

WU SONG VTS Users' Guide

1. Summary	1.1 VTS Authority	Shanghai Maritime Safety Administration	
	1.2 Coverage of VTS area	<p>Waters within three joint lines:</p> <p>1. The joint line linking 31°07'49"N/122°18'54.7"E, 31°07'49"N/122°20'00"E, 31°16'00"N/122°20'00"E, 31°16'00"N/122°45'20"E, 30°50'24"N /122°45'20"E, the north end of Huaniaoshan island, 30°47'57"N/122°28'00"E, 30°52'00"N/122°28'00"E, 30°52'00"N/122°18'00"E, 31°00'00"N/122°18'00"E, and Dazhi River estuary;</p> <p>2. The joint line linking Liuheiwu (31°30'52.4"N/121°18'56.9"E) and Shiqiao River Estuary (31°37'34.4"N/121°22'33.0"E) ;</p> <p>3. Cao Lin ferry route in Huangpu River.</p>	
	1.3 Service time	24 hours/ 7 days	
2. Ships required to Participate	2.1 Mandatory	<p>1. Passenger vessels;</p> <p>2. Other types of vessels whose gross tonnage is more than 500, or LOA more than 60 meters;</p> <p>3. The ships which should be equipped with the communication equipment in accordance with the international conventions and/or national rules and regulations and the ships which the competent authority requires to be governed by the VTS.</p>	
	2.2 Voluntary	Other vessels	
3. VHF Working Channels	3.1 Sectors and Channels	Changjiangkou waters (Specific scope: Waters surrounded by the joint line linking 31°07'49"N/122°20'00"E, 31°16'00"N/122°20'00"E, 31°16'00"N/122°45'20"E, 30°50'24"N/122°45'20"E, the north end of Huaniaoshan island, 30°47'57"N/122°28'00"E, and 31°07'49"N/122°28'00"E)	CH 08
			CH 65 (Duplex channel for backup)
		Changjiangkou Deepwater Channel and adjacent waters (Specific scope: Yuanyuansha emergency anchorage; East of the joint line linking Yuanyuansha light vessel and D46 buoy extending to north of the south coast of Changxing Island; West of 122°28'00"E longitude line; South of the joint line linking north guide of Changjiangkou deep water channel and 31°07'49"N/122°28'00"E; North of the joint line linking Yuanyuansha light vessel, submerged dike No.1 Light-buoy, Changjiangkou deep water channel south embankment ,31°04'04"N/122°16'24"E and 31°04'04"N/122°28'00"E).	CH 09
			CH 26 (Duplex channel for backup)

		South Channel and adjacent waters (Specific scope :East of the joint line linking Yuanyuansha light ship and the A54 Light-buoy, west of the 122°28'E; except for Yuanyuansha emergency anchorage; the South of the joint line linking Yuanyuansha light vessel and submerged dike No.1 Light-buoy, the Changjiangkou deep water channel south embankment, 31°04'04"N/122°16'24"E, 31°04'04" N/122°28'00"E; North of the joint line linking Dazhi River estuary, 31°00'00"N/122°18'00"E , 30°52'00"N/122°18'00"E and 30°52'00"N/122°28'00"E).	CH 72
			CH 26 (Duplex channel for backup)
		Wusongkou&Waigaoqiao& related anchorage waters (Specific scope: East of the joint line linking Q10 Light-buoy, 67 Light-buoy, 66 Light-buoy, A72 buoy, 31°24'26"N/121°30'48"E and Wusongkou Light house; west of the joint line linking D46 buoy and A54 Light-buoy extending to shore; North of the joint line linking Wusongkou light house, 101 Light-buoy and 31°23'24"N/121°31'22"E).	CH 71
			CH 61 (Duplex channel for backup)
		Baoshan channel and adjacent waters (Specific scope : East of Shanghai Port boundary linein Liuhekou; West of joint line linking 67 Light-buoy, 66 Light-buoy, A72 buoy and 31°24'26" N/121°30'48"E and Wusongkou light house; South of the joint line linking 67 Light-buoy, Baoshan Channel, Baoshan North Channel, Liuhe precaution Area , the north boundary of Baoshan North Anchorage;).	CH 73
			CH 27 (Duplex channel for backup)
		Wusong VTS Huangpu River waters (Specific scope : Waters between the line of Huangpu River Caolin ferry route and the joint line linking Wusongkou Lighthouse, 101 Light-buoy and 31°23'24"N/121°31'22"E).	CH 11
			CH 19 (Duplex channel for backup)
	3.2 Reporting lines	The connection of following seven points, 1. 31°07'49"N /122°18'54.7"E 2. 31°07'49"N /122°20'00"E 3. 31°16'00"N /122°20'00"E 4. 31°16'00"N /122°45'20"E 5. 30°50'24"N /122°45'20"E 6. North end of Huaniaoshan island 7. 30°47'57"N/122°28'00"E	Reporting line L1
		Shanghai Port boundary line in Liuhekou (the connection of Liuheiwu in Liu he kou and Shiqiao River Estuary in Chongming)	Reporting line L4
		The connection of Wusongkou Lighthouse , 101 Light-buoy and 31°23'24"N/ 121°31'22"E	Reporting line L5

		Huangpu River Caolin ferry route	Reporting line L6
4. Reporting Requirements	4.1 Position report	Reporting time: Vessels passing VTS reporting line (when entering) Content of report: Vessel's name, position, movements.	
	4.2 Anchorage report	Reporting time: 15 minutes before dropping anchor and heaving up anchor Content of report: Vessel's name, position, length of the vessel, type of vessel, the maximum draft and movements.	
	4.3 Unberthing report	Reporting time: 15 minutes before departure. Content of report: Vessel's name, position, movements.	
	4.4 Emergence report	Reporting time: traffic accidents, pollution accidents, equipment failures, crew members or passengers injured or other emergencies Content of report: Details of emergency	
	4.5 Abnormal situation report	Reporting time: On encountering the abnormality of navigation aids or facility, obstructions, water pollution, sudden and harsh weather, abnormal movements of other vessels, distress and other conditions that impede navigation safety Content of report: Details of abnormal situation	
	4.6 Activities report	Reporting time: When the following activities being conducted on board: (1) Inspection of mechanical and electrical equipment; (2) Trial on navigation or on the engine and test magnetic compass; (3) drills; (4) Other activities that affect navigation safety. Content of report: Details of activities	

	4.7 Others	Vessels intended to drop anchor in Shanghai section of the Yangtze River shall report to Wusong VTS 1 hour in advance before entering the anchorage; Vessels that are equipped with AIS equipment and whose information are correctly displayed are exempt from the "vessel's position report".	
5. Additional information	5.1 Pilot	No.1 Pilot boarding ground: North and south sides of CJK Deepwater Channel No.6 Light-buoy	North PBS 1 (31°07'16.2"N,122°25'33.0"E) South PBS 1 (31°04'58.2"N,122°25'33.0"E)
		No.2 Pilot boarding ground: South of CJK No.1 anchorage North of CJK No.2 anchorage	North PBS 2 (31°07'46.8"N,122°36'42.0"E) South PBS 2 (31°04'34.8"N,122°36'42.0"E)
		No.3 Pilot boarding ground: 2000 meters Upstream of South Channel S9 Light-buoy	North PBS 3 (31°03'11.5"N/122°12'16.3"E) South PBS 3 (31°02'30.0"N/122°12'12.0"E)
		North channel Pilot boarding ground in heavy sea and strong wind: Waters in vicinity of the joint line linking D18 buoy and D22 buoy in CJK Deep water channel.	North PBS(31°10'48"N/122°10'43.2"E; South PBS(31°10'40"N/122°10'37.2"E).
		South channel Pilot boarding ground in heavy sea and strong wind: Waters in vicinity of the joint line linking S33 light buoy and S31 light buoy in south channel.	North PBS(31°04'49.0"N/122°03'20.1"E; South PBS(31°04'08.9"N/122°03'05.8"E).
		Baoshan pilot handover area: Waters in Baoshan channel	North PBS(31°26'19.8"N/121°29'25.2"E); South PBS(31°26'13.8"N/121°29'03"E).
		Shanghai pilot station working channel	CH69
	5.2 Rules and regulations	"Maritime Traffic Safety Law of the people's Republic of China", "Safety Supervision and Management Regulations for Vessel Traffic Management System of the People's Republic of China", "Ships' Routing System in Changjiangkou Water" (2008), "Ships' Reporting System in the Changjiangkou Water"(2008) , "Regulations on the Ships' routeing System in Shanghai Section of Yangtze River" (2017), "Safety Management Measures for Safety Navigation of Changjiangkou Deepwater Channel" (2019), " Safety Navigation Regulation in Huangpu River" (2017), "Measures for Safety Supervision and Management of Vessel Traffic Service System of Shanghai Maritime Safety Administration" (2017), International regulations	

		for preventing collisions at sea, 1972.	
	5.3 Adjacent VTS	Yangshan VTS	CH13 CH14
		Nantong VTS	CH10 CH11
		Zhoushan VTS	CH11 CH12
	5.4 Contact Information of Wu Song VTS Centre	Address: No.181 Songpu Road, Baoshan District, Shanghai City Tel: 021- 56671002 Fax: 021- 56671003 Wechat: wusongqinghe or wusongqinghe2 Email : wsvts@shmsa.gov.cn	

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Yang Shan VTS Users' Guide

1. Summary	1.1 VTS Authority	Shanghai Maritime Safety Administration	
	1.2 Coverage of VTS area	Waters surrounded by the connection of following eighteen points: 1. Dazhi River estuary 2. 31° 00′ 00″ N/122° 18′ 00″ E 3. 30° 52′ 00″ N/122° 18′ 00″ E 4. 30° 52′ 00″ N/122° 28′ 00″ E 5. 30° 47′ 57″ N/122° 28′ 00″ E 6. North end of Beidingxing island 7. 30° 44′ 20″ N/122° 16′ 58″ E 8. 30° 35′ 20″ N/122° 12′ 54″ E 9. 30° 31′ 23″ N/122° 32′ 48″ E 10. 30° 28′ 00″ N/122° 32′ 48″ E 11. 30° 28′ 00″ N/122° 27′ 36″ E 12. 30° 30′ 40″ N/122° 27′ 36″ E 13. 30° 32′ 00″ N/122° 20′ 30″ E 14. 30° 32′ 00″ N/122° 16′ 00″ E 15. 30° 28′ 49″ N/121° 42′ 30″ E 16. 30° 33′ 03″ N/121° 21′ 30″ E 17. 30° 32′ 55″ N/121° 16′ 00″ E 18. 30° 41′ 32″ N/121° 16′ 00″ E	
	1.3 Service time	24 hours /7 days	
2. Ships required to Participate	2.1 Mandatory	1. Passenger vessel; 2. Other types of vessels whose gross tonnage is more than 500, or LOA more than 60 meters; 3. Vessels of 150 gross tonnage and above which are intended to cross the Main Fairway of Yangshan Port between Xiaoqushan island and Ximaanshan Island.	
	2.2 Voluntary	Other vessels	
3. VHF Working Channels	3.1 Sectors and Channels	Yangshan Deepwater Port and its adjacent waters (Specific scope: Waters surrounded by the East Sea Bridge and the connection of following points and shorelines: 1. Dazhi river estuary 2. 31° 00′ 00″ N/122° 18′ 00″ E 3. 30° 52′ 00″ N/122° 18′ 00″ E 4. 30° 52′ 00″ N/122° 28′ 00″ E 5. 30° 47′ 57″ N/122° 28′ 00″ E 6. North of Beidingxing island 7. 30° 44′ 20″ N/122° 16′ 58″ E 8. 30° 35′ 20″ N/122° 12′ 54″ E 9. 30° 31′ 23″ N/122° 32′ 48″ E 10. 30° 28′ 00″ N/122° 32′ 48″ E	CH 13
			CH 79 (Duplex channel for backup)

		11. 30° 28' 00" N/122° 27' 36" E 12. 30° 30' 40" N/122° 27' 36" E 13. 30° 32' 00" N/122° 20' 30" E 14. 30° 32' 00" N/122° 16' 00" E 15. 30° 30' 18" N/121° 58' 00" E 16. 30° 40' 00" N/121° 58' 00" E 17. 30° 40' 00" N/122° 00' 00" E	
		Jinshan / Lingang Waters (Specific scope: Waters surrounded by East Sea Bridge and the connection of following points and shorelines: 1. 30° 40' 00" N/122° 00' 00" E 2. 30° 40' 00" N/121° 58' 00" E 3. 30° 30' 18" N/121° 58' 00" E 4. 30° 28' 49" N/121° 42' 30" E 5. 30° 33' 03" N/121° 21' 30" E 6. 30° 32' 55" N/121° 16' 00" E 7. 30° 41' 32" N/121° 16' 00" E	CH14
			CH19 (Duplex channel for backup)
	3.2 Reporting lines	The connection of the following eleven points: 1. 30° 47' 57" N/122° 28' 00" E 2. North of Beidingxing island 3. 30° 44' 20" N/122° 16' 58" E 4. 30° 35' 20" N/122° 12' 54" E 5. 30° 31' 23" N/122° 32' 48" E 6. 30° 28' 00" N/122° 32' 48" E 7. 30° 28' 00" N/122° 27' 36" E 8. 30° 30' 40" N/122° 27' 36" E 9. 30° 32' 00" N/122° 20' 30" E 10. 30° 32' 00" N/122° 16' 00" E 11. 30° 30' 18" N/121° 58' 00" E	L2 reporting line
		The connecting of the following five points: 1. 30° 30' 18" N/121° 58' 00" E 2. 30° 28' 49" N/121° 42' 30" E 3. 30° 33' 03" N/121° 21' 30" E 4. 30° 32' 55" N/121° 16' 00" E 5. 30° 41' 32" N/121° 16' 00" E	L3 reporting line
4. Reporting Requirements	4.1 Pre-entry report	The following vessels and facilities shall report to the Yangshan VTS Center the plan to berth and depart or pass through the East Sea Bridge on the next day before 16:00 per day: (1) International vessels; (2) Passenger vessels; (3) Tugboat fleet or pusher-barge combination; (4) Oil tankers, bulk chemical tankers and liquefied gas carriers of 500 gross tonnage and above; (5) Other domestic vessels of 1000 gross tonnage and above.	

		<p>Reporting methods: Fax, email, etc.</p> <p>Content of report: Vessel (vessel's name, call sign), time, draft, cargo, vessel size (vessel type), vessels intend to pass through the East Sea Bridge shall report the deadweight tons, the maximum air draft, and the name of the navigation hole intended to pass.</p>
	4.2 Crossing report	<p>Reporting time: (1) Vessels and facilities that are intended to cross the Main Fairway of Yangshan Port between the connection of Xiaolongshan island and Ximanashan island, and Xiaoqushan and Huangzeyang lightvessel shall report vessel's movements to the Yangshan VTS Center 30 minutes in advance (2) Vessels and facilities shall report vessel's movements to the Yangshan VTS Center 30 minutes in advance when they intend to cross the Jinshan Fairway.</p> <p>Content of report: Vessel (vessel's name, call sign, type), position, maximum draft and movements;</p>
	4.3 position report	<p>Reporting time: Vessels passing VTS reporting line (when entering)</p> <p>Content of report: Vessel's name, position, movements. Except for vessels whose information have been reported in accordance with the requirements of the "4.2 Crossing report". The vessel that intends to pass the East Sea Bridge shall also report the deadweight tons, the maximum air draft, and the name of the navigation hole intended to pass</p>
	4.4 Anchorage report	<p>Reporting time: 15 minutes before dropping anchor and heaving up anchor</p> <p>Content of report: Vessel's name, position, length of the vessel, type of vessel, the maximum draft and movements.</p>
	4.5 Unberthing report	<p>Reporting time: 15 minutes before departure.</p> <p>Content of report: Vessel's name, position, movements.</p>

	4.6 Emergency report	Reporting time: traffic accidents, pollution accidents, equipment failures, crew members or passengers injured or other emergencies Content of report: Details of emergency	
	4.7 Abnormal situation report	Reporting time: On encountering the abnormality of navigation aids or facility, obstructions, water pollution, sudden and harsh weather, abnormal movements of other vessels, distress and other conditions that impede navigation safety Content of report: Details of abnormal situation	
	4.8 Activities report	Reporting time: When the following activities being conducted on board: (1) Inspection of mechanical and electrical equipment; (2) Trial on navigation or on the engine and test magnetic compass; (3) drills; (4) Other activities that affect navigation safety. Content of report: Details of activities	
	4.9 Others	Vessels that are equipped with AIS equipment and whose information are correctly displayed are exempt from the "vessel's position report". Except for vessels that intend to pass through the East Sea Bridge.	
5. Additional information	5.1 Pilotage	No.1 pilotage operation area of Yangshan deepwater port: Waters near the north side of the Main Fairway of Yangshan Port, 3 nautical miles west of the Huangzeyang lightvessel.	PBS:30° 31' 04.20" N/122° 29' 31.80" E;
		No.2 pilotage operation area of Yangshan deepwater port: Waters in vicinity of the north side of Y3 light buoy in the Main Fairway of Yangshan Port.	PBS:30° 33' 03.60" N/122° 17' 31.80" E;
		No.1 pilotage operation area of Lingang Port:	PBS: 30° 32' 40.00" N/122° 05' 33.00" E;

		Waters in vicinity of the north side of Y17 light buoy in the Jinshan Fairway.	
		No.2 pilotage operation area of Lingang Port: Waters in vicinity of Lingang anchorage	PBS: 30° 48' 37.00" N/121° 49' 00.00" E。
		No.1 pilotage operation area of Jinshan Port: Waters in vicinity of Jinshan Fairway, 3.5 nautical miles north of Wangpanshan light buoy, 340° zaimuth	PBS: 30° 36' 38.00" N/121° 20' 06.00" E。
		No.2 pilotage operation area of Jinshan Port: Waters in vicinity of K24 light buoy in the Caojing Fairway	PBS: 30° 43' 00.00" N/121° 32' 36.00" E。
		The VHF Channel of Yangshan Sub-station of Shanghai Port Pilotage Station	CH 63 , CH 69 (backup channel)
	5.2 Rules and regulations	"People's Republic of China Maritime Traffic Safety Law", "Safety Supervision and Management Regulations for Vessel Traffic Management System of the People's Republic of China", " Regulations on the Maritime Traffic Safety Administration within Shanghai Yangshan Deepwater Port and its Adjacent Waters(2019)" "Shanghai Maritime Safety Administration Vessel Traffic Service System (2008)", "International Regulations for Preventing Collisions at Sea,1972"	
	5.3 Adjacent VTS	Wusong VTS	CH72 CH08
		Zhoushan VTS	CH11 CH12
	5.4 Contact information of Yangshan VTS	Address: 4-6F, Block C, No. 168, Tonghui Road, Pudong New Area, Shanghai Tel: 021- 68287199 Fax: 021- 68287197 WeChat: Yangshan VTS E-mail: yangshanvts@shmsa.gov.cn	

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