



18th Conference of the EAthC

National Report

The Gambia

Agenda Item 06.15

Presented By:

Dominic Correa

Hydrographic Surveyor/Engineer, GPA



IHO

FRAMEWORK / GENERAL INFORMATION

Hydrographic Service, The Gambia

Government of The Gambia

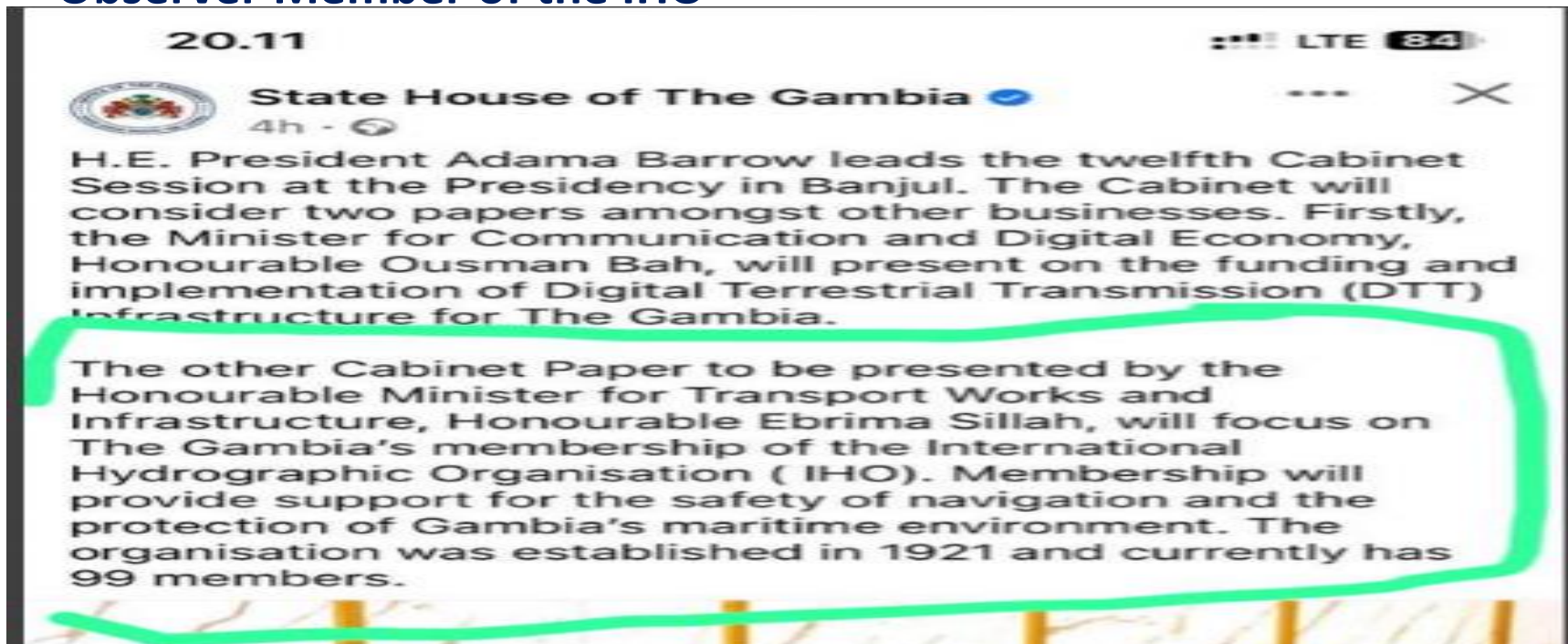
Ministry of Transport, Works & Infrastructure (MoTWI)

Gambia Ports Authority

- Conduct hydrographic/bathymetric surveys in support of Port and harbour management
- Conduct hydrographic/bathymetric surveys for private companies and government agencies for feasibility studies
- Support and participate in monitoring, maintenance and rehabilitation of tide stations
- Disseminate MSI to NAVAREA II



- **Observer Member of the IHO**



- The Cabinet Paper for The Gambia IHO membership has been approved – 03/04/2024
- Finalization process is expected before end of 2024



- The UKHO is The Gambia PCA. The agreement of cooperation on the exchange of products and services was signed in 2019.

- Relationship with other relevant national organizations.
 - Ministry of Works, Transport & Infrastructure
 - Gambia Maritime Administration
 - Gambia Ports Authority
 - Gambia Navy
 - National Environment Agency
 - Department of Lands and Surveys
 - Department of Water Resources
 - National Disaster Management Agency
 - National Roads Authority
 - Geological Department
 - Ministry of Petroleum



- Cooperation / protocols established with other countries within Safety of Navigation.

I. Agreement of cooperation with PCA, UKHO signed in 2019

- For non-IHO members:
 - SOLAS ratification: **Yes**
 - IMO member: **Yes**
 - IALA member since: **2021**



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TOP ACHIEVEMENT SINCE EATHC17

International
Hydrographic
Organization

Equipment System Schematics

**Trimble GPS
Antenna**



Dual Frequency Transducer



**CEESCOPE 200
INTEGRATED TRIMBLE GNSS**



**Getac Laptop w/Hydromagic
Software**

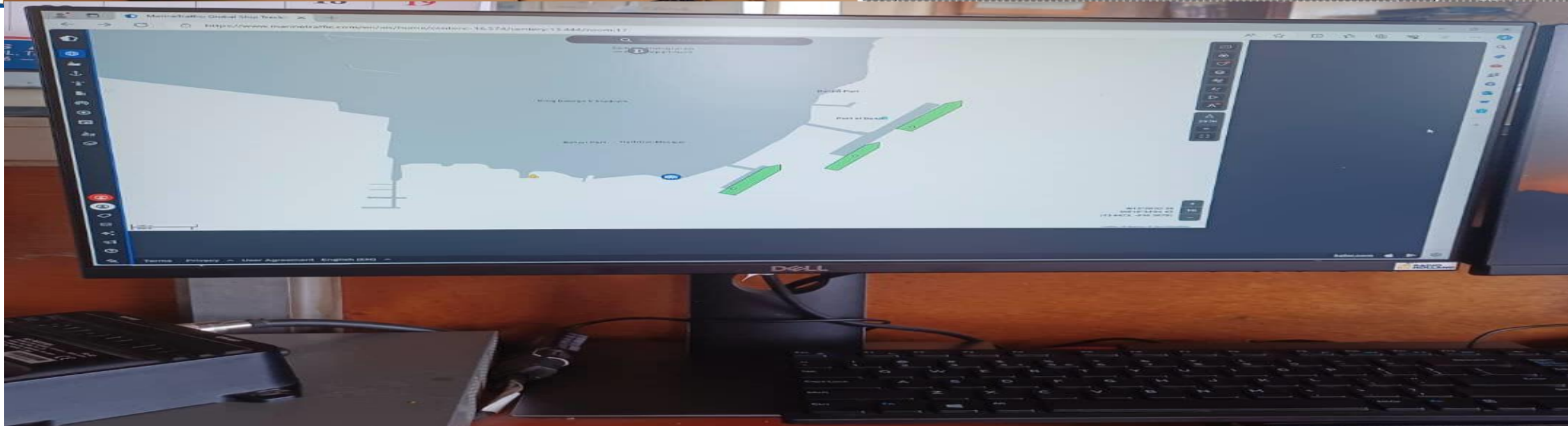
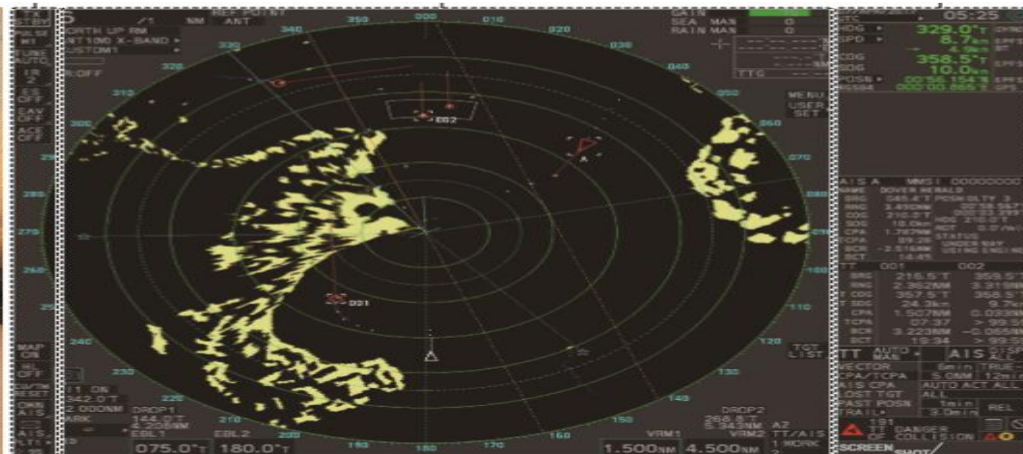




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TOP ACHIEVEMENT SINCE EATHC17

International Hydrographic Organization





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TOP ACHIEVEMENT SINCE EATHC17 CONT'

International
Hydrographic
Organization

- UKHO Survey Support for GPA, 6th – 17th February, 2023

I. Two Trained Surveyors

Details of the training

Classroom-base theory and practical

Hands-on Training

Outlined survey plan for the port, coastal areas and channel



II. UKHO Head of Partnering & Engagements

Meet CEOs of GPA, GMA, DWR and top officials at the Ministry Of Transport

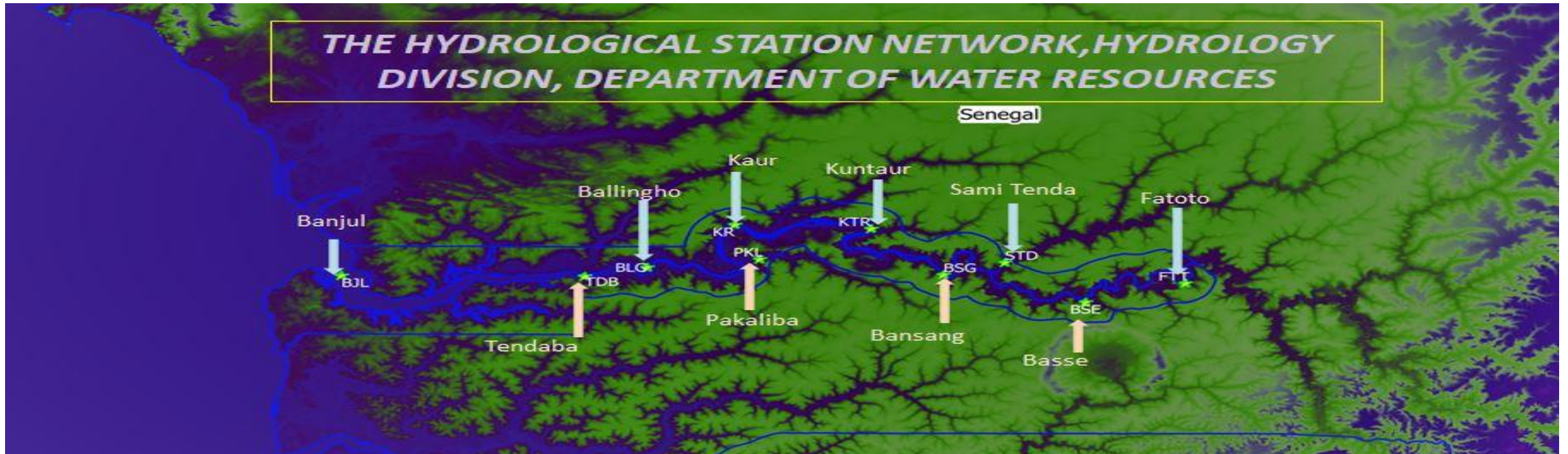




IHO TOP ISSUES OR SHORTFALLS

International
Hydrographic
Organization

- Observer Member of IHO
- One Trained Surveyor of the Port
- No owned Survey platform
- Non Tidal Station working





IHO TOP CHALLENGES FOR THE NEXT 2-3 YEARS

International
Hydrographic
Organization

1. Gambia Ports Authority Expansion Plan

- Expansion of the container terminal
- Extension of Jetties
- Procurement of modern handling equipment

2. Investment in Hydrography Hardware/Infrastructure

- I. Survey Vessel
- II. Tidal Infrastructure
- III. Bathymetry Survey Kit (High Resolution)

3. Mapping of The River Gambia





IHO

RECOMMENDATIONS

International
Hydrographic
Organization

The priority of the Hydrographic Division of The GPA is capacity building in the following areas:

- Tide analysis training
- ATON Level 1 training course for managers
- Cat “B” Nautical Cartography
- Cat “B” Hydrography Survey



- 1. IHO/UKHO/IALA continue to assist The Gambia in the following endeavours:**
 - I. IHO Membership
 - II. Mapping of The River Gambia

Finally

The Gambia Ports Authority on behalf of The Gambia Government expresses its sincere gratitude to IHO, UKHO and IALA for their continuous support in ensuring that The Gambia develop a fully-fledged national hydrographic office.