

**Western and**

**Central Pacific**

**Fisheries**

**Commission**

**SCIENTIFIC COMMITTEE**

**TWENTIETH REGULAR SESSION**

Manila, Philippines

14 – 21 August 2024

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| **HEADS OF DELEGATION MEETING**  **PROVISIONAL AGENDA**  Celestial Ballroom (5th floor), Luxent Hotel, 16:00-1700, Tuesday, 13 August 2024 |

**WCPFC-SC20-2024-07 (Rev.04)**

1. **Meeting Arrangements**
   * 1. **SC20 registration**: 1) during the HOD meeting on Tuesday, 13 August, and 2) starting at 7:30 am on Wednesday, 14 August 2024.
     2. **Breakout room**: Only one, the first room from the Celestial Ballroom (Winter Room): No Zoom facility
     3. The meeting starts at 08:30 every day. Tea breaks are scheduled for 10:00-10:30 and 15:00-15:30, and lunch at 12:00-13:30 (Philippine government will provide lunch – appreciated)

* Wednesday, 14 August: early morning break, 09:00-09:30, after the Opening Ceremony.
  + 1. Meeting information --- refer to the SC20 *Meeting Notice*
* Provisional Agenda in **Attachment 1**
* Indicative schedule in **Attachment 2**
* Evening session (17:30-18:30):

1. JTF Steering Committee meeting; Thursday, 15 August

* SC20 Function: Saturday, 17 August (Time and venue to be confirmed by the host)
  + 1. **Opening Ceremony**

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| **Time** | **Key Activity** |
| **7:30 – 8:20 am** | **Arrival and Registration of SC participants and guests** |
| **8:20 – 8:30 am** | **Special performance**  ([La Manila Dance Ambassadors and Rondalla](https://www.facebook.com/ManilaDanceAmbassadors/)) |
| **8:30 am** | **Welcome – MC** |
| **8:30 – 8:35 am** | **Opening prayer- Dr. Lilian C. Garcia**  NFRDI Executive Director/Philippines Alternate HOD |
| **8:35 – 9:00 am** | **Official Opening Statements**   1. Philippines Department of Agriculture Secretary- **Francisco P. Tiu Laurel, Jr.** 2. WCPFC Chair- **Dr. Josie Tamate** 3. SC Chair- **Ms. Emily Crigler** 4. WCPFC Executive Director- **Ms. Rhea Moss-Christian** |
| **9:00 – 9:30 am** | **Group Photo in the meeting room**  **Early Morning Break** |

* + 1. Introduction of a **new meeting website**

The Secretariat introduces some new features to the WCPFC meetings website. The changes are designed to improve the user experience during meetings, by:

* Linking meeting documents to agenda items, allowing the navigation and searching for documents to be agenda-based.
* Introducing an activity feed where notifications and meeting updates can be found, instead of relying on email.
* Adding a full-text search feature allowing users to find content contained within PDF documents by search terms, either for the current meeting or across all meetings.
  + 1. Guidelines on the use of the **Online Discussion Forum**

The following guidelines are generally proposed for the use of the ODF for SC20:

1. Timing: 30 days before the start of SC to the end of the first week of SC
2. This website is accessible to any approved SC20 participants;
3. Commission-funded SC projects that will not be presented at the plenary will be considered on the ODF, and their outputs will be briefly reviewed as needed under the Agenda Item 10 (SC Work Program and Budget) to finalize the project;
4. All stock assessment papers should be available on the ODF to facilitate more technical discussions on aspects of the assessment while leaving room for interventions during the SC plenary to address higher-level issues. In some cases, technically challenging questions can be raised on the ODF, and authors can respond to these questions during the SC plenary, indicating that they will be addressed at the plenary session;
5. Other information papers can be posted on the ODF if requested by the authors who wish to receive feedback on their papers, as well as by the SC Chair/Vice-Chair or theme convenors who want to cover these papers under their sessions but could not do so due to time constraints. Authors are fully responsible for providing feedback to any comments or questions as needed; and
6. After the closure of the ODF, a Summary of the SC20 Online Discussion Forum will be produced and noted under the Agenda Item "Other Matters." Appropriate action will be taken under the relevant agenda item as required if necessary.

For the efficient Q&A process, all participants are requested to prefix a comment or question when starting your input as shown below for efficient response by the authors:

COMMENT: My comment on section 3.5 of the paper SC20-GN-IP-01 is …

QUESTION: My question on section 3.5 of the paper SC20-GN-IP-01 is …

* + 1. Other issues?

1. **Review of Provisional Agenda**
   1. Provisional (Annotated) Agenda – No supplementary agenda item was requested 30 days before the start of the meeting, assuming the provisional agenda can be adopted.
   2. Agenda Item 12 – Other Matters
      * Any minor issues can be discussed under *Agenda Item 12 Other Matters.*
2. **SC Officers and Theme Conveners**
3. Current SC officers and theme conveners are listed below.

* Vice-Chair and MI Theme Convenor for 2025: Any nomination?

|  |  |
| --- | --- |
| Chair | Emily Crigler: [emily.crigler@noaa.gov](mailto:emily.crigler@noaa.gov) |
| Vice Chair | Vacant |
| ST Theme | Valerie Post: [valerie.post@noaa.gov](mailto:valerie.post@noaa.gov) |
| SA Theme | Hidetada Kiyofuji: kiyofuji\_hidetada20@fra.go.jp  Berry Muller: [bmuller@mimra.com](mailto:bmuller@mimra.com)  Michelle Sculley: [michelle.sculley@noaa.gov](mailto:michelle.sculley@noaa.gov) |
| MI Theme | Emily Crigler: [emily.crigler@noaa.gov](mailto:emily.crigler@noaa.gov)  (Acting convenor for Laura Tremblay-Boyer: [laura.tremblay-boyer@csiro.au](mailto:laura.tremblay-boyer@csiro.au)) |
| EB Theme | Yonat Swimmer: [yonat.swimmer@noaa.gov](mailto:yonat.swimmer@noaa.gov)  Leyla Knittweis: leyla.knittweis@mpi.govt.nz |

1. **Reporting arrangements**
2. **Lead rapporteur**: Dr. Tim Adams ([tim.adams@gonedau.com](mailto:tim.adams@gonedau.com))

* To accurately reflect technical discussions, conveners may select support rapporteurs to provide meeting minutes, especially for technical sessions, to the lead rapporteur.

1. **Document Control**
2. Email all new/revised meeting documents, presentation files, ISG reports, agreed recommendations, and decision points to [SC20@wcpfc.int](mailto:SC20@wcpfc.int). Presenters can also upload their presentation files on the presentation laptop, assisted by the Science Manager as needed.
3. For lengthy interventions, send the text to the Lead Rapporteur ([tim.adams@gonedau.com](mailto:tim.adams@gonedau.com)) by email.
4. Presentation laptop: Folders will be organized by the Science Manager and Assistant Science Manager who will control them.
5. **SC20 Summary Report**
6. The lead rapporteur will produce a draft summary report by 30 August, which will be posted on the SC20 website for CCMs’ and Observers’ review.
7. Once all CCMs' and Observers' comments are reflected and cleared, the Summary Report, including the Executive Summary, will be adopted intersessionally.
8. The Indicative time schedule for finalizing the SC20 Summary Report

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| **Tentative Schedule** | **Actions to be taken** |
| **21 August** | Close of SC20 |
| **30 August** | The *SC20 Outcomes Document* will be posted on the SC20 website (within 7 working days, Rules of Procedure).  The Secretariat will receive a Summary Report from the Lead Rapporteur, which will be posted on the SC20 website. |
| **11 October** | Deadline for the submission of comments (any changes they wish to have made using the track change function) from CCMs and Observers |
| **October** | Intersessional adoption of the Summary Report |

***Rule 33***

*1. Summary reports of the sessions of the Commission shall be maintained in such form as the Commission shall decide. As a general rule, such reports shall be circulated as soon as possible, to all representatives, who shall inform the Secretariat within thirty working days after the circulation of the summary report of any changes they wish to have made.*

*2. The Executive Director shall communicate the text of all decisions adopted by the Commission pursuant to article 20 of the Convention to all members of the Commission and to each territory referred to in article 43 of the Convention, and to observers referred to in rule 36, within seven working days following the adoption of such decision.*

1. **Side meetings**

To be arranged if requested

1. **Informal Small Group (ISG) meetings**

PROPOSED Informal Small Groups (ISGs) are listed below for the HOD’s review and finalization. Facilitators will lead their relevant ISG meetings, along with their schedules and approaches. The outcomes of the ISG will be reported to the plenary with their ISG report.

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| --- | --- | --- | --- |
| **ISG-ID** | **Title/TOR** | **Agenda** | **Coordinator/ Facilitator** |
| **ISG01**  **(Data fields)** | **FAD Data Fields**   * SC20-ST-WP-06 * SC20-ST-IP-09 | 3.1.5 | Valerie Post/PNAO |
| **ISG02**  **(SC Operations)** | **Future operations of the SC**   * SC20-GN-WP-05 | 13 | Emily Crigler/ Emily Crigler |
| **ISG03**  **(TARP)** | **Tuna Assessment Research Plan (TARP), including Review of Project 123 (SA software)**   * SC20-SA-IP-08, SPC-OFP * SC20-SA-WP-01, A. Magnusson, N. Davies, G. Pilling, and P. Hamer | 4.6.6.1 | Berry Muller/Keith Bigelow |
| **ISG04**  **(BRP)** | **Billfish Research Plan**   * SC20-SA-IP-09, Steve Brouwer and Paul Hamer | 4.6.6.2 | Berry Muller/ Michelle Sculley |
| **ISG05**  **(SRP)** | **Shark Research Plan**   * SC20-SA-IP-10, Steve Brouwer and Paul Hamer | 4.6.6.3 | Michelle Sculley/? |
| **ISG06**  **(Reporting template)** | **Reporting template for stock status and management advice**   * SC20-SA-WP-10, Philipp Neubauer | 4.6.1 | Kiyofuji Hidetada/Felipe Carvallo |
| **ISG07**  **(SC Workplan and Budget)** | **SC Work Program and Budget**   * SC20-GN-WP-06, Secretariat | 10.1 | Emily Crigler/ Emily Crigler |
| **ISG08**  **(Seabirds)** | Review of CMM on seabirds (CMM2018-03),   * SC20-EB-WP-06 facilitator | 6.5.2 | Leyla Knittweis / Johannes Fischer |

**ISG Schedule**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | **Wed, 14** | **Thu, 15** | **Fri, 16** | **Sat, 17** |
| **AM**  **(0.5h)** |  |  |  |  | **ISG03 - TARP** | **ISG06 – Reporting template** |  |
| **Lunch**  **(1h)** |  |  |  |  | **ISG04 - BRP** | **ISG08 - Seabirds** | **ISG07 - Budget** |
| **PM**  **(0.5h)** |  |  |  | **ISG01 - Data Fields** | **ISG05 - SRP** |  |  |
| **Evening** |  |  |  |  |  |  |  |

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| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Sun, 18** | **Mon, 19** | **Tue, 20** | **Wed, 21** |  |  |  |
| **AM**  **(0.5h)** |  |  |  |  |  |  |  |
| **Lunch**  **(1h)** |  |  |  |  |  |  |  |
| **PM**  **(0.5h)** |  |  |  |  |  |  |  |
| **Evening** |  |  |  |  |  |  |  |

1. **Next meeting venue**

* SC21 in 2025: TBD
* SC22 in 2026: TBD

1. **Other Matters**
   * + Paper deadlines
     + Observer submission of working papers
     + Review of SPALB and MLS Stock Assessment results

**Attachment 1**

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**SCIENTIFIC COMMITTEE**

**TWENTIETH REGULAR SESSION**

Manila, Philippines

14 – 21 August 2024

**PROVISIONAL AGENDA**

**WCPFC-SC20-2024-02 (Rev.02)**

1. **OPENING OF THE MEETING**
   1. **Welcome address**
   2. **Meeting arrangements**

* [**WCPFC-SC20-2024-01**](https://meetings.wcpfc.int/node/22055)
* [**WCPFC-SC20-2024-05**](https://meetings.wcpfc.int/node/23093)
* [**WCPFC-SC20-2024-06**](https://meetings.wcpfc.int/node/22980)
  1. **Issues arising from the Commission**
* [**SC20-GN-IP-01**](https://meetings.wcpfc.int/node/23100)
  1. **Adoption of agenda**
* [**WCPFC-SC20-2024-02**](https://meetings.wcpfc.int/node/22056)
* [**WCPFC-SC20-2024-03**](https://meetings.wcpfc.int/node/22057)
* [**WCPFC-SC20-2024-07**](https://meetings.wcpfc.int/node/23094)
  1. **Reporting arrangements**
* [**WCPFC-SC20-2024-04**](https://meetings.wcpfc.int/node/23092)
* [**SC20-GN-IP-04**](https://meetings.wcpfc.int/node/23103)
  1. **Intersessional activities of the Scientific Committee**
* [**SC20-GN-IP-02**](https://meetings.wcpfc.int/node/23101)

1. **REVIEW OF FISHERIES**
   1. **Overview of Western and Central Pacific Ocean (WCPO) fisheries**

* [**SC20-GN-WP-01**](https://meetings.wcpfc.int/node/23098)
  1. **Overview of Eastern Pacific Ocean (EPO) fisheries**
* [**SC20-GN-WP-02**](https://meetings.wcpfc.int/node/23059)
  1. **Annual Report – Part 1 from Members, Cooperating Non-Members, and Participating Territories**
* [**Refer to CCMs’ Annual Reports**](https://meetings.wcpfc.int/taxonomy/term/1777)
  1. **Reports from regional fisheries bodies and other organizations**

1. **DATA AND STATISTICS THEME**
   1. **Data gaps of the Commission**

* [**SC20-GN-IP-07**](https://meetings.wcpfc.int/node/23080)
* [**SC20-ST-IP-08**](https://meetings.wcpfc.int/node/23113)
  + 1. **Report of the WCPFC scientific data**
* [**SC20-ST-WP-01**](https://meetings.wcpfc.int/node/23109)
* [**SC20-ST-IP-02**](https://meetings.wcpfc.int/node/23108)
* [**SC20-ST-IP-03**](https://meetings.wcpfc.int/node/23079)
  + 1. **Species composition of purse-seine catches (Project 60)**
* [**SC20-ST-WP-02**](https://meetings.wcpfc.int/node/23089)
  + 1. **Better data on fish weights and lengths for scientific analyses (Project 90)**
* [**SC20-ST-IP-04**](https://meetings.wcpfc.int/node/22995)
  + 1. **Improved coverage of cannery receipt data (Project 114)**
* [**SC20-ST-IP-05**](https://meetings.wcpfc.int/node/23111)
  + 1. **Minimum data reporting requirements**
* [**SC20-ST-WP-06**](https://meetings.wcpfc.int/node/22962)
* [**SC20-ST-WP-08**](https://meetings.wcpfc.int/node/23247)
* [**SC20-ST-IP-09**](https://meetings.wcpfc.int/node/22963)
  + 2. **Regional bycatch estimates of purse seine fishery**
* [**SC20-ST-WP-07**](https://meetings.wcpfc.int/node/23090)
  1. **Evaluation of purse seine fishing effort**
* [**SC20-ST-WP-03**](https://meetings.wcpfc.int/node/23106)
* [**SC20-ST-IP-10**](https://meetings.wcpfc.int/node/23091)
* [**SC20-ST-IP-11**](https://meetings.wcpfc.int/node/23114)
  1. **Regional Observer Programme**
     1. **Review of an observer training project for elasmobranch biological sampling (Project 109)**
* [**SC20-ST-IP-06**](https://meetings.wcpfc.int/node/23112)
  + 1. **ROP Data Issues**
* [**SC20-ST-WP-04**](https://meetings.wcpfc.int/node/23110)
  1. **Electronic Reporting and Electronic Monitoring**
* [**SC20-ST-IP-12**](https://meetings.wcpfc.int/node/22979)
  + 1. **ER and EM IWG Update**
* [**SC20-ST-WP-05**](https://meetings.wcpfc.int/node/23066)
  + 1. **Requirements for increased observer coverage in longline fisheries under CMM 2023-01**
* **[SC20-ST-WP-09](https://meetings.wcpfc.int/node/23248)**

1. **STOCK ASSESSMENT THEME** 
   1. **Improvement of MULTIFAN-CL software** 
      1. **Update of MULTIFAN-CL software**

* [**SC20-SA-IP-02**](https://meetings.wcpfc.int/node/23126)
  + 1. **Review of Project 123 outcomes**
* [**SC20-SA-WP-01**](https://meetings.wcpfc.int/node/23118)
  1. **WCPO Tunas**
     1. **South Pacific albacore tuna (*Thunnus alalunga*)**
* [**SC20-SA-IP-01**](https://meetings.wcpfc.int/node/23085)
* [**SC20-SA-IP-18**](https://meetings.wcpfc.int/node/22993)
  + - 1. South Pacific albacore stock assessment
* [**SC20-SA-WP-02**](https://meetings.wcpfc.int/node/23119)
* [**SC20-SA-IP-03**](https://meetings.wcpfc.int/node/23064)
* [**SC20-SA-IP-04**](https://meetings.wcpfc.int/node/23127)
* [**SC20-SA-IP-05**](https://meetings.wcpfc.int/node/23128)
* [**SC20-SA-IP-07**](https://meetings.wcpfc.int/node/23046)
* [**SC20-SA-IP-20**](https://meetings.wcpfc.int/node/23065)
  + - 1. Provision of scientific information to the Commission
    1. **WCPO skipjack tuna (*Katsuwonus pelamis*)**
       1. Indicator analysis
* [**SC20-SA-WP-07**](https://meetings.wcpfc.int/node/23154)
  + - 1. Long-term recruitment and CPUE trends of skipjack tuna (Project 115)
* [**SC20-SA-WP-06**](https://meetings.wcpfc.int/node/23122)
* [**SC20-SA-IP-16**](https://meetings.wcpfc.int/node/22984)
  + 1. **WCPO bigeye tuna (*Thunnus obesus*) and yellowfin tuna (*Thunnus albacares*)**
* [**SC20-SA-IP-21**](https://meetings.wcpfc.int/node/23062)
* [**SC20-SA-IP-22**](https://meetings.wcpfc.int/node/23057)
  + - 1. Further analyses for bigeye and yellowfin tuna assessment
      2. Indicator analysis
* [**SC20-SA-WP-07**](https://meetings.wcpfc.int/node/23154)
  + - 1. Reproductive biology of yellowfin tuna (Project 120)
* [**SC20-SA-IP-11**](https://meetings.wcpfc.int/node/23010)
  1. **Northern stocks**
* [**SC20-GN-WP-03**](https://meetings.wcpfc.int/node/22898)
  + 1. **Pacific bluefin tuna (*Thunnus orientalis*)** 
       1. Pacific bluefin tuna stock assessment
* [**SC20-SA-WP-08**](https://meetings.wcpfc.int/node/23117)
  + - 1. Provision of scientific information to the Commission
  1. **Billfish**
     1. **Southwest Pacific striped marlin (*Kajikia audax*)**
* [**SC20-SA-IP-17**](https://meetings.wcpfc.int/node/22992)
  + - 1. Stock assessment of Southwest Pacific striped marlin
* [**SC20-SA-WP-03**](https://meetings.wcpfc.int/node/23120)
* [**SC20-SA-IP-06**](https://meetings.wcpfc.int/node/23129)
  + - 1. Provision of scientific information to the Commission
    1. **Western and Central North Pacific striped marlin (*Kajikia audax*)**
       1. Peer review of the 2023 stock assessment for Western and Central North Pacific striped marlin
* [**SC20-SA-WP-12**](https://meetings.wcpfc.int/node/22774)
  + - 1. Western and Central North Pacific striped marlin rebuilding analysis
* [**SC20-SA-WP-13**](https://meetings.wcpfc.int/node/23125)
* [**SC20-SA-IP-15**](https://meetings.wcpfc.int/node/23131)
  1. **Sharks**
     1. **Silky shark (*Carcharhinus falciformis*)** 
        1. Stock assessment of silky shark in the WCPO (Project 108)
* [**SC20-SA-WP-04**](https://meetings.wcpfc.int/node/23088)
  + - 1. Provision of scientific information to the Commission
    1. **Oceanic whitetip shark (*Carcharhinus longimanus*)**
* [**SC20-SA-WP-11**](https://meetings.wcpfc.int/node/23124)
* [**SC20-SA-IP-23**](https://meetings.wcpfc.int/node/23087)
  + 1. **North Pacific shortfin mako shark (*Isurus oxyrinchus*)**
       1. North Pacific shortfin mako shark stock assessment
* [**SC20-SA-WP-14**](https://meetings.wcpfc.int/node/22828)
  + - 1. Provision of scientific information to the Commission
  1. **Projects and Requests**
     1. **Stock Status and Management Advice Template (Project 113b)**
* [**SC20-SA-WP-10**](https://meetings.wcpfc.int/node/23084)
  + 1. **Application of Close-Kin-Mark-Recapture Methods (Project 100c)**
* [**SC20-SA-WP-09**](https://meetings.wcpfc.int/node/23123)
* [**SC20-SA-IP-24**](https://meetings.wcpfc.int/node/23132)
  + 1. **Scoping study on longline effort creep in the WCPO (Project 122)**
* [**SC20-SA-WP-05**](https://meetings.wcpfc.int/node/23121)
* [**SC20-SA-IP-19**](https://meetings.wcpfc.int/node/23005)
  + 1. **WCPFC Tuna Biological Sampling Plan (Project 117)**
* [**SC20-SA-IP-12**](https://meetings.wcpfc.int/node/23086)
  + 1. **WCPFC Billfish Biological Sampling Plan (Project 118)**
* [**SC20-SA-IP-12**](https://meetings.wcpfc.int/node/23086)
  + 1. **Research Plan Update**
       1. Tuna Assessment Research Plan (2023 – 2026) update
* [**SC20-SA-IP-08**](https://meetings.wcpfc.int/node/23082)
  + - 1. Billfish Research Plan (2023 – 2026) update
* [**SC20-SA-IP-09**](https://meetings.wcpfc.int/node/23037)
  + - 1. Review of the Shark Research Plan 2021 - 2030
* [**SC20-SA-IP-10**](https://meetings.wcpfc.int/node/23035)

1. **MANAGEMENT ISSUES THEME**
   1. **Development of the WCPFC harvest strategy framework for key tuna species**
      1. **Skipjack tuna**
         1. Skipjack tuna management procedure

* [**SC20-MI-WP-01**](https://meetings.wcpfc.int/node/23133)
  + - 1. Monitoring strategy for skipjack tuna
* [**SC20-MI-WP-02**](https://meetings.wcpfc.int/node/23134)
  + 1. **South Pacific albacore tuna**
       1. Target reference points
* [**SC20-MI-WP-03**](https://meetings.wcpfc.int/node/23135)
  + - 1. South Pacific albacore operating models
* [**SC20-MI-WP-04**](https://meetings.wcpfc.int/node/23136)
  + - 1. South Pacific albacore management procedure
* [**SC20-MI-WP-05**](https://meetings.wcpfc.int/node/23137)
* [**SC20-MI-WP-06**](https://meetings.wcpfc.int/node/23138)
* [**SC20-MI-IP-01**](https://meetings.wcpfc.int/node/23141)
  + - 1. Monitoring strategy for South Pacific albacore
      2. Updates on SP Albacore Roadmap IWG
    1. **Mixed fishery MSE framework**
       1. Target reference points for bigeye and yellowfin tuna
* [**SC20-MI-WP-07**](https://meetings.wcpfc.int/node/22981)
  + - 1. Mixed fishery MSE framework update
* [**SC20-MI-IP-03**](https://meetings.wcpfc.int/node/23142)
  + 1. **Progress of the WCPFC Harvest Strategy Work Plan**
* [**SC20-MI-IP-04**](https://meetings.wcpfc.int/node/23045)
  1. **Review of effectiveness of CMM 2023-01**
* [**SC20-MI-WP-09**](https://meetings.wcpfc.int/node/23139)
* [**SC20-MI-IP-05**](https://meetings.wcpfc.int/node/23143)

1. **ECOSYSTEM AND BYCATCH MITIGATION THEME** 
   1. **Ecosystem and Climate Indicators**
      1. **Ecosystem and Climate Indicator Report Card**

* [**SC20-EB-WP-01**](https://meetings.wcpfc.int/node/23145)
  + 1. **Research proposal**
* [**SC20-EB-WP-02**](https://meetings.wcpfc.int/node/23028)
* [**SC20-EB-WP-07**](https://meetings.wcpfc.int/node/23078)
* [**SC20-EB-IP-01**](https://meetings.wcpfc.int/node/23148)
* [**SC20-EB-IP-03**](https://meetings.wcpfc.int/node/23149)
* [**SC20-EB-IP-11**](https://meetings.wcpfc.int/node/23069)
* [**SC20-EB-IP-32**](https://meetings.wcpfc.int/node/22982)
* [**SC20-EB-IP-33**](https://meetings.wcpfc.int/node/23044)
  1. **FAD impacts**
* [**SC20-EB-IP-12**](https://meetings.wcpfc.int/node/23068)
* [**SC20-EB-IP-13**](https://meetings.wcpfc.int/node/23104)
  + 1. **Research on non-entangling and biodegradable FADs**
* [**SC20-EB-WP-03**](https://meetings.wcpfc.int/node/23001)
* [**SC20-EB-IP-02**](https://meetings.wcpfc.int/node/23004)
* [**SC20-EB-IP-14**](https://meetings.wcpfc.int/node/22965)
* [**SC20-EB-IP-15**](https://meetings.wcpfc.int/node/22983)
* [**SC20-EB-IP-16**](https://meetings.wcpfc.int/node/23074)
* [**SC20-EB-IP-31**](https://meetings.wcpfc.int/node/23158)
  + 2. **Updates on FAD Management Options IWG**
* [**SC20-EB-WP-04**](https://meetings.wcpfc.int/node/23002)
* [**SC20-EB-IP-17**](https://meetings.wcpfc.int/node/22966)
  1. **Bycatch management**
     1. **Bycatch Management Information System**
* [**SC20-EB-IP-04**](https://meetings.wcpfc.int/node/23049)
  + 1. **Bycatch Assessment and Management**
* [**SC20-EB-IP-05**](https://meetings.wcpfc.int/node/22208)
* [**SC20-EB-IP-07**](https://meetings.wcpfc.int/node/22873)
* [**SC20-EB-IP-10**](https://meetings.wcpfc.int/node/23063)
* [**SC20-EB-IP-18**](https://meetings.wcpfc.int/node/22967)
* [**SC20-EB-IP-19**](https://meetings.wcpfc.int/node/23067)
* [**SC20-EB-IP-20**](https://meetings.wcpfc.int/node/23075)
* [**SC20-EB-IP-21**](https://meetings.wcpfc.int/node/23076)
  1. **Sharks** 
     1. **Estimating the impact of fishing on sharks (Project 116)**
* [**SC20-EB-WP-05**](https://meetings.wcpfc.int/node/23072)
  1. **Seabirds** 
     1. **Review of seabird research**
* [**SC20-EB-WP-10**](https://meetings.wcpfc.int/node/23053)
* [**SC20-EB-WP-11**](https://meetings.wcpfc.int/node/23054)
* [**SC20-EB-IP-08**](https://meetings.wcpfc.int/node/22989)
* [**SC20-EB-IP-22**](https://meetings.wcpfc.int/node/22968)
* [**SC20-EB-IP-23**](https://meetings.wcpfc.int/node/23050)
* [**SC20-EB-IP-24**](https://meetings.wcpfc.int/node/23039)
* [**SC20-EB-IP-25**](https://meetings.wcpfc.int/node/23105)
* [**SC20-EB-IP-26**](https://meetings.wcpfc.int/node/22969)
* [**SC20-EB-IP-27**](https://meetings.wcpfc.int/node/23055)
* [**SC20-EB-IP-28**](https://meetings.wcpfc.int/node/22970)
* [**SC20-EB-IP-29**](https://meetings.wcpfc.int/node/23060)
* [**SC20-EB-IP-30**](https://meetings.wcpfc.int/node/23056)
  + 1. **Review of CMM on seabirds (CMM 2018-03)**
* [**SC20-EB-WP-06**](https://meetings.wcpfc.int/node/23146)
  1. **Sea turtles** 
     1. **Review of sea turtle research**
* [**SC20-EB-WP-12**](https://meetings.wcpfc.int/node/23147)
* [**SC20-EB-IP-09**](https://meetings.wcpfc.int/node/23073)
  + 1. **Review of Conservation and Management of Sea Turtles (CMM 2018-04)**
  1. **Cetaceans**
* [**SC20-EB-WP-08**](https://meetings.wcpfc.int/node/23081)
* [**SC20-EB-WP-13**](https://meetings.wcpfc.int/node/23048)
  1. **Deep-sea mining**
* [**SC20-EB-WP-09**](https://meetings.wcpfc.int/node/23115)
* [**SC20-EB-WP-14**](https://meetings.wcpfc.int/node/23160)
* [**SC20-EB-IP-06**](https://meetings.wcpfc.int/node/22725)

1. **OTHER RESEARCH PROJECTS**
   1. **Pacific Marine Specimen Bank (Project 35b)**

* [**SC20-RP-P35b-01**](https://meetings.wcpfc.int/node/23017)
* [**SC20-RP-P35b-02**](https://meetings.wcpfc.int/node/23152)

  2. **Pacific Tuna Tagging Project (Project 42)**
* [**SC20-RP-PTTP-01**](https://meetings.wcpfc.int/node/23006)
* [**SC20-RP-PTTP-02**](https://meetings.wcpfc.int/node/23153)

  2. **West Pacific East Asia Project**
* [**SC20-RP-WPEA-01**](https://meetings.wcpfc.int/taxonomy/term/1877)
  1. **Japan Trust Fund activities**
* [**SC20-RP-JTF-01**](https://meetings.wcpfc.int/node/23150)
* [**SC20-RP-JTF-02**](https://meetings.wcpfc.int/node/23151)
  1. **Other Projects**

1. **COOPERATION WITH OTHER ORGANISATIONS**

* [**SC20-GN-IP-03**](https://meetings.wcpfc.int/node/23102)

1. **SPECIAL REQUIREMENTS OF DEVELOPING STATES AND PARTICIPATING TERRITORIES**
2. **FUTURE WORK PROGRAM AND BUDGET**
   1. **Development of the 2025 work programme and budget, and projection of 2026-2027 provisional work program and indicative budget**

* [**SC20-GN-WP-06**](https://meetings.wcpfc.int/node/23099)

1. **ADMINISTRATIVE MATTERS**
   1. **Future operation of the Scientific Committee**

* [**SC20-GN-WP-05**](https://meetings.wcpfc.int/node/23077)
  1. **Election of Officers of the Scientific Committee**
  2. **Next meeting**

1. **OTHER MATTERS**
2. **ADOPTION OF THE SUMMARY REPORT OF THE TWENTIETH REGULAR SESSION OF THE SCIENTIFIC COMMITTEE**

* [**SC20-GN-IP-04**](https://meetings.wcpfc.int/node/23103)

1. **CLOSE OF MEETING**

**Attachment 2**

A blue and black logo

Description automatically generated

**SCIENTIFIC COMMITTEE**

**TWENTIETH REGULAR SESSION**

Manila, Philippines

14 – 21 August 2024

**INDICATIVE SCHEDULE (Matrix) with Detailed Agenda Items**

**WCPFC-SC20-2024/05 (Rev.03)**

**13 August 2024**

ISG: Informal Small Group meeting

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Time** | **Sun** | **Mon** | **Tue, 15 August** | **Wed, 14** | **Thu, 15** | **Fri, 16** | **Sat, 17** |
| **0830-1000 (1.5h)** |  |  |  | **Opening Ceremony**  0800-0900 | **A4. Stock Status (1)**  A4.1  A4.6.1→ISG  A4.6.6.1→ISG  A4.6.6.2→ISG  A4.6.6.3→ISG | **A4. Stock Status (3)**  A4.2.1A4.5.3 | **A4. Stock Status (5)**  A4.5.2  A4.6.2  A4.6.3 |
| **1000-1030** | 0900-0930 | Morning Break | | |
| **1030-1200 (1.5h)** | **Agenda 1 and A2**  (0930-1200) | **A4. Stock Status (2)**  A4.2.2  A4.2.3  A4.5.1 | **A4. Stock Status (4)**  A4.4.2  A 4.3  A4.3.1 | **A4. Stock Status (6)**  A4.4.1  A4.6.4&A4.6.5 |
| **1200-1330** | **14:00- 15:30**  Chair and Conveners Meeting  **16:00 –17:00**  Heads of Delegation Meeting | Lunch Break | | | |
| **1330-1500 (1.5h)** | **A3. Data (1)**  A3.1.1 – A3.1.5 | **A6. EB theme (1)**  A6.1.1  A6.1.2  A6.2,1 | **A5. MI theme (1)**  A5.1.1 | **A5. MI theme (2)**  A5.1.2.1  A5.1.2.2 |
| **1500-1530** | Afternoon Break | | | |
| **1530-1730 (2h)** | **A3. Data (2)**  A3.1.6 – A3.4.2 | **A6. EB theme (2)**  A6.2.2  A6.3  A6.4  A6.5 | **A6. EB theme (3)**  A6.6  A6.7  A6.8 | **A5. MI theme (3)**  A5.1.2.3  A5.1.3.1  A5.2 |
| **1730-1830** |  |  | **JTF (1730-1830)** |  |  |
| **1900-2100** |  |  |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Time** | **Sun, 18** | **Mon, 19** | **Tue, 20** | **Wed, 21** |  |  |  |
| **0830-1000** |  | **A4. Stock Status (7)**  A4.6.1 (ISG results)  A4.6.6.1 (ISG results)  A4.6.6.2 (ISG results)  A4.6.6.3 (ISG results) | **A4. Stock Status (9)**  Recommendation | **A4. Stock Status (10)**  Recommendation |  |  |  |
| **1000-1030** | Morning Break | | |
| **1030-1200** | **A3. Data (3)**  Recommendations | **A5. MI theme (5)**  Recommendations | **A4. Stock Status (11)**  Recommendation |
| **1200-1330** | Lunch Break | | |
| **1330-1500** | **A5. MI theme (4)**  Recommendations | **A6. EB theme (4)**  Recommendations | **A6. EB theme (5)**  Recommendations |
| **1500-1530** | Afternoon Break | | |
| **1530-1730** | **A4. Stock Status (8)**  Recommendation | **Agenda 7-12** | **Agenda 7-14** |
| **1800-2100** |  |  |  |