

Mumbai Port Trust



**VTS
INFORMATION
GUIDE**

CONTENTS

Paragraph	Subject	Page
1	Title of VTS	3
2	Introduction	3
3	Call signs	3
4	Hours of Operation	3
5	Types of services	4
6	Mumbai VTS Areas	4
7	Mumbai VTS Centre	5
8	Communication	5
9	a) Communications Instructions in Mumbai VTS Area	6
	b) On passing reporting points	6
	c) When anchoring in designated anchorages	6
	d) Incidents	7
10	Vessels leaving Mumbai harbour/JNPT harbour	7
11	Reporting points in Mumbai harbour	7
12	VTS Guidelines	8
13	Procedures in report of accidents/emergencies	10
14	Applicability	10
15	VTS Responsibility	10
16	Layout of Mumbai VTS Area	10

MUMBAI PORT TRUST VTS INFORMATION	
1. Title of VTS	Mumbai Port VTS
2. INTRODUCTION	<p>The Mumbai VTS (VHF Channel 12) will formally offer Services as defined by in IMO Resolution A-857(20) of 27th November 1997.</p> <p>IMO Resolution A-857(20) VTS Information Services – Definition</p> <p>"2.3.1 The information service is provided by broadcasting information at fixed times and intervals or when deemed necessary by the VTS or at the request of a vessel, and may include for example reports on the position, identity and intentions of other traffic; waterway conditions; weather; hazards or any other factors that may influence the vessel's transit."</p> <p>The provision of a Information Service includes :</p> <p>(a) A comprehensive and dedicated service, throughout the declared service period. (b) Information on vessel movement (c) Information on weather and tide (d) Information on navigational warnings.</p> <p>All vessels and barges must report following:-</p> <p>(a) On entering VTS area (b) On anchoring/Getting underway (c) Unberthing</p> <p>The service will be available for 24 hrs with long term planning of traffic movements.</p>
3. Call signs	<p>The following call signs will be used for calling attention on VHF Channel 12 whilst within Mumbai Port limits.</p> <p>(i) Mumbai VTS (ii) Mumbai Pilots (iii) JNPT Pilots</p>
4. Hours of Operation	24 hrs x 7 days in Mumbai VTS Area

5. Types of services	<p>Types of services provided by Mumbai VTS are as under :</p> <p>(i) Information services (INS) (ii) Traffic Organisation Service (TOS)</p>
6. Mumbai VTS Area	<p>6.1 Mumbai Port Trust (MbPT) VTS Area is the area contained inshore of an arc, 12 nm in radius, based on Colaba Point, except for the area contained within the Jawaharlal Nehru Port Trust (JNPT) limits, shadow/blind sector of colaba radar</p> <p>6.2 The adjacent JNPTVTS Area is defined as the area contained within JNPT port limit.</p> <p>6.3 Mandatory Reporting Points are established as follows: Seaward: Lat 18° 49.92' North ; Long 72° 38.10' East Or vessel entering 12 NM arc line from colaba point. Inshore: Lat 18° 56.57' North ; Long 72° 55.02' East</p> <p>6.4 Areas of congestion due to convergence of traffic are as under :</p> <ul style="list-style-type: none"> i. Entrance of Mumbai Port channel at the outer Reef Buoy ii. At Pilot station - iii. Off Sunk Rock iv. In the channel off Middle Ground }* v. Off JD Tanker Terminal No.4 } <p>*Precautionary Areas marked on chart. All vessels whilst approaching these congestion points/areas are to exercise extreme caution which necessitates reduction of speed and are to follow safe speed as per COLREGS.</p> <p>- Pilot Station. Lat : 18° 51.50' N Long : 072° 49.50' E</p> <p>The Mumbai VTS Area is not subdivided into</p>

	<p>separate operational sectors. However, Jawaharlal Nehru Port Trust (JNPT) operates a Port Information Service for vessels within its dock and harbour area.</p>
7. Mumbai VTS Centre	<p>The Mumbai Port VTS Centre 3rd floor, Control Tower, South End Ballard Pier Extension Bldg., Mumbai Port, Ballard Estate, Mumbai 400 001</p> <p>Location : Lat : 1855.726 N Long : 07250.648 E</p> <p>Tel : 022-66565036 022-22610612</p> <p>Fax : 022-22664066.</p> <p>Email : dmcsmbpt@gmail.com</p> <p>Website : www.mumbaiport.gov.in</p>
8. Communication	<p>VHF Channel 12 All vessels when navigating or anchored within Mumbai VTS area must maintain a continuous listening watch on VHF channel 12 at all times. Language for communication 'English' only.</p> <p>Vessels communicating with Mumbai VTS or other vessels within Mumbai VTS area must use Standard Marine Communication phrases and security identification, if any.</p> <p>Vessels within the Mumbai VTS area may make contact with another vessel on VHF 12 and unless passing a short message relating directly to safety of navigation, move to an agreed working channel for exchange of lengthy information.</p> <p>The communications for use within Mumbai VTS Area is as under :</p> <p>JNPT Communication VHF Channel No.13</p>

	<p>Mumbai Pilots VHF Channel 12 JNPT Pilots VHF Channel 13 (except when within Mumbai VTS Area) Mumbai VTS Area and common user channel all vessels and pilots to monitor Channel 12.</p>
<p>9(a) Communication Instructions in Mumbai VTS Area</p>	<p>Upon entry to Mumbai VTS Area, vessels will provide the following information :</p> <ul style="list-style-type: none"> (i) Vessel's name (ii) Position (iii) Deepest Draught (iv) Manoeuvring speed (v) Destination and Last port of call (vi) ETA at the pilot station or relevant reporting point (vii) number of personnel onboard and nationality (viii) Any deficiency (ix) Any assistance required (x) Entry of Naval Ships could be informed to VTS by HDCC on telephone, 60 minutes prior to the planned entry. (xi) With regards to the above, warships would give only their pennant numbers. E.g. P-47 (xii) All Merchant Ships are to keep their AIS'ON' while entering or leaving Mumbai Port. In case, the 'AIS' is defective, this is to be intimated to the VTS.
<p>9(b) On passing reporting points</p>	<p>The vessels will inform Mumbai Port VTS about where they are bound for. The vessels will also be required to give the following information:</p> <ul style="list-style-type: none"> (i) Vessels are to make reports when passing reporting points as marked on charts. (ii) When transiting to JNPT/Crossing JNPT limits into Mumbai Port limits.
<p>9(c) When anchoring in designated anchorages.</p>	<ul style="list-style-type: none"> (i) Position (ii) Time.

9(d) Incidents	Any incident that affect the safe navigation of the vessel such as collision, ingress of water, dragging of anchor, fire, grounding, etc. .
10. Vessels leaving Mumbai harbour/JNPT harbour	<p>All vessels leaving JNPT Port are to make reports to Mumbai VTS seeking clearance giving ETA of reaching Mumbai Port limits (MPL) and once again at the time of reaching Mumbai Port limits (MPL).</p> <p>All vessels when leaving Mumbai harbour are to give notice to VTS at least 60 mins before being ready to leave the berth/anchorage and seek clearance.</p> <p>Naval ships would inform Mumbai VTS of planned departures and seek clearance before casting off from Naval Tidal Basin, 30 minutes in advance. This information would be passed to Mumbai VTS on Telephone/hotline.</p>
11. Reporting points in Mumbai Harbour	<p>The reporting points in Mumbai VTS area are as under :</p> <ul style="list-style-type: none"> i. Initial call when 2 hours from Mumbai Port limits including their present location when passing longitude 72°40'9"E ii. Seaward: Lat 18° 49.92' North ; Long 72° 38.10' East iii. On reaching Pilot Station area. iv. Inshore: Lat 18° 56.57'North; Long 72°55.02' East v. The fair weather Pilot Station for Mumbai Port is : <ul style="list-style-type: none"> Lat : 18° 51.50' N Long : 072° 49.50' E <p>However during monsoon and rough weather the vessels may be directed by Pilot in co-ordination with VTS to a safe embarkation/disembarkation point (mostly only used position is 1.2 miles South East of Sunk Rock</p>

	<p>Light House)</p> <p>Areas of congestion due to convergence of traffic are as under :</p> <ol style="list-style-type: none"> i. Entrance of Mumbai Port channel at the outer Reef Buoy ii. At Pilot station iii. Off Sunk Rock iv. In the channel off Middle Ground v. Off JD Tanker Terminal No.4 <p style="text-align: right;">}*</p> <p>*Precautionary Areas marked on chart.</p> <p>All vessels whilst approaching these congestion points/areas are to exercise extreme caution which necessitates reduction of speed and are to follow safe speed as per COLREGS.</p> <p>Vessels may only overtake in the main channel when the masters and pilots of both vessels have indicated their agreement to the manoeuvre. In addition, the intention to carry out this manoeuvre must be reported to Mumbai VTS on VHF Ch. 12 before commencing the manoeuvre and in time for Mumbai VTS to issue any appropriate Navigation Information or Warning. [Exceptionally, and for safety of navigation reasons only, Mumbai VTS is authorised to veto an intended overtaking manoeuvre].</p>
<p>12. VTS Guidelines</p>	<p>All vessels of 100 G.T or LOA 30 m and above are designated “Participating Vessels” and are required to maintain constant watch on VHF Channel 12 when underway or when at anchor within the Mumbai VTS Area.</p> <ul style="list-style-type: none"> • Vessels bound for or from JNPT port are to call Mumbai Port VTS for instructions and thereafter inform JN Port on Channel 13 about their schedule/movement. However, they

	<p>are to be available on Channel 12 all the time when in transit within the Mumbai Port limits.</p> <ul style="list-style-type: none"> • Vessels proceeding to outer anchorage, i.e. area Alpha and Port lighterage anchorage are to make reports one hour prior to their ETA in the area on VHF Channel 12 and also inform the time of their anchoring. • All vessels in Mumbai VTS area must maintain VHF channel 12 at all times for communications/instructions from the Mumbai VTS. • All vessels scheduled for moving from Mumbai Port as well as JN Port must inform the Mumbai Port VTS at least 30 mins prior to leaving berth and obtained VTS clearance Vessels proceeding to anchorage or leaving anchorage must also report to Mumbai VTS at least 1 hour before getting underway. • Vessels leaving JNPT Port should inform the Mumbai VTS when leaving berth, their ETA to the MbPT and again when reaching port limits. • Vessels to and from the Indian Naval tidal basin are also required to report to Mumbai VTS as well as follow all directions and procedures of Mumbai VTS. They need to give positive identification such as type of vessel & pennant number. Any vessel which is a participating vessel but given pass pilot must get Traffic Clearance before getting underway. • Information on the planned movements of Indian Navy would be intimated via telephone, to the extent possible.
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<p>13. Reporting of accidents/emergencies</p>	<p>Vessels involved in the following accidents/emergencies are required to contact Mumbai VTS on VHF Channel 12 as soon as it is reasonably practicable :- Dragging anchor Ingress of water Collision Explosion Grounding Fire on board Man overboard Death or major injury Pollution Attempts of hijacking and armed robbery Any other emergency</p>
<p>14. Applicability</p>	<p>All vessels will be governed by the Mumbai Port Trust Docks Bye-Laws when in Mumbai Port limits.</p> <p>Though Mumbai Port makes every effort to make and maintain the contents of this guide as upto date, accessible and complete as possible, however, in case of any discrepancy or inconsistency between the guide/information and the applicable legislation including the Mumbai Port Trust Docks bye-laws, the latter will prevail.</p>
<p>15. VTS Responsibility</p>	<p>Mumbai VTS has responsibility for monitoring and providing necessary information to achieve the overall safety of navigation within the Mumbai VTS Area. The availability of this service does not relieve, or diminish, the responsibility of a Master for the safety of his vessel, nor the responsibility of a Pilot to provide local navigational advice to a Master.</p>
<p>16. Layout of Mumbai VTS Area</p>	<p>The diagram which shows the limits of Mumbai VTS Area is enclosed.</p>

