2025 SPC Pre-assessment Workshop Agenda (Version 5) 7-11th April, Noumea/ hybrid.

Join Zoom Meeting:
https://spc.zoom.us/j/93041912567?pwd=JWIJ3lmjNrXoHNbl8ESxb2x8wo2ZKb.1

Meeting ID: 930 4191 2567   **Passcode:** 249926

Times are for New Caledonia (UTC+11)

Chair and primary contact: Paul Hamer, paulh@spc.int
Alternate chairs: Graham Pilling, grahamp@spc.int Arni Magnusson arnim@spc.int

Monday 7th April (Sun 6th US)	DAY 1: REVISED 2024 southwest Pacific striped marlin assessment and southwest Pacific swordfish assessment	Presenter initials and presentation number
09:00 – 09:10	**Introduction** • Reminder of TOR and objectives for the SPC preparatory workshop • Agenda and meeting format/procedures • Any other introductory comments	PH
09:10 – 10:30 *Session 1* *(80 mins)*	**2024 southwest Pacific striped marlin assessment - revision** **Background** • 2024 striped marlin assessment recap, SC20 recommendations (15 mins) • Hawaii workshop and workplan (20 mins) • Switch to SS3 (10 mins) • Discussion (15 mins) (Note -there are no new biological information or sex specific data, the input data remains updated to 2022 as per the 2024 assessment)	• CCJ **(P1)** • NDB **(P2)**
10:30 – 11.00	**Morning tea break**	
11.00-12.30 *Session 2* *(90 mins)*	**Data Inputs** • Size data revision (20 mins) • Discussion (10 mins) **CPUE** • CPUE revision (30 mins) • Discussion (30 mins)	• PH **(P3)** • CCJ **(P4)**

12.30-13.30	**Lunch break**	
13.30-14.50 *Session 3* *(80 mins)*	**Modelling** • SS3 - model results so far (20 mins) • Further data/model exploration (10 mins) • Data weighting (10 mins) • Uncertainty characterization – proposed ensemble, model filtering (10 mins) • Discussion (30 mins)	• CCJ **(P5)**
14.50-15.20 *Session 4* *(30 mins)*	**Southwest Pacific Swordfish assessment** **Background** • 2021 SW Pacific swordfish assessment recap, SC17 recommendations (20 mins) • SC20 switch to SS3 (10 mins)	• JD **(P6)**
15.20-15.40	**Afternoon tea break**	
15.40-16.30 Session 5 *(50 mins)*	• Plan for 2025 assessment, areas targeted for improvements/modifications, spatial and fisheries structure (20 mins) • Biology – updates (10 mins) • Discussion (20 mins)	• JD **(P7)**
16.30	**Conclude/wrap-up day 1**	
Tuesday 8th April (Mon 7h US)	**DAY 2: 2025 Southwest Pacific swordfish assessment and WCPO oceanic whitetip shark assessment**	
8.30-10.00 Session 6 *(90 mins)*	**Southwest Pacific swordfish cont.** • Size data (15 mins) • Discussion (15 min) **CPUE** • CPUE workplan (15 mins) • NZ CPUE (15 mins) • Australian CPUE (15 mins) • Discussion (15 mins)	• PH **(P8)** • AM/KK **(P9)** • BF **(P10)** • AW **(P11)**
10:00 – 10.30	Morning tea break	

10.30-12.30 *Session 7* *(120 mins)*	• Swordfish bait-associated bycatch risk (20 mins) **Discussion carryover from previous session (20 mins as needed)** **Model explorations** (80 mins) • Further data/model explorations (20 mins) • Data weighting (10 mins) • Uncertainty characterization – proposed ensemble (20 mins) • Further discussion on swordfish assessment or billfish in general (30 mins)	• YC (**P12**) (scheduled for 12.00-12.30 pm) ● JD **(P13)** ● all
12.30-13.30	Lunch break	
13.30 – 15.00 *Session 8* *(90 mins)*	**WCPO Oceanic whitetip shark assessment** **Background** ● 2019 WCPO Oceanic whitetip shark assessment recap, SC15 recommendations (15 mins) ● Phase 1 recap, SC advice etc. (15 mins) ● Phase 2 assessment plan (15 mins) ● Discussion (20 mins)	• PN/KL **(P14)**
15.00-15.20	**Coffee/tea break (20 mins)**	
15.20-16.30 *Session 9* *(70 mins)*	**Biology-data inputs** ● Biology updates (10 mins) ● Data inputs updates (20 mins) ● Discussion (20 mins) **Modelling** ● Model developments so far (20 mins)	• PN/KL **(P15)** • PN/KL **(P16)**
16.30	**Conclude\wrap up day 2**	
Wednesday 9th April (Tuesday 8th US)	**DAY 3: Finish Oceanic whitetip, 2025 Western and Central Pacific skipjack assessment**	
08.30 – 10.00 *Session 10* *(90 mins)*	• Oceanic whitetip model developments from last assessment – discussion continued (30 mins) • Uncertainty/model ensemble options (15 mins) • Discussion (20 mins)	• PN/KL **(P17)**
10:00 – 10.30	Morning tea break (30 mins)	

10:30 – 12.30 *Session 11* *(120 mins)*	**Western and Central Pacific skipjack assessment**	
	Background ● 2022 Skipjack assessment (10 mins) ● 2023 follow-up diagnostic model - changes compared to 2022 (20 mins) ● Plan for 2025 assessment, areas targeted for improvements/modifications, Spatial and fisheries structure (20 mins) ● Discussion (20 mins)	● TT **(P18)**
	Biology ● Alternative growth curve option (15 min) ● Lorenzen M (10 mins) ● Reproductive biology (10 mins) ● Discussion (15 mins)	● AM/JM **(P19)** ● TT **(P20)**
12:30 – 13.30	Lunch break	
13.30 -15.00 *Session 13* *(90 mins)*	● Japan biological research updates (10 mins) **CPUE** ● Japan pole and line CPUE analysis (20 mins) ● Discussion pole and line (20 mins) ● Free school purse seine CPUE analysis, and Philippines index (20 mins) ● Discussion (20 mins)	● HK **(P20B)** ● MN **(P21)** ● TT **(P22)**
15.00-15.20	**Coffee/tea break (20 mins)**	15.00-15.20
15.20 -16.30 *Session 14* *(70 mins)*	**Research** ● Otolith ageing research (20 mins) ● SEAPODYM (20 mins) ● Discussion (20 mins)	● AA **(P23)** ● IS **(P24)**
16.30	Conclude/wrap up day 3	PH
Thursday 10th April	**DAY 4: MFCL, next gen tuna model-MFCL succession, skipjack assessment continued**	

(Wed 9th US)		
08.30-10.00 *Session 15* *(80 mins)*	• Continue CPUE discussion - 30 mins • MFCL development updates and 2025 work (30 mins) • WCPFC next gen tuna model/MFCL succession project (project 123) - update (10 mins) • Discussion (10 mins)	• ND (**P25**) • AM (**P26**)
10:00 – 10.30	Morning tea break	
10.30-12.30 *Session 16* *(120 mins)*	**Skipjack continued…** **Data inputs** • Size data (20 mins) • Discussion (10 mins)	• TT (**P27**)
	Tagging data • Tag data summary, tagger effects updates, tag seeding/reporting rates (20 mins) • External tag analysis – mention DTU workshop • Discussion (20 mins)	• JS (**P28**)
	• Tag mixing modelling (20 mins) • Discussion (20 mins)	• JS (**P29**)
12.30-13.30	Lunch break	
13.30-14.10 *Session 17* *(40 mins)* *Will need more time*	**Modelling** • Estimation of effort creep in the Japan pole and line fishery- update (10 min) • Effort creep modelling experiments (20 mins) • Discussion, potential scenarios for assessment (20 mins)	• MN (**P30**) • KK (**P31**)
14.10-15.00 *Session 18* *(50 mins)*	**Modelling** • Orthogonal polynomial recruitment trials (20 mins) • Discussion (10 mins) • Model explorations so far (20 mins)	• JH/TT (**P32**)
15.00-15.20	Afternoon coffee/tea break (20 mins)	

15.20-16.30 Session 18 (70 mins)	• Model explorations/sensitivities (30 mins) • Uncertainty characterization (30 mins)	• **TT/all (P33)**
16.30	Conclude/wrap up day 4	
	BBQ starts 6 pm	
Friday 11ʰ April (Wed 10th US)	**DAY 5: MSE/Harvest strategies, follow-up on previous discussions as needed.** **9.00 am start**	
9.00 – 10.00 *Session 19* *(60 mins)*	**MSE/HS update** • 2025 workplan snapshot (15 mins, + 5mins questions) • Skipjack MP estimation method (10 mins) • Discussion **Skipjack MP future proofing** • Pole and line CPUE (30 mins) • Discussion (10 mins)	• RS **(P34/36)** • NY **(P35)**
10:00 – 10.30	Morning tea break	
10.30-12.30	• Discussion (20 mins)	
	Mixed fishery MSE development • Mixed fishery MSE architecture • Albacore MSE work for 2025 towards MP adoption in 2025 (20 mins) • Discussion • Developing a simple OM/data simulator for yellowfin and bigeye (20 mins) • Discussion (20 mins)	• FS **(P37/39)** • RS/FS **(P38)**
	• Close Kin Mark Recapture progress update (10 min)	• GA **(P40)**
12.30-13.30	Lunch break	

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13.30 – 15.00	**Reopen discussion on assessments** • Skipjack • Southwest Pacific striped marlin • Southwest Pacific swordfish • WCPO Oceanic whitetip shark	
15.00-15.20	Afternoon coffee/tea break (20 mins)	
	If needed	
15.30	**End – Wrap up**	

PH Paul Hamer, AM Arni Magnusson, CCJ Claudio Castillo Jordan, ND Nick Davies, JD Jemery Day, TT Thom Teears, RS Rob Scott, FS Finlay Scott, TP Tom Peatman, NY Nan Yao, PN Philipp Neubauer, JS Joe Scutt Phillips, JH John Hampton, AA Allen Andrews, GP Graham Pilling, IS Inna Senina, JM Jed Macdonald, Giulia Anderson GA, KK Kyuhan Kim, AW Ashley Williams, BF Brit Finucci, MN Makoto Nishimoto, NDB Nicholas Ducharme Barth YC Yi-Jay Chang