



## TPOS 2020 SC- 3 AGENDA 25-28 October 2016



### TPOS 2020 SC-3 Session Desired Outcomes:

- A. First TPOS 2020 Report
  - Considered reviews of SOD and agreed response
  - Revised and approved Executive Summary
  - Agreed next steps and publication
- B. Reviewed Task Team progress and relevant SC activities, including for TRF
- C. Considered and agreed Transition arrangements
- D. Considered national agency activities, with focus on the Eastern Pacific
- E. Agreed 2017-18 Actions

### Special Thanks:

- Dirección de Hidrografía y Navegación
- Instituto Geofísico del Perú

### **0900 Tue 25 Oct**

#### **Session 1: *Opening and Overview***

#### ITEM 1: OPENING AND WELCOME

- Introduction (Co-Chairs)
- Local welcome
- Presentation by hosts

#### ITEM 2: AGENDA AND REVIEW OF ACTIONS (NS)

- Agree agenda and consider desired meeting outcomes
- Review past actions

#### ITEM 3: STATUS

- Overview of TPOS 2020 activities since SC-2 (Co-Chairs)

#### **1030 Coffee Break**

### **1100 Tue 25 Oct**

#### **Session 2: *First TPOS 2020 Report: SOD***

#### Desired Outcomes:

- Overview of the 2<sup>nd</sup> order draft, including its main recommendations and action
- Overview of the SOD Review
- Agree guidance on revision
- Revise and agree the Executive Summary (top priority)
- Agree next steps and publication schedule

#### ITEM 4: GENERAL OVERVIEW AND DISCUSSION OF REPORT

*Note: The aim here is to finalize the Report based on the 2<sup>nd</sup> draft and the reviews of that draft. The SC is not providing a review. The Executive Summary is the main priority, including the Recommendations and Actions therein. Any changes to the ES may result in trickle-back changes to the underlying chapters. The Executive*

*Summary must be finalized by the end of the meeting; guidance will be agreed and provided to the Lead Authors for the revision of the Report itself.*

Documents:

- [TPOS 2020 First Report \(2<sup>nd</sup> draft July 2016\)](#)
- [Reviewer comments on the SOD](#) and initial [responses by SC Co-Chairs](#)

1100 Overview of the TPOS 2020 Report (approach, structure, content) – NS

- General discussion

1145 Scientific overview: Requirements, integrated OS, implementation (BK)

*Note: Based on a preliminary consideration of the Review comments the Co-Chairs have identified a number of special issues for detailed discussion ITEM 5)*

- Discussion and feedback

Note for extended SC including those not attending:

- *We are keen to get feedback on how well the Report has been received at an agency level and by the scientific community. Some of this is captured in the review comments but this is an opportunity to get an initial reading on how the Report recommendations and actions resonated with agency plans. We will give all members an opportunity to provide such feedback.*

### **1230-1330 Lunch Break**

1330 Chapters 1 and 2 (NS, BK)

- Little comment so expect little change

ITEM 5: CONSIDERATION OF COMMENTS/REVIEWS

*Note: The aim here is to move through the comments relevant to each chapter; in many cases the comments will have been directed at the ES but with direct implications for a Chapter; these will be touched on first here and then revisited when the ES is considered in detail. In some cases we will pick up issues by topic, eg wind and wind stress; BGC and related issues; modelling activities; cost. The SC needs to understand the issues and, as appropriate provide advice to the Lead Authors.*

1345 Chapter Three: Needs for the TPOS Backbone (SCra)

- SC: Please give special attention to 3.4 since this is the underlying basis for the ES

1420 Chapter Four: Design Principles (TF, NS, BK)

- SC: generally well received so probably only fine tuning
- SC: Should some of these be included in the ES? At present they are not.

1435 Special Issues 1: Wind and wind stress (TF, TL)

### **1515 Coffee Break**

1545 Special Issues 2: Raising visibility of analysis/assimilation activities (AK, EG)

*NB: ideally we would like Andrew W (+1h) and Eric G (+5) to join for this item so we may adjust timing*

1615 Chapter Five: Integrating Satellite and In Situ Observations (TL, BK, NS)

- SC: This is a key Chapter of the Report and contains 17 recommendations (an 18<sup>th</sup> is in Chapter 7)
- SC: The recommendations will be reviewed one by one later. This item gives an opportunity to examine the final form of Chapter 5; test whether it has responded appropriately to the FOD comments (big issues only!); and to consider responses to appropriate comments

1700 Special Issue 3: Biogeochemistry (PS, AS)

- SC: the FOD and SOD included many comments on biogeochemical aspects of this Report. There have also been comments on aspects which fall in between (e.g., paleo data).
- SC: Some of the changes may have implications for the SC and our future work program

1730 Special Issue 4: How to handle costs in the report (NS, BK)

- SC: Some background on discussions and a possible way forward

**1750 Close for day**

DRAFT

## 0900 Wed 26

### ITEM 5 (CONTINUED)

#### 0900 Chapter Six: Evolution of the Observing System (NS, BK)

- This has emerged as a key Chapter of the Report but has received only minimal review. We will begin the discussion but may return to this topic later to ensure we have clarity on priorities and a clear set of actionable objectives.
- SC: Please consider Projects/Studies in your area of expertise and be prepared to offer comment.
- SC: Is the list too long/comprehensive? Should we be more specific concerning priority?
- TT Chairs: Next steps for these projects will be consider under the TT items

#### 0930 Chapter Seven: Implementation and Transition (NS, BK, SCra, SW)

- SC: Transition (7.7) will be considered in more detail later
- Many reviewers focused on Chapter 7, and 7.4 in particular
- We will begin by considering some particular issues and conclude with consideration of the more general issues
- *Around 2 hours is allocated in all; we may need to be flexible given the substantial items we need to discuss.*

#### Special Issue 5: The case for a meridional line at 170W (MC, KT)

- ☐ *Also discuss practicalities of 95W and the ITCZ/SPCZ extensions in general*

#### Special Issue 6: Is 2x Argo too general? Is the evidence for such an enhancement adequate? (SW, DR)

#### Special Issue 7: Should moorings be added to enhance the meridional resolution of the TMA around the equator? (BK)

### 1045 Morning Tea

#### 1115 Chapter Seven: Remaining issues

#### 1145 General discussion

### Session 3: Interim Report Recommendations and Actions: the Executive Summary

#### ITEM 6: EXECUTIVE SUMMARY PART 1

Desired Outcomes: A paragraph-by-paragraph consideration of the Executive Summary in the light of reviewer comments and the outcomes of Item 5.

#### 1200 Executive Summary Recommendations and Actions

- SC: We WILL NOT be editing on the screen. Rather we will be agreeing issues/points that will be considered by the relevant Lead Authors offline. PART 2 will consider the revised draft. PART 3 (if needed) will agree the final draft.

### 1230 – 1330 Lunch Break

#### **Session 4: Activity updates**

##### ITEM 7 NATIONAL/AGENCY PRESENTATIONS

- 1330 Special scientific presentations
1. Instituto del Mar del Perú - IMARPE
  2. Instituto Geofísico del Perú (IGP)
- 1430 Agency activity update
- NOAA
  - SOA
  - KORDI
  - Peru agencies
  - CSIRO – 170E line?

#### **1530 Coffee Break**

#### **Session 5: Task Team activities**

##### ITEM 8: TASK TEAMS

*TT Chairs: The key items are the same for each TT and are listed for the BB. The reporting for 2016-17 can be brief but it is important this is captured in the Report of the meeting. A key aspect is responding to the First Report: Where do the TTs see their role? Where will they be placing priority? What work needs to be completed in preparation for the second Report due by the end of 2018? The studies/projects will be key. Also note any issues in terms of reference and/or membership.*

- 1600 Backbone TT (SCra, SW)
- Activities 2016-17
  - Updates on projects/studies (Chapter 6, Annex 10)
  - Plans for 2017-2020
  - Membership, ToR review

1645 Biogeochemistry TT (PS, AS)

*Note to SC: BGC and biology/ecosystem observations will be a major focus over the next 2 intersessional periods. The SC should look to provide advice on how best to advance projects.*

- Activities 2016-17
- Updates on projects/studies (Chapter 6, Annex 10)
- Plans for 2017-2020
- Membership, ToR review

1745 General discussion

#### **1800 Close for day (reception, dinner?)**

## 0900 Thu 27 Oct

### Session 5: (continued)

#### ITEM 8 (CONTINUED)

- 0900 Eastern Pacific TT (KT, YS)
- Activities 2016-17
  - Updates on projects/studies (Chapter 6, Annex 10)
  - Plans for 2017-2020
  - Membership, ToR review
- 0945 Modelling and Data Assimilation TT (EG, AK)  
*NB: Scheduled so Eric (+5) and Andrew W (+1) can join*
- Activities 2016-17
  - Updates on projects/studies (Chapter 6, Annex 10)
  - Plans for 2017-2020
  - Membership, ToR review

#### **1030 Coffee break**

- 1100 Planetary Boundary Layer TT (MC, TF)
- Activities 2016-17
  - Updates on projects/studies (Chapter 6, Annex 10)
  - Plans for 2017-2020
  - Membership, ToR review
- 1145 Western Pacific TT (JS, KA)  
*NB: We could adjust timing if Yukio (+14) and/or Weidong (+13) wanted to join (make it last item on Day 2)*
- Activities 2016-17
  - Updates on projects/studies (Chapter 6, Annex 10)
  - Plans for 2017-2020
  - Membership, ToR review

#### **1230-1330 Lunch Break**

### **Session 6: Finalization of the Executive Summary and advice to LAs**

#### 1330 ITEM 6 PART 2

##### Desired Outcomes: Finalization of Executive Summary

- SC Co-Chair Moderated; LA for each chapter to join as appropriate

#### **1500 Coffee break**

#### 1530 ITEM 6 (continued)

#### 1630 Wrap-up and agreement on remaining tasks

#### **1730 Close for day [NB May need evening to complete editing of ES]**

## 0900 Fri 28 Oct

### Final Session: *Steering Committee Business*

#### ITEM 9 FUTURE WORK OF REPORT LEAD AUTHORS

0900 TRANSITION arrangements (see Section 7.7) (NS, KH)

- Plans
- Next Steps/SC Needs

0930 Finalization of 2016 First Report

- Schedule for final drafting
- Dates and Process for publication

#### ITEM 10 SC BUSINESS

1000 Report from the DPO

- Including indicative 2016/2017 Schedule/Timeline
- DPO: Integrated Master Schedule (introduction and use)

1020 TRF-2

- Plans for face-to-face TPOS 2020 Resources Forum in April
- Member needs and suggestions for engagement

1040 OTHER BUSINESS

- Membership and commitment
- Venue, date for SC-4

#### **1100 Close session**

- *Note for SC: You should plan to be there until at least 1330 to allow for contingencies*
- *Note for Report Lead Authors: We will convene after the SC session closes to discuss in detail how the Report will be finalized and to agree responsibilities. All authors are welcome to join. Plan to finish no later than mid-afternoon*