Outline of the Review Panel Feedback

- Structure of the Plan
- General Feedback on the Individual Chapters
- Missing Chapters / components

- Recommendations of the observing system – strategy for prioritization

Structure of the plan

- Executive Summary -> separate it into a short Executive summary and an introduction chapter

The introduction Chapter would:

summarize the motivation for the observing system

capture what exist now in IndOOS, how successful was it? what has changed? What can be improved? …

- Add a Summary Chapter, which would take the recommendations from the individual chapters and go through a synthesis process to reached the final makeup of the observing system plan
- link the organization of the main text to the points listed in the vision statement

- **Individual Chapters**
  - Too many motherhood statements (move them to introduction)
  - The plan is for a sustained observing system - too much focus on focus process studies
  - Be realistic in the recommendations – need to be credible
  - Consider recommendations in the form: existing observations, new observations and pilot studies
  - Better referencing of the other chapters

- **Missing Components**
  - Capacity Development
  - A Coastal observing Chapter -> perhaps linked to the Capacity Development?
  - Waves

  - Role of pilot observing systems and process studies in the observing plan?
  - How much can you contribute to higher trophic levels and fisheries in the plan

General Feedback from the Review Panel

The goal of IndOOS is to provide sustained high-quality oceanographic and marine meteorological measurements to support knowledge-based decision-making through improved scientific understanding, weather and climate forecasts, and environmental assessments.

- Motherhood statement that needs to be supported by a more detailed " vision statement" on what IndOOS is trying to achieve. Some points to consider in writing the vision statement:
  - Who are you writing the plan for?
  - It will formed the basis for prioritizing the components of the observing system
  - What is the balance between science support and services; between short and long timescales; between upper and deep ocean

Essential issue to resolve

Planned for a Sustained Observing System

The observing system must do multiple functions.

Thoughts on how to prioritizes

(1) Provide sustained observations to characterize and advance our understanding of key phenomena

(2) Provide data to evaluate, validate and initialize, climate prediction and other forecasting systems;

(3) Support integration of satellite and in situ observations including calibration and validation;

(4) Provide observations to track the evolving state of the ocean;

- **Structure to evaluating the Observational platforms to consider:**
  - **Existing**
  - **New**
  - **Pilots**