OPST- 7:
Task team presentations

Status and plans of TT activities

- TT activities, goals and expected outcomes (since last OPST meeting)

- TT outreach plans (if applicable)

- TT events planned

- TT membership update

- Etc.

UN Decade TT contributions

- TT contributions to ForeSea/Decade objectives (new or updated info – see link)

- TT suggestions for OPST group projects undertaken in the Decade

- What contributions would you like OceanPredict to make supporting the Digital Ocean approach?

Coordination support from OP/ForeSea

- What help does your TT need from OPST and ForeSea to pursue decade activities?

- What are the TT needs for promoting its activities? Where should OPST and ForeSea push to amplify this promotion?

Intercomparison and Validation Task Team
Greg Smith and Fabrice Hernandez

IV-TT – Status and plans of TT activities

OceanPredict
Advancing the science of ocean prediction

- **TT activities, goals and expected outcomes (since last OPST meeting)**
  - **Class4 :**
    - **Critical issues with datasets and US GODAE** → **new pb end 2022 - beginning 2023**
      - **Has become major roadblock for ongoing collaboration:** eg blocking point for Mercator Operational validation
    - **New drift intercomparison to be published**
    - **OPOS WG (F. Davidson/D. Ford)+ NOAA (E. Smith):** US GODAE server: identify needs and future characteristics

- **TT outreach plans (if applicable)**
  - **Publications (BAMS, sea ice, drift, …)**

- **TT events planned**
  - **Participation in COSS-TT in 2023**
  - **In person meeting to re-define IV-TT objectives and activities:** eg, evolution of Class4 with new sources of observations
  - **Discussing connection with JWGFVR…**

- **TT membership update**
  - **Seeking new members for IV-TT and Class4 intercomparison**

IV-TT – UN Decade TT contributions

- **TT contributions to ForeSea/Decade objectives (new or updated info)**

  - **Class 4 intercomparison = Best effort, but unique and heritage of GODAE (framework, expertise, team involved worldwide, international recognition of this approach)**

  - **IV-TT provides science based innovation on ways to verify and characterise quality of products for operational oceanography stakeholders**

  - **Identified contributions**

    - **Project 1: Class4 on dedicated mirror maintained by MOi**

    - **Project 2: Uncertainty estimation and drift**

    - **Project 3: User-relevant and process-based metrics**

    - **Project 4: Regional/Coastal verification with adapted observing system, including ensemble approaches**

  - **F. Hernandez joined the DCC experts for verification/intercomparison aspects**

- **TT suggestions for OPST group projects undertaken in the Decade**

  - **TBD**

- **What contributions would you like OceanPredict to make supporting the Digital Ocean approach?**

  - **TBD**

IV-TT : Coordination support from OP/ForeSea

- **What help does your TT need from OPST and ForeSea to pursue decade activities?**

  - **The existing Class 4 activity may not "survive" in the future**: need dedicated dataserver for being shared by wider actors (regional systems..), and ease future upgrades of metrics computation

  - **Class 4 activity needs total change of framework**: committed resources in OOFC, technical framework (eg, continuous regular monitoring), and technical support (eg, data servers)

  - The IV-TT expertise and future plans need to focus activity into innovative validation/verification approaches that can be aligned to ForeSea developments

- **What are the TT needs for promoting its activities? Where should OPST and ForeSea push to amplify this promotion?**

  - OPPORTUNITY: DCC, ForeSea, ETOOFS can be the framework to support the "operationalisation" of Class 4 activities

  - OP-ST "shareholders" are (kindly) asked to take into account the IV-TT Class 4 issue: most of the solution can only be raised from the operational centres