KOLKATA PORT TRUST

MRN/HMR/DH/85 कोलकाता पत्तन न्यास H.M.(R)'S OFFICE Dated: 27.07.2016

DIAMOND HARBOUR SEPTEMBER'2016

ESTMATED FRESH WATER DRAFT FORECAST FOR THE MONTH OF SEPT'2016 FOR DIAMOND HARBOUR FOR VESSELS OF 12KTS. & OVER (SUBJECT TO ALTERATION)

Section Sec	INWARD:				NOTES
201	Date	Α	В	С	
3rd	1st	8.2	8.4	8.6	Calculated for 12 kts River speed. Indward Draft to be reduced
4th 8.0 8.2 8.4 5th 7.9 8.1 8.3 6th 7.8 8.0 8.2 7th 7.7 79 8.1 8th 7.4 7.6 7.8 8th 7.4 7.6 7.8 9th 7.1 7.3 7.5 7th 7.7 7.9 9th 7.1 7.3 7.5 7th 7.7 7.9 8.1 9th 7.1 7.3 7.5 7th 7.7 7.9 8.1 1th 7.0 7.2 7.4 7th 7.7 7.9 8.1 1th 7.0 7.2 7.4 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7th 7t	2nd	8.2	8.4	8.6	by 0.1 mtr for every knot below 12 kts. Outward draft to be redu-
Sith 7.9 8.1 8.3 8.3 7.4 7.8 8.0 8.2 2. LOA Category : A) Above 180 mtrs to 200 mtrs. B) Ho	3rd	8.1	8.3	8.5	ced by 0.2 mtr for every knot below 12 knots.
Geth 7.8 8.0 8.2 2 LOA Category: A) Above 180 mtrs to 200 mtrs. B) 180 mtrs to 200 mtrs. B) 180 mtrs to 180 mtrs. C) Below 180 mtrs.	4th	8.0	8.2	8.4	
This 7.7 7.9 8.1 A Above 180 mtrs to 200 mtrs.	5th	7.9	8.1	8.3	
This 7.7 7.9 8.1 A Above 180 mtrs to 200 mtrs.	6th	7.8	8.0	8.2	2. LOA Category:
Bit 7.4 7.6 7.8 7.8 7.1 7.3 7.5 7.7 7.9 7.2 7.4 7.6 7.8 8.0 7.2 7.4 7.6 7.8 8.0 7.0 7.2 7.4 7.6 7.8 8.0 7.0 7.2 7.4 7.6 7.8 8.0 7.0 7.2 7.4 7.6 7.8 8.0 7.0 7.2 7.4 7.6 7.8 8.0 7.0 7.2 7.4 7.6 7.8 8.0 7.0 7.2 7.4 7.6 7.8 8.0 7.0 7.2 7.4 7.6 7.8 7.0 7.0 7.2 7.4 7.6 7.8 7.0 7.0 7.2 7.4 7.6 7.8 7.0 7.0 7.2 7.4 7.6 7.8 7.0 7.2 7.4 7.6 7.8 7.7 7.9 8.1 8.3 8.8 8.8 91th 8.4 8.6 8.8 8.8 8.8 91th 8.7 9.8 1.6 8.3 91th 9.3 9.5					
9th 7.1 7.3 7.5 7.5 10th 6.8 7.0 7.2 7.4 7.6 13th 7.0 7.2 7.4 7.6 13th 7.6 7.8 8.0 14th 7.9 8.1 8.3					+
10th 6.8 7.0 7.2 7.4 7.6 13th 7.0 7.2 7.4 7.6 13th 7.6 7.8 8.0 13th 7.6 7.8 8.0 14th 7.9 8.1 8.3 4. As there is no anchorage between Sagar and Diamond Harbour/ 15th 8.2 8.4 8.6 8.8 17th 8.4 8.6 8.8 18th 8.4 8.6 8.8 18th 8.4 8.6 8.8 19th 8.2 8.4 8.6 8.8 19th 8.7 7.7 7.9 8.1 8.3 22nd 7.7 7.9 8.1 8.3 22nd 7.7 7.9 8.1 23rd 7.3 7.5 7.7 7.4 7.6 7.8 8.0 8.8 7.7 7.9 8.1 8.3 7.5 7.7 7.7 7.9 8.1 8.3 7.5 7.7 7.9 8.1 8.3 7.5 7.7 7.7 7.9 8.1 8.3 7.5 7.7 7.9 8.1 8.3 7.5 7.7 7.7 7.9 7.7 7.9 8.1 8.3 7.5 7.7 7.7 7.9 7.7 7.9 7.5 7.7 7.5 7.7 7.5 7.7 7.5 7.7 7.5 7.7 7.5 7.7 7.5 7.7 7.5 7.7 7.5 7.7 7.5 7.7 7.5 7.7 7.9 7.5 7.7 7.9 7.5 7.7 7.9 7.5 7.7 7.9 7.5 7.7 7.5 7					
11th 7.0 7.2 7.4 7.6 13th 7.6 7.8 8.0 14th 7.9 8.1 8.3 8.3 8.3 14th 7.9 8.1 8.3 8.3 8.3 8.3 14th 7.9 8.1 8.3 8.3 8.3 8.3 14th 7.9 8.1 8.3					, 20.0 100 mmo.
12th 7.2 7.4 7.6 13th 7.6 7.8 8.0 14th 7.9 8.1 8.3 8.6 8.8 16th 8.4 8.6 8.8 17th 8.4 8.6 8.8 18th 8.4 8.6 8.8 19th 8.4 8.6 8.8 8.8 19th 8.4 8.6 8.8 18th 8.4 8.6 8.8 19th 8.4 8.6 8.8 19th 8.4 8.6 8.8 18th 8.3 18th					3 a) Maximum size of vessel up to LOA 200 mtrs
13th 7.6 7.8 8.0 14th 7.9 8.1 8.3 4. As there is no anchorage between Sagar and Diamond Harbour/					
14th 7.9					b) Maximum permissible draft up to 5.5 miles.
15th 8.2 8.4 8.6 8.8 in joint pool working order. 15th 8.4 8.6 8.8 in joint pool working order. 17th 8.4 8.6 8.8 8.8 18th 8.4 8.6 8.8 8.8 18th 8.4 8.6 8.8 8.8 18th 8.4 8.6 8.8 8.8 19th 8.4 8.6 8.8 8.8 19th 8.4 8.6 19th 8.4 19					As there is no anchorage between Sagar and Diamond Harbour/
16th					
17th					
19th					in good working order.
19th 8.4 8.6 8.8 5. All vessels are required to have two serviceable bower anchors. In view of strong tides at anchorage, Masters to ensure that the archards with					
20th 8.2 8.4 8.6 1 No lew of strong tides at anchorage, Masters to ensure that the anchor chains, windlass etc. are in good working order.					
21st 7.9					
22nd 7.7 7.9 8.1 23rd 7.3 7.5 7.7 24th 7.0 7.2 7.4 7.5 7.7 25th 7.2 7.4 7.6 7.8 8.0 28th 7.9 8.1 8.3 37.5 7.7 29th 8.0 8.2 8.4 30th 8.0 8.2 8.4 30th 8.0 8.2 8.4 30th 8.0 8.2 8.4 30th 7.5 7.7 3rd 7.4 7.6 4th 7.3 7.5 5th 7.3 7.5 7.7 7.9 5th 7.3 7.5 5th 7.3 7.5 7.7 7.6 88*11*12"E) and Gasper Channel before proceeding up. 8th 7.1 7.3 7.5 7.7 12th 6.8 7.0 7.2 13th 7.2 7.4 7.6 13th 7.5 7.7 15th 7.3 7.5 7.7 15th 7.5 7.7 7.9 18th 7.5 7.7 29th 7.3 7.5 7.7 29th 7.3 7.5 7.7 29th 7.3 7.5 7.7 29th 7.3 7.5 7.7 29th 7.3 7.5 7.7 29th 7.3 7.5 7.7 29th 7.3 7.5 7.7 29th 7.3 7.5 7.7					
23rd 7.3 7.5 7.7 7.9 7.6 7.7 7.9 7.6 7.8 8.0 8.2 8.4 7.5 7.7 7.9 7.5 7.7 7.5 7.					Janchor chains, windlass etc. are in good working order.
24th 7.0 7.2 7.4 7.6 7.5 7.7 7.5 7.7 7.9 8.1 8.3 8.4 8.4 8.4 8.4 8.5 8.4 8.5 8.5 8.4 8.5 8.					10.010.00
7.5					6. A.I.S. Pilot plug of all vessels are required to be oprational.
26th 7.3 7.5 7.7 27th 7.6 7.8 8.0 28th 7.9 8.1 8.3 29th 8.0 8.2 8.4 30th 8.0 8.2 30th 8.0 8.2 8.4 30th 8.0 8.2 30th 8.0 8.2 8.4 30th 8.0 8.2 8.4 30th 8.0 8.2					
28th 7.9 8.1 8.0 8.0 Maximum of three vessels may be accommodated at anchorage subject to tidal/weather conditions. In strong tides/adverse may be accommodated at anchorage subject to tidal/weather conditions. In strong tides/adverse may be reduced. OUTWARD 1st 7.5 7.7 7.9 2nd 7.5 7.7 7.9 2nd 7.5 7.7 7.9 2nd 7.4 7.6 7.8 4th 7.3 7.5 7.7 5th 7.3 7.5 7.7 5th 7.2 7.4 7.6 8th 7.1 7.3 7.5 9th 7.2 7.4 7.6 8th 7.1 7.3 7.5 9th 7.0 7.2 7.4 7.6 10th 6.8 7.0 7.2 1.4 11th 6.7 6.9 7.1 12th 6.8 7.0 7.2 1.4 11th 7.3 7.5 7.7 15th 7.3 7.5 7.7 15th 7.3 7.5 7.7 15th 7.3 7.5 7.7 15th 7.7 7.9 3th 7.0 7.2 1.4 11th 6.7 6.9 7.1 12th 6.8 7.0 7.2 1.4 14th 7.3 7.5 7.7 15th 7.5 7.7 7.9 18th 7.5 7.7 7.9					7. Based on Silver Tree - 4.0 mtrs. & L.Maragolia - 4.6 mtrs.
28th 7.9 8.1 8.3 8.4 8.4 8.5 8.4 8.6 8.2 8.4 8.4 8.5 8.4 8.5 8.4 8.5 8.4 8.5 8.4 8.5 8.4 8.5 8.					
29th 8.0 8.2 8.4 weather or for any other reason, number of vessels at anchorage may be reduced.					
30th 8.0 8.2 8.4 May be reduced.	28th				
9. Forecast subject to alterations. 1st 7.5 7.7 7.9 2nd 7.5 7.7 7.9 10. Pilot embarkation at Middleton Channel. Time to be confirmed from Sagar Pilot/VTS Station. 4th 7.3 7.5 7.7 5th 7.2 7.4 7.6 Station and ask for pilotage instructions between ECLV (21*04*N, 7th 7.2 7.4 7.6 88*11*12*E) and Gasper Channel before proceeding up. 8th 7.1 7.3 7.5 9th 7.0 7.2 7.4 10th 6.8 7.0 7.2 on VHF Channel 16/68 above Lower Gasper Light Vessel. 11th 6.7 6.9 7.1 12th 6.8 7.0 7.2 13. Inward Vessels anchoring at Sandheads to keep clear the shipping lane. 14th 7.3 7.5 7.7 15th 7.3 7.5 7.7 15th 7.3 7.5 7.7 15th 7.5 7.7 7.9 18th 7.5 7.7 7.9 18t	29th	8.0		8.4	weather or for any other reason, number of vessels at anchorage
1st 7.5 7.7 7.9 2nd 7.5 7.7 7.9 10. Pilot embarkation at Middleton Channel. Time to be confirmed from Sagar Pilot/VTS Station. 10th 7.2 7.4 7.6 88*11'12"E) and Gasper Channel before proceeding up. 11th 6.7 6.9 7.1 12th 6.8 7.0 7.2 7.4 7.6 14th 7.3 7.5 7.7 15th 7.3 7.5 7.7 7.9 15th 7.0 7.0 7.0 7.0 7.0 7	30th	8.0	8.2	8.4	may be reduced.
2nd 7.5 7.7 7.9 10. Pilot embarkation at Middleton Channel. Time to be confirmed from Sagar Pilot/VTS Station. 4th 7.3 7.5 7.7 15th 7.3 7.5 7.7 15th 7.3 7.5 7.7 15th 7.2 7.4 7.6 8th 7.1 7.3 7.5 7.5 9th 7.0 7.2 7.4 7.6 88*11*12*E) and Gasper Channel before proceeding up. 8th 7.1 7.3 7.5 7.4 11. Inward vesels should report their ETA Sandheads to Pilot Station and ask for pilotage instructions between ECLV (21*04*N, 88*11*12*E) and Gasper Channel before proceeding up. 8th 7.1 7.3 7.5 7.4 12. Assistance is available from VTMS Station at Haldia/Sagar on VHF Channel 16/68 above Lower Gasper Light Vessel. 11th 6.7 6.9 7.1 12. Inward Vessels anchoring at Sandheads to keep clear the shipping lane. 14th 7.3 7.5 7.7 14. Masters to procure River Hugli Estuary Chart through their 16th 7.5 7.7 7.9 15th 7.7 7.9 7.9 7.9 15th 7.7 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9	OUTWARD 1st 7.5 7.7 7.9				9. Forecast subject to alterations.
3rd 7.4 7.6 7.8 from Sagar Pilot/VTS Station. 4th 7.3 7.5 7.7 5th 7.3 7.5 7.7 11. Inward vesels should report their ETA Sandheads to Pilot 6th 7.2 7.4 7.6 Station and ask for pilotage instructions between ECLV (21*04'N, 8*11'12"E) and Gasper Channel before proceeding up. 8th 7.1 7.3 7.5 9th 7.0 7.2 7.4 12. Assistance is available from VTMS Station at Haldia/Sagar 10th 6.8 7.0 7.2 7.4 12. Assistance is available from VTMS Station at Haldia/Sagar 10th 6.8 7.0 7.2 13. Inward Vessels anchoring at Sandheads to keep clear the 11th 7.2 7.4 7.6 13. Inward Vessels anchoring at Sandheads to keep clear the 11th 7.3 7.5 7.7 15th 7.3 7.5 7.7 15th 7.3 7.5 7.7 17th 7.5 7.7 7.9 18th 7.5 7.7 7.9 18th 7.5 7.7 7.9 18th 7.5 7.7 7.9 15. Proper anchor watch & VHF watch on Channel 16 to be 19th 7.5 7.7 7.9 15. Proper anchor watch & VHF watch on Channel 16 to be 19th 7.5 7.7 7.9 22nd 7.2 7.4 7.6 7.8 21st 7.3 7.5 7.7 22nd 7.2 7.4 7.6 23rd 7.0 7.2 7.4 24th 6.9 7.1 7.3 25th 6.9 7.1 7.3 25th 7.0 7.2 7.4 27th 7.2 7.4 7.6 28th 7.3 7.5 7.7 29th 7.3 7.5 7.7 29th 7.3 7.5 7.7					10. Pilot embarkation at Middleton Channel. Time to be confirmed
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