Observer and Debriefing Module in TUFMAN2 (T2)

PIRFO Debriefer's Workshop

SPC Headquarters
18th – 22nd November 2019
Noumea, New Caledonia

PIRFO

Presentation Outline

- Overview of the Observer and Debriefing Modules in T2

- Design and functionalities of T2

- Current and Future Developments
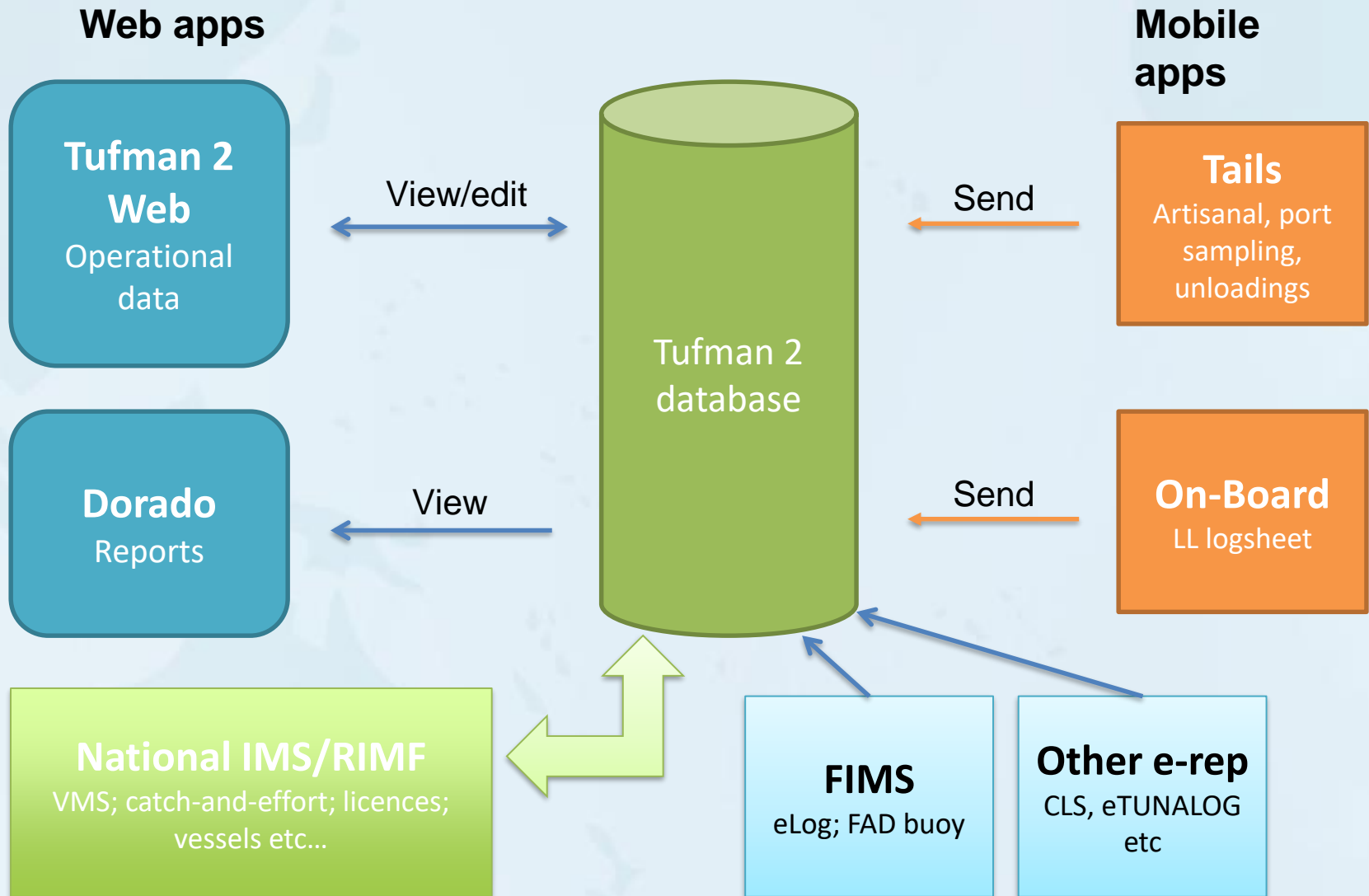
- T2 Demo

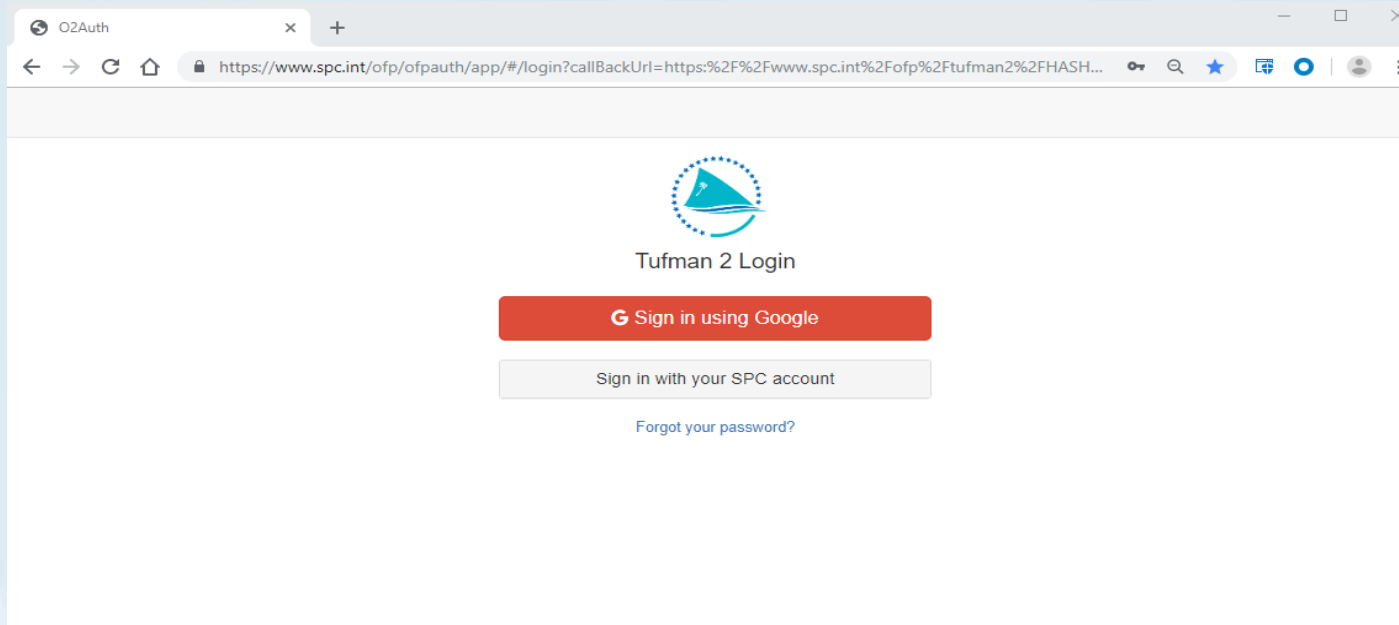# What is TUFMAN2 (T2)?

"**Observer and Debriefing Modules in T2**"

❑ Database system developed by SPC-OFP for entering all fisheries data such as log-sheets data, observer data, port sampling data, cannery data and artisanal data, as well linking these datasets to the VMS data and other Reference datasets

❑ Currently used in production – SPC and its members, WCPFC and FFA are using T2

T2 System Architecture

Web apps

Mobile apps

Tufman 2 Web
Operational data

Dorado
Reports

Tufman 2 database

Tails
Artisanal, port sampling, unloadings

On-Board
LL logsheet

View/edit

View

Send

Send

National IMS/RIMF
VMS; catch-and-effort; licences; vessels etc…

FIMS
eLog; FAD buoy

Other e-rep
CLS, eTUNALOG etc

TUFMAN2 System

- Login into TUFMAN2

- Using your SPC account or Google Gmail account

Observer Module

Add/Edit/Delete Record

- Click on EDIT button to view and edit a trip record
- Click on DELETE (red bin icon) to delete a trip record

Data Field Format and Control Checks

Warning and errors

– All data field format and control checks in T2 are highlight for the DCTs to fixed all data issues before closing the trip

Observer Trips are linked to other datasets

Other fisheries datasets such as;

- VMS trip track
- Log-sheet data
- Unloading data
- Cannery data
- Port Sampling
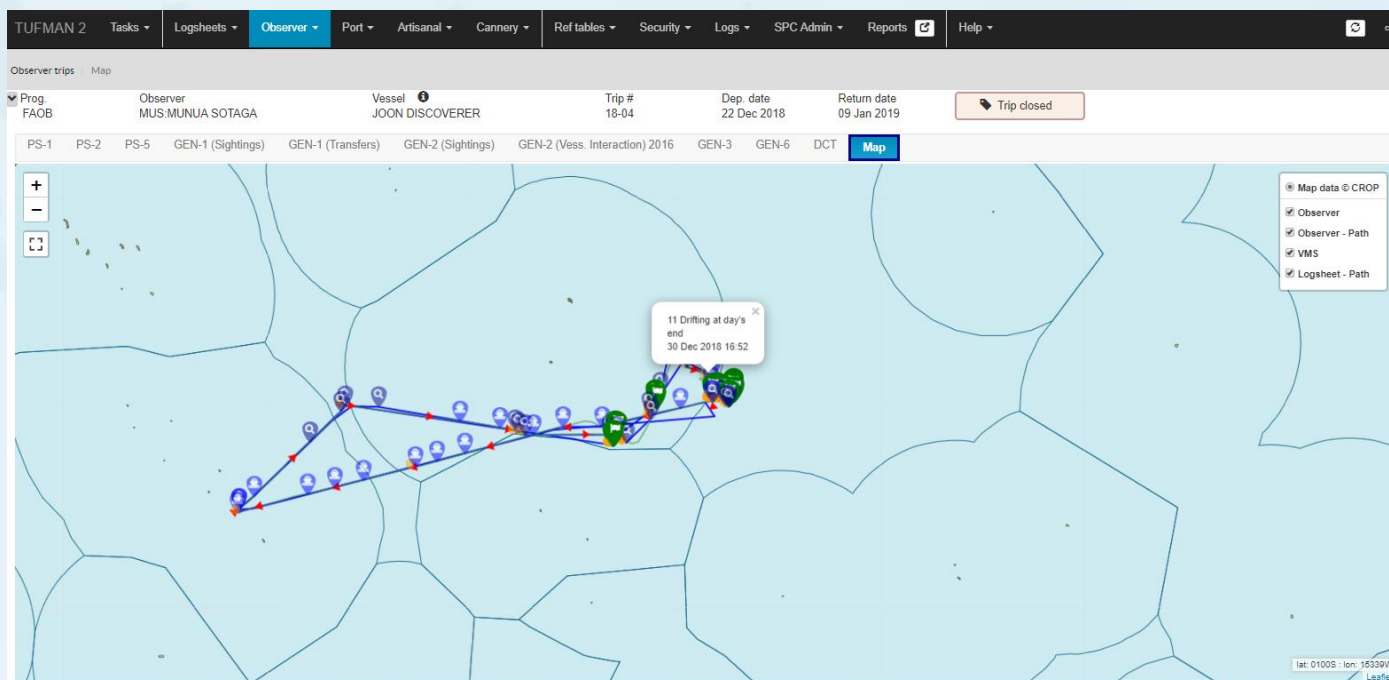
Debriefing Module

- All versions supported
- Automatic link between debriefing and workbook data
- Jump to the observer data from the debriefing module using Links

Tufman2 - Data entry

- Questions score and ordering based on the form version
- Shortcut for fast data entry
- Auto-calculation of scores

Page #	Field	Answer	Extra info	Score
12	PS-1 page 2: a complete set	Cc ▼		1/1
	Total possible storage	Cc		3/3
		Inc		
	Crew: captain	InR		2/2
	Master	Er		1/1
		ErR		
	Officers	X		1/1
	Crew	Cc		1/1
	Comments	Cc		2/2
	Total # of crew	Cc		2/2
	Waste disposal: Y/N	ErR		0/1
	Description	Cc		2/2
	Safety equipment: lifejacket provided and suitable s	Cc		1/1
	Lifejacket available	Cc		1/1
	# of lifebuoys/rings	Cc		1/1

Answer entry | Totals entry | Score check | Summary

Tufman2 - Data Quality Check

- Crosscheck T2 calculation with debriefers calculation
- Errors will be highlighted if scores don't match

Tufman2 – Score check

Section	Field	Answer	Score	Max score	View data in trip
All forms - header details	**All forms - header details**: observer name	Cc	5	5	🔍 Go to...
	Observer trip ID #	Cc	5	5	🔍 Go to...
	Vessel name	Cc	5	5	🔍 Go to...
	Page numbers	Cc	5	5	
	TOTAL		20	20	
SUP-2 workbook reference form	**SUP-2 workbook**: observer programme deta	Cc	1	1	
	Special projects	Cc	1	1	
	Forms management	Cc	1	1	
	TOTAL		3	3	
PS-1 (page 1)	**PS-1**: a complete set	Cc	2	2	
	Observer programme	Cc	2	2	🔍 Go to...
	Observer name and nationality	Cc	2	2	🔍 Go to...
	Observer trip ID #	Cc	1	1	
	Trip start and end locations	Cc	2	2	🔍 Go to...
	Trip start (ship's date and time)	Cc	2	2	🔍 Go to...
	Trip end (ship's date and time)	Cc	2	2	🔍 Go to...

Answer entry   Totals entry   **Score check**   Summary

Tufman2 - Summary

	Score	Percentage
Answer entry Totals entry Score check **Summary**		
All forms - header details	20/20	100.0%
Total score (PS forms 1 to 5)	316/320	98.8%
GEN and tag recovery forms	103/142	72.5%
Data forms total score	439/482	91.1%
Written report score	34/64	53.1%
Journal score	30/36	83.3%
Data presentation/submission	21/21	100.0%
TOTAL SCORE	524/603	86.9%

Current and Future Developments

- Upgrade to TUFMAN2 with new User Interface (UI)

- Integrate TUFMAN2 to other systems such as FFA OPM (Observer Placements Management System)

- SPC-OFP DCTs continue to enter the debriefing data in T2 using the Debriefing Module

- Trials on On-board LL observer data collection

- Rolling out TUFMAN2 to national programmes who have adequate resources to enter their own observer data

Thank You!