

NATIONAL WATERWAY NO. 3
WATERWAY NOTICE NW3/06/2010

LATEST AVAILABLE DEPTHS IN CHAMPAKARA CANAL, UDYOGMANDAL CANAL AND WEST COAST CANAL

SL#	NAME OF THE BEAT (CHAINAGE IN kms.)	Period of Survey	Least Available Depth (LAD) (m)	Expected tidal variation above LAD (m)	Critical Bridge Clearance	
					Horizontal (m)	Vertical above H.F.L. (m)
1	<u>CHAMPAKARA CANAL (21.5 kms.)</u> COCHIN PORT - AMABALAMUGAL FACT (0.0 - 21.5)	16.06.10 to 21.06.10	1.5	0.5	12.8	4.8
2	<u>UDYOGMANDAL CANAL (21 kms.)</u> COCHIN PORT - PATHALAM BRIDGE (0.0 - 21)		1.7	0.5	32.0	7.0
3	<u>WEST COAST CANAL (183 kms.)</u> i <u>KOTTAPURAM BRIDGE - KOCHI PORT</u> (0.0 - 34)		1.1	0.4	18.3	4.27
	ii <u>KOCHI PORT - ALAPPUZHA</u> (34 - 97)			0.4	18.0	5.0
			2.0	0.4	12.3	5.6
				0.4		
	iii <u>ALAPPUZHA - KOLLAM TERMINAL</u> (97 - 183)		1.9	0.4	14.6	4.6
			1.4	0.4	9.2	5.5
			1.1	0.4	32.0	7.0
			1.3	0.4	15.0	5.5
		0.9	0.4	7.9	4.6	

NOTES

- 1 **River Navigational Charts for West Coast Canal along with Champakara and Udyogmandal Canals have been published and are available for sale from IWAI, H.O., NOIDA.**
- 2 Depths are reduced for tidal variation during the month of survey.

CAUTIONS

- 1 This river notice supercedes River Notice No. 05/2010
- 2 Night navigation facilities are available from Kochi to Alappuzha, Champakara Canal & Udyogmandal Canal.
- 3 There are 12 bridges in Champakara Canal, 2 bridges in Udyogmandal & 20 bridges in West Coast Canal where the barges shall run at reduced speed.
- 4 Fishing stake nets & China nets are erected all along the waterway, especially near Aroor area, Cherai area, Ashtamudi Kayal etc. where the barges shall run at reduced speed.
- 5 In narrow stretches of the canal power lines are crossing at lower levels where ship masts are to be collapsed.
- 6 Vessel shall run at reduced speed at narrow stretches/bends of Champakara Canal, Udyogmandal Canal and West Coast Canal in order to avoid bank erosion/accidents.
- 7 Vessel shall run at reduced speed while crossing country boats in order to avoid accidents.
- 8 Vessel shall run at reduced speed near locks. The lock gates are kept open during the Monsoon period June - November and closed, but open to vessel movement during December - May. The details of locks are given below: -

Thanneermukkom

East: 12.10 X 61.00 X 5.6 m (Head room)
West: 9.00 X 69.00 X 4.6 m (, ,)

Trikkunnappuzha

East: 6.10 X 25.50 X 4.7 m (Head room)
West: 9.20 X 39.00 X 4.6 m (, ,)

A Up-to-date information for National Waterway No. 3 can be had from : Director, IWAI, National Waterway Road, N.H. 47 Bye Pass, Kannadikkadu Maradu, Ernakulam - 682 304, Telefax: 0484-2389445, Ph: 0484-2389804, 2389208; E-mail : iwai_kochi@yahoo.co.in