

Tom Evans

From: Craig Heberer [REDACTED]
Sent: 03 March 2022 19:10
To: Hall, Matthew
Cc: Tom Evans; Iain Pollard; Kat Collinson; Ben Gilmer; Mark Zimring; Ana Nadal; biodax
Subject: Launch of French Polynesia LL EM Project

Howdy Matt, hope all is well.

Just a quick courtesy email to let you know that our cooperative longline EM Project in French Polynesia has officially launched with five domestic LL vessels either having received installs of Satlink's Nano EM system or will have received them by this Friday. Tom confirmed that three of the five vessels that received the EM gear are part of the SKC FIP ([REDACTED]). Yooahoo!

I spent time in country last week with Ana Nadal our TNC Project Manager and Charles Daxboeck (Dax) our in country TNC consultant assisting with the first two installs and participating in information meetings with the various project partners including DRM, vessel owners, captains, base managers, and staff from Assystems (a marine electronics distributor and vessel servicing company based in Papeete that Satlink has teamed up with for this project). Additional on-the-vessel meetings with the fishing masters and base managers have taken place clearly outlining roles and responsibilities including requests to haul the branchlines with catch as close to the vessel as possible to minimize trailing gear for those species to be released and to give the EM camera array ample opportunity to record to species level if possible.

We are in coordination with Anne Marie at DRM in regards to boarding an observer on each project vessel at the appropriate time to collect data for a comparative assessment of the EM systems and performance. We will have one trip from each vessel covered in this manner with 100% of the fishing effort analyzed by DOS versus the 20% of randomly selected sets that will be analyzed when no observer onboard.

The cooperation from all project partners has been tremendous including stellar support by Anne Marie and her team and prospects are high for a successful project. TNC has helped underwrite the costs and provided project management and logistics assistance including the video review and data annotation elements to be delivered by Digital Observer Services. One of the unique aspects of this project will be uploading of the randomly selected sets from each trip to DOS headquarters in Bilbao, Spain where their EM analysts will conduct remote reviews. This will be a project first in regards to moving away from removing and shipping hard drives which has been logistically challenging and costly in our projects to date.

All of the equipment will be donated to our partner at DRM at the conclusion of the project for use as they see fit.

If you have any questions or clarifications we'd be happy to address them at your convenience.

Best Regards
Craig, Ana, and Dax (TNC Team)



Pic 1: Anne Marie of DRM addressing participants at the informational meeting Pic 2: Dax briefing a fishing captain Pic 3: Ana demonstrating the position of 2 of the 4 Satlink cameras installed on each vessel