## **KOLKATA PORT TRUST**

MRN/HMR/HD/D/204

H.M.( R )'S OFFICE Dated: 27/07/2017

ESTMATED FRESH WATER DRAFT FORECAST FOR THE MONTH OF SEPT'2017 FOR HALDIA FOR VESSELS OF 12KTS. & OVER (SUBJECT TO ALTERATION)

	FOR HALD	IA FOR VE	SSELS OF 12KTS. & OVER (SUBJECT TO ALTERATION)
INWARD:	Haldia Doc	k and Hald	lia Oil Jetties NOTES
Date	Α	В	
*1st	7.5	7.7	Calculated for 12kts. River Speed draft to be
2nd	7.7	7.9	reduced 0.1mtr. for every knot below 12kts.
3rd	8.0	8.2	
4th	8.1	8.3	2. OAL Category:
5th	8.3	8.5	A) Over 180 mtrs.
6th	8.4	8.6	B) Upto 180 mtrs
7th	8.4	8.6	
8th	8.4	8.6	3. Pilot embarkation at EDEN Channel. Time to be
9th	8.4	8.6	confirmed from pilot station.
10th	8.3	8.5	Joseph Maria Maria Pilot didition.
11th	8.1	8.3	4 14. RIVER HUGLI ESTUARY INFORMATION CHART TO BE
12th	7.9	8.1	OBTAINED BY MASTERS THROUGH THEIR AGENTS FROM
13th	7.6	7.8	CHIEF HYDROGRAPHER OF KOPT.
14th	7.4	7.6	John Liver The Colon Col
*15th	7.4	7.8	5.Inward ships should report their ETA Sandheads to Pilots
16th	7.8	8.0	Station for pilotage instructions between WCLV waypoint 1
17th	8.1	8.3	(21*05.00'N, 087*51.30'E) and EDEN Channel before
17th	8.3	8.5	proceeding up.
19th	8.4	8.6	iprocoduling up.
20th	8.4	8.6	6.Inward Vessels awaiting pilot to anchor at Sandheads SE of
21st	8.4	8.6	WCLV keeping clear shipping lane. VHF watch on Ch.16/68 &
22nd	8.3	8.5	SSB 4147.4 KHz to be maintained for pilot instructions.
23rd	8.2	8.4	1998 4147.4 KHZ to be maintained for pilot instructions.
24th	8.0	8.2	7. Assistance is available from VTMS/SAGAR VTS
25th	7.9	8.1	on VHF Channel 16/68 FROM way point 3(21*21.7N, 087*48.6E)
26th	7.7	7.9	to pilot boarding ground.
27th	7.5	7.7	to phot boarding ground.
28th	7.3	7.7	8. Waypoints & buoy positions may be confirmed with
29th	7.1	7.3	SAGAR VTS / PILOT STATION.
*30th	7.1	7.6	JOAGAR VIOTILOT GTATION.
	7	7.0	9. Forecast applicable for Haldia Docks and HOJ.
OUTWARD	)		Subject to alteration.
1st	7.2	7.4	
2nd	7.4	7.6	10. Mooring Rope requirements :
3rd	7.6	7.8	A) HOJ1 - 5+3+3 FOR'D   3+3+5 AFT
*4th	8.0	8.2	HOJ2/3 - 4+4+3 FOR'D   3+4+4 "
5th	8.1	8.3	B) Each rope should be a separate coil.
6th	8.2	8.4	
7th	8.2	8.4	11. Restrictions are likely to be imposed on LOA/
8th	8.2	8.4	DRAFT at HOJ1 due variations in soundings
9th	8.2	8.4	Acceptance of Vessels at HOJ1 may be confirmed
10th	8.1	8.3	in advance from MMOH.
11th	8.0	8.2	
12th	7.8	8.0	12. Soundings based on Jellingham - 4.7mtrs. and
13th	7.5	7.7	Upper Eden - 4.6 mtrs.
14th	7.4	7.6	<b>1</b> ···
15th	7.4	7.6	13. All Vessels to ensure that their engines, steering etc.
16th	7.6	7.8	are in good working order.
17th	7.8	8.0	1
*18th	8.1	8.3	14) All vessels are required to have two serviceable
19th	8.2	8.4	bower anchors for safe transit.
20th	8.2	8.4	
21st	8.2	8.4	15) All vessels A.I.S. Pilot plug required to be operational.
22nd	8.1	8.3	]
23rd	8.0	8.2	
24th	7.9	8.1	
25th	7.8	8.0	Sd/-
26th	7.6	7.8	Harbour Master ( River)
27th	7.4	7.6	बंदरगाह मास्टर (नदी)
28th	7.2	7.4	
29th	7.1	7.3	
30th	7.2	7.4	

No. MRWHMR/HDM/204    No. MRWHMR/HDM/204   Haldia Dock   HALDia NightT SEPTEMBER 2017   Dade 2/37/72017     SETIMATED FRESH WATER DRAFT FORECAST FOR THE MONTH OF SEPT17 FOR HALDIA, FOR VESSELS OF 12KTS. & OVER (SUBJECT TO ALTERATION)    NO TES				KOLKATA PORT TRUST
Name	No. MRN/h	HMR/HD/N/	/204	· /
Date   A   B   11st   7.3   7.5   7.7   7.9   7.5   7.7   7.9   8.1   1.5   8.3   8.5   1.5   8.4   8.6   8.6   1.5   8.1   8.3   8.5   1.5   8.1   8.3   8.5   1.5   8.1   8.3   8.5   1.5   8.1   8.3   8.5   1.5   8.1   8.3   8.5   1.5   8.1   8.3   8.5   1.5   8.1   8.3   8.5   1.5   8.1   8.3   8.5   1.5   8.1   8.3   8.5   1.5   8.1   8.3   8.5   1.5   8.1   8.3   8.5   1.5   8.1   8.3   8.5   1.5   8.3   8.5				
14st				4
2nd   7.5   7.7   7.9     4th   7.9   8.1     5th   8.1   8.3   8.5     7th   8.4   8.6     8th   8.4   8.6     9th   8.4   8.6     9th   8.4   8.6     9th   8.4   8.6     10th   8.3   8.5     10th   8.3   8.5     11th   8.1   8.3     12th   7.9   8.1     13th   7.6   7.8     14th   7.6   7.8     15th   7.7   7.9     15th   7.7   7.9     15th   8.3   8.5     20th   8.3   8.5     21st   8.3   8.5     22td   8.3   8.5     22td   8.3   8.5     22td   8.3   8.5     22td   8.1   8.3     25th   7.9   8.1     25th   7.7   7.9     27th   7.5   7.7     28th   7.3   7.5     30th   7.2   7.4     20th   8.1   8.3     25th   7.9   8.1     25th   7.7   7.9     27th   7.5   7.7     28th   7.3   7.5     30th   7.2   7.4     20th   8.2   8.4     4th   7.8   8.0     5th   8.0   8.2     2th   7.9   8.1     2th   7.8   8.0     2th   7.8   8.0     2th   7.8   8.0     2th   7.9   8.1     2th   7.8   8.0     2th   7.9   8.1     2th   7.8   8.0     2th   7.9   8.1     2th   7.7   7.9     2th   7.5   7.7     2th				· ·
NOTES   NOTES   STATE   STA				(SUBJECT TO ALTERATION)
### 17.9				NOTES
Sth   S.3   S.5   S.5   Sth   S.4   S.6   Sth   S.5   S.5   Sth   S.5   Sth   S.5   Sth   S.5   Sth   S.5   Sth   S.5   S.5   S.5   S.5   Sth   S.5   S.5   S.5   Sth   S.5   S.5   S.5   Sth   S.5   S.5   S.5   Sth   S.5   S.5   S.5   S.5   Sth   S.5   S.5   S.5   Sth   S.5   S.5   S.5   Sth   S.5   S.5   S.5   Sth   S.5   S.5   S.5   S.5   Sth   S.5   S.5   S.5   Sth   S.5   S.5   S.5   S.5   Sth   S.5   S.5   S.5   Sth   S.5   S.5	<u> </u>			
Trit	5th	8.1	8.3	INWARD SHIPS AT NIGHT
Sith   8.4   8.6   9th   8.4   8.6   9th   8.4   8.6   8.6   9th   8.4   8.6   8.6   9th   8.4   8.6   8.6   10th   8.3   8.5   11th   8.1   8.3   12th   7.9   8.1   13th   7.6   7.8   14th   7.6   7.8   7.5   7.7   16th   7.7   7.9   1.1   17th   8.0   8.2   18th   8.1   8.3   19th   8.3   8.5   23rd   8.1   28rd   7.7   7.9   27th   7.5   7.7   28th   7.3   7.5   29th   7.3   27th   8.0   8.2   21th   8.0   8.2   21th   8.1   8.3   21th   8.1   8.3   22rd   8.	6th	8.3	8.5	
9th 8.4 8.6 10th 8.3 8.5 11th 8.1 8.3 12th 7.9 8.1 13th 7.6 7.8 14th 7.6 7.8 14th 7.6 7.8 14th 7.5 7.7 15th 7.5 7.7 15th 8.0 8.2 12th 8.3 8.5 20th 8.3 8.5 22th 7.9 8.1 25th 7.7 7.9 27th 7.5 7.7 28th 7.3 7.5 30th 7.2 7.4  OUTWARD: 1st 7.6 7.8 2nd 7.8 8.0 3rd 7.8 8.0 13th 7.6 7.8 13th 8.2 8.4 10th 8.3 8.0 13th 7.6 7.8 13th 7.6 7.8 13th 7.6 7.8 13th 7.7 7.9 10th 7.9 8.1 17th 7.9 7.9 18th 7.6 7.8 18th 8.0 8.2 12th 7.3 7.5 18th 7.9 8.1 18th 8.0 8.2 18th 8.0 8.2 18th 8.1 8.3 18th 7.6 7.8 18th 8.0 8.2 18th 8.1 8.3 18th 7.6 7.8 18th 8.0 8.2 18th 8.1 8.3 18th 8.0 8.2 18th 8.1 8.3 18th 7.6 7.8 18th 8.0 8.2 18th 8.1 8.3 18th 8.0 8.2 18th 7.7 7.9 18th 7.9 7.9 18th				•
10th   8.3				draft upto 8.5 mtrs.
11th 8.1 8.3   8.3   12th 7.9   8.1   13th 7.6   7.8   14th 7.6   7.8   15th 7.7   7.9   17th 8.0   8.2   18th 8.3   8.5   19th 8.3   8.5   12th 8.3   8.5   12th 8.3   8.5   12th 8.1   8.3   12th 8.1   8.3   12th 8.1   8.3   12th 8.1   8.3   12th 8.2   8.4   11th 8.0   8.2   12th 7.8   8.0   12th 7.7   7.9   16th 7.9   8.1   12th 7.8   8.0   12th 7.7   7.9   16th 7.9   8.1   12th 8.0   8.2   12th 7.5   7.7   7.9   7	<u> </u>			2 For No. 4 Holdin Oil Jothy Hoto 450 mtro 100
12th   7.9				
13th				and drait upto 0.5 miles.
*15th   7.5				3. IT IS EXPECTED VESSELS WILL BE FULLY
16th				4
17th   8.0   8.2   19th   8.1   8.3   8.5   20th   8.3   8.5   21st   8.3   8.5   22nd   8.3   8.5   23rd   8.2   8.4   24th   8.1   8.3   8.5   25th   7.9   8.1   26th   7.3   7.5   29th   7.3   7.5   29th   7.3   7.8   8.0   3rd   7.8	*15th	7.5	7.7	BERTHING AT NIGHT.
18th   8.1				
19th   8.3   8.5   20th   8.3   8.5   21st   8.3   8.5   22nd   8.3   8.5   23rd   8.2   8.4   24th   8.0   8.2   22nd   8.1   8.3   23rd   8.1   8.3   22nd   8.1				•
20th   8.3   8.5   21st   8.3   8.5   22nd   8.2   8.4   24th   8.1   8.3   25th   7.9   8.1   27th   7.5   7.7   28th   7.3   7.5   29th   7.8   8.0   3   3.6   3   3.5   3   3   3   3   3   3   3   3   3				
21st   8.3   8.5     22nd   8.3   8.5     23rd   8.2   8.4     24th   8.1   8.3     25th   7.9   8.1     26th   7.7   7.9     27th   7.5   7.7     28th   7.3   7.5     29th   7.3   7.5     30th   7.2   7.4     7.8   8.0     3rd   7.8   8.0     4th   7.8   8.0     5th   8.0   8.2     6th   8.1   8.3     7th   8.2   8.4     9th   8.2   8.4     10th   8.1   8.3     12th   7.8   8.0     13th   7.6   7.8     14th   7.6   7.8     15th   7.7   7.9     16th   7.9   8.1     17th   7.9   8.1     17th   7.9   8.1     18th   8.0   8.2     19th   8.1   8.3     22nd   8.1   8.3     23rd   8.1   8.3     23rd   8.1   8.3     24th   8.0   8.2     25th   7.9   8.1     26th   7.7   7.9     27th   7.5   7.7     28th   7.3   7.5     29th   7.3   7.5				•
22nd   8.3   8.5   8.4   24th   8.0   8.2   8.4   8th   8.2   8.4   10th   8.3   8.0   13th   7.6   7.8   13th   7.6   7.8   13th   7.6   7.8   13th   7.7   7.9   16th   7.7   7.5   7.7   16th   7.7   7.9   1				VLOGELG.
23rd 8.2 8.4 24th 8.1 8.3 25th 7.9 8.1 26th 7.7 7.9 27th 7.5 7.7 28th 7.3 7.5 29th 7.3 7.5 *30th 7.2 7.4  OUTWARD:  1st 7.6 7.8 2nd 7.8 8.0 3rd 7.8 8.0 3rd 7.8 8.0 5th 8.0 8.2 6th 8.1 8.3 2nd 8.1 8.3 2th 8.2 8.4 9th 8.2 8.4 9th 8.2 8.4 10th 8.2 8.4 10th 8.2 8.4 11th 8.0 8.2 12th 7.8 8.0 13th 7.6 7.8 15th 7.7 7.9 16th 7.9 8.1 17th 7.9 18th 8.0 8.2 19th 8.1 8.3 22nd 8.1 8.3 22nd 8.1 8.3 22nd 8.1 8.3 22nd 8.1 8.3 22th 8.0 8.2 25th 7.9 8.1 26th 7.7 7.9 27th 7.5 7.7 28th 7.3 7.5 29th 7.3 7.5				Night draft apply to tides available between
25th 7.9 8.1 26th 7.7 7.9 26th 7.7 7.9 27th 7.5 7.7 28th 7.3 7.5 29th 7.3 7.5 29th 7.3 7.5 29th 7.3 7.5 29th 7.3 7.5 30th 7.2 7.4  COUTWARD:  1st 7.6 7.8 2nd 7.8 8.0 3rd 7.8 8.0 3rd 7.8 8.0 3rd 7.8 8.0 5th 8.0 8.2 6th 8.1 8.3 7th 8.2 8.4 9th 8.2 8.4 9th 8.2 8.4 9th 8.2 8.4 10th 8.2 8.4 10th 8.0 8.2 12th 7.8 8.0 13th 7.6 7.8 14th 7.6 7.8 14th 7.9 8.1 17th 7.9 8.1 21st 8.1 8.3 20th 8.1 8.3 20th 8.1 8.3 22nd 8.1 8.3 22th 8.0 8.2 25th 7.9 8.1 26th 7.7 7.9 27th 7.5 7.7 27th 7.5 7.7 28th 7.3 7.5 29th 7.3 7.5 29th 7.3 7.5				
26th   7.7   7.9     27th   7.5   7.7     28th   7.3   7.5     29th   7.3   7.5     30th   7.2   7.4			8.3	
7.5 7.7 28th 7.3 7.5 29th 7.3 7.5 29th 7.3 7.5 29th 7.3 7.5 29th 7.2 7.4  8. All vessels A.I.S. Pilot plug required to be operational.  OUTWARD: 1st 7.6 7.8 2nd 7.8 8.0 3rd 7.8 8.0 3rd 7.8 8.0 3rd 8.1 8.3 3rth 8.2 8.4 8th 8.2 8.4 8th 8.2 8.4 10th 8.2 8.4 10th 8.2 8.4 11th 8.0 8.2 12th 7.8 8.0 13th 7.6 7.8 14th 7.6 7.8 15th 7.7 7.9 16th 7.9 8.1 17th 7.9 8.1 17th 7.9 8.1 17th 7.9 8.1 20th 8.1 8.3 22nd 8.1 8.3 22nd 8.1 8.3 22nd 8.1 8.3 22nd 8.1 8.3 22th 8.0 8.2 25th 7.9 8.1 26th 7.7 7.9 27th 7.5 7.7 28th 7.7 7.9 27th 7.5 7.7 28th 7.3 7.5 29th 7.3 7.5	25th	7.9	8.1	6. All vessels to ensure that their engines, steering etc.
7. Pilot embarkation at EDEN Channel.   29th 7.3   7.5				are in good working order.
30th   7.2   7.4   8. All vessels A.I.S. Pilot plug required to be operational.				7. Dilet embediation of EDEN Object
*30th   7.2				7. Pilot embarkation at EDEN Channel.
1st   7.6   7.8				8 All vessels A LS. Pilot plug required to be operational
1st   7.6   7.8   2nd   7.8   8.0   3rd   7.8   8.0   44th   7.8   8.0   5th   8.0   8.2   6th   8.1   8.3   8.4   8th   8.2   8.4   8th   8.2   8.4   8th   8.2   8.4   10th   8.2   8.4   11th   8.0   8.2   12th   7.8   8.0   13th   7.6   7.8   14th   7.6   7.8   15th   7.7   7.9   16th   7.9   8.1   17th   7.9   8.1   17th   7.9   8.1   18th   8.0   8.2   19th   8.1   8.3   22nd   8.1   8.3   22nd   8.1   8.3   22nd   8.1   8.3   22nd   8.1   8.3   22sd   8.1   8.3   23sd   8.1   8.3   23sd   8.3	30111	1.2	7.4	O. All Vessels A.I.O. I not plug required to be operational.
2nd     7.8     8.0       3rd     7.8     8.0       *4th     7.8     8.0       5th     8.0     8.2       6th     8.1     8.3       7th     8.2     8.4       8th     8.2     8.4       9th     8.2     8.4       10th     8.2     8.4       11th     8.0     8.2       12th     7.8     8.0       13th     7.6     7.8       15th     7.7     7.9       16th     7.9     8.1       17th     7.9     8.1       19th     8.1     8.3       20th     8.1     8.3       21st     8.1     8.3       22nd     8.1     8.3       23rd     8.1     8.3       24th     8.0     8.2       25th     7.9     8.1       26th     7.7     7.9       27th     7.5     7.7       28th     7.3     7.5       29th     7.3     7.5	OUTWAR	RD:		
3rd   7.8	1st	7.6	7.8	
*4th     7.8     8.0       5th     8.0     8.2       6th     8.1     8.3       7th     8.2     8.4       8th     8.2     8.4       9th     8.2     8.4       10th     8.2     8.4       11th     8.0     8.2       12th     7.8     8.0       13th     7.6     7.8       14th     7.6     7.8       15th     7.7     7.9       16th     7.9     8.1       17th     7.9     8.1       *18th     8.0     8.2       19th     8.1     8.3       20th     8.1     8.3       23rd     8.1     8.3       23rd     8.1     8.3       24th     8.0     8.2       25th     7.9     8.1       26th     7.7     7.9       27th     7.5     7.7       28th     7.3     7.5       29th     7.3     7.5	2nd			
Sth   8.0   8.2				
6th 8.1 8.3 7th 8.2 8.4 8th 8.2 8.4 9th 8.2 8.4 10th 8.2 8.4 11th 8.0 8.2 12th 7.8 8.0 13th 7.6 7.8 14th 7.6 7.8 15th 7.7 7.9 16th 7.9 8.1 17th 7.9 8.1 18th 8.0 8.2 19th 8.1 8.3 20th 8.1 8.3 22th 8.1 8.3 22nd 8.1 8.3 22nd 8.1 8.3 23rd 8.1 8.3 24th 8.0 8.2 24th 8.0 8.2 25th 7.9 8.1 26th 7.7 7.9 27th 7.5 7.7 28th 7.3 7.5 29th 7.3 7.5	-			
7th 8.2 8.4 8th 8.2 8.4 9th 8.2 8.4 10th 8.2 8.4 11th 8.0 8.2 12th 7.8 8.0 13th 7.6 7.8 14th 7.6 7.8 15th 7.7 7.9 16th 7.9 8.1 17th 7.9 8.1 18th 8.0 8.2 19th 8.1 8.3 20th 8.1 8.3 22nd 8.1 8.3 22nd 8.1 8.3 22nd 8.1 8.3 22nd 8.1 8.3 22th 8.0 8.2 25th 7.9 8.1 26th 7.7 7.9 27th 7.5 7.7 28th 7.3 7.5				
8th 8.2 8.4 9th 8.2 8.4 10th 8.2 8.4 11th 8.0 8.2 12th 7.8 8.0 13th 7.6 7.8 14th 7.6 7.8 15th 7.7 7.9 16th 7.9 8.1 17th 7.9 8.1 18th 8.0 8.2 19th 8.1 8.3 20th 8.1 8.3 22nd 8.1 8.3 22nd 8.1 8.3 22nd 8.1 8.3 23rd 8.1 8.3 24th 8.0 8.2 25th 7.9 8.1 26th 7.7 7.9 27th 7.5 7.7 28th 7.3 7.5 29th 7.3 7.5				
9th 8.2 8.4 10th 8.2 8.4 11th 8.0 8.2 12th 7.8 8.0 13th 7.6 7.8 14th 7.6 7.8 15th 7.7 7.9 16th 7.9 8.1 17th 7.9 8.1 **18th 8.0 8.2 19th 8.1 8.3 20th 8.1 8.3 21st 8.1 8.3 22nd 8.1 8.3 22nd 8.1 8.3 22nd 8.1 8.3 23rd 8.1 8.3 24th 8.0 8.2 25th 7.9 8.1 26th 7.7 7.9 27th 7.5 7.7 28th 7.3 7.5 29th 7.3 7.5				
11th 8.0 8.2 12th 7.8 8.0 13th 7.6 7.8 14th 7.6 7.8 15th 7.7 7.9 16th 7.9 8.1 17th 7.9 8.1 *18th 8.0 8.2 19th 8.1 8.3 20th 8.1 8.3 22nd 8.1 8.3 22nd 8.1 8.3 23rd 8.1 8.3 24th 8.0 8.2 25th 7.9 8.1 26th 7.7 7.9 27th 7.5 7.7 28th 7.3 7.5 29th 7.3 7.5				
12th 7.8 8.0 13th 7.6 7.8 14th 7.6 7.8 15th 7.7 7.9 16th 7.9 8.1 17th 7.9 8.1 *18th 8.0 8.2 19th 8.1 8.3 20th 8.1 8.3 21st 8.1 8.3 22nd 8.1 8.3 23rd 8.1 8.3 23rd 8.1 8.3 24th 8.0 8.2 25th 7.9 8.1 26th 7.7 7.9 27th 7.5 7.7 28th 7.3 7.5 29th 7.3 7.5	10th	8.2	8.4	
13th 7.6 7.8 14th 7.6 7.8 15th 7.7 7.9 16th 7.9 8.1 17th 7.9 8.1 *18th 8.0 8.2 19th 8.1 8.3 20th 8.1 8.3 21st 8.1 8.3 22nd 8.1 8.3 22nd 8.1 8.3 23rd 8.1 8.3 24th 8.0 8.2 25th 7.9 8.1 26th 7.7 7.9 27th 7.5 7.7 28th 7.3 7.5 29th 7.3 7.5				
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25th     7.9     8.1       26th     7.7     7.9       27th     7.5     7.7       28th     7.3     7.5       29th     7.3     7.5				
26th     7.7     7.9       27th     7.5     7.7       28th     7.3     7.5       29th     7.3     7.5				अदरणात् नास्टर (नदा <i>)</i>
27th     7.5     7.7       28th     7.3     7.5       29th     7.3     7.5	-			
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