

# E-reporting tools for sustainable fishing in the Pacific

## Introducing OnBoard, OLLO, and OnShore

### Summary

This article discusses the suite of e-reporting tools developed by SPC, designed to revolutionise data collection to ensure sustainable fishing practices in the Pacific. The suite consists of three apps: OnBoard, for collecting logsheet data from longline vessel captains; OLLO, for observers on longline vessels; and OnShore, for collecting port sampling data. These apps are available in multiple languages and enable efficient data collection. SPC updates the apps regularly based on feedback and provides training and support for transitioning to a paperless reporting system.





## Onboard

OnBoard, part of the suite of e-reporting tools developed by SPC, is a versatile tool for collecting logsheet data from longline vessels fishing in the Western and Central Pacific Ocean (WCPO). Operating on Android and available in multiple languages, including English, French and Chinese, the app makes data collection a breeze. Captains can easily

input daily vessel activities, including fishing positions, species and numbers of fish caught. All data is transmitted at the end of the trip to the cloud-based system TUFMAN2, where it can be viewed by the fishing company and edited by the fishing licencing authority.



## OLLO

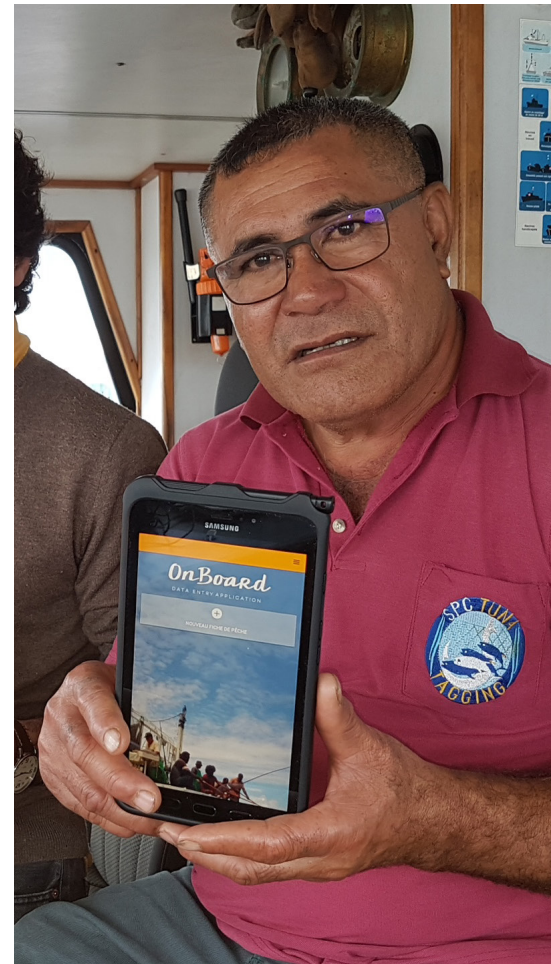
OLLO, another app in the SPC suite, is designed specifically for observers monitoring longline vessels in the WCPO, as an alternative to the paper observer workbook. OLLO is available on ruggedised tablets and enables offline data collection at sea. It has been endorsed by several senior observers and includes data quality checks to ensure

greater accuracy. When observers return to port, their data is uploaded to TUFMAN2. The app is regularly updated based on observer feedback and data collection requirements. SPC also provides training and support to observer programmes as they transition to a paperless system.



## Onshore

OnShore is the perfect solution for collecting port sampling data from commercial vessels fishing in the WCPO. As an alternative to the paper form, OnShore makes it easy for port officers to collect species, length, and weight data, ensuring the accuracy and quality of the information collected. OnShore was specifically designed to cope with the speed required to measure the fishes without disturbing the unloading process. It can also collect biological samples which are highly important for SPC's scientific mission.



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