

**NATIONAL WATERWAY NO. 3**  
**WATERWAY NOTICE NW3/12/2011**

**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	<b>CHAMPAKARA CANAL (21.5 kms.)</b> COCHIN PORT - AMABALAMUGAL FACT (0.0 - 21.5)	27.12.11	1.5	0.5	12.8	4.8
2	<b>UDYOGMANDAL CANAL (21 kms.)</b> COCHIN PORT - PATHALAM BRIDGE (0.0 - 21)	28.12.11	2.0	0.5	32.0	7.0
3	<b>WEST COAST CANAL (183 kms.)</b>					
i	<b>KOTTAPURAM BRIDGE - KOCHI PORT</b> (0.0 - 34)	29.12.11	1.1	0.4	18.3	4.27
ii	<b>KOCHI PORT - ALAPPUZHA</b> (34 - 97)	29.12.11	2.0	0.4	12.3	5.6
iii	<b>ALAPPUZHA - KOLLAM TERMINAL</b> (97 - 183)					
	Allepey - thakazhi Ch 97-118 km	30.12.11	2.0	0.4	14.6	4.6
	Thakazhi-Thrikunnapuzha Ch 118-137km	30.12.11	1.4	0.4	9.2	5.5
	Thrikunnapuzha-Ayramthengu Ch.137-154 km.	30.12.11	1.5	0.4	32.0	7.0
	Ayriamthengu Jty - Edappallikotta Jn Ch.154 - 167 km.	30.12.11	1.5	0.4	15.0	5.5
	Edappallikotta-Kollam Ch 167-183km	30.12.11	0.9	0.4	7.9	4.6

**NOTES**

- 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.**
- Depths are reduced for tidal variation during the month of survey.

**CAUTIONS**

- This river notice supercedes River Notice No.11/2011
- Night navigation facilities are available from Kochi to Alappuzha, Champakara Canal & Udyogmandal Canal.
- 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.
- 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.
- In narrow stretches of the canal power lines are crossing at lower levels where ship masts are to be collapsed.
- 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.
- Vessel shall run at reduced speed while crossing country boats in order to avoid accidents.
- 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 ( , , )

**Trikkunnapuzha**

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