

20th Conference of the Southern African and Islands Hydrographic Commission SAIHC20

National Report by Survey of Kenya for the Republic of Kenya



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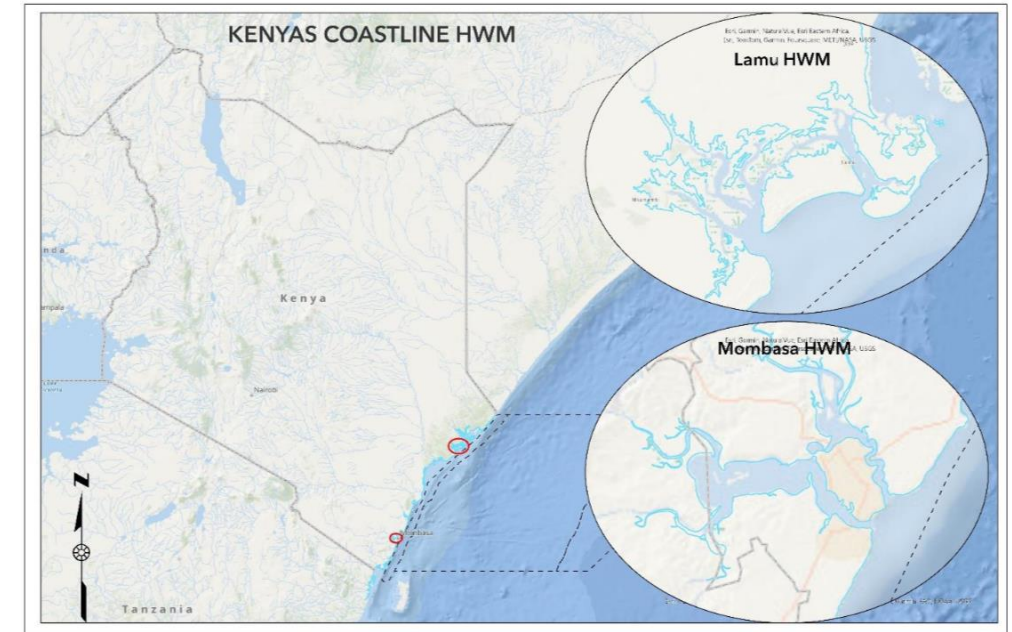
SAIHC20, 17-19 September 2024
Kisumu, Kenya



TOP ACHIEVEMENTS DURING THE YEAR

1. Marine spatial Planning Working group

(Land/sea interface, coastal zone implementation)



There were shifts in the CHWM noted around the Mombasa Port area and Mambriui Salt Pans which call for further verification through either remote sensing or ground verification. These discrepancies are attributed to reclamation over time. This could either be through the actions of man or natural sedimentation. The Following images highlight these shifts:



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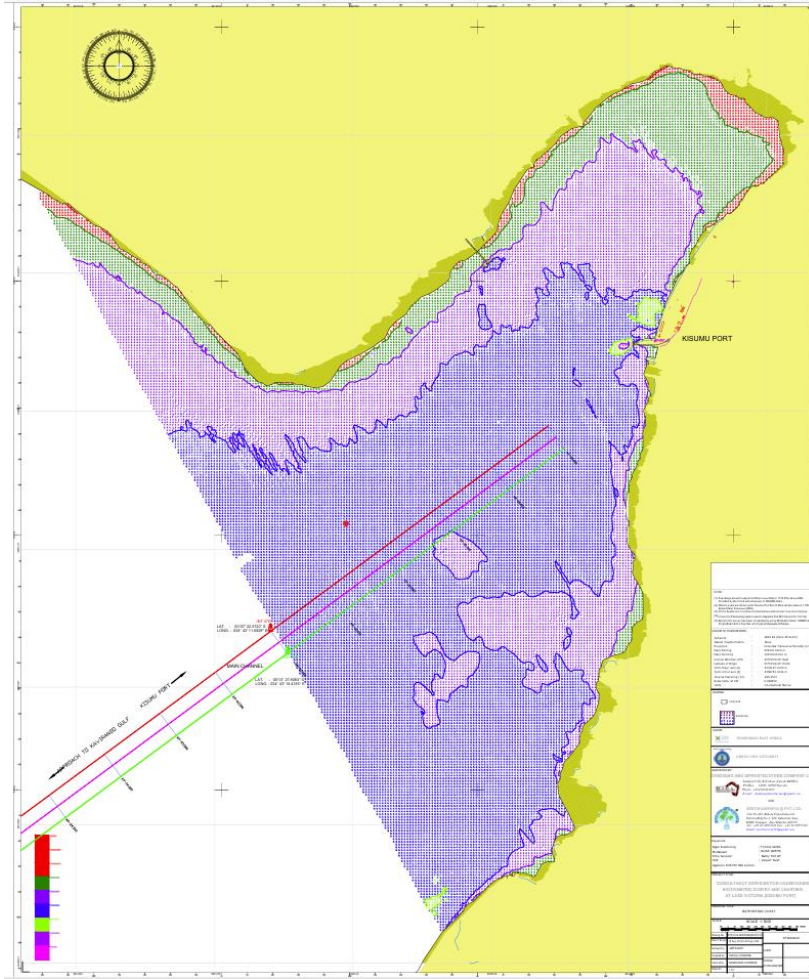
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The marine spatial planning stakeholders working group drawn from Key government Ministries Department and Agencies meeting on coastal zone management



TOP ACHIEVEMENTS DURING THE YEAR

2. Coverage of New Survey on Lake Victoria



The Kenya Ports Authority received funding from Trade mark East Africa to carry out survey on Lake Victoria in Kisumu Port



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TOP ACHIEVEMENTS DURING THE YEAR

3. Inspection of status of new and existing aids to navigation around Lake Victoria



The exercise was carried out by Kenya Ports Authority in conjunction with Kenya Maritime Authority.

Aids to Navigation were installed by Lake Victoria Basin Commission



Pic 8: LUADA KOTIENO LEADING LIGHT. (DISCONNECTED AWAITING LVBC DECISION)



Pic 9: MBITA EAST BERTH LIMIT LIGHT



Pic 10: LUANDA KOTIENO SOUTH BERTH LIMIT LIGHT



Pic 11: MBITA LANDING EXISTING LEADING LIGHT



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TOP CHALLENGES AND/OR OBSTRUCTIONS



- Budget constraints
- Equipment to carry out hydrographic surveys
- Data collection and processing software

Survey of Kenya survey boat at the port of Kisumu (The vessel is not fitted with any hydrographic survey equipment)



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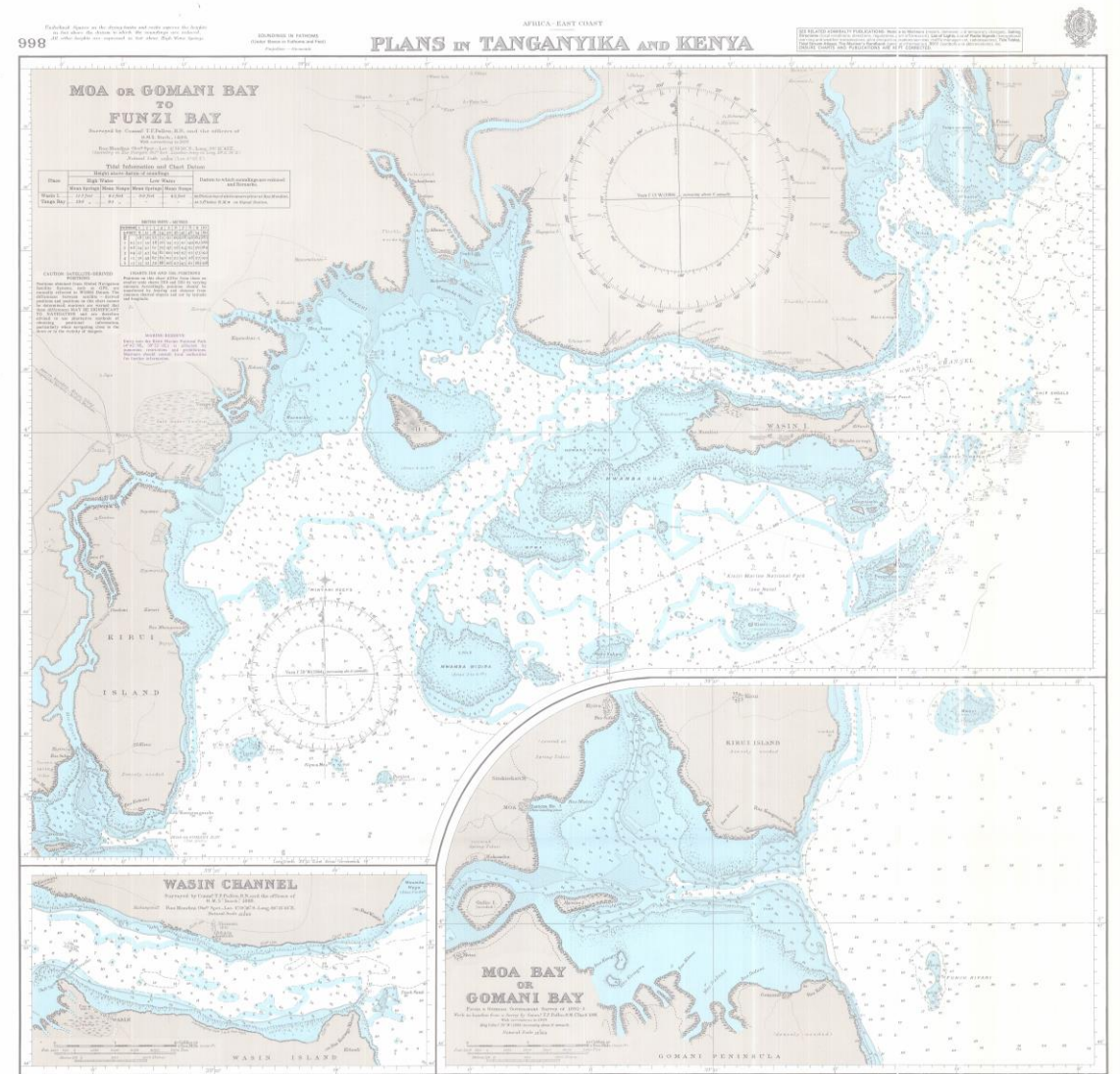
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TOP PLANS THAT AFFECT THE REGION

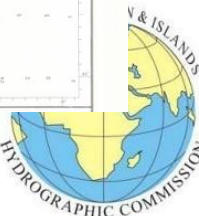
(CHARTS, SURVEYS, TRAINING, OTHER)

- Chart Revision (Most charts covering the Indian Ocean except Mombasa approaches (666) and Lamu are not up to date.
- In the last five years 1 CAT A hydrographer and 1 CAT B Marine cartography received funding for training from GEBCO-Nippon Foundation in USA and UK (UKHO) respectively.
- The Kenya National Hydrographic Office received four Geospatial Data Managers who require hydrography and Marine Cartography Training.



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ACTIONS REQUESTED FROM SAIHC 19

- **Capacity Building**

Introductory training on basics of hydrography and software can be periodically done online.

- **Resources**

Equipment and Software support



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