

**SCIENTIFIC COMMITTEE**

**FOURTEENTH REGULAR SESSION**

Busan, Republic of Korea

8-16 August 2018

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| **HEADS OF DELEGATION MEETING****PROVISIONAL AGENDA**  |

**WCPFC-SC14-2018/06 (Rev.01)**

1. **General Announcements**
	* 1. SC14 registration will start at 08:00 on Wednesday, 8th of August.
		2. 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
* Tomorrow, we may have an early morning tea break, right after the opening session.
	+ 1. Meeting schedule and functions
* Provisional agenda in Attachment 1
* Indicative meeting schedule in Attachment 2
* Welcome/Opening Dinner Reception
	+ 1. Opening Ceremony

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| 08:00-08:30 | Registration (outside the main entrance) |
| 08:30-09:00 | SC Chair Ueta Jr. Faasili will welcome delegates, and introduce speakers:1. YANG, Dong-yeob, Director General for Overseas Fisheries and International Policy Bureau
2. Rhea Moss-Christian, Commission Chair
3. Feleti Teo, Executive Director
4. SC Chair will declare SC14 opening.
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| 09:00-09:15 | Group Photo |
| 09:15-09:45 | Morning Refreshment Break |

* + 1. IT arrangement – refer to *Internet and Meeting Documents for SC14* in your souvenir bag
		2. Other issues?
1. **Review of Provisional Agenda**
	1. Adoption of SC14 “Provisional (Annotated) Agenda” and “Theme Agenda”
	2. Agenda Item 12 – Other Matters
		* Any minor issues for discussion under *Agenda Item 12 Other Matters?*
2. **SC Officers and Theme Conveners**
3. Current SC officers and theme conveners are listed below.
* Selection of SC Vice-Chair
* Theme Conveners for 2019?
* Any new conveners?

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| Chair | Ueta Jr. Faasili (1); ueta.faasili@maf.gov.ws  |
| Vice Chair | Vacant  |
| ST Theme | Valerie Post (2); valerie.post@noaa.gov  |
| SA Theme | Jon Brodziak (8); jon.brodziak@noaa.gov Hiroshi Minami(1); hminami@affrc.go.jp |
| MI Theme | Robert Campbell (9); robert.campbell@csiro.au  |
| EB Theme | John Annala (4); john.annala@mpi.govt.nz  |

(*x*): *number of* *years of convenership*

1. **Reporting arrangements**
2. Lead rapporteurs: Mr Mark Smaalders marksmaalders@gmail.com (SC6, 2010)
* Ask conveners whether they have support rapporteurs and their roles.
1. Document control
2. Submit all meeting documents, agreed recommendations and decision points to Tony Beeching (tony.beeching@wcpfc.int) by email or data stick
3. Presenters will submit their presentation files to Tony Beeching before loading on the presentation laptop.
4. For lengthy interventions, please send the text to the Rapporteur, and copy Tony
5. Presentation laptop: Folders will be organized by Theme – sub-folders at the Conveners discretion
* Recommendations to be backed up by theme to presentation laptop and data-sticks
1. SC14 Summary Report
2. Lead rapporteur will produce a draft summary report;
3. Theme conveners will ensure at the start of the meeting that all presenters should submit 1-2 paragraph summary of their presentations to the lead rapporteur.
4. Theme conveners will review the draft summary report;

iii) All recommendations and decision points will be adopted at the meeting; and

1. Secretariat will prepare Executive Summary.
2. Summary Report and Executive Summary will be adopted intersessionally.
3. SC recommendations
4. Theme conveners draft recommendations, and clear them and produce agree text at the end of each theme session (Lead rapporteurs will assist the clearing process); and
5. SC Chair formally adopts all recommendations under Agenda Item 13.
6. Indicative time schedule for the finalization of SC14 Summary Report

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| **Due by** | **Actions to be taken** |
| 16 August | Close of SC14 By 27 August, SC14 decisions will be distributed to all CCMs and observers (within 7 working days, Rules of Procedure). |
| 23 August | Secretariat will receive Draft Summary Report from the rapporteur. |
| 7 September | Secretariat will clear the Draft report, and distribute the cleaned report to all Theme Convenors for review. |
| 14 September | Theme conveners will review the report and return it back to the Secretariat |
| 17 September | The Secretariat will distribute/post the draft Summary Report for all CCMs’ and Observers’ review |
| 29 October  | Deadline for the submission of comments from CCMs and Observers |

1. **Side meetings**
	1. There will be two Steering Committee meetings:
		* + - Pacific Tuna Tagging Project (Pearl Room) at 5:30-7:00pm, on Thursday, 9 August; and
				- Japan Trust Fund (Pearl Room) at 5:30-6:30pm on Friday, 10 August.
2. **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 according to their schedules and approaches.

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| **ISG-ID** | **Title/TOR** | **Agenda** | **Proposed Facilitator** | **Priority / Remarks** |
| ISG-01 | **NP striped marlin and NP blue shark – designation as northern stocks and provision of management advice**Reference: WCPFC14 Report, Para 378* SC14-SA-WP-10 (Indicators of the spatial distribution of blue shark (*Prionaceglauca*) in the North Pacific)
* SC13-SA-WP-10 (Stock Assessment and Future Projections of Blue Shark in the North Pacific Ocean through 2015)
* SC14-SA-IP-11 (Estimation of the ratio of spawning biomass of striped marlin above 20°N in the Central and Western North Pacific Ocean using the Japanese Distant Water Longline Fleet and the 2007 Stock Assessment)
* SC14-SA-IP-12 (Stock assessment update for striped marlin (*Kajikiaaudax*) in the western and central North Pacific Ocean through 2013)
 | 4.3.4 and 4.4.3 | TBD |  |
| ISG-02 | **Target reference point for SP albacore tuna**Reference: WCPFC14 Report, Para 188.b:“Regardless of the results of the 2018 stock assessment and the management advice from SC14 to WCPFC15, SC14 shall dedicate sufficient time in the Management Issues Theme to develop advice for WCPFC15 on candidate target reference points.” | 5.1.2 | TBD |  |
| ISG-03 | **Roadmap for SP albacore**Reference: WCPFC14 Report, Para 265* SC14-MI-WP-02: Technical aspects of a potential South Pacific albacore harvest strategy
 | 5.1.3 | Sarah Williams |  |
| ISG-04 | **Science-Management Dialogue**Reference: WCPFC14 Report, Para 215:*“The Commission agreed to reprioritise as needed the annual agenda of the Commission and Scientific Committee to allow sufficient additional time for consideration of harvest strategy issues. In addition, WCPFC recognised that there may also be a need for a dedicated science/management dialogue”** SC14-MI-WP-06Draft Terms of Reference for a WCPFC Science-Management Dialogue meeting
 | 5.1.5 | Rob Campbell? |  |
| ISG-05 | **Comprehensive shark and ray measure**Reference: WCPFC14 Report, Paras 332 and 333* SC14-EB-WP-05 Development of a Comprehensive Shark and Ray CMM
 | 6.2.1 | John Annala |  |
| ISG-06 | **Safe release guidelines for sharks and rays**Reference: WCPFC14 Summary Report, Para 331: “The Commission agreed to task SC14 to develop proposed guidelines for safe release of rays and sharks and taking into account existing standards or guidelines adopted on other fora. The Commission agreed that priority should be given to the development of guidelines for safe release of silky shark and oceanic whitetip sharks*.”** SC14-EB-IP-03: Clarke S. Draft safe release guidelines for sharks and rays
 | 6.2.3 | TBD |  |
| ISG-07 | **Shark Research Plan and future work plan**Reference: SC13 Summary Report:* Attachment E – FAD data fields and FAD Research Plan
* Attachment I — Shark Research Plan
* Attachment J — SC work programme and budget for 2018-2020

Note: Update the above references, and provide information below for any new proposed research:1) Objectives; 2) Rationale; 3) Scope of Work; 4) Timeframe; 5) Indicative Budget; 6) References | 6.2.4 | James Larcombe |  |
| ISG-08 | **SC Budget for 2019– 2021*** Stock assessment schedule be confirmed
 | 10.2 | Chair |  |
| ISG-09 | **Seabird Mitigation Measures**Reference: WCPFC14 Summary Report (Para 347); CMM 2017-06 (Paras 5 and 6)* EB-WP-10: Hook-shielding devices to mitigate seabird bycatch: review of effectiveness
* EB-WP-12: ACAP advice for reducing the impact of pelagic longline fishing operations on seabirds
* EB-WP-13: ABNJ Tuna Project: Workshop on WCPFC Bycatch Mitigation Problem-Solving
 | 6.3 | TBD |  |
| ISG-10 | **ROP minimum standard data fields species of special interest**Reference: WCPFC14 Report, Para 363* SC14-ST-IP-09 (USA ideas on "ROP minimum standard data fields species of special interest”)
 | 3.3.2 | TBD |  |
| ISG-11 | **Conversion factor**Reference: SC13 Report (Paras 81, 102, 103, 128)* SC14-ST-WP-05 (Requirements for enhancing conversion factor information)
 | 3.1.5 | TBD |  |
| ISG-12 | **Process for developing *Guidelines for the voluntary provision of economic data***Reference: WCPFC14 Report/Attachment S (Agreed principles to inform the development of guidelines for the voluntary provision of economic data to the Commission by CCMs) | 3.5 | TBD |  |

1. **Next meeting venue**
* SC15 in 2019: Pohnpei, FSM – to be confirmed
* SC16 in 2020: Samoa – to be confirmed
1. **Other Matters**

**Attachment 1**



**SCIENTIFIC COMMITTEE**

**FOURTEENTH REGULAR SESSION**

Busan, Republic of Korea

8-16 August 2018

**PROVISIONAL AGENDA**

**WCPFC-SC14-2018/02**

1. **OPENING OF THE MEETING**
	1. **Welcome address**
	2. **Meeting arrangements**
	3. **Issues arising from the Commission**
	4. **Adoption of agenda**
	5. **Reporting arrangements**
	6. **Intersessional activities of the Scientific Committee**
2. **REVIEW OF FISHERIES**
	1. **Overview of Western and Central Pacific Ocean (WCPO) fisheries**
	2. **Overview of Eastern Pacific Ocean (EPO) fisheries**
	3. **Annual Report – Part 1 from Members, Cooperating Non-Members, and Participating Territories**
	4. **Reports from regional fisheries bodies and other organizations**
3. **DATA AND STATISTICS THEME**
	1. **Data gaps**
		1. Data gaps of the Commission
		2. Species composition of purse-seine catches
		3. Potential use of cannery receipt data for the work of the WCPFC
		4. Bycatch estimates of longline and purse seine
		5. Project 90 (Better size data (length and weight) for scientific analyses)
	2. **FAD data management**
	3. **Regional Observer Programme**
		1. ROP longline coverage
		2. Review of ROP minimum standards data fields
	4. **Electronic Reporting and Electronic Monitoring**
	5. **Economic data**
4. **STOCK ASSESSMENT THEME**
5. **Improvement of MULTIFAN-CL software**
	1. **WCPO tunas**
		1. **WCPO bigeye tuna (*Thunnus obesus*)**
			1. Research and information
		2. Project 81 (Further work on bigeye tuna age and growth)
		3. Bigeye tuna stock assessment update
			1. Provision of scientific information
6. Stock status and trends
7. Management advice and implications
	* 1. **WCPO yellowfin tuna (*Thunnus albacares*)**
			1. Research and information
		2. Project 82 (Yellowfin tuna age and growth)
		3. Update of yellowfin tuna stock assessment information
			1. Provision of scientific information
8. Status and trends
9. Management advice and implications
	* 1. **WCPO skipjack tuna (*Katsuwonus pelamis*)**
			1. Research and information
10. Update of skipjack tuna stock assessment information
	* + 1. Provision of scientific information
11. Status and trends
12. Management advice and implications
	* 1. **South Pacific albacore tuna (*Thunnus alalunga*)**
			1. Research and information
	1. South Pacific albacore tuna stock assessment
	2. Trends in the South Pacific albacore longline and troll fisheries
		* 1. Provision of scientific information
13. Status and trends
14. Management advice and implications
	1. **Northern stocks**
		1. **North Pacific albacore (*Thunnus alalunga*)**
			1. Research and information
			2. Provision of scientific information
15. Status and trends
16. Management advice and implications
	* 1. **Pacific bluefin tuna (*Thunnus orientalis*)**
			1. Research and information
			2. Provision of scientific information
17. Status and trends
18. Management advice and implications
	* 1. **North Pacific swordfish (*Xiphias gladius*)**
			1. Research and information
			2. Provision of scientific information
19. Status and trends
20. Management advice and implications
	1. **WCPO sharks**
		1. **Oceanic whitetip shark (*Carcharhinus longimanus*)**
			1. Research and information
			2. Provision of scientific information
21. Status and trends
22. Management advice and implications
	* 1. **Silky shark (*Carcharhinus falciformis*)**
			1. Research and information
			2. Provision of scientific information
23. Status and trends
24. Management advice and implications
	* 1. **South Pacific blue shark (*Prionace glauca*)**
			1. Research and information
			2. Provision of scientific information
25. Status and trends
26. Management advice and implications
	* 1. **North Pacific blue shark (*Prionace glauca*)**
			1. Research and information
			2. Provision of scientific information
27. Status and trends
28. Management advice and implications
	* 1. **North Pacific shortfin mako (*Isurus oxyrinchus*)**
			1. Research and information
	1. Review of 2018 North Pacific shortfin mako stock assessment
		1. **Pacific bigeye thresher shark (*Alopias superciliosus*)**
			1. Research and information
			2. Provision of scientific information
29. Status and trends
30. Management advice and implications
	* 1. **Porbeagle shark (*Lamna nasus*)**
			1. Research and information
			2. Provision of scientific information
31. Status and trends
32. Management advice and implications
	* 1. **whale shark ( *Rhincodon typus*)**
			1. Review of research and information
			2. Provision of scientific information
33. Status and trends
34. Management advice and implications
	1. **WCPO billfishes**
		1. **South Pacific swordfish (*Xiphias gladius*)**
			1. Research and information
			2. Provision of scientific information
35. Status and trends
36. Management advice and implications
	* 1. **Southwest Pacific striped marlin (*Kajikia audax*)**
			1. Research and information
			2. Provision of scientific information
37. Status and trends
38. Management advice and implications
	* 1. **North Pacific striped marlin (*Kajikia audax*)**
			1. Research and information
			2. Provision of scientific information
39. Status and trends
40. Management advice and implications
	* 1. **Pacific blue marlin (*Makaira nigricans*)**
			1. Research and information
			2. Provision of scientific information
41. Status and trends
42. Management advice and implications
43. **MANAGEMENT ISSUES THEME**
	1. **Development of harvest strategy framework**
44. Progress of the harvest strategy workplan
45. Target reference points
46. Performance indicators, monitoring strategies and harvest control rules
47. Management Strategy Evaluation (MSE)
48. Other matters
	1. Science and management dialogue
	2. **Limit reference points for WCPFC sharks**
		1. Identifying appropriate limit reference points for elasmobranchs for the WCPFC
	3. **Implementation of CMM 2017-01**
		1. Effectiveness of CMM 2017-01
		2. Management issues related to FADs
		3. FAD tracking
		4. FAD management (FAD-limit per vessel)
49. **ECOSYSTEM AND BYCATCH MITIGATION THEME**
	1. **Ecosystem effects of fishing**
		1. SEAPODYM
		2. Ecosystem indicators
		3. FAD impacts
			1. Research on non-entangling FADs
			2. FAD Research Plan
	2. **Sharks**
		1. Development of a Comprehensive Shark and Ray CMM
		2. Review of conservation and management measures for sharks
			1. CMM 2010-07 (CMM for Sharks)
			2. CMM 2011-04 (CMM for oceanic whitetip shark)
			3. CMM 2012-04 (CMM for protection of whale sharks from purse seine fishing operations)
			4. CMM 2013-08 (CMM for silky sharks)
			5. CMM 2014-05 (CMM for sharks)
		3. Safe release guidelines
		4. Progress of Shark Research Plan
		5. Operational Planning for Shark Biological Data Improvement (SRP Project Sheet Number 5, Attachment I, SC13 Summary Report);
		6. Project 78 (Review of shark data and modelling framework to support stock assessments); and
		7. WCPFC shark post-release mortality tagging studies
	3. **Seabirds**
		1. Review of seabird researches
		2. Review of CMM 2017-03
	4. **Sea turtles**
		1. Review of sea turtle researches
		2. Review of CMM 2008-03
	5. **Bycatch management**
	6. **Other issues**
50. **OTHER RESEARCH PROJECTS**
	1. **West Pacific East Asia Project**
	2. **Pacific Tuna Tagging Project**
	3. **ABNJ (Common Oceans) Tuna Project-Shark and Bycatch Components**
	4. **WCPFC Tissue Bank (Project 35b)**
	5. **Other Projects**
51. **COOPERATION WITH OTHER ORGANISATIONS**
52. **SPECIAL REQUIREMENTS OF DEVELOPING STATES AND PARTICIPATING TERRITORIES**
53. **FUTURE WORK PROGRAM AND BUDGET**
	1. **Review of the Scientific Committee Work Programme**
	2. **Development of the 2019 work programme and budget, and projection of 2020-2021 provisional work programme and indicative budget**
54. **ADMINISTRATIVE MATTERS**
	1. **Future operation of the Scientific Committee**
	2. **Election of Officers of the Scientific Committee**
	3. **Next meeting**
55. **OTHER MATTERS**
56. **ADOPTION OF THE SUMMARY REPORT OF THE FOURTEENTH REGULAR SESSION OF THE SCIENTIFIC COMMITTEE**
57. **CLOSE OF MEETING**

**Attachment 2**

**SC14 Indicative schedule**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Time** | **Sun** | **Mon** | **Tue, 7 August** | **Wed, 8** | **Thu, 9** | **Fri, 10** | **Sat, 11** |
| 0830-1000 |  | EMandER IWG | EMandER IWG | Agenda 1 and A2 | A4. Stock Status (1) | A4. Stock Status (3) | A4. Stock Status (5) |
| 1000-1030 | Morning Break |
| 1030-1200 | A1 and A2 | A4. Stock Status (2) | A4. Stock Status (4) | A4. Stock Status (6) |
| 1200-1330 | 14:00- 15:30Conveners Meeting16:00 – HOD Meeting | Lunch Break |
| 1330-1500 | A3. Data (1) | A6. EB theme (1) | A5. MI theme (1) | A5. MI theme (3) |
| 1500-1530 | Afternoon Break |
| 1530-1730 | A3. Data (2) | A6. EB theme (2) | A5. MI theme (2) | A5. MI theme (4) |
| 1730-1830 |  |  | PTTP (1730-1900) | JTF (1730-1830) |  |
| 1830-2100 |  | Opening Reception |  |
| Time | Sun, 12 | Mon, 13 | Tue, 14 | Wed, 15 | Thu, 16 |  |  |
| 0830-1000 |  | A4. Stock Status (7) | A4. Stock Status (9) | A4. Stock Status-10 | A4. Stock Status-11 |       |      |
| 1000-1030 | Morning Break |
| 1030-1200 | A4. Stock Status (8) | A3. Data (4)  | A5. MI theme (6) | A6. EB theme (6) |
| 1200-1330 | Lunch Break |
| 1330-1500 | A3. Data (3) | A5. MI theme (5) | Agenda 7-12 | A5. MI theme (7) |
| 1500-1530 | Afternoon Break |
| 1530-1730  | A6. EB theme (3)  | A6. EB theme (4) | A6. EB theme (5) | Agenda 7-14 |
| 1800-2100 |  |  |  |  |