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| WEATHER CLIMATE WATER | **World Meteorological Organization**  **COMMISSION FOR OBSERVATION, INFRASTRUCTURE AND INFORMATION SYSTEMS**  **Second Session** 24 to 28 October 2022, Geneva | **INFCOM-2/Doc. 1** |
| Submitted by: President of INFCOM  28.IX.2022  **DRAFT 2** |

# GENERAL SUMMARY OF THE WORK OF THE SESSION

1. The president of the Technical Commission for Observation, Infrastructure and Information Systems (INFCOM), Mr M. Jean opened the second session of the Commission on Monday, 24 October 2022 at 0900 CEST and welcomed the participants. *[to be completed during the session]*
2. The Secretary-General, Professor P. Taalas, welcomed the participants to the session,

[… *to be completed during the session]*.

1. The Commission approved the agenda as provided in the [Appendix](#Appendix).
2. The Commission established the following committees:
3. Credentials Committee:

Chair: name (country)

Members: principal delegates of ….

1. Coordination Committee:

Chair: President of INFCOM

Members: vice-presidents of INFCOM, Assistant Secretary-General, Director of Infrastructure Department, Secretaries of plenary meetings designated by the Secretary-General and Conference Officer.

1. The Commission agreed on the programme of work of the session: working hours of the meetings: from 0900 to 1200 and from 1400 to 1700 (CEST). It also noted General Regulation 95 concerning the records and minutes of the session.
2. The Commission noted the report of the president of the Commission, highlighting the work done since the first session, held virtually, notwithstanding the COVID-19 pandemic crisis.
3. The session adopted [*xx*] recommendations to the Executive Council given in the Appendix. [*xx*]
4. The session adopted [*xx*] resolutions, given in Appendices [*xx*] to [*xx*].
5. The session adopted [*xx*] decisions given in Appendices [*xx*] and [*xx*].
6. The list of participants is given in Appendix [*xx*]. Out of a total of [*xx*] participants, [*xx*]were women, equal to [*xx*]% and [*xx*] men, equal to [*xx*]%.
7. The Commission agreed that the next regular session(s) would be held  
   [… *to be completed during the session].*
8. The second session of the technical commission closed at [xx] on 28 October 2022.

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[Appendix](#Appendix)

## Appendix to the general summary of the work of the session

## Provisional annotated agenda

**1. Agenda and organization of the session**

1.1 Opening of the session

The second session of the Commission for Observation, Infrastructure and Information Systems (INFCOM-2) will be opened by the president of the Commission on Monday, 24 October 2022 at 0900 (CEST).

1.2 Approval of the agenda

In accordance with Rules 6.10.1 and 6.10.7 of the [*Rules of Procedure for Technical Commissions*](https://library.wmo.int/doc_num.php?explnum_id=11202#page=14) (RoP-TC) (WMO-No. 1240), the provisional agenda of the session will be submitted for approval by the Commission after the opening. Such provisional agenda items may include items submitted – no later than 30 days before the opening of the session – by the President of the Organization, regional associations, the United Nations, relevant international organizations and Members in accordance with [Rules 6.10.3](https://library.wmo.int/doc_num.php?explnum_id=11202=#page=15) of the [*Rules of Procedure for Technical Commissions*](https://library.wmo.int/doc_num.php?explnum_id=11202#page=14) (WMO‑No. 1240). The agenda may be amended at any time in the course of the session.

1.3 Consideration of the report on credentials

A list of representatives attending the session will be made available, in accordance with [*Basic Documents No .1*](https://library.wmo.int/index.php?lvl=notice_display&id=14206)(WMO-No. 15), [General Regulation 22](https://library.wmo.int/doc_num.php?explnum_id=11187#page=49), as soon as possible after the opening of the session. This list will be based on the credentials received by the Secretary-General before the session and will be updated with those submitted to the representative of the Secretary-General during the session. If an objection is raised by a principal delegate to any name on the list, a Credentials Committee shall be established.

1.4 Establishment of committees

In accordance with [*Basic Documents No .1*](https://library.wmo.int/index.php?lvl=notice_display&id=14206)(WMO-No. 15), [General Regulations 22](https://library.wmo.int/doc_num.php?explnum_id=11187#page=49), [24 and 25](https://library.wmo.int/doc_num.php?explnum_id=11187#page=49) and [Rule 6.10.1](https://library.wmo.int/doc_num.php?explnum_id=11202=#page=14) of WMO-No. 1240, the Commission may establish, if needed, the following committees: (a) a Credentials Committee, (b) a Coordination Committee, (c) a Nomination Committee to assist in the election of officers. The Commission may establish other committees in the course of the session.

1.5 Records

In accordance with [General Regulation 94](https://library.wmo.int/doc_num.php?explnum_id=11187#page=67), decisions adopted by the session will be formulated in the form of a decision, a resolution or a recommendation.

According to [General Regulation 95](https://library.wmo.int/doc_num.php?explnum_id=11187#page=68), after the session the resolutions, decisions and recommendations will be recorded in the final report of the session and published by the Secretariat. Information documents and statements will also be included in the final report (Part II). Summarized minutes of the discussion at plenary meetings of constituent bodies will be prepared by the Secretariat only where there is a specific request from the plenary. Audio recordings of plenary meetings will be made and retained for record purposes.

**2. Report by the president of the technical commission**

The president will report on the activities of the Commission since INFCOM-1, Part III (12–16 April 2021), including those of the Management Group, the Standing Committees and the Study Groups according to the Commission work programme per [Resolution 3 (INFCOM-1)](https://library.wmo.int/doc_num.php?explnum_id=11197#page=43) - Workplan of Standing Committees and Study Groups of the Commission for Observation, Infrastructure and Information Systems (Infrastructure Commission), [Resolution 6 (INFCOM-1)](https://library.wmo.int/doc_num.php?explnum_id=11197#page=85) - Review of the work programme of the Commission and [Decision 4 (INFCOM-1)](https://library.wmo.int/doc_num.php?explnum_id=11197#page=175) - Work Programme of the Commission.

**3. Consensual Draft Resolutions, Decisions and Recommendations to be approved without debate**

Following the proposal of the president of the Commission, in consultation with the Management Group, the Commission will discuss and approve the list of consensual draft resolutions, decisions and recommendations to be approved by the Commission without debate.

**4.** **Review of the Executive Council resolutions related to the Commission**

4.1 Review of Executive Council resolutions related to the Commission:

The Commission will be informed of the actions undertaken in response to the relevant decisions of Cg-Ext(2021), EC-72, EC-73, and EC‑75 and will take them into account while reviewing its workplan.

4.2 GHG monitoring infrastructure:

The session will consider a draft recommendation on refined concept and architecture per [Resolution 4 (EC-75)](https://meetings.wmo.int/EC-75/_layouts/15/WopiFrame.aspx?sourcedoc=/EC-75/English/2.%20PROVISIONAL%20REPORT%20(Approved%20documents)/EC-75-d04(3)-GLOBAL-GREENHOUSE-GAS-MONITORING-approved_en.docx&action=default) - Development of a WMO-coordinated Global Greenhouse Gas Monitoring Infrastructure.

4.3 Follow-up of EC request on the guidance put forward by the Water and Climate Coalition:

The session will be informed of follow-up actions of [Decision 5 (EC-75)](https://meetings.wmo.int/EC-75/_layouts/15/WopiFrame.aspx?sourcedoc=/EC-75/English/2.%20PROVISIONAL%20REPORT%20(Approved%20documents)/EC-75-d03-1(4)-WATER-AND-CLIMATE-COALITION-GUIDANCE-approved_en.docx&action=default) - Review of the guidance put forward by the Water and Climate Coalition.

**5. Current and future work programme of the Commission**

5.1 Work Programme for the next intersessional period

The Commission will consider updating its workplan for the following intersessional period, and review the list of deliverables contained in the Annex to [Resolution 3 (INFCOM-1)](https://library.wmo.int/doc_num.php?explnum_id=11197" \l "page=43) - Workplan of Standing Committees and Study Groups of the Commission for Observation, Infrastructure and Information Systems (Infrastructure Commission).

5.2 Additional organizational arrangements in response to Members’ requests

Based on [Resolution 1 (INFCOM-1)](https://library.wmo.int/doc_num.php?explnum_id=11197#page=20) - Establishment of Standing Committees and Study Groups of the Commission for Observation, Infrastructure and Information Systems (Infrastructure Commission) and [Resolution 8 (INFCOM-1)](https://library.wmo.int/doc_num.php?explnum_id=11197#page=148) - Terms of reference of the Commission for Observation, Infrastructure and Information Systems coordinators, the Commission will update its working structure and consider the establishment of additional type(s) of subsidiary bodies or coordinators to assist Standing Committee(s) in the coordination, monitoring and evaluation of longer standing programme activities.

5.3 INFCOM Strategic Approach

The session will consider the draft decision on INFCOM strategic approach to the draft WMO Strategic Plan 2024–2027.

**6. Technical regulations and other technical decisions**

The session will consider technical submissions prepared by the Standing Committees and Study Groups since INFCOM-1, Part III, as well as recommendations from other bodies and take decisions or make recommendations to the Executive Council and Congress as appropriate.

6.1 Standing Committee on Earth Observing Systems and Monitoring Networks (SC‑ON)

* High Level Guidance in response to WIGOS Vision 2040
* Data exchange requirements of core satellite data
* Amendments to the [*Manual on the WMO Integrated Global Observing System*](https://library.wmo.int/index.php?lvl=notice_display&id=19223#.YCKWbmhKiUk) (WMO-No. 1160)
* Update of the [*Guide to the WMO Integrated Global Observing System*](https://library.wmo.int/index.php?lvl=notice_display&id=20026#.YCKWAGhKiUk) (WIGOS) (WMO‑No. 1165)
* Update of the [*Guide to Aircraft-based Observations*](https://library.wmo.int/index.php?lvl=notice_display&id=20116) (WMO-No. 1200) (full revision)
* Process to nominate and implement a Pilot GCOS Surface Reference Network (GSRN), including the requirements and stations nomination documents
* Recognition of the concept for tiered network concepts and the decision to start work to develop criteria, guidance and technical regulations
* WMO Position Paper on Radio Frequencies (draft recommendation of Congress Resolution)
* Composition of GBON
* New VLab Strategy
* Improving climate observations
* New Guide to the Global Basic Observing System (GBON)

6.2 Standing Committee on Measurements, Instrumentation and Traceability (SC-MINT)

* WMO Standard Vocabulary
* Update of the [*Guide to Instruments and Methods of Observation*](https://library.wmo.int/index.php?lvl=notice_display&id=12407) (WMO-No. 8)
* Instrument Centres
* New Guide to Operational Weather Radar Best Practices
* Radiation References
* Guidelines for Conducting and Reporting on the Verification and Calibration of Discharge Measurement Instruments
* Designation of WMO Measurement Lead Centre on Snow Monitoring

6.3 Standing Committee on Information Management and Technology (SC-IMT)

* Implementation of the WMO Information System 2.0
* Update of the [*Guide to the WMO Information System*](https://library.wmo.int/index.php?lvl=notice_display&id=6856) (WMO-No. 1061)
* Update of the [*Manual on Codes*](https://library.wmo.int/index.php?lvl=notice_display&id=10684) (WMO-No. 306)

6.4 Standing Committee on Data-Processing for Applied Earth System Modelling and Prediction (SC-ESMP)

* Seamless Global Data-Processing and Forecasting System (GDPFS) Roadmap with the new name of GDPFS
* Amendments to the [*Manual on the Global Data-Processing and Forecasting System*](https://library.wmo.int/index.php?lvl=notice_display&id=12793#.YCKXnGhKiUk) (WMO-No. 485)
* Renewal of the [*Guide on the Global Data-processing System*](https://library.wmo.int/index.php?lvl=notice_display&id=6832)(WMO‑No. 305)

6.5 Study Group on Ocean Observations and Infrastructure Systems (SG-OOIS)

* Recommendations of the Study Group

6.6 Study Group on Cryosphere Crosscutting Functions (SG-CRYO)

* Recommendations of the Study Group

6.7 Joint WMO/INFCOM – IOC – ISC – UNEP Study Group on the Global Climate Observing System (JSG-GCOS)

* Recommendations of the Joint Study Group

6.8 Recommendations from other bodies

The Commission will consider recommendations from other bodies such as the Commission for Weather, Climate, Water and Related Environmental Service Applications (SERCOM), the Research Board (RB), the Climate Coordination Panel (CCP), the Hydrological Coordination Panel (HCP), and regional associations. Recommendations of the Capacity Development Panel (CDP) will be discussed under item 8.

*Services Commission (SERCOM)*

* Recommendations of the workshop on coordination of urban-related activities in WMO
* Recommendation on the update of the mechanism for recognition of long-term observing stations
* Accelerated collection of Climatological Standard Normals 1991–2020

*Hydrological Coordination Panel (HCP)*

* Recommendations of the fifth session of the HCP

*Capacity Development Panel (CDP)*

* Review of BIP-M and BIP-MT and proposed amendments to the *[Technical Regulations](https://library.wmo.int/index.php?lvl=notice_display&id=14073)* (WMO-No. 49) Part VI and Appendix A

**7. Procedural and coordination aspects**

7.1 Amendments to the [*Technical Regulations*](https://library.wmo.int/index.php?lvl=notice_display&id=14073) (WMO-No. 49), Appendix to General Provisions

The session will consider draft recommendation on the approach to amendments to the [*Technical Regulations*](https://library.wmo.int/index.php?lvl=notice_display&id=14073)(WMO-No. 49), Appendix to General Provisions, and make recommendations to the Executive Council and Congress as appropriate.

7.2 Rules of Procedure

The session will be informed of the amendments to the [*Rules of Procedure for Technical Commissions*](https://library.wmo.int/index.php?lvl=notice_display&id=21534#.YrwfNHZBw2w) (WMO-No. 1240) adopted through [Resolution 5 (EC‑75)](https://meetings.wmo.int/EC-75/_layouts/15/WopiFrame.aspx?sourcedoc=/EC-75/English/2.%20PROVISIONAL%20REPORT%20(Approved%20documents)/EC-75-d05-3(1)-AMENDMENTS-ROP-TECHNICAL-COMMISSIONS-approved_en.docx&action=default) - Amendments to the Rules of Procedure for Technical Commissions, and consider recommendations for possible additional amendments.

7.3 Approval of non-regulatory publications

The session will be informed of the proposal endorsed by the Executive Council through [Decision 15 (EC-75)](https://meetings.wmo.int/EC-75/_layouts/15/WopiFrame.aspx?sourcedoc=/EC-75/English/2.%20PROVISIONAL%20REPORT%20(Approved%20documents)/EC-75-d05-3(2)-APPROVAL-OF-NON-REGULATORY-PUBLICATIONS-approved_en.docx&action=default) - Concept note on the designation of technical commissions for approval of non-regulatory publications.

7.4 Process for approval of publication of technical document series, uncertainty assessment and harmonization of uncertainty terminology

The session will consider a draft decision on the process for approval of publication of technical document series, and also consider a draft decision on the uncertainty assessment and harmonization of uncertainty terminology across key INFCOM-related publications/systems.

(7.5) *(withdrawn)*

7.5 Review of resolutions, decisions and recommendations of the previous commission structure

In response to [Resolution 8 (EC-75)](https://meetings.wmo.int/EC-75/_layouts/15/WopiFrame.aspx?sourcedoc=/EC-75/English/2.%20PROVISIONAL%20REPORT%20(Approved%20documents)/EC-75-d08-REVIEW-OF-PAST-RESOLUTIONS-approved_en.docx&action=default) - Review of previous resolutions and decisions of the Executive Council, the Commission will review resolutions, decisions and recommendations still in force emanating from the previous eight technical commissions and, in coordination with SERCOM, report to EC-76 on which ones contain elements that need to be included in consolidated resolutions to be adopted by Cg-19.

7.6 Review of previous resolutions and recommendations of the Commission

The Commission will review resolutions and recommendations adopted at its first session (INFCOM-1) and decide which should be kept in force.

7.7 Coordination with other bodies

Following up from [Decision 11 (INFCOM-1)](https://library.wmo.int/doc_num.php?explnum_id=11197#page=207) - Coordination of the Infrastructure Commission with other bodies, the session will be informed of the discussion of the Technical Coordination Committee related to the coordination with other bodies established by Congress or the Executive Council.

7.8 Engagement with the regional associations

Following up from [Decision 12 (INFCOM-1)](https://library.wmo.int/doc_num.php?explnum_id=11197#page=208) - Engagement with the regional associations, and follow-up actions, the session will consider how to further strengthen engagement and collaboration with the regional associations.

**8. Capacity development**

The Commission will discuss the ways to enhance activities for capacity development of the Commission, considering the recommendations of the Capacity Development Panel (CDP).

**9. Gender issues**

The Commission will discuss the draft decision on gender and INFCOM: The Commission will discuss the ways in which it is dealing with gender issues, in particular mechanisms for gender equality that will enable more women to be involved in the work of the Commission, with a view to recommending ways to strengthen gender activities in INFCOM in the future.

**10. Date and place of next sessions**

The session will consider the date and place of the next sessions of the technical commission, as well as the possibility of holding associated technical conferences.

**11. Closure of the session**

The session is expected to close on Friday, 28 October 2022, at 1700 (CEST).

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