

**COCHIN PORT AUTHORITY**  
**IN FRONT OF PROPOSED NAVAL JETTY, MANEUVERING BASIN**  
**IN ERNAKULAM CHANNEL**

SURVEYED BY DEVARAJ KATHIA ASSISTANT MARINE SURVEYOR  
 AND STAFF OF HYDROGRAPHIC SURVEY WING ALAPPUZA  
 UNDER THE DIRECTION OF THE CHIEF HYDROGRAPHER  
 TO THE GOVERNMENT OF KERALA  
 WGS 84 ELLIPSOID, UNIVERSAL TRANSVERSE MERCATOR PROJECTION - NORTH ZONE-43

SCALE 1:1000

Soundings are reduced to Chart Datum which is 0.92 m below MSL.  
 SURVEYED ON 26 AND 27 JULY 2022  
 SOUNDINGS ARE IN METERS AND DECIMETERS (CHART SUBMITTED ON 08/08/2022)

APPROVED BY:		
V. G. K. S. K.		
CHIEF HYDROGRAPHER	HYDROGRAPHIC SURVEYOR COCHIN PORT AUTHORITY	DEPUTY COMMISSIONER COCHIN PORT AUTHORITY

Note:  
 1. Soundings are reduced to Chart Datum which is 0.92 m below MSL.  
 2. Tide above Chart Datum provided by Hydrographic Survey section, CPA.  
 3. Sounding conducted at 210kHz Frequency using Swath 500 SWP.  
 4. Positioning System using DGPS (Trimble-SPS 851).  
 5. Data logging and processing using Hypack software.  
 6. Line interval 10m and sounding interval 5m along cross sections.

