

# 2024 Workplan

TDW 18  
9<sup>th</sup> April 2024

# SPC Systems portfolio

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**TUFMAN2**



**ER APPS**




**INTERNAL  
APPLICATIONS**

# TUFMAN2

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- New ACE module
- New E-Monitoring module
- New observer e-debriefing form
- New carrier observer form
- Purse seine observer regional standard implemented
- Decommissioning of o2auth

# ACE – No more Excel

TUFMAN 2 | Logsheets ▾ | Observer ▾ | EM ▾ | Port ▾ | Artisanal ▾ | Cannery ▾ | VMS ▾ | Tagging ▾ | Training ▾ | Reports | ACE ▾ | Ref tables ▾ | Security ▾ | Logs ▾ | Tools ▾ | Help ▾ |  | brunod@sp...

Annual Catches Estimation / View

## ▼ TO - Longline - 2023

Instructions

1- National fleet

2- Missing logsheets

3- Vessel Composition

4- Logsheets

5- Observer

6- Summaries

7- Calculation methods

8- Catch estimates

9- Extra info

Step by step estimation method - Move through each step by running the report mentioned below and then generate each table on the following tabs

### 1- National fleet

Check your National Fleet vessel list

Make sure all vessels in your fleet(s) appear in these reports and check on other vessels that should not be in your fleet(s)

[Go to tab](#)

### 2- Missing logsheets

Chase for missing logsheets

Ensure ALL logsheets have been provided to you for the year studied. This should be achieved before you complete and submit your PART 1 report at the end of June

[Go to tab](#)

### 3- Vessel Composition

Go to the vessel composition tab and run the report by clicking on the "Get data" button. Fill-in your vessel count by size class

[Go to tab](#)

# New EM module

Sets				Analysis					Analysts								
Set #	Start date	Start time	Method	Start date	Start time	End date	End time	Not analysed re...	EM analyst 1	EM anal...	Reviewer 1	Reviewe...					
2	15 Jan 2022	18:00	1 Human-only										+ More...	Catches	Set logs	Events	
3	16 Jan 2022	17:42	1 Human-only										+ More...	Catches	Set logs	Events	
4	18 Jan 2022	17:32	1 Human-only										+ More...	Catches	Set logs	Events	
5	19 Jan 2022	17:44	1 Human-only										+ More...	Catches	Set logs	Events	
Catch																	
Catch date	Catch time	Snap date	Snap time	Method	Hook #	Species	Length	Length code	Fate	Latitude	Longitude	EEZ					
20 Jan 2022	23:13			1 Human-only	8	ALB	98		RWW Retained - whole	1353.718S	17520.208E	[F]	+ More...		Events		
20 Jan 2022	23:58			1 Human-only	18	ALB	89		RWW Retained - whole	1351.516S	17522.944E	[F]	+ More...		Events		
20 Jan 2022	23:58			1 Human-only	19	ALB	94		RWW Retained - whole	1351.516S	17522.944E	[F]	+ More...		Events		
20 Jan 2022	23:58			1 Human-only	20	PLS			DSO Discarded - rejecte	1351.516S	17522.944E	[F]	+ More...		Events		
20 Jan 2022	15:23			1 Human-only	18	PLS			DUS Discarded - undesir	1406.288S	17454.312E	[F]	+ More...		Events		
20 Jan 2022	15:30			1 Human-only	5	PLS			DSO Discarded - rejecte	1406.018S	17454.684E	[F]	+ More...		Events		
20 Jan 2022	15:42			1 Human-only	2	GBA	105		RWW Retained - whole	1405.700S	17455.242E	[F]	+ More...		Events		
20 Jan 2022	15:53			1 Human-only	16	ALX			DSO Discarded - rejecte	1404.962S	17456.370E	[F]	+ More...		Events		
20 Jan 2022	16:20			1 Human-only	9	BSH			DCF Discarded - line cut	1404.296S	17457.552E	[F]	+ More...		Events		
20 Jan 2022	16:22			1 Human-only	20	WAH	124		RGG Retained - gilled ar	1404.296S	17457.552E	[F]	+ More...		Events		
20 Jan 2022	16:32			1 Human-only	19	PLS			DSO Discarded - rejecte	1403.990S	17458.086E	[F]	+ More...		Events		
20 Jan 2022	16:36			1 Human-only	14	YFT	115		RGT Retained - gilled gu	1403.726S	17458.632E	[F]	+ More...		Events		
20 Jan 2022	16:57			1 Human-only	3	UNS			DCF Discarded - line cut	1403.012S	17459.826E	[F]	+ More...		Events		
20 Jan 2022	17:00			1 Human-only	16	PLS			DSO Discarded - rejecte	1403.012S	17459.826E	[F]	+ More...		Events		
20 Jan 2022	17:17			1 Human-only	11	ALB	88		RWW Retained - whole	1402.466S	17500.858E	[F]	+ More...		Events		
20 Jan 2022	17:17			1 Human-only	13	ALX			DSO Discarded - rejecte	1402.466S	17500.858E	[F]	+ More...		Events		
20 Jan 2022	17:21			1 Human-only	5	PLS			DSO Discarded - rejecte	1402.466S	17500.858E	[F]	+ More...		Events		

# EM Json Standard

## JSON formatted DCC Longline EM Minimum Data Fields Standard

Data fields description and data transmission procedures

[View on GitHub](#)

### JSON formatted DCC Longline EM Minimum Data Fields Standard

This is the draft version presented at the 12th Data Collection Committee (DCC 12, 13 December 2022).

The Draft DCC Longline EM minimum data field standards (version DCC-November 2020) are available to SPC/FFA member countries to use when embarking on trials or implementation of E-Monitoring (EM) for longline vessels licensed to operate in PICTs EEZ waters (and adjacent waters). These standards should be provided to the EM technical provider to ensure the minimum data fields specified here are generated from the EM system, according to the EM Protocol notes provided. These standards are in draft format and will be reviewed from time to time (Latest version: November 2020).

This JSON Standard is based on these Draft DCC Longline EM minimum data fields standard. With a clearly explained format plus additional data fields which ensure a better understanding of the context of the EM records' analysis as well as improving the Data Quality Control processes. The

# Observer e-debriefing form

Data entry		Summary		
Section	Field	Answer	Section total	Score
Header details	Observer name			0/5
	Observer trip ID #			0/5
	Vessel name			0/5
	Page numbers	0		0/5
SUP-2 workbook reference form	Observer programme details			0/1
	Special projects			0/1
	Forms management	0		0/1
PS-1 (page 1)	Data submitted			0/1
	Observer programme			0/2
	Observer name and nationality			0/2
	Observer trip ID #			0/1
	Trip start and end locations			0/2
	Trip start (ship's date and time)			0/2
	Trip end (ship's date and time)			0/2
	Vessel name			0/2
	Fishing permits/licence #s			0/3
	Vessel departure port and date			0/2
	Vessel owner			0/2
	Country registration #			0/2
	IRCS and flag			0/1
	UVI			0/1
Length and GT/GRT			0/2	

# Carrier observer form

Transshipments													Catch and Weight of Product Transshipped (kg)					
Start	Time	End	End time	Off. vessel name	Off. obse...	Obsv provider	Latitude	Longitude	Total	Num / hour	Weight / h...		Species	State	Kgs	Weight code		
07 Dec 2023	04:10	07 Dec 2023	12:00	DONG YU 1537			1949.000S	12511.000W	80054	915	10707							
30 Nov 2023	22:00	01 Dec 2023	07:30	DONG YU 1535			1909.000S	12919.000W	97571	812	12191		ALB	FZ Frozen	160	WW Whole weight		
06 Dec 2023	21:50	07 Dec 2023	03:30	DONG YU 1536			1951.000S	12503.000W	70247	900	11707		BET	FZ Frozen	42779	GG Gilled and gutte		
01 Dec 2023	22:10	02 Dec 2023	09:00	DONG YU 1537			2000.000S	12812.000W	108405	750	10840		YFT	FZ Frozen	6883	GG Gilled and gutte		
26 Nov 2023	01:50	26 Nov 2023	06:30	DONG YU 1538			0949.000S	14617.000W	60044	545	10917		SWO	FZ Frozen	4575	GX Gutted, headed		
26 Nov 2023	06:10	26 Nov 2023	10:30	DONG YU 1538			0946.000S	14623.000W	49149	540	10922		MLS	FZ Frozen	1591	GG Gilled and gutte		
18 Nov 2023	01:25	18 Nov 2023	09:30	DONG YU 1538			0205.000S	17323.000W	99490	585	11704		UNS	FZ Frozen	4056			
20 Dec 2023	01:25	20 Dec 2023	10:30	PING TAI RONG 310			2030.000S	11552.000W	91716	679	10190							
19 Dec 2023	02:15	19 Dec 2023	08:30	PING TAI RONG 310			2003.000S	11650.000W	77929	650	9741							
08 Dec 2023	00:45	09 Dec 2023	07:30	PING TAI RONG 310			2019.000S	12354.000W	70360	900	10360							
02 Dec 2023	22:10	02 Dec 2023	11:30	PING TAI RONG 310			2000.000S	12812.000W	159469	950	12266							
17 Dec 2023	22:10	18 Dec 2023	08:00	PING TAI RONG 310			1958.000S	11700.000W	78212	601	7821							
16 Dec 2023	22:15	17 Dec 2023	13:30	PING TAI RONG 310			1958.000S	11658.000W	84717	434	5647		Weight already on board Receiving Vessel					
21 Dec 2023	21:10	22 Dec 2023	07:30	DONG YU 1537			2049.000S	11400.000W	94063	640	9406		Species	WCPFC	IATTC	EEZ	Overlap	
20 Dec 2023	22:10	21 Dec 2023	08:30	DONG YU 1537			2046.000S	11502.000W	93554	623	9355		ALB			2100	1265	
19 Nov 2023	07:00	19 Nov 2023	14:00	XIN SHI 1105			0201.000S	17315.000W	91773	655	13110		BET			237486	4679	
19 Nov 2023	01:45	19 Nov 2023	06:30	XIN SHI 1105			0207.000S	17324.000W	60200	594	12000		YFT			58076	3833	
17 Nov 2023	03:30	17 Nov 2023	09:00	XIN SHI 1105			0211.000S	17426.000W	87307	833	16473		SWO			12011	784	
14 Dec 2023	23:45	15 Dec 2023	08:00	XIN SHI 1105			1956.000S	11821.000W	84000	866	10400							



# Purse seine observer Json Standard

## Purse Seine Observer JSON Standard

Data fields description and data transmission procedures

[View on GitHub](#)

### Purse Seine Observer JSON Standard

Version	Date	Current
1.0.0	19/07/2023	✓

This protocol is intended for software developers to develop applications for allowing tuna longline fishing vessels operating in the Western and central Pacific Ocean (WCPO) to electronically submit (using .JSON format) their catch and effort data to the regional observer database system TUFMAN2 administered by the Pacific Community (SPC) on behalf of member countries. Please check with the respective national fisheries authority to confirm if, and how, this protocol applies to the licenced fishing vessels.

This protocol contains two components:

1. **Data fields description** This component describes the data fields which need to be populated and provides examples.

# Bye-bye O2Auth

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Dorado Login

 Sign in using Google

Sign in with your SPC account

[Forgot your password?](#)

# SPC ER applications

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# TAILS

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To be  
integrated in  
IKASAVEA

# ONBOARD

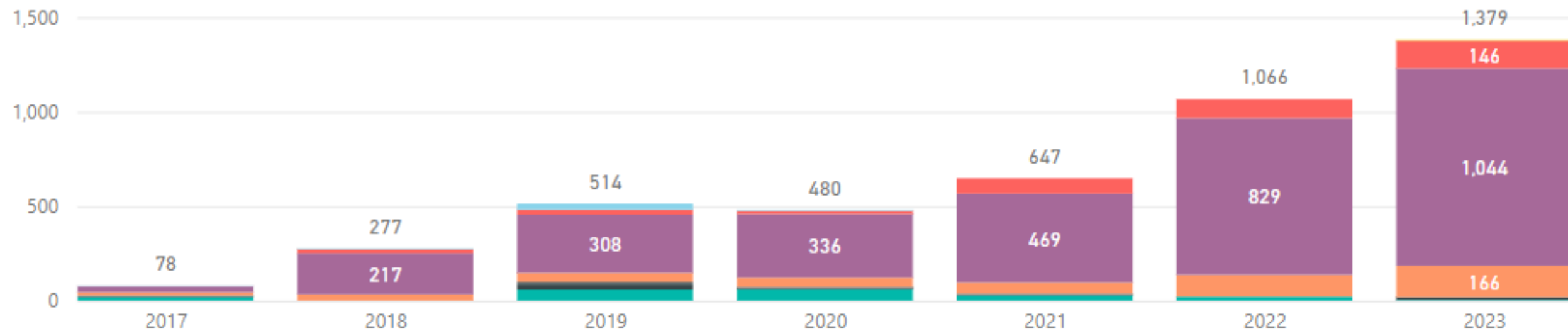
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Soon 5,000!  
Soon 100,000!

# ONBOARD

Instance Source ● CK ● FJ ● FM ● NC ● PF ● TO ● VU ● WS



# ONSHORE

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More  
biosampling  
ready

# OLLO

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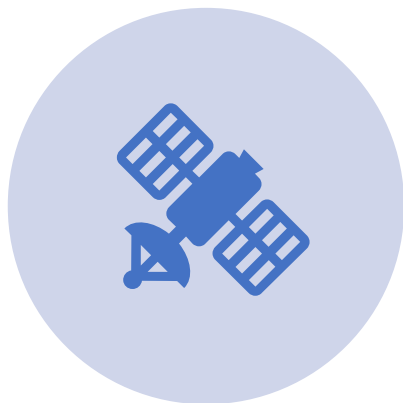
Big release to  
come



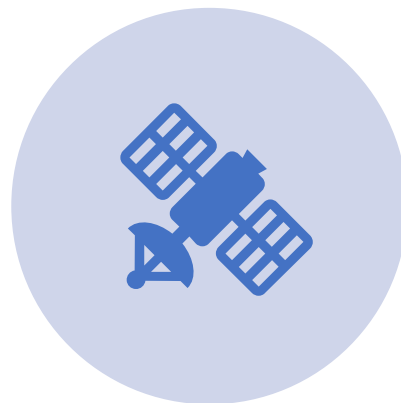


# Internal applications

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**VMS PIPE**



**FAD PIPE**



**MD2**

# Thank you

Questions