



VMS – Logsheet Reconciliation Exercise

First TUFMAN Tuna Data Workshop (TTDW-1)
3-7 December 2012
SPC, Noumea, New Caledonia



Purpose of the exercise



- Use the VMS – Logsheet reconciliation Report to
 - Request missing logsheet to fishing companies
 - See the differences in terms of catches before and after entering missing logsheets

- Each source of data is independent and brings more information to ensure good statistics and good decisions at both national and regional level

- In theory, data sources should match exactly
 - Logsheet catches and unloading count should match on a trip
 - Logsheet, Observer and VMS positions should match for a trip
 - Annual catch estimates for a particular EEZ and the sum of catches from logsheet for the same EEZ

Step 1. Run the Report - Answers



- Run the VMS Logsheet Reconciliation Report, for Taiwanese Purse Seine Fleet logsheets in 2011

- How many logsheet are missing?

How many logsheet are missing?	24
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- Fill the table below with the catches and the raised catches?

	SKJ	YFT	BET	ALB	BUM	BLM	MLS	SWO
Write the catches computed from logsheet	29834.88	4384.2	86.6	0	71.5	0.07	0	0.13
Write the reached catches based on VMS reconciliation	34807.36	5114.9	101	0	83.4	0.08	0	0.15

Step 2. Map with Fishing Companies



- Using the vessel – fishing company mapping table, map the list of trip with the fishing companies using a vlookup in Excel
- How many fishing companies should be contacted to fill the gaps of logsheet?

How many different fishing companies should be contacted to fill the gaps?

- Fill the table below with the fishing companies and number of missing logsheet?

Write fishing company names and the number of missing logsheet for each	Company name	Number of missing logsheet

Step 2. Map with Fishing Companies - Answers



- Using the vessel – fishing company mapping table, map the list of trip with the fishing companies using a vlookup in Excel
- How many fishing companies should be contacted to fill the gaps of logsheet?

How many different fishing companies should be contacted to fill the gaps?	2
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- Fill the table below with the catches and the raised catches?

Write fishing company names and the number of missing logsheet for each	Company name	Number of missing logsheet
	TW Company 70	13
	TW Company 67	11

Step 3. Request the missing logsheet



- Generate one Excel file for each fishing company with the missing logsheet and write a message to be sent to the fishing company
- Close TUFMAN so that logsheet can be loaded automatically on the back end
- Run again the reconciliation report
- Fill the new catches
- Voila !

Step 3. Request the missing logsheet – Answers



- Catches after missing logsheet request

	SKJ	YFT	BET	ALB	BUM	BLM	MLS	SWO
Write the catches computed from logsheet	33600.22	5437.4	90.6	0	71.7	0.12	0	0.19
Write the reached catches based on VMS reconciliation	33600.22	5437.4	90.6	0	71.7	0.12	0	0.19

- Catches before missing logsheet request

	SKJ	YFT	BET	ALB	BUM	BLM	MLS	SWO
Write the catches computed from logsheet	29834.88	4384.2	86.6	0	71.5	0.07	0	0.13
Write the reached catches based on VMS reconciliation	34807.36	5114.9	101	0	83.4	0.08	0	0.15

- Raised missing logsheet resulted in an over-evaluation of catches
- The better the coverage, the less the catches must be raised, the best is the catch estimation