



SERVICES FRAMEWORK, ACHIEVEMENTS AND FUTURE CONSIDERATIONS

■ **SUMMARY**

This document is a summary of the activities of the Services Task team (STT) and issues that have occurred since the last EC-PHORS meeting

■ **DECISIONS/ACTIONS REQUIRED:** see part 1

■ **ISSUES TO BE DISCUSSED:** see part 2

■ **REFERENCES:**

1. White Paper on services
2. Report from Scoping Workshop for planning an Arctic PRCC (Nov 2015)
3. Concept paper (WMO secretariat June 2016): Towards an Arctic PRCC-Network.
4. Report from the Implementation planning meeting for an Arctic PRCC (Nov 2016)

■ **ANNEXES:**

1. Update on meetings and activities since EC-PHORS 6
2. Implementation plan for an Arctic PRCC (v.1, January 2017)

1. DECISIONS/ACTIONS REQUIRED

The Panel is invited to decide on the following:

- i. Action 1: EC-PHORS to endorse the implementation plan for an Arctic Polar RCC; during EC-PHORS 7th session;

The Panel is invited to make the following recommendations

- i. Recommendation 1 EC-PHORS to forward the implementation plan for an Arctic Polar RCC to EC 69 ; ASAP;

2. ISSUES TO BE DISCUSSED

- i. The role of STT in the coming stages for the Arctic PRCC development. With no resources the team could only be supporting and be advisers. As a "Steering Committee" or similar?
- ii. Namesetting – Arctic Polar Regional Climate Center is heavy. Could the term Arctic RCC or ARCC (to be confused with an Antarctic one?). Or Arctic Regional Climate Centre Network or ARCC-N (and later AntRCC-N)?

Annex(es): xxx

Annex 1

■ REPORT ON ACTIVITIES IN THE STT SINCE EC-PHORS 6

Several tasks were given to the STT after the Reykjavik meeting. Short status is given per task below *in italic*

- Develop the architecture for PCOFS / PRCC, assess services outcomes of YOPP/PPP and design a demonstration project;

Several meetings and input to WMO Secretariat have been supporting the establishment of an Arctic PRCC, and the planning of a PCOF. Contact with the YOPP office and examining the endorsed YOPP projects showed that data distribution and data as services during YOPP field campaigns is taken care of in all projects - as requirement for YOPP endorsement. No action has been taken to plan workshop with YOPP projects for demo of service outcomes.

- Further develop the White Paper and action plan so that it may be adopted engaging with the PPP-SERA group and the WMO Public Weather Services programme;

After multiple discussions in the STT, the decision was taken to not make further edits of the White Paper. An annex was planned, but no mechanism to gather service requirements from users has been identified.

- Working with the IICWG on Southern Hemisphere circumpolar ice-edge bulletin.

The collaboration between US, Russia and Norway to coordinate and enhance the ice charts for Antarctica has continued. Both production, presentation and distribution is improved and the good collaboration continues.

- Socializing the concept of a PRCC for Antarctica with COMNAP by engaging a consortium of southern hemisphere communities;

Progress has been slow on this item. The Southern Hemisphere STT members are seeking opportunities to discuss the concept of a PRCC for Antarctica in relevant occasions. It will be easier to explain and seek support for the concept as the Arctic PRCC-Network evolves.

- Outreach to indigenous groups / Permanent Participants to the Arctic Council and policy makers (e.g. Arctic Council, ATCM);

WMO Secretariat has been inviting Arctic Council to participate in relevant meetings in the establishment of an Arctic PRCC, but response has been small. STT has followed up on AC to explain and motivate. It seems that the AC Secretariat has no resources to participate in this process and probably the AC working groups (e.g. AMAP, CAFF) could be engaged.

- Ensure consistency with the WMO Service Strategy Implementation Plan;

This is taken into consideration during the process towards an Arctic PRCC-Network.

1. The Services Task Team has worked together mainly by telephone- and video conferences. A subset of the team members has been working closely with the WMO Secretariat in the process towards establishing an Arctic PRCC-Network, see the milestones listed below.
2. At EC-PHORS 6 in Reykjavik the Services Task Team (STT) was tasked to assist the WMO secretariat in planning and executing a PRCC Scoping Workshop for an Arctic Polar RCC. The workshop was held in WMO headquarters 17-19 November 2015.

Present member institutions expressed interest for participation in an Arctic PRCC and also gave examples of existing services for contributing to the centre.

3. During spring and summer of 2016 members of the STT worked with WMO secretariat to establish a concept paper for the development of a PRCC: Towards an Arctic PRCC-Network.
4. During fall of 2016, Northern Hemisphere STT members supported WMO Secretariat in planning an Implementation Planning Meeting for an Arctic PRCC Network.
5. November 7-9 2016; the Arctic PRCC Network Implementation Planning Meeting took place in WMO headquarters in Geneva. The meeting was chaired by STT co-chair H. Tangen and J. Ekman. Participating countries: Russia, Canada, USA, Iceland (also representing Denmark), Norway, Sweden, Finland. The outcome of the meeting was agreement on establishing a node-based Arctic PRCC Network, with Canada, Norway and Russia as node leaders. GCW was well represented in the meeting by Rodica Ritu, Barry Goodison and Arni Snorrason. Meeting report: <http://xxx>

Annex 2

After the 7-9 November 2016 meeting in Geneva, a draft Implementation Plan for the Arctic PRCC was established (Writer: Leslie Malone, Canada). Version 1 was released by end of January 2017. <http://xxxx>
