



ANNEX 14

*25th Meeting of the
International Scientific Committee for Tuna
and Tuna-Like Species in the North Pacific Ocean
Busan, Republic of Korea
June 17-20, 2025*

REPORT OF THE STATWG WORKSHOP

June 2025

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REPORT OF THE STATISTICS WORKING GROUP

International Scientific Committee for Tunas and Tuna-like Species in the North Pacific Ocean

1 Opening of Meeting

The Statistics Working Group (STATWG) meeting was held June 16, 2025 prior to the 25th meeting of the ISC Plenary. The STATWG vice-chair, Kirara Nishikawa, opened the meeting and welcomed participants from Canada, Korea, Japan, USA, and WCPFC. The STATWG welcomed Takahiro Irie as the new Webmaster (WM). The adopted agenda is attached as Appendix 1.

2 ISC24 Recommendations and Updates

The vice-chair reviewed the ISC action plan. All work items except for the stock assessment file archive were completed. The ISC WEB old software package could not accept the large file size. The stock assessment file from PBFWG was submitted to the DA, however, the file has not been archived in the database yet.

The ISC 24 recommendations included:

1. The DA to distribute the ISC data inventory to ISC Data Correspondents for review by September 30, 2024 and to Species WG Chairs by October 15, 2024
2. The DA to publish the ISC data inventory on the ISC website by October 31, 2024;
3. The DA to archive PBF and SMA assessment files from all 2023-2024 ISC assessments.
4. Metadata for national fisheries updated and published by DA on ISC researcher's website by August 31, 2024.
5. STATWG Chair to organize training on Open Science tools and lead the development of governance for the application and use of "Open Science" within the ISC.
6. STATWG Steering Group to conduct an intersessional meeting in January 2025 to complete its work plan (format, location and dates to be determined).
7. Conduct a half-day meeting prior to ISC25.

3 Data Submission Overview

3.1 Data submission status

The DA reviewed the status of the submissions of Category I total catch and effort by species and gear, II catch by gear, area, and month, and III size data by month and species, the metadata, and the stock assessment output files. The 2025 Data Report Card for Category I, II, and III data is shown in Table 1. Table 2 shows the breakdown of the data submissions by data category (I, II, III), country, and gear. Table 3 shows the breakdown of Category I catch, I effort, II, and III by country, year, and gear. The data were all submitted by June 1 this year and were registered on time with the exception of China, who did not contribute data and Mexico, who did not submit CAT III data. The DA noted that there are still some outstanding discrepancies between the data and national reports that are currently being investigated.

3.2 Data reporting issues by country

China did not submit data to the ISC again in 2025 but the data for the Chinese fleets can be obtained from the Inter-American Tropical Tuna Commission (IATTC) and the Western and Central Pacific Fisheries Commission (WCPFC), as per the MOU between ISC and these RFMOs. All the Member countries with the exception of Mexico CAT III, submitted their data

by the due date.

3.3 Metadata Report review and update

The metadata report card is shown in Table 4. The DA reviewed the metadata submission by member countries. All submissions were received on time in 2025. The metadata is scheduled to be published on August 1, 2025.

3.4 Stock Assessment file archive

The DA presented the status of submission of stock assessment files that are due to be submitted by November 1 each year (Table 4). Due to the old software, the ISC WEB could not accept the large file size for the archive. DA keeps the PBF stock assessment files, and the files will be uploaded after the database revision. The participants raised the question of should the ISC also archive the MSE files. All of the MSE files have large file sizes (over 1TB), however, the input data files are smaller than the whole files. The WG decided to archive the input data of MSE files from ALB and PBF. The BILLWG reported that as part of the NC request on the feasibility of providing an MSE for NP SWO, they included a request for funding computing resources and file storage.

4 Website

The WM presented the status of updates of the ISC website. The WM also presented a new format for the ISC website. The URL for this site would be circulated to STATWG participants. The e-mail address of the new Webmaster would be distributed to the ISC Species WG chairs. There was a request for ISC members to provide photos or information they would like to have included in the revised website.

5 ISC Open science

The BILLWG Chair, Michelle Sculley, reviewed the successful multi-day hands-on Open Science training that was led by ISC members. These training sessions were provided to both the BILLWG and SHARKWG in conjunction with their workgroup meetings in 2024. The organizers received positive feedback for these training sessions and plan to incorporate suggestions from participants into future training sessions. Some of the key feedback included the usefulness of git in collaborations although there remains a steep learning curve for some of the new technical programs covered in the training. It was also noted that the hybrid approach to training was a challenge given the need for hands-on troubleshooting for new users. The training materials will all be made available to ISC members and more training sessions will be available to members that could not attend the initial sessions. The STATWG recommended that the BILLWG chair present the results of the open science training sessions to the ISC25 Plenary.

6 Wrap up and recommendations for the Plenary

The vice-chair introduced the draft recommendations for the plenary meeting. The STATWG members agreed and developed the following work plan for 2025-2026:

1. The DA will continue to distribute the ISC data inventory for Category I, II, and III to ISC Data Correspondents for review by September 30, 2025. The DA will then distribute the ISC data inventory to Chairs of the species WG by October 15, and publish it on the ISC website by October 31, 2025.

2. After the Data Correspondents have reviewed and updated their metadata prior to the ISC25 Plenary, this metadata will be published on the ISC researcher's website by August 31, 2025. For 2024-2025, the DA will continue to distribute the WG member's new metadata by March 30, 2026. The Data Correspondents will review and update their new metadata by June 1, 2026 prior to the ISC26 Plenary, and this new metadata will be published on the ISC researcher's website by August 31, 2026.
3. The DA will archive PBF and ALB MSE input files.
4. The DA and the Chair of the STATWG will annually review the responsibilities, duties and deliverables of the DA to ensure that they are accurate and practical, and revise them as necessary.
5. The STATWG Steering Group will hold an intersessional meeting or conference call/webinar January 2026, if needed.

8. Update of Organization Chart

The organization chart of the STATWG (Appendix 2) was reviewed and updated.

Table 1: Data Report Card for Category I, II, III

Data submission status in 2025				
Member	CAT Ic	CAT Ie	CAT II	CAT III
CAN				
CHN				
JPN				
KOR				
MEX				
TWN				
USA				



On Time

Not Provided

TWN is Chinese Taipei, USA is United States of America

Table 2. Status of 2025 ISC data submission by data category, country and gear.

Submitted in 2025 (by 2025/06/13)																
Country	Category	Gear														
		FPN	GN	GND	HAR	LH	LLD	LP	LTR	LX	MIS	NK	PS	RG	TX	
CAN	1c								☒							
	1e								☒							
	2								☒							
	3								☒							
CHN	1c															
	1e															
	2															
	3															
JPN	1c	☒		☒			☒	☒	☒		☒	☒	☒			
	1e						☒	☒	☒				☒			
	2						☒	☒					☒			
	3						☒	☒								
KOR	1c	☒					☒						☒		☒	
	1e						☒						☒			
	2						☒						☒		☒	
	3	☒					☒						☒		☒	
MEX	1c										☒		☒	☒		
	1e										☒		☒	☒		
	2												☒			
	3															
TWN	1c	☒	☒		☒		☒				☒		☒			
	1e						☒						☒			
	2						☒						☒			
	3						☒						☒			
USA	1c			☒	☒	☒	☒		☒	☒	☒		☒	☒		
	1e			☒	☒	☒	☒		☒	☒			☒			
	2			☒	☒		☒		☒		☒			☒		
	3						☒		☒					☒		

ISC Gear Codes*

Code	Gear	Name	LX	Hook-and-line	Hooks and lines (not specified)
FPN	Set-net	Stationary uncovered pound nets	MIS	Other gears	Miscellaneous gear
GND	Gill-net	Driftnets	NK	Not specified	Gear not known or not specified
GN	Gill-net	Unspecified Gill-net	PS	Purse-seine	Supporting nets with purse lines (purse-seine)
HAR	Harpoon	Harpoons	RG	Sport	Recreational fishing gears
LH**	Handline	Handline gear	TX	Trawl	Trawl (not specified)
LLD	Longline	Drifting longlines			
LP**	Pole-and-line	Pole-and-line			
LTR	Troll	Trolling lines			

* FAO 1999. Definition and classification of fishing gear categories. FAO Fish. Tec. Pap. 222 Rev.1.
 ** IATTC code.

Table 3. Status of submission of 2022-2024 data, by data category (1c,1e, 2, 3), country and gear.

Year	Country	Category	Gear													
			FPN	GN	GND	HAR	LH	LLD	LP	LTR	LX	MIS	NK	PS	RG	TX
2022	CAN	1c								☐						
2023	CAN	1c								☐						
2024	CAN	1c								☐						
2022	CHN	1c														
2023	CHN	1c														
2024	CHN	1c														
2022	JPN	1c	☐		☐			☐	☐	☐		☐	☐	☐		
2023	JPN	1c	☐		☐			☐	☐	☐		☐	☐	☐		
2024	JPN	1c	☐		☐			☐	☐	☐		☐	☐	☐		
2022	KOR	1c	☐					☐						☐		☐
2023	KOR	1c	☐					☐						☐		☐
2024	KOR	1c	☐					☐						☐		☐
2022	MEX	1c												☐		
2023	MEX	1c										☐		☐		
2024	MEX	1c										☐		☐	☐	
2022	TWN	1c	☐	☐		☐		☐				☐		☐		
2023	TWN	1c	☐	☐		☐		☐				☐		☐		
2024	TWN	1c	☐	☐		☐		☐				☐		☐		
2022	USA	1c			☐	☐	☐	☐		☐	☐	☐		☐	☐	
2023	USA	1c			☐	☐	☐	☐		☐	☐	☐		☐	☐	
2024	USA	1c			☐	☐	☐	☐		☐	☐	☐		☐	☐	

Table 3. Category 1e continued.

Year	Country	Category	Gear													
			FPN	GN	GND	HAR	LH	LLD	LP	LTR	LX	MIS	NK	PS	RG	TX
2022	CAN	1e														
2023	CAN	1e														
2024	CAN	1e														
2022	CHN	1e														
2023	CHN	1e														
2024	CHN	1e														
2022	JPN	1e														
2023	JPN	1e														
2024	JPN	1e														
2022	KOR	1e														
2023	KOR	1e														
2024	KOR	1e														
2022	MEX	1e														
2023	MEX	1e														
2024	MEX	1e														
2022	TWN	1e														
2023	TWN	1e														
2024	TWN	1e														
2022	USA	1e														
2023	USA	1e														
2024	USA	1e														

Table 3. Category 2.

Table 3: Category 2:

Year	Country	Category	Gear														
			FPN	GN	GND	HAR	LH	LLD	LP	LTR	LX	MIS	NK	PS	RG	TX	
2022	CAN	2									☒						
2023	CAN	2									☒						
2024	CAN	2									☒						
2022	CHN	2															
2023	CHN	2															
2024	CHN	2															
2022	JPN	2								☒	☒				☒		
2023	JPN	2								☒	☒				☒		
2024	JPN	2								☒	☒				☒		
2022	KOR	2								☒					☒		
2023	KOR	2								☒					☒		
2024	KOR	2								☒					☒	☒	
2022	MEX	2													☒		
2023	MEX	2											☒		☒		
2024	MEX	2													☒		
2022	TWN	2								☒					☒		
2023	TWN	2								☒					☒		
2024	TWN	2								☒					☒		
2022	USA	2				☒				☒		☒	☒		☒	☒	
2023	USA	2				☒		☒		☒		☒	☒		☒	☒	
2024	USA	2				☒		☒		☒		☒	☒		☒	☒	

Table 3. Category 3.

Year	Country	Category	Gear													
			FPN	GN	GND	HAR	LH	LLD	LP	LTR	LX	MIS	NK	PS	RG	TX
2022	CAN	3									☒					
2023	CAN	3									☒					
2024	CAN	3									☒					
2022	CHN	3														
2023	CHN	3														
2024	CHN	3														
2022	JPN	3							☒	☒						
2023	JPN	3							☒	☒						
2024	JPN	3							☒	☒						
2022	KOR	3							☒					☒		
2023	KOR	3							☒					☒		☒
2024	KOR	3	☒						☒					☒		☒
2022	MEX	3												☒		
2023	MEX	3												☒		
2024	MEX	3												☒		
2022	TWN	3							☒					☒		
2023	TWN	3							☒					☒		
2024	TWN	3							☒					☒		
2022	USA	3							☒		☒					☒
2023	USA	3							☒		☒					☒
2024	USA	3							☒		☒					☒

Table 4: The data submission status of stock assessment files by the ISC species Working Groups from 2020 to 2024.

	ALBWG	BILLWG			PBFWG	SHARKWG	
	ALB	SWO	MLS	BUM	PBF	BSH	SMA
2021	MSE						Indicator
2022							
2023							
2024							
2025					MSE		
	Stock assessment was done, and stock assessment files will be archived.						
	Stock assessment was done, and stock assessment files were submitted.						

Appendix 1
STATWG 2025 Meeting Agenda

**TWENTY-FIFTH MEETING OF THE INTERNATIONAL SCIENTIFIC
COMMITTEE ON TUNA AND TUNA-LIKE SPECIES IN THE NORTH PACIFIC OCEAN**

STATISTICS WORKING GROUP

June 16, 2025
Busan, Republic of Korea

- 1 Opening
 - 1.1 Roll call and introduction
 - 1.2 Adoption of the draft agenda
- 2 ISC24 STATWG - updates on workplan and Plenary recommendations
- 3 Data submission Overview
 - 3.1 Data report card
 - 3.2 Data reporting issues by country
 - 3.3 Metadata Report review and update
 - 3.4 Stock Assessment file archive
- 4 ISC WEB revision plan
- 5 Website
- 6 ISC Open science
- 7 Wrap up and recommendations for the Plenary

Appendix 2

Organization chart

Roll	Country	Name
Chair	Chair	Jenny Suter
Vice chair/DA	Vice chair/DA	Kirara Nishikawa
Webmaster	Webmaster	Takahiro Irie
Data Correspondents	Canada	Sarah Hawkshaw
Data Correspondents	Chinese Taipei	Weijen Wang
Data Correspondents	Japan	Keisuke Satoh
Data Correspondents	Korea	Heewon Park
Data Correspondents	Mexico	Michel Dreyfus
Data Correspondents	United States of America	Yuhong Gu
ALBWG chair	Canada	Sarah Hawkshaw
ALBWG DM		-
BILLWG chair	United States of America	Michelle Sculley
BILLWG DM		-
PBFWG chair	Japan	Shuya Nakatsuka
PBFWG DM	Japan	Hiromu Fukuda
SHARKWG chair	United States of America	Michael Kinney
SHARKWG DM	Japan	Yasuko Semba
WCPFC	WCPFC	SungKwon Soh