

O&M Plan For GBON Stations

Webinar GBON National Contribution Plan in the context of SOFF

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16 February 2024



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Why Need for Operations and Maintenance (O&M)?

O&M is crucial for:

- operational sustainability of the observing systems,
- improving the availability and quality of the data from stations,
- meeting the observational data requirements,
- improving and sustain the international data exchange,
- keeping the metadata of the stations up to date.

O&M Plan for GBON

Main purposes of O&M plan:

- to plan, implement and monitor the activities for operations and maintenance of the GBON stations,
- to support the sustainability of the observations meeting availability and quality requirements of GBON stations,
- to ensure the compliance for station level and Member level,
- to identify and implement daily and routine operations and maintenance procedures for GBON stations,
- to identify existing and required resources for allocation and efficient use of them,
- to improve the skills of the staff responsible for operation and maintenance,
- to enable the managers monitoring the O&M activities and making the necessary updates, if needed.

Development of O&M Plan for GBON Stations

Framework for Development of O&M Plan:

- Maintenance by own staff or third-party contractors (or mixed),
- Main objectives, targets and key performance indicators,
- Potential risks and challenges, and how to address them,
- Existing and required resources,
 - *Financial resources*
 - *Human resources*
 - *Technical resources*
 - *Logistic resources*

Development of O&M Plan for GBON Stations

Framework for Development of O&M Plan:

- Main O&M activities
 - *Preventive maintenance*
 - *Corrective maintenance*
 - *Calibration (Laboratory Calibration & Field verification)*
- Spare part management
- Metadata management in OSCAR/Surface
- Quality monitoring in WDQMS webtool
- Training for maintenance staff
- Safety and security

Thank you.



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