

THIRD TUNA DATA WORKSHOP (TDW-3)

20-24 April 2009
Noumea, New Caledonia

SURVEY of ARTISANAL TUNA FISHERIES in the Western and Central Pacific Ocean

The purpose of this survey is to obtain basic information on the extent of artisanal fisheries taking tuna in the Western and Central Pacific Ocean. It is acknowledged that artisanal fisheries throughout the Pacific Islands target a variety of fish, although we are only interested in those that primarily target tuna in this survey.

The following definitions of “Artisanal Fisheries” will help to describe the fisheries that this survey will be covering :

“Artisanal Fisheries” are –

“Small-scale fisheries carried out by people who rely on fishing to support their families and other local people” (SYMPOSIA – web dictionary)

“Fisheries involving skilled but non-industrialized operators; typically a small-scale, decentralized operation; normally subsistence fisheries although sometimes the catch may be sold. Usually fishing trips are short and inshore and fishing vessels are small but in developed countries may apply to trawlers, seiners or longliners. Also called small-scale fisheries”

(FISHBASE GLOSSARY : <http://www.fishbase.se/glossary/Glossary.php?q=artisanal%20fisheries>)

In the Pacific-Island context, the following are characteristics we usually align with artisanal fisheries targeting tuna.

- Small, open boats with outboard, or sometimes inboard engines
- In some instances, canoes that fish on FADs situated close to shore
- Vessels that often dispose the catch at market places, but also strong subsistence base (e.g. home consumption and sharing with family and community members)
- Typically use troll and handline gears, but the methods of using these gears may vary
- Typically fish free tuna schools but also around FADs when FADs are available
- Generally one-day trips only

Can you please complete the following tables, ideally with the assistance of co-workers or people external to your organization that have some knowledge of your artisanal fisheries (taking tuna!).

Please don't hesitate to expand the tables as required.

TABLE 3 asks for detailed information which may not be readily available, but we would appreciate any attempt to provide information where possible.

Guidelines for completing this survey

Name of Landing point	If it is too difficult to list each specific landing point at this stage, consider the details at the “island” or “provincial” levels, or for your entire country.
Gear	<p>The main gears should be TROLL or HANDLINE, but also include vessels which fish with a mix of gears during a trip. Choices include -</p> <p>TR – TROLL for tuna HL – HANDLINE for tuna TR/HL – TROLL and HANDLINE for tuna used in the same trip TR/RF – TROLL and Handlining for <u>reef fish</u> in the same trip</p> <p>Provide details of how they fish in the “COMMENTS” column, for example, “Vertical handline for tuna at a FAD”.</p>
Estimated No. of vessels	Use a range of vessels if this is too difficult to answer, for example “20-30 vessels” for that gear/landing point.
Disposal of tuna catch	<p>If possible, roughly estimate the breakdown of how the catch is “disposed” according to the following categories (i.e. use the corresponding codes, e.g. (1) = 50%; (3) = 50% for 50% to “family” and 50% “sold at the market”) :</p> <ol style="list-style-type: none"> 1. Family/Community (subsistence), barter or gifts 2. Sold at point of landing 3. Sold at market 4. Sold at roadside 5. Sold to other commercial outlets (e.g., supermarkets, restaurants)
Data Collection method	<ul style="list-style-type: none"> • No Data collection • CREEL survey (vessel level), • Logbooks, • Market Survey (total daily catch), • Count of vessels (vessel census), • [any other type of data collection not mentioned above]
Seasonal fishery ?	<p>Indicate whether this is a Seasonal fishery or not.</p> <p>Provide details of when and why the peak/low fishery seasons occur in the COMMENTS column.</p>
FADs	<p>Indicate whether this fishery primarily fishes on FADs and the total number of FADs (or range), if possible. Provide a rough estimate of the percentage of the vessels that fish on FADs compared to fishing in the open-water (non-FAD) areas in the COMMENTS. Any other information on FADs can be added in the COMMENTS.</p>
Comments	Any other information can be added to the COMMENTS