

First TUFMAN Training Workshop (TTW-1)
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Session 8.0

Reports

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INTRODUCTION

TUFMAN offers users a number of pre-formatted reports to help them account for the data that has been entered into the database. These reports are all accessed from the 'Reports' button on the main TUFMAN menu.

Reports can be produced in two different formats .

- A nicely formatted PDF version, which can be used directly in written reports and ;
- An Excel format which can be used to further manipulate the report layout or data

Things to know before you start

Run post entry processing – the first step in reporting

To ensure that the data is up-to-date and fully linked you are advised to always run post-entry processing before you produce any reports. The processing can take a while, especially if new data has been running, so leave time to do this. Luckily TUFMAN is set up in a way that should remind users with at the top of the reports sub-menu.

The screenshot displays the 'REPORTS' menu in the TUFMAN system. The 'Post-entry Processing' option is highlighted with a red border. The menu items listed on the left are: Post-entry Processing, Catch / Effort, Licensing, Mapping, WCPFC, Data Quality / Coverage, NTDC Administration, Compliance / Surveillance, Position Reports, Custom Reports, Vessel Data Lookup, VMS, and Return to Main Menu. The main content area shows three columns of processing jobs:

- Linking Processes**
 - Generate Links from licenses to other data types
 - Generate Links from NATIONAL FLEET to other data types
 - Generate Links amongst data types for LONGLINE gear
 - Generate Links amongst data types for PURSE SEINE gear
 - Generate Links amongst data types for POLE-AND-LINE gear
- Generate estimates**
 - Estimate catches where missing in logsheet data
 - Estimate hooks where missing in logsheet data
 - Raise catches in logsheets from unloadings data
 - Generate Trips Coverage data
- Miscellaneous**
 - Update the sub-area code for reports

At the bottom center, there is a large red button labeled **RUN ALL PROCESSING JOBS**.

Reports Sub-menu

There are 11 different sub-menus in TUFMAN.

In this session we will cover

- Catch and Effort
- WCPFC
- NTDC Administration
- Compliance Surveillance
- Position Reports
- Vessel Data Lookup

The following report **sub-menus** are not covered.

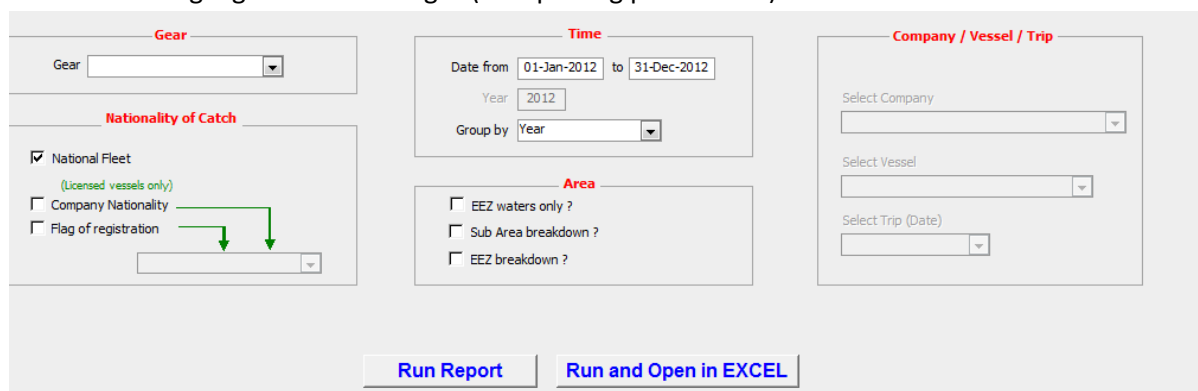
- **Custom Reports** are reports that are done for individual countries (a catch effort report for a special maritime zone for instance). These are not covered in this review
- **Mapping** – please see the mapping guide
- **VMS** – please see session the VMS guide.



Reporting Data Parameters

Select the range of data you want to report on. For instance; which gear type, fleet, dates and fishing area. For some reports you will also be asked to choose the fishing company or vessel name.

TUMFAN will highlight the data ranges (or reporting parameters) that must be filled in.



Gear

Gear

Nationality of Catch

National Fleet
(Licensed vessels only)

Company Nationality

Flag of registration

Time

Date from 01-Jan-2012 to 31-Dec-2012

Year 2012

Group by Year

Area

EEZ waters only ?

Sub Area breakdown ?

EEZ breakdown ?

Company / Vessel / Trip

Select Company

Select Vessel

Select Trip (Date)

[Run Report](#) [Run and Open in EXCEL](#)

Notes on the data parameters

TIME – Group by

When Year is selected TUFMAN will report the data for the whole year

When 'Month' is selected TUFMAN will report the data for every month

When Quarter is selected TUFMAN will report the data for every quarter (i.e. January – March etc)

AREA

When EEZ Area is selected TUFMAN will report the data for the home EEZ only

Sub Area Breakdown is selected TUFMAN will report the data for specific areas. This is not relevant for most countries but Kiribati uses it for its three main island areas.

EEZ Breakdown is selected TUFMAN will report the data for every EEZ that the vessel was fishing in.

Catch and Effort Reports

Report list

- 1 Catch statistics for TUNA species by date range (Source : Logsheets)
- 2 Catch statistics for ALL species (Source : Logsheets)
- 3 Catch statistics by Company (Source : Logsheets)
- 4 Unloaded Catch - TUNA species
- 5 Unloaded Catch - ALL species (Longline)
- 6 Unloadings by Market destination and species
- 7 Nominal Catch rates for TUNA species
- 8 Vessel Trip catches by species and set
- 9 Annual Vessel Trip Report (Source : Logsheets)
- 10 End of Month Logsheet Incoming Log
- 11 Reconciled Catch from Logsheets and Unloadings
- 12 Catch Estimates by Broad Ocean Areas
- 13 Catch statistics for TUNA species by year (Source : Logsheets)
- 14 Annual Vessel Catch for Home EEZ only

Gear	Time	Company / Vessel / Trip
Gear <input type="text"/>	Date from <input type="text" value="01-Jan-2012"/> to <input type="text" value="31-Dec-2012"/> Year <input type="text" value="2012"/> Group by <input type="text" value="Year"/>	Select Company <input type="text"/> Select Vessel <input type="text"/> Select Trip (Date) <input type="text"/>
Nationality of Catch	Area	
<input checked="" type="checkbox"/> National Fleet (Licensed vessels only) <input type="checkbox"/> Company Nationality <input type="checkbox"/> Flag of registration	<input type="checkbox"/> EEZ waters only ? <input type="checkbox"/> Sub Area breakdown ? <input type="checkbox"/> EEZ breakdown ?	
<input type="button" value="Run Report"/>		<input type="button" value="Run and Open in EXCEL"/>

Catch and Effort Report 1

Title: Catch Statistics for TUNA species by date range (Source -logsheets)

What does this report look like?

Longline

Catch and Effort Statistics for the longline fishery				... for waters inside and outside the EEZ From 01-Jan-2012 to 31-Dec-2012									
LEGEND : MT - Metric tonnes; CPUE - Number per 100 hooks				Federated States of Micronesia (National Fleet)									
Note that coverage of logsheet data may not be 100%				ALBACORE		BIGEYE		YELLOWFIN		OTHERS	TOTAL		
Period	No. of Vessels	No. of Trips	100s of Hooks	MT	CPUE	MT	CPUE	MT	CPUE	MT	MT	CPUE	
2012	13	60	10,887.0	0.0	0.0	145.9	0.4	32.1	0.1	19.1	197.2	0.6	
			10,887.0	0.0	0.0	145.9	0.4	32.1	0.1	19.1	197.2	0.6	

Purse seine

Catch and Effort Statistics for the Purse seine fishery				for waters inside and outside the EEZ From 01-Jan-2012 to 31-Dec-2012									
LEGEND : MT - Metric tonnes; CPUE - MT per Day				Federated States of Micronesia (National Fleet)									
Note that coverage of logsheet data may not be 100%				SKIPJACK		YELLOWFIN		BIGEYE		OTHERS	TOTAL		
Period	No. of Vessels	No. of Trips	Days	MT	CPUE	MT	CPUE	MT	CPUE	MT	MT	CPUE	
2012	3	16	375.0	5,270.6	14.1	474.2	1.3	0.0	0.0	9.5	5,754.3	15.3	
			375.0	5,270.6	14.1	474.2	1.3	0.0	0.0	9.5	5,754.3	15.3	

Report description

This report summarises the catch and effort data entered from LOGSHEETS into TUFMAN. The user would normally select this report when they want to obtain aggregated LOGSHEET catches and effort for a fleet over a discrete time period (for example, year, quarter or month).

It is important to note that the catches and effort in this report may not represent 100% coverage since all logsheets may not have been provided and processed. There are other reports in this system that will provide an indication of the logsheet coverage.

The report shows the number of active vessels, the total effort either total number of hook (LL) and total number of days (PS and PL). The total tonnage for the main tuna species are shown as is the catch per unit effort.

Note that this report supports the breakdown of catch and effort by SUBAREA and by EEZ. The SUBAREA breakdown only applies to those countries that have specifically requested a division of your country's EEZ into sub areas in the TUFMAN system. The report can be limited to catch within your EEZ by selecting the appropriate Area parameter.

Things you should know and check before using this report.

- The source of the data is collected and entered logsheets, so logsheet collection and entry should be up-to-date. Note that the coverage of the logsheets may not be 100%. You should use the appropriate reconciliation reports to identify and try to resolve some of the data gaps before producing this report.
- The catch in weight data in this report has been raised from available unloading data, so unloadings data should be entered and the respective TUFMAN Post-entry processing option which run before producing this report.
- Logsheets should be linked to the national fleet or licence, depending on the 'nationality of catch' option selected, so the licensing and national fleet information should be up-to-date and linked using the appropriate post-entry processing options.

What is this report useful for?

This report is probably the most frequently produced catch and effort reports in TUFMAN. It is a universally acceptable way of presenting reliable information on the state and trends of your tuna fishery, and for calculating catch estimates for your zone. The report can be used to brief Ministers, heads of departments, the WCPFC scientific committee (SC), consultants, or during access negotiations to present reliable catch and effort information in an acceptable format.

Similar reports

Catch and Effort Report #2 also extracts individual species catch and not just catch for tuna species

Catch and Effort Report #3 is similar in format, but is broken down at the company level.

Catch and Effort report #7. This report only shows the catch per unit values.

Catch and Effort Report 2

Title: Catch Statistics for ALL species (Source - logsheets)

What does this report look like?

Longline

Catch Statistics for the longline fishery (All Species) for waters inside and outside the EEZ		Note that coverage of logsheet data may not be 100%			
		From 01-Jan-2012 to 31-Dec-2012			
LEGEND: MT - Metric tonnes, CPUE - Kg per 100 hooks, NPUE - Number per 100 hooks		Federated States of Micronesia (National Fleet)			
Peribd	Species Name	SPECIES			
		MT	CPUE	NPUE	AVG Wt
2012					
	BIGEYE	145.929	13.4	0.4	34.2
	YELLOWFIN	32.119	3.0	0.1	24.3
	BLUE MARLIN	6.950	0.6	0.0	35.5
	BLACK MARLIN	3.640	0.3	0.0	34.3
	MAHI MAHI / DOLPHINFISH /	2.034	0.2	0.0	4.7
	OPAH / MOONFISH	1.960	0.2	0.0	30.6
	WAHOO	1.904	0.2	0.0	5.3
	WORDFISH	1.035	0.1	0.0	38.3
	SHARKS (UNIDENTIFIED)	0.958	0.1	0.0	10.2
	UNSPECIFIED	0.531	0.0	0.0	11.8
	SKIPJACK	0.098	0.0	0.0	4.5
	OILFISH	0.021	0.0	0.0	10.5
	ALBACORE	0.020	0.0	0.0	20.0
2012		197.2	0.0	0.0	

Purse seine

Catch Statistics for the longline fishery (All Species) for waters inside and outside the EEZ		Note that coverage of logsheet data may not be 100%		
		From 01-Jan-2012 to 31-Dec-2012		
LEGEND: MT - Metric tonnes, CPUE - MT per day, NPUE - Number per day		Federated States of Micronesia (National Fleet)		
Peribd	Species Name	SPECIES		
		MT	CPUE	NPUE
2012				
	BLUE MARLIN	1.2	0.003	0.0
	MACKEREL (UNIDENTIFIED)	0.1	0.000	0.0
	MACKEREL SCAD / SABA	2.3	0.006	0.0
	MAHI MAHI / DOLPHINFISH /	0.6	0.002	0.0
	OCEANIC TRIGGERFISH (UNI	0.0	0.000	0.0
	OTHER FISH	0.6	0.002	0.0
	RAINBOW RUNNER	0.9	0.002	0.0
	SHARKS (UNIDENTIFIED)	0.8	0.002	0.0
	SKIPJACK	5,270.6	14.055	0.0
	WAHOO	1.9	0.005	0.0
	YELLOWFIN	474.2	1.265	0.0
	YELLOWTAIL SCAD	1.1	0.003	0.0
2012		5,754.3	1.180	0.0

Report description

This report is similar to the first report, but it gives more information about the non-target species and no effort statistics. The total weight and the catch per unit effort for all species recorded on the logsheets are shown. The report gives a good idea of the amount and the type of by-catch species that are being caught. The report shows the total tonnage for the main tuna species, as is the catch per unit effort, numbers per unit effort, and average weight.

As with all reports using logsheet data as the source, it is important to note that the catches and effort in this report may not represent 100% coverage since all logsheets may not have been provided and processed.

Note that this report supports the breakdown of catch and effort by SUBAREA and by EEZ. The SUBAREA breakdown only applies to those countries that have specifically requested a division of your country's EEZ into sub areas in the TUFMAN system. The report can be limited to catch within your EEZ by selecting the appropriate Area parameter.

What is this report useful for?

This report is used when you want information about by-catch. As with report number 1 it can be used to calculate catch estimates for your zone, can be used to brief Ministers, heads of departments, the WCPFC scientific committee (SC), consultants, or during access negotiations to present reliable catch and effort information in an acceptable format.

Things you should know and check before using this report.

- The source of the data is collected and entered logsheets, so logsheet collection and entry should be up-to-date. Note that the coverage of the logsheets may not be 100%. You should use the appropriate reconciliation reports to identify and try to resolve some of the data gaps before producing this report.
- The catch in weight data in this report has been raised from available unloading data, so unloadings data should be entered and the respective TUFMAN Post-entry processing option which run before producing this report.
- Logsheets should be linked to the national fleet or licence, depending on the 'nationality of catch' option selected, so the licensing and national fleet information should be up-to-date and linked using the appropriate post-entry processing options.
- Fishers may not record all hooked species on their logsheets. Fleets may have different degrees of reporting non-target species. Some may be happy to record commercially valuable bycatch, while others will only record the target species. You need to work with the fishing fleets to improve their reporting of non-target species.

Catch and Effort Report 3

Title: Catch Statistics by Company (Source Logsheets)

What does this report look like?

Catch Statistics for the Longline fishery by Company												
LEGEND : MT - Metric tonnes; CPUE - Number per 100 hooks												
for waters inside and outside the EEZ From 01-Jan-2012 to 31-Dec-2012												
Note that coverage of logsheet data may not be 100%												
Federated States of Micronesia (National Fleet)												
Period	No. of Vessels	No. of Trips	100s of Hooks	ALBACORE		BIGEYE		YELLOWFIN		OTHERS	TOTAL	
				MT	CPUE	MT	CPUE	MT	CPUE	MT	MT	CPUE
SUBAREA :												
2012	13	60	10,887.0	0.0	0.0	145.7	0.4	32.1	0.1	19.1	196.9	0.6
			10,887.0	0.0	0.0	145.7	0.4	32.1	0.1	19.1	196.9	0.6

Report description

This report is exactly the same as report number 1 except that it is broken down by company/association for the licensed fleet, or by national fleet. See the report description for report 1 for more details.

What is this report useful for?

This report is more for internal use, unlike report 1. You could use it as briefs for access negotiations to review a company/associations historical catch, or as a data quality tool to compare the catch in TUFMAN to catch summaries provided by the company.

Things you should know and check for before using this report.

See the notes on “Things you should know and check” for report 1.

Similar reports.

None

Catch and Effort Report 4

Title: Unloaded Catch - TUNA species

What does this report look like?

Unloadings for the Longline fishery											
LEGEND: EXP - Metric tonne exported; OTH - Metric tonnes for the local market or the local cannery											
From 01-Jan-2011 to 31-Dec-2011											
Federated States of Micronesia (National Fleet)											
Note that coverage of Unloadings data may not be 100%											
Period	No. of Unloadings	ALBACORE		BIGEYE		YELLOWFIN		OTHERS		TOTAL	
		EXP	OTH	EXP	OTH	EXP	OTH	EXP	OTH	EXP	OTH
2011	14	0.0	0.3	21.6	1.3	13.6	8.9	0.4	5.8	35.6	16.4
	14	0.0	0.3	21.6	1.3	13.6	8.9	0.4	5.8	35.6	16.4

Report description

This report shows the verified unloaded weights for tuna species (verified weights are actual weighed values for longline catches and the confirmed signed mate's receipt weights for PS). The report shows the number of unloadings and weight unloaded for the main tuna species, including 'others' and total catch unloaded. For longline, the weight by species is broken down to weight by species destined for export markets, and weight by species destined for other (cannery or local) markets.

What is this report useful for?

This report is helpful if you are interested in the total weight of tuna that has been unloaded. (This might be important if you impose a transshipment fee based on the total unloaded weight for instance). The report can be useful to refer to before access negotiations as it will give you a good idea of how much the vessels are catching. The weight values shown in this reports are more reliable than the weights shown in catch and effort reports 1 and 2 for instance, as these reports use logsheet weights which are generally only visual estimates.

Things you should know and check for before using this report.

- The source of the data is collected and entered unloading data, so these need to be collected and entered.

- The coverage of the unloading data may not be 100%. You should use the appropriate reconciliation report to identify and to try and resolve some of the data gaps before producing this report.
- For longline vessels it is important that you check that all of the unloading catch is accounted for and not just the exported fish.

Similar reports

- Catch and effort report #5 gives a more comprehensive data for non-target species.

Catch and Effort Report 5

Title: Unloaded Catch – All species (longline)

What does this report look like?

Unloadings for the Longline fishery (All Species)			
From 01-Jan-2011 to 31-Dec-2011			
Federated States of Micronesia (National Fleet)			
LEGEND : EXP - Metric tonnes reported; OTH - Metric tonnes for the local market or cannery			
Note that coverage of Unloadings data may not be 100%			
Perbd	Species Name	SPECIES Catch	
		EXP	OTH
2011			
	BIGEYE	21.6	1.3
	YELLOWFIN	13.6	8.9
	SWORDFISH	0.2	0.3
	BLUE MARLIN	0.1	2.3
	STRIPED MARLIN	0.1	0.0
	WAHOO	0.0	1.1
	MAHI MAHI / DOLPHINFISH /	0.0	1.4
	BLACK MARLIN	0.0	0.7
	ALBACORE	0.0	0.3
		35.6	16.4

Report description

This report is very similar to report number 4 except that it shows the verified unloaded weights for all recorded species, not just tuna species. The report shows the weight unloaded by species, and is broken down to the weight by species destined for export markets, and weight by species destined for other (cannery or local) markets. This report is only available for longline.

What is this report useful for?

This report shows the actual weighed amount of all species that were unloaded, not just tuna. This report is useful if you are interested in the weight all species that were unloaded, not just the target species. This type of information gives a good summary of the type of species that are being landed by all vessels. The report can give you a good idea of the amount and type of species that are

exported and also the amount and type of species that are sold locally. More detailed reports on the non-target species are available elsewhere.

Things you should know and check for before using this report.

- The source of the data is collected and entered unloadings data, so these should be collected and entered.
- The coverage of the unloading data may not be 100%. You should use the appropriate reconciliation report to identify and to try and resolve some of the data gaps before producing this report.
- For longline vessels it is important that you check that all of the unloading catch is accounted for and not just the exported fish for instance.
- The data will only show all the species that have been unloaded. Generally this will only be the commercially valuable species. It is unlikely that this report will not show all of the hooked or all bycatch species, unless 100% unloading of all catch is required by the licence.

Similar reports

Catch and effort report #4 gives the unloaded weight for target species only.

Catch and Effort Report 6

Title: Unloading by Market Destination and Species

What does this report look like?

Monthly Unloadings by Market destination and Species			From 01-Jan-2011 to 31-Dec-2011												Federated States of Micronesia (National Fleet)											
Year 2011																										
Market / destination	Species		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC												
EXPORT	OTHER	BET	6.578	6.763	4.475			3.782																		
	OTHER	YFT	7.743	3.706	1.76			0.392																		
	OTHER	zOTH	0.03	0.083	0.03			0.233																		
LOCAL		ALB		0.024				0.279																		
		BET	0.198	0.251	0.274			0.591																		
		YFT	3.77	1.866	1.603			1.706																		
		zOTH	2.227	1.86	1.176			0.759																		

Report description

This report is only available for longline, and shows the monthly unloadings amounts for the main target species, and other species combined, by market destination. It will show the unloaded catch for all export markets, if you have more than one, and for 'other' markets which includes canneries and the local market.

What is this report useful for?

This report is useful for calculating the market value of the catch. This can be helpful if you want to find out if the fishery is commercially viable or profitable. The total weight by species which was sent to different fish markets each month is shown. With this information the final value of the fish can be calculated if required. The report can also highlight changes in the marketing of the fish, which may in turn draw your attention to any targeting practices by the vessels.

Things you should know and check for before using this report.

- This report is for longline gear only.

- The source of the data is collected and entered unloadings data, so these need to be collected and entered.
- The fishing company fills in this information and you need to have confidence in their records. The information can be cross checked with port sampling data.
- The coverage of the unloadings data may not be 100%. You should use the appropriate reconciliation reports to identify and to try and resolve some of the data gaps before producing this report.
- Check that all of the unloading catch is being recorded by the fishing company and not just the exported fish.
- The report may not show the very final destination of the fish. The fish may be re-sold further along the marketing chain.
- Unloadings data should be cross-checked with port sampling data. Use the reconciliation reports.

Similar reports

- Catch and Effort report #5 gives a summary of the weights of fish by species that have been exported.

Catch and Effort Report 7

Title: Nominal Catch rates for TUNA Species

What does this report look like?

Nominal Catch rates for Tuna Species - Longline fishery				From 01-Jan-2011 to 31-Dec-2011
... for waters inside and outside the EEZ				Federated States of Micronesia (National Fleet)
Note that coverage of logsheet data may not be 100%				
	ALB CPUE	BET CPUE	YFT CPUE	
2011	0.00	0.19	0.30	4,715.0

Report description

This report shows the catch per unit effort for the main tuna species over time. This is presented as CPUE for the main species, and the total catch of all of the species in the far right column.

What is this report useful for?

This report is useful when you want to look at changes or trends in catch rates. Generally, this type of information is required by scientists or consultants who use the information to assess the catch rates or trends in the fishery. This information may also be required by your superiors or other members of your staff to provide a description or an overview of the fishery. It is better to view this report visually by sending the output to Excel and graphing the results.

Things you should know and check for before using this report.

- The source of the data is collected and entered logsheets, so these need to have been collected and entered.

- The coverage of the logsheets may not be 100%. You should use the appropriate reconciliation report to identify and try to resolve some of the data gaps before producing this report.
- The logsheet weight data has been raised from available unloading data.

Similar reports

Catch and Effort Report #1 also provides the catch rates.

Catch and Effort Report 8

Title: Vessel Trip Catches by Species and Set

What does this report look like?

Vessel Trip Catch by Set and Species for		CN VESSEL 31211 23/09/2007 - 1/10/2007																
Date	Set Time	Position / EEZ	ALB No. ALB KG	BET No. BET KG	YFT No. YFT KG	SHK No. SHK KG	MLS No. MLS KG	BUM No. BUM KG	BLM No. BLM KG	SWO No. SWO KG	SFA No. SFA KG	SSP No. SSP KG	LAG No. LAG KG	OIL No. OIL KG	DOL No. DOL KG	WAH No. WAH KG	OTH No. OTH KG	
23/09/2007	10:00	0410N 13900E IW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0 Hooks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24/09/2007	10:00	0335N 13907E IW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0 Hooks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26/09/2007	10:00	0717N 13827E Feder	0	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0
		720 Hooks	0	120	70	0	0	0	0	0	0	0	0	0	0	0	0	0
27/09/2007	10:30	0713N 13840E Feder	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0
		700 Hooks	0	0	60	0	0	0	0	0	0	0	0	0	0	0	0	0
28/09/2007	18:00	0759N 13844E Feder	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
		700 Hooks	0	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0
29/09/2007	10:30	0842N 13838E Feder	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
		700 Hooks	0	0	40	0	0	0	0	0	0	0	0	0	0	0	0	0
30/09/2007	10:40	0857N 13829E Feder	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
		700 Hooks	0	0	40	0	0	0	0	0	0	0	0	0	0	0	0	0
1/10/2007	10:30	0904N 13820E Feder	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0
		630 Hooks	0	0	80	0	0	0	0	0	0	0	0	0	0	0	0	0
4,390			0	4	14	0	0	0	0	0	0	0	0	0	0	0	0	0
			0	120	315	0	0	0	0	0	0	0	0	0	0	0	0	0

Report description

This report will show the main set details for a single trip made by a vessel. For longline, for each set the set date, set time, position, EEZ, number of hooks, and catch by species are shown. For purse seine you will see the set date and time, position, EEZ, activity code, school type, and catch by species. The report shows the vessel name, trip dates, and trip totals by species.

What is this report useful for?

This report is for internal use and monitoring, when you need to verify the details of a vessel's trip. It could be used to look for errors in the catch by set if the trip catch varies a lot from the unloading catch, for example.

Things you should know and check for before using this report.

This report will only contain useful data if logsheet sets are entered, not logsheet totals only. If you enter set details as 'EEZ only', then the sets outside of your zone will be displayed but the catch by species will be shown as 0.

Similar reports

None

Catch and Effort Report 9

Title: Annual Vessel Trip Report (Source Logsheets)

What does this report look like?

Annual LONGLINE Vessel Trip Report
 LEGEND : MT - Metric tonnes; CPUE - Number per 100 hooks

From 01-Jan-2011 to 31-Dec-2011

Federated States of Micronesia (National Fleet)

Vessel	Trip	Fish Days	Sea Days	100s of Hooks	ALBACORE		BIGEYE		YELLOWFIN		OTHERS MT	TOTAL	
					MT	CPUE	MT	CPUE	MT	CPUE		MT	CPUE
FM VESSEL 10	28/01/2011 - 10/02/2011	9	14	72.0	0.000	0.0	0.268	0.1	0.366	0.2	0.100	0.734	0.4
	28/02/2011 - 17/03/2011	13	20	117.0	0.000	0.0	0.646	0.2	0.296	0.1	0.040	0.982	0.3
	25/03/2011 - 7/04/2011	9	14	91.0	0.000	0.0	0.230	0.1	0.485	0.2	0.000	0.715	0.3
	13/04/2011 - 28/04/2011	11	16	121.0	0.000	0.0	0.607	0.1	0.268	0.1	0.000	0.875	0.2
FM VESSEL 11	28/06/2011 - 11/07/2011	13	14	250.0	0.000	0.0	1.415	0.1	2.280	0.3	0.406	4.101	0.5
	31/07/2011 - 11/08/2011	11	12	192.0	0.000	0.0	1.846	0.3	0.782	0.2	0.639	3.267	0.6
	20/08/2011 - 4/09/2011	11	16	209.0	0.100	0.0	1.073	0.1	0.576	0.1	0.357	2.106	0.4
	11/09/2011 - 25/09/2011	11	15	220.0	0.000	0.0	1.618	0.2	0.551	0.1	0.404	2.573	0.4
	25/11/2011 - 16/12/2011	15	21	285.0	0.000	0.0	2.503	0.2	0.921	0.1	0.627	4.051	0.5
FM VESSEL 14	14/01/2011 -	14	18	231.0	0.000	0.0	1.003	0.1	1.231	0.2	1.836	4.070	0.7
	18/02/2011 - 28/02/2011	8	11	132.0	0.000	0.0	1.603	0.2	1.689	0.4	1.003	4.295	1.0
FM VESSEL 19	25/12/2010 - 6/01/2011	5	12	80.0	0.000	0.0	1.025	0.2	2.424	1.0	0.702	4.151	1.7
	19/01/2011 -	13	14	208.0	0.000	0.0	2.248	0.2	2.019	0.3	0.577	4.844	0.6
	15/02/2011 - 1/03/2011	11	15	176.0	0.000	0.0	1.446	0.2	1.298	0.3	0.080	2.824	0.5
	18/06/2011 - 5/07/2011	10	18	177.0	0.000	0.0	2.056	0.3	6.347	1.7	0.917	9.320	2.2
FM VESSEL 26	28/12/2010 - 5/01/2011	4	11	80.0	0.000	0.0	1.285	0.4	0.717	0.3	0.476	2.478	1.0
FM VESSEL 31	28/12/2010 - 6/01/2011	5	12	78.0	0.000	0.0	0.616	0.1	1.174	0.4	0.568	2.358	1.2
	14/01/2011 - 2/02/2011	17	20	269.0	0.000	0.0	2.463	0.2	1.536	0.2	1.043	5.042	0.7
FM VESSEL 34	28/12/2010 - 6/01/2011	4	12	64.0	0.000	0.0	0.703	0.2	0.788	0.4	0.436	1.927	1.0
	14/01/2011 - 3/02/2011	14	21	224.0	0.000	0.0	1.979	0.2	1.321	0.2	1.300	4.600	0.7
	18/02/2011 - 1/03/2011	8	12	128.0	0.000	0.0	2.243	0.3	0.701	0.2	0.892	3.836	0.8
	9/06/2011 - 19/06/2011	7	11	133.0	0.000	0.0	2.880	0.4	1.023	0.3	0.694	4.597	0.9
	21/06/2011 - 5/07/2011	10	15	183.0	0.000	0.0	1.389	0.2	0.932	0.2	1.105	3.426	0.8
FM VESSEL 9	9/04/2011 - 27/04/2011	11	19	203.5	0.000	0.0	0.882	0.1	0.674	0.1	0.000	1.556	0.2
	9/06/2011 - 22/06/2011	12	14	126.0	0.000	0.0	2.510	0.5	2.790	0.9	0.110	5.410	1.5
	29/06/2011 - 12/07/2011	13	14	240.5	0.000	0.0	1.785	0.2	2.099	0.3	0.050	3.934	0.5
	21/07/2011 - 2/08/2011	10	13	185.0	0.000	0.0	1.420	0.2	1.315	0.3	0.000	2.735	0.4
	16/09/2011 - 2/10/2011	12	17	240.0	0.000	0.0	0.727	0.1	0.816	0.1	0.000	1.543	0.2

Report description

Report 9 lists a summary of trips for a company for a selected year. The report will list all trips by vessel, showing the trip dates, effort, and catch for the target tuna species as well as all other species combined and the total catch for the trip. For pole and line and purse seine the effort is shown as the number of days fishing and searching and number of days at sea, while for longline the number of hooks is also shown (as 100s of hooks).

What is this report useful for?

This report shows the activity, the effort and catch for each vessel. It can be used as a data quality report to check the coverage of logsheets, and to present to companies to chase up missing logsheets. It may also be useful if you want to assess the performance of all the vessels within one company since the report may help to highlight vessels that are fishing better (or worse!) than other

vessels. Your observer coordinator may consider putting an observer on one of these boats to look at the reasons. This type of report may provide useful reference material during access negotiations.

Things you should know and check for before using this report.

- The source of the data is collected and entered logsheets, so these need to be collected and entered.
- The coverage of the logsheets may not be 100%. You should use the appropriate reconciliation report to identify and try to resolve some of the data gaps before producing this report.
- The logsheet weight data has been raised from available unloading data.

Similar reports

Catch and Effort Report 10

End of Month Logsheets Incoming Log

What does this report look like?

End of Month Logsheets Incoming Log		From 01-Jan-2011 to 31-Dec-2011		LOGSHEET DATES		BATCH RECVD	TRIP ENTERED	BATCH ENTERED	BATCH SCANNED	BATCH SENT TO SPC
Company	Batch / Gear	Vessel	DEPART	RETURN						
CN Company 3	** Not Batched S	CN VESSEL 27318	18/11/2010	18/01/2011	#####	0				
		CN VESSEL 27318	10/09/2010	10/11/2010	#####	0				
		CN VESSEL 27318	1/08/2010	1/09/2010	#####	0				
		CN VESSEL 27318	2/07/2010	28/07/2010	#####	0				
		CN VESSEL 27318	20/01/2011	3/03/2011	#####	0				
		CN VESSEL 27318	6/03/2011	3/04/2011	#####	0				
		CN VESSEL 27318	7/04/2011	17/05/2011	#####	0				
		CN VESSEL 27318	26/05/2011	20/09/2011	#####	0				
		CN VESSEL 27318	25/09/2011	19/08/2011	#####	0				
		CN VESSEL 27318	24/08/2011	30/08/2011	#####	0				
		CN VESSEL 27318	31/08/2011	22/10/2011	#####	0				
		CN VESSEL 27318	28/10/2011	26/12/2011	#####	0				
		FM Company 16	** Not Batched S	FM VESSEL 22772	23/10/2012	25/11/2012	#####	0		

Report description

This report shows a summary of logsheets that have been entered for a particular month. The report shows, for each company, the vessel, logsheet dates, date entered, as well as batch and scanning information for each trip.

What is this report useful for?

This report is useful for the NTDC as it shows a list of the logsheets that have been processed for the month. The NTDC can compare lists of logsheets received to this list to make sure that no logsheets have been missed.

Things you should know and check for before using this report.

None

Catch and Effort Report 11

Title: Reconciled Catch from Logsheets and Unloading

What does this report look like?

Reconciled Catch from Logsheets and Unloadings data										For YEAR 2011			
FM VESSEL 14										Federated States of Micronesia (National Fleet)			
LOG SHEET							UNLOADINGS						
Depart	First Date	End Date	Return	ALB MT	YFT MT	BET MT	Unload	ALB MT	YFT MT	BET MT			
14/01/2011	15/01/2011	31/01/2011			1.231	1.003	8/01/2011		2.608	0.881			
18/02/2011	19/02/2011	27/02/2011	28/02/2011		1.689	1.603	3/02/2011		1.235	1.010			
							2/03/2011		1.693	1.607			
Best Combination of Logsheets and Unloadings				Trips	ALB MT	YFT MT	BET MT						
				3	0.000	5.528	3.487						

Report description

This report presents yearly vessel trip information for a selected gear and nationality. For each vessel, the report matches all of the available logsheet and unloadings data and presents the data trip by trip. The details shown are the trip dates, logsheet catch for the tuna target species, unloading date, and weights of the tuna target species unloaded. For each vessel is also shown the 'best combination of logsheet and unloadings', which gives the total number of trips and catch by species, using all of the available information. For example, if a logsheet is missing for a trip, the report uses the unloadings information, and if the unloadings data are missing, the report uses the logsheet data for that trip, so the report fills in gaps in the data. Note that if both the logsheet and unloadings data are missing then the trip will not be counted.

What is this report useful for?

This report gives better or adjusted information on a vessel's activity and total catch than the other catch and effort reports. The report's results are based on the 'best combination of logsheet and unloadings data', where data gaps are taken into account and filled in where possible. This is not done for other catch and effort reports. While the catch and effort report #1 will give a good standard acceptable report, this report will, with extra effort give better results. The report is therefore better for calculating catch estimates than reports 1 and 4, and can be useful for annual catch estimates, access negotiations, external reports etc. The report also shows very clearly

whether a logsheet or unloadings form is missing for a trip, so this can be used to track missing data and present to a company to show what data are missing.

Things you should know and check for before using this report.

- The source of the data is collected and entered logsheets and unloading forms, so these need to be collected and entered.
- The report automatically compensates for missing logsheet data if unloadings data is available and vice-versa.
- The coverage of the data may not be 100%. You should use the appropriate reconciliation report to identify and try to resolve some of the data gaps before producing this report.
- The logsheet weight data has been raised from the available unloadings data.

Similar reports

Catch and Effort Report #1 gives a summary of the total number of trips and the total weight of fish unloaded, however, it does not show adjusted data which compensates for missing logsheets or unloading data.

Catch and Effort Report 12

Title: Catch Estimates by Broad Ocean Areas

What does this report look like?

Annual Catches by Broad Ocean Areas for the longline fishery

LEGEND : MT - Metric tonnes; C

Note that coverage of logsheet data may not be 100%

From 01-Jan-2011 to 31-Dec-2011

Federated States of Micronesia (National Fleet)

1. WCPFC Convention Area

YEAR	ALBACORE	BIGEYE	YELLOWFIN	SKIPJACK	PACIFIC BLUEFIN	BLUE MARLIN	BLACK MARLIN	STRIPED MARLIN	SWORD-FISH
2011	0.1	40.5	37.4	0.0	0.0	0.5	2.0	0.6	0.6

3. WCPFC Convention Area (north of the Equator)

YEAR	ALBACORE	BIGEYE	YELLOWFIN	SKIPJACK	PACIFIC BLUEFIN	BLUE MARLIN	BLACK MARLIN	STRIPED MARLIN	SWORD-FISH
2011	0.1	40.5	37.4	0.0	0.0	0.5	2.0	0.6	0.6

4. WCPO Area

YEAR	ALBACORE	BIGEYE	YELLOWFIN	SKIPJACK	PACIFIC BLUEFIN	BLUE MARLIN	BLACK MARLIN	STRIPED MARLIN	SWORD-FISH
2011	0.1	40.5	37.4	0.0	0.0	0.5	2.0	0.6	0.6

6. WCPO (north of the Equator)

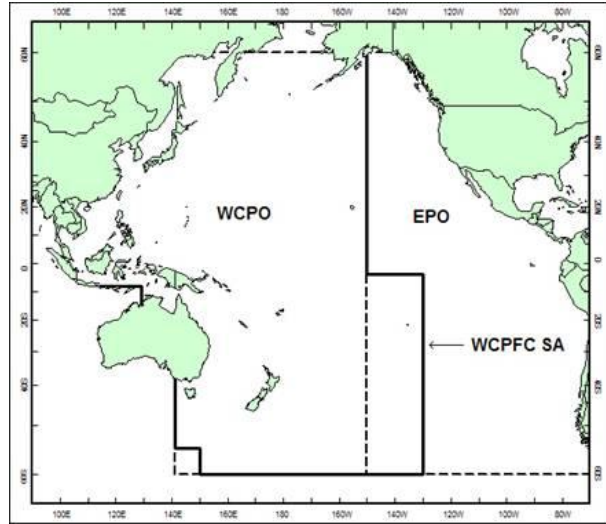
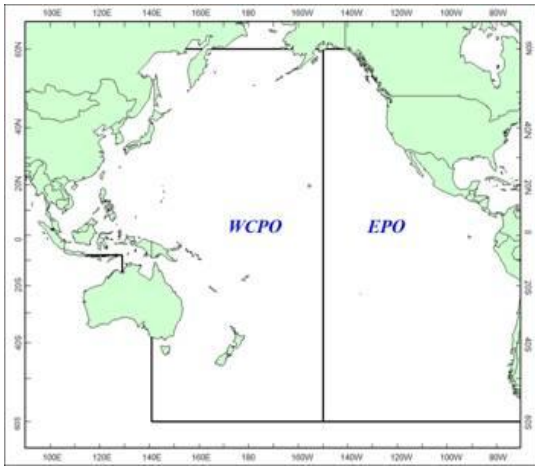
YEAR	ALBACORE	BIGEYE	YELLOWFIN	SKIPJACK	PACIFIC BLUEFIN	BLUE MARLIN	BLACK MARLIN	STRIPED MARLIN	SWORD-FISH
2011	0.1	40.5	37.4	0.0	0.0	0.5	2.0	0.6	0.6

Report Description

This report shows the annual catch in metric tonnes for the National fleet in the Broad Ocean Areas. Maps of these areas are shown below.

1. WCPFC Convention area





What is this report useful for?

The report is helpful when reporting to the WCPFC, and or its Northern Scientific Committee

Things you should know and check for before using this report.

Similar Reports

Catch and Effort Report 13

Title: Catch Statistics for TUNA species by year (Source Logsheets)

What does this report look like?

Catch and Effort Statistics for the longline fishery ... for waters inside and outside the EEZ From 01-Jan-2011 to 31-Dec-2011

LEGEND: MT - Metric tonnes; CPUE - Number per 100 hooks
Note that coverage of logsheet data may not be 100%

Federated States of Micronesia (National Fleet)

Year	No. of Vessels	No. of Trips	100s of Hooks	ALBACORE		BIGE YE		YELLOWFIN		OTHERS	TOTAL		
				MT	CPUE	MT	CPUE	MT	CPUE	MT	MT	CPUE	
2011	CN	6	13	679.6	0.1	0.0	3.5	0.2	4.1	0.2	1.6	9.3	0.5
	FM	9	29	4,730.0	0.1	0.0	40.6	0.2	37.4	0.3	14.4	92.5	0.7
	JP	7	62	18,048.7	8.6	0.0	231.1	0.3	199.1	0.5	38.0	476.8	0.9
	TW	12	15	4,573.0	0.0	0.0	22.6	0.1	15.5	0.1	31.4	69.5	0.4
				28,031.3	8.8	0.0	297.8	0.3	256.1	0.4	85.4	648.2	0.8

Report Description

This report shows the total catch and the catch per unit effort by each flag for a calendar year. The legend for the catch per unit effort is displayed on the top left hand corner. It is important that the vessel's flag of registration has been correctly assigned, especially any vessels in the national fleet or chartered vessels.

What is this report useful for?

This report is most useful for internal management reports. It shows the catches by each flag and can help management understand which fleets are catching the most fish, and which fleets are most effective at catching.

Similar Reports

Catch and Effort Report #1 gives the total catch for all fleets combined.

Catch and effort Report # 14 gives the total catch for each flag, while also showing the individual vessel total catches.

Catch and Effort Report 14

Title: Annual Vessel Catch for Home EEZ only

What does this report look like?

Annual LONGLINE Vessel Catch in HOME EEZ
 LEGEND : MT - Metric tonnes; CPUE - Number per 100 hooks

From 01-Jan-2011 to 31-Dec-2011

Federated States of Micronesia (National Fleet)

Vessel	Fish Days	Sea Days	100s of Hooks	ALBACORE		BIGEYE		YELLOWFIN		OTHERS MT	TOTAL		
				MT	CPUE	MT	CPUE	MT	CPUE		MT	CPUE	
FM VESSEL 10	42	42	401.0	0.000	0.0	1.751	0.1	1.415	0.1	0.140	3.306	0.3	
FM VESSEL 11	61	61	1,156.0	0.100	0.0	8.455	0.2	5.110	0.2	2.433	16.098	0.5	
FM VESSEL 14	22	22	363.0	0.000	0.0	2.606	0.1	2.920	0.2	2.839	8.365	0.8	
FM VESSEL 19	39	39	641.0	0.000	0.0	6.775	0.2	12.088	0.8	2.276	21.139	1.2	
FM VESSEL 26	4	4	80.0	0.000	0.0	1.285	0.4	0.717	0.3	0.476	2.478	1.0	
FM VESSEL 31	22	22	347.0	0.000	0.0	3.079	0.2	2.710	0.2	1.611	7.400	0.8	
FM VESSEL 34	43	43	732.0	0.000	0.0	9.194	0.3	4.765	0.2	4.427	18.386	0.8	
FM VESSEL 9	58	58	995.0	0.000	0.0	7.324	0.2	7.694	0.3	0.160	15.178	0.5	
				4,715.0	0.1	0.0	40.5	0.2	37.4	0.3	14.4	92.4	0.7

Report Description

This report shows the total annual catch of individual vessels flying a specific flag (as selected from the reporting parameters). The total catch in metric tonnes is shown as well as the catch per unit effort.

What is this report useful for?

The report is useful for internal management reports. Managers can see quickly which vessels are fishing well and those that are not performing well. This might be important if the country is getting a fee for the total tonnage caught. The report is also very useful for managing the national fleet and the catches. Managers have extra details to check if they want to know why the national fleet catch is unexpectedly high or low in any year.

Things you should know and check for before using this report.

Vessels should be correctly assigned to their 'Flag of Registration' under the licensing component of TUFMAN.

Similar Reports

Catch and Effort Report #1 gives the total catch for all fleets combined.

Catch and effort Report # 13 gives the total catch for each flag of Registration.