw main engine power and upwards, ships carrying chemical goods, LPG and other ships which need to be managed.</p>	<p>1.Information broadcasting Via VHF channel 69 Time: 0830, 1430 hrs.</p> <p>2.Other service: Via VHF channel 10, 11 or 69, Time: 0000-2400hrs.</p>	<p>Call:Nantong VTS center Via: 1. VHF CH 10 below Sutong bridge and VHF CH 11 above Sutong bridge. 2. Tel: (0513)81150062 (0513)81150063 (0513)83529347</p>	<p>1. Speed limit: the top speed of upstream vessels shall not exceed 8 knots, and the top speed of downstream vessels shall not exceed 11 knots when vessels arrive upbound or downbound of water area of Sutong Bridge, Haitai Ferry and Tongsha Ferry. Vessels shall navigate with safe speed and caution in water area described above. The top speed of downstream vessels shall not exceed 15 knots May 1 to October 31 and not exceed 13 knots in other months. The top speed of upstream vessels shall not exceed 12 knots.</p> <p>The top speed of upstream vessels shall not exceed 9 knots and downstream vessels shall not exceed 12 knots when navigating through upper and lower estuary of Baimao waterway, water area between black buoy No.20 and Sutong bridge buoy No.1 in Tongzhouhua waterway.</p> <p>The top speed of upstream vessels shall not exceed 15 knots from May 1 to October 31 navigating in other water area.</p> <p>The top speed of downstream vessels shall not exceed 13 knots and upstream vessels shall not exceed 12 knots in other months navigating in other water area.</p> <p>The speed shall not be less than 4km per hour when vessels navigating in Jiangsu section of Yangtze River.</p> <p>2. Restrictions of overtaking: Vessels overtaking at Sutong Bridge are prohibited. Vessels of 3000 gross tonnage and above, fleets of 3000 deadweight and above are prohibited overtaking at the water area of Haitai Ferry, Tongchang Ferry and Tongsha Ferry. Vessels shall avoid overtaking at the water area of the lower estuary of Tianshenggang Special Channel of Nantong.</p> <p>3. Restrictions of turning round. All vessels are prohibited turning round at the water area of the estuary of Tonglv River, Tongchang Ferry, Sutong Bridge and the lower estuary of Yingchuangang Special Channel. Vessels or fleets with the length above 110 meters are prohibited turning round at the water area of Haitai Ferry.</p>										

CHINA	NANTONG	PLAN OF APPROACHES	EDITION No. 002	REVISION DATE 28-Dec-2010	PAGE No. NT-3
-------	---------	--------------------	--------------------	------------------------------	------------------

Name	Location	Description
Main route	From buoy No.1 to No.36	Main route is comprised of Liuhaisha waterway, Nantong waterway, Tongzhousha waterway, Baimaosha waterway and Liuhe waterway.
North Baimaosha waterway	From buoy No.1 to buoy No.12 in North Baimaosha waterway	North Baimaosha waterway is special route for vessels navigating inland, with the depth of 4.5 meters below the theoretical lowest tide level, the narrowest width of 600 meters.
Changshu harbor special purpose route	two-way traffic buoy No.13 to buoy No.16	Southside of Sutong bridge main route, with the depth of 7.0 meters below the theoretical lowest tide level, the width of 200 meters.
Yongtai special purpose route	From buoy No.1 to No.9 in Yongtai special purpose route	Westside of Tongzhousha waterway and starting from Yonglian wharf downwards to two-way traffic buoy No.6 of Sutong bridge water area, with length of 15 km, depth of 10 -22 meters, marked depth of 10.5 meters, width of 300 meters up buoy No.4 of Yonggang and 200 meters at Changshu anchorage section (from Yonggang buoy No.1 to No.4)
Ying-huangang special purpose route	From Ying buoy No.1 to No.11	From two-way traffic buoy No.5 of Sutong bridge water area to Y red buoy No.11 with length of 16.8 km, the depth of section from two-way traffic buoy No. 5 of Sutong bridge water area to Nannongzha (Y buoy No.7, up Jiangshan agriculture and chemical wharf) is 10.5 meters and the width is 260 meters; the section from Nannongzha to Xinkaizha (Y buoy No.9, down Zhongtian Technical wharf) with depth of 8.0 meters and width of 260 meters, the section from Xinkaizha to Y buoy No.11 with depth of 5.0 meters and width of 150 meters. The depth above is below the theoretical lowest tide level
Tianshengang special purpose route	From Tian buoy No.1 to No.13	Route from Tian buoy No.1 to Xiaoliang estuary with length of 18.1 km, the depth of -5 meters (theoretical level) and width of 150 meters. Tian buoy No.1 is single black buoy, No.2 and No.3 are single red buoy, No.4 to 9 are couple buoys, No.10 is single red buoy.

CHINA	NANTONG	PLAN OF APPROACHES	EDITION No. 002	REVISION DATE 28-Dec-2010	PAGE No. NT-4
Water area of ferry					
Name	Location	Description			
No.1 Taicang anchorage for sea-going vessels	North side of connection line between black buoy No.6 and No.7 in Liuhe waterway with length of 3000 meters and width of 800 meters.	For sea-going vessels.			
No.1 A Taicang anchorage for vessels carrying hazardous goods	North side of connection line between black buoy No.1 and No.2 in Liuhe waterway.	For vessels carrying hazardous goods.			
No.1 B Liuhe anchorage for sea-going vessels in Taicang	North side of connection line between black buoy No.2 and No.3 in Liuhe waterway with length of 3000 and upper width of 1000 meters and lower width of 1370 meters.	For sea-going vessels.			
No.2 Changshu anchorage for sea-going vessels	North side of connection line between black buoy No.12 in Baimaasha waterway and black buoy No.2 in Sutong bridge waterarea with length of 4800 meters and width of 700 meters.	For sea-going vessels.			
Changshu down anchorage for sea-going vessels	North side of connection line between black buoy No.9 and No.12 in Baimaasha waterway.	For sea-going vessels.			
No.3 Changshu harbor for ship-to-ship transfer	Central Tongzhousha waterway (Changsu harbor special purpose route) with length of 4000 meters and width of 700 meters.	For vessels waiting for berth or transfer.			
No.4 Nantong anchorage for vessels carrying hazardous goods	North side of connection line between buoy No.23 and 25. with length of 2492 meters and width of 872 meters.	For vessels carrying hazardous goods.			

CHINA	NANTONG	PLAN OF APPROACHES		EDITION No. 002	REVISION DATE 28-Dec-2010	PAGE No. NT-4
Name	Location	Description				
No.5 Nantong anchorage for joint inspection	North side of connection line between black buoy No.25 and 26 with length of 2500 meters and width of 600 meters.	For inspection.				
No.7 Nantonggang anchorage 2-a	South side of connection line between red buoy No.28-1 and No.30.	Anchorage is divided into four berthing areas. No.1 berth area is located at South side of upper anchorage with accommodation of barges or temporary berthing of two 20000dwt sea-going ships. No.2 berthing area is located at left side of lower anchorage with accommodation of berthing of 3000DWT barge. No.3 berthing area is located at right side of lower anchorage for 500 DWT barge. No.4 berthing area is located at right side of upper anchorage for 3000 DWT barge.				
Nantong anchorage for sea-going vessels trans-ferrying cargo No.8	South side of red buoy No.32 to No.33 in Nantong waterway, with the length of 2900 meters and the width of 1000 meters.	For sea-going vessels.				
Nantonggang upper anchorage	South side of red buoy No.33-34 in Nantong waterway, with the length of 2000 meters and the width of 600 meters.	For sea-going vessels.				
Zhangjiagang(Tongsha) anchorage for sea-going vessels	South side of the fairway upstream Tonglu estuary, with the length of 2000 meters and the width of 200-500 meters.	For small vessels.				
Berthing area No.1	East side of connection between Changjiang black buoy No.3 and black buoy No.2 in Baimaosha waterway, with the length of 4000 meters and the width of 900 meters.	For large vessels.				

CHINA	NANTONG	PLAN OF APPROACHES		EDITION No. 002	REVISION DATE 28-Dec-2010	PAGE No. NT-5
Name	Location	Description				
Berthing area No.2	North side of connection between Changjiang black buoy No.7 and No.9, with the length of 2500 meters and the width of 900 meters.	For large vessels.				
Berthing area No.3	North side of connection between black buoy No.10 and No.12 in North Baimaasha waterway, with the length of 5000 meters and the width of 800 meters.	For large vessels.				
Berthing area No.4	Changsu waterway inlet, with the length of 3500 meters and the width of 500 meters.	For large vessels.				
Berthing area No.5	West side of connection line between Changjiang red buoy No.21 and 24, with the length of 6000 meters and the width of 1000 meters.	For large vessels.				
Berthing area No.6	East side of connection line between Changjiang black buoy No. 23 and No.25, with the length of 6000 meters and the width of 1000 meters.	For large vessels.				
Berthing area No.7	South side of Changjiang red buoy No.32 and No.35, with the length of 3000 meters and the width of 400 meters.	For large vessels.				
Berthing area No.8	North side of Changjiang black buoy No.34 and 37, with the length of 4500 meters and the width of 1000 meters.	For large vessels.				

CHINA	NANTONG	PLAN OF APPROACHES	EDITION No. 002	REVISION DATE 28-Dec-2010	PAGE No. NT-6
Ferry water area					
Name		LocationDescription			
Tongsha ferry water area		Upboundary: Line connecting Tian red buoy No.3, buoy No.1 of Tong anchorage and buoy No.1 of Tongsha anchorage. Downboundary: Line connecting Tian black buoy No.1, two-way traffic buoy No.30 and Dengquanwei triangulation point			
Tongchang ferry water area		Upboundary: Line connecting the upper point of Yide wharf, Changjiang black buoy No.20 and Changshui special purpose buoy No.2. Downboundary: Line connecting Suqiao two-way traffic buoy No.5 and lower point of Xinghua wharf at south bank.			
Water area of Haitai ferry		Upboundary: Connection line between Changjiang red buoy NO.14 and B black buoy No.12. Downboundary: Line connecting Changjiang black buoy B No.11, black buoy No.13 and south bank.			
Port service					
Name		LocationDescription			
Nantong pilot station		Tel:(0513)85167066, Fax: (0513)85167067.			
Changsu pilot station		Tel: (0512)52226506, Fax: (0512)52226507.			
Tairang pilot station		Tel: (0512)53537752, Fax: (0512)53539546.			
Nantong call center		VHF channel 27.			
Barge branch of Nantong harbor company		Tel: (0513)85167515, Fax: (0513)83502366, VHF channel 09.			
Nantong Jintong shipping engineering company		Tel: (0513)83527586, Fax: (0513)83527586.			
Changshu Longgang tug company		Tel: (0512)52293935(Fax).			
Taicang Xinggang tug company		Tel: (0512)53370359(Fax).			
Taicang tug company		Tel: (0512)53370587(Fax).			
China ocean shipping agency nantong Co., Ltd.		Tel:(0513)83558500.			
China marine shipping agency nantong Co., Ltd.		Tel:(0513)83519134.			