STANDARDS, SPECIFICATIONS AND PROCEDURES FOR THE WESTERN AND CENTRAL PACIFIC FISHRIES COMMISSION RECORD OF FISHING VESSELS

Conservation and Management Measure 2013-03

Application

These SSPs shall apply to the record of fishing vessels established under Article 24(7) of the Convention and further specified in any conservation and management measures adopted in relation to such record.

These SSPs shall take effect six months after adoption by the WCPFC.

The WCPFC Record of Fishing Vessels

1. The WCFPC RFV shall consist of an electronic database that, at a minimum:

    a. Is capable of depicting the current version of the RFV as a single table, in the structure and format shown in Attachment 1;

    b. Is fully and readily searchable by public users, with the exception of any data deemed by the WCPFC to be non-public domain data and/or to be maintained only on the secure portion of the WCPFC web site;

    c. Stores all historical data provided by CCMs and is capable of depicting the RFV as it was at any point in time in the past; and

    d. Includes electronic photographs of the vessels on the RFV.

Responsibilities of CCMs

It shall be the responsibility of CCMs to:

2. Submit complete vessel record data to the WCFPC Secretariat that meet the structure and format specifications of Attachment 1, and submit vessel photographs that meet the specifications of Attachment 2; and

3. Submit vessel record data to the WCPFC Secretariat via one of the following modes:[1]

   a. Electronic transmission: Submittal via email or other electronic means of electronic data files that meet the electronic formatting specifications of Attachment 3; or

   b. Manual transmission: Direct RFV data entry via the web portal maintained by the WCPFC Secretariat for this purpose (Attachment 4).

Responsibilities of the WCPFC Secretariat

It shall be the responsibility of the WCPFC Secretariat to:

4. Maintain and utilize the RFV in a manner consistent with the Convention, the WCFPC's conservation and management measures, and the adopted standards, specifications and procedures relating to the RFV;

5. Provide a stable, reliable, fully maintained and supported RFV, including ensuring adequate redundancy and back-up systems to avoid data loss and provide timely data recovery;

6. Ensure that vessel data, once received from CCMs, are not altered, manipulated, or interfered with in any way, except as necessary to incorporate such data into the RFV in accordance with these SSPs;

7. Design and maintain the RFV so that it is capable of depicting the current RFV in the structure and format specified in Attachment 1;

8. Design and maintain the RFV so that numerical data can be displayed and downloaded using common units of measurement;

9. Ensure that the RFV is continuously publicly available via the WCPFC web site, with the exception of any pieces of information deemed by the WCPFC to be non-public domain data and/or to be maintained only on the secure portion of the WCPFC web site;

10. Develop and maintain the technical and administrative systems needed to receive vessel data from CCMs via any of the following modes:

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[1] The Commission may consider additional modes of transmission, such as modes involving direct links between the Commission's and CCMs' databases.

a. Electronic transmission: Submittal via email or other electronic means of electronic data files that meet the electronic format specifications of Attachment 3;

b. Manual transmission: Direct manual data entry by a CCM via a web portal that meets the specifications of Attachment 4;

11. Within 24 hours of the next WCPFC official business day following receipt of vessel record data from a CCM, acknowledge receipt of the data and indicate to the CCM whether the data meet the minimum data requirements (i.e., they include data for all the fields with "☐" in the "Min." column in Attachment 1) and structure and format specifications of Attachments 1 and 2 and, if applicable, whether they meet the electronic formatting specifications of Attachment 3;

12. Within 48 hours (for electronic data transmissions) or 24 hours (for manual data transmissions) of the next WCPFC official business day following receipt from a CCM of vessel record data that meet the minimum data requirements (i.e., they include data for all the fields with "☐" in the "Min." column in Attachment 1) and structure and format specifications of Attachments 1 and 2, and, if applicable, the electronic formatting specifications of Attachment 3, incorporate such data into the RFV;

13. Provide for information on vessels' "fished / did not fish" status for each year, as submitted by CCMs, to be integrated with the RFV insofar as being able to display, search, and analyze the information; and

14. Monitor and report annually to the TCC the performance of the RFV and its application and, as necessary, make recommendations for improvements or modifications to the system, standards, specifications or procedures established to support it, in order to ensure the RFV continues to function as a stable, secure, reliable, cost-effective, efficient, fully maintained and supported system.

15. Periodically recommend improvements to these SSPs, including, where appropriate, standards and codes that are consistent with those used in other international fora, such as the FAO and UN/CEFACT.

Attachment 1. List of Fields in the WCPFC RFV and their Format and Content

Min.[2]	Field name	Field format	Field description/instructions	Example	Ref. in CMMs
√	Submitted by CCM	Text	Country name – in two-letter ISO code format (ISO 3166; Attachment 7)	HR (*for Croatia*)	Implied in 2009-01: 5/6
√	Data action code	Text	This field is not for inclusion in the RFV itself, but must be used by CCMs in their data submissions Enter "ADDITION" for vessels not currently on the RFV that are to be added to the RFV; enter "MODIFICATION" for vessels currently on the RFV the information for which is be modified; or enter "DELETION" for vessels currently on the RFV that are to be removed from the RFV	MODIFICATION	(Needed to instruct Secretariat/RFV of the changes to be made)
√	VID	Number (integer)	This number, generated automatically by the RFV upon inclusion of a vessel, must be provided for vessels being deleted or modified; if the vessel is being added to the RFV (i.e., it is not currently on the RFV), enter "NONE"	10503	(Needed to match vessels)
√	Name of the fishing vessel	Text	Name of the fishing vessel as indicated on flag State registration, in UPPER CASE	SEA MAPLE II	2009-01: 6(a)

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[2] Fields marked "√" in this column together comprise the "minimum data requirements" for inclusion on the RFV, as described in paragraphs **Error! Reference source not found.** and **Error! Reference source not found.**.

Min.[2]	Field name	Field format	Field description/instructions	Example	Ref. in CMMs
√	Flag of the fishing vessel	Text Enter the country name in two-letter ISO code format (ISO 3166; Attachment 7)	Country name – in two-letter ISO code format (ISO 3166; Attachment 7)	HR (*for Croatia*)	Implied in 2009-01: 5/6
√	Registration number	Text	Alphanumeric registration identifier assigned by the flag State, as indicated on flag State registration, in UPPER CASE	XX123	2009-01: 6(a)
√	WCPFC Identification Number (WIN)	Text	Vessel identifier assigned by flag State in accordance with CMM 2004-03, in UPPER CASE	ABC1234	2009-01: 6(a)
√	Previous names (if known)	Text If multiple previous vessel names, separate entries with ";"	List of previous names of the vessel, in UPPER CASE, if known by the CCM - If the CCM knows that the vessel has no previous names, enter "NONE" - If the CCM does not know if the vessel has any previous names, enter "NONE KNOWN"	ALPHA DRAGON ALPHA DRAGON;SEA MAPLE I	2009-01: 6(a)
√	Port of registry	Text	Enter name of the city (port) of vessel registration	Murmansk	2009-01: 6(a)
√	Name of the owner or owners	Text If multiple owners, separate entries with ";" If company, enter full name of the company If personal name, enter last/family name,		Sea Maple LLC Doe, John;Gomez, Steven	2009-01: 6(b)

Min.[2]	Field name	Field format	Field description/instructions	Example	Ref. in CMMs
		first/given name(s) (separated by a comma)			
√	Address of the owner or owners	Text Separate components of each address with ", " If more than one address, separate addresses with ";"		1234 Ebony Ln, Honolulu, HI 12345, USA 1234 Ebony Ln, Honolulu, HI 12345, USA;4321 Ynobe Rd, Honolulu, HI 54321, USA	2009-01: 6(b)
√	Name of the master	Text Enter last/family name, first/given name(s) (separated by a comma) If multiple masters, separate entries with ";"		Doe, John Doe, John;Doe, Jill	2009-01: 6(c)
	Nationality of the master	Text Enter the country name in two-letter ISO code format (ISO 3166; Attachment 7) If multiple masters, separate entries with ";"	List the nationality of the master of the vessel	HR (*for Croatia*) HR;HR	2009-01: 6(c)
√	Previous flag (if any)	Text Enter the country name in two-letter ISO code format (ISO 3166; Attachment 7) If multiple previous flags, separate entries with ";"	List previous flag(s) of the vessel, if any -If vessel has no previous flags, enter "NONE"	NONE	2009-01: 6(d)

Min.[2]	Field name	Field format	Field description/instructions	Example	Ref. in CMMs
√	International Radio Call Sign	Text Enter without any spaces or punctuation	International radio call sign assigned to the vessel, in UPPER CASE without spaces - If the vessel has not been assigned an IRCS, enter "NONE"	ABC1234	2009-01: 6(e)
√	Vessel communication types and numbers (Inmarsat A, B and C numbers and satellite telephone number)	Text Enter: communication type: x: number/address: x: service type: x. If multiple communication devices, separate entries with ";"	- Enter descriptions of each of any communication devices on board the vessel that use Inmarsat A, B or C or that have a satellite telephone number - If no such communication devices are on board, enter "NONE"	Voice Inmarsat mobile: 123456789: Inmarsat C: satellite telephone number: 123456789	2009-01: 6(f)
√	Colour photograph of the vessel	Text Enter the name of the electronic data file, using the following format: [WIN]_[Vessel name]_[date of photograph: dd.mmm.yyyy].[extension] (jpg or tif)	File name of vessel photograph	XXX123_SEA MAPLE_01.Jul.2010.jpg	2009-01: 6(g)
√	Where the vessel was built	Text Enter the country name in two-letter ISO code format (ISO 3166; Attachment 7)	Country where the vessel was built, as indicated on flag State registration or other appropriate documentation	LT (*for Lithuania*)	2009-01: 6(h)
	When the vessel was built	Number (four-digit integer)	Year in which the vessel was built, as indicated on flag State registration or other appropriate documentation	1994	2009-01: 6(h)

Min.[2]	Field name	Field format	Field description/instructions	Example	Ref. in CMMs
√	Type of vessel	Text	- Enter the single most appropriate vessel type listed in the WCFPC List of Vessel Types (Attachment 5), exactly as written	Tuna longliners	2009-01: 6(i)
	Normal crew complement	Number (integer)	The number of crew members normally on board the vessel, including officers	6	2009-01: 6(j)
	Type of fishing method or methods	Text If multiple fishing methods, separate entries with ";"	The type(s) of fishing gear used by the vessel Enter all the fishing gears listed in the WCFPC List of Fishing Gears that are used, or intended to be used, to harvest HMS (Attachment 6), exactly as written, or if the vessel is not used to harvest fish, enter "not a fish harvester"	Drifting longlines	2009-01: 6(k)
√	Length	Number (decimal)		50	2009-01: 6(l)
√	Type of length	Text	Description of type of length - If overall length, enter "overall" - If other type, enter the type	Overall Waterline	2009-01: 6(1)
√	Unit of length	Text	Enter "m" for meters or "ft" for feet	m	2009-01: 6(1)
	Moulded depth	Number (decimal)		7	2009-01: 6(m)
√	Unit of depth	Text	Enter "m" for meters or "ft" for feet	m	2009-01: 6(m)
√	Beam	Number (decimal)		7	2009-01: 6(n)

Min.[2]	Field name	Field format	Field description/instructions	Example	Ref. in CMMs
√	Unit of beam	Text	Enter "m" for meters or "ft" for feet	m	
√	Gross registered tonnage (GRT) or gross tonnage (GT)	Number (decimal)		138	2009-01: 6(o)
√	Type of tonnage	Text	Enter "GRT" for gross registered tonnage or "GT" for gross tonnage	GT	2009-01: 6(o)
	Power of main engine or engines	Number (decimal)		350	2009-01: 6(p)
	Unit of power of main engine or engines	Text	Enter "HP" for horsepower, "KW" for kilowatts, or "PS" for continental horsepower, also known as Pferdestärke	HP	2009-01: 6(p)
	Freezer type(s)	Text If multiple freezer types, separate entries with ";"	The type(s) of devices used to freeze the catch on board the vessel Enter one or more of the following: Brine, Blast, Plate, Tunnel, RSW, Ice, Other: [specify type]	Brine Ice;Blast	2009-01: 6(q)
	Freezing capacity	Text If multiple freezer types entered in Freezer type(s) field, separate corresponding multiple entries here with ";" and ensure that the entries are in the same sequence as in the Freezer type(s) field	A measure of the capacity to freeze the catch, expressed in terms of the amount of fish frozen per unit time or the nominal freezing capacity of the freezer units If no freezing capacity, enter "0"	100 2;5 0	2009-01: 6(q)

Min.[2]	Field name	Field format	Field description/instructions	Example	Ref. in CMMs
	Units of freezing capacity	Text If multiple freezer types entered in Freezer type(s) field, separate corresponding multiple entries here with ";" and ensure that the entries are in the same sequence as in the Freezer type(s) field	If no freezing capacity, enter "NA"	nominal mt mt/day;mt/day NA	2009-01: 6(q)
	Number of freezer units	Text If multiple freezer types entered in Freezer type(s) field, separate corresponding multiple entries here with ";" and ensure that the entries are in the same sequence as in the Freezer type(s) field	The number of freezing units on board the vessel (e.g., the number of ice-making machines, brine chillers, or blast freezers)	2 1;2 0	2009-01: 6(q)
	Fish hold capacity	Number (decimal)	The total amount of fish capable of being stored on the vessel, excluding bait and fish kept for crew consumption, measured by either volume or weight	100	2009-01: 6(q)
	Units of fish hold capacity	Text	Enter "CM" for cubic meters or "MT" for metric tonnes	CM	2009-01: 6(q)
	Form of the authorization granted by the flag State	Text	Enter the name or description of the license, permit or authorization, such as the name of the issuing authority Enter "not applicable" if the vessel is not authorized by its flag State to be used for fishing for HMS beyond areas of national	High seas fishing permit	2009-01: 6(r)

Min.[2]	Field name	Field format	Field description/instructions	Example	Ref. in CMMs
			jurisdiction (i.e., not authorized to fish on the high seas)		
	Authorization number granted by the flag State	Text	Enter the unique identifier assigned to the authorization, if any, and enter "NONE" if the authorization does not have a unique identifier Enter "not applicable" if the vessel is not authorized by its flag State to be used for fishing for HMS beyond areas of national jurisdiction	XX123	2009-01: 6(r)
	Any specific areas in which authorized to fish	Text	Enter a description of any specific areas in the WCFPC Area in which the authorization is limited Enter "No specific areas" if the authorization is not limited to any specific areas within the WCPFC Area Enter "not applicable" if the vessel is not authorized by its flag State to be used for fishing for HMS beyond areas of national jurisdiction	No specific areas	2009-01: 6(r)
	Any specific species for which authorized to fish	Text	Enter a description of any specific HMS for which the authorization is limited Enter "No specific species" if the authorization is not limited to any specific HMS	No specific species All HMS except Pacific bluefin tuna	2009-01: 6(r)

Min.[2]	Field name	Field format	Field description/instructions	Example	Ref. in CMMs
			Enter "not applicable" if the vessel is not authorized by its flag State to be used for fishing for HMS beyond areas of national jurisdiction		
√	Start of period of validity of authorization	Date (dd-mmm-yyyy)	Leave blank if the vessel is not authorized by its flag State to be used for fishing for HMS beyond areas of national jurisdiction	01-Jul-2010	2009-01: 6(r)
√	End of period of validity of authorization	Date (dd-mmm-yyyy)	Leave blank if the vessel is not authorized by its flag State to be used for fishing for HMS beyond areas of national jurisdiction	30-Jun-2011	2009-01: 6(r)
	Authorized to tranship on the high seas	Text	Enter "yes" if the responsible CCM has made an affirmative determination under para 37 of CMM 2009-06 and has authorized the vessel to be used for transhipping HMS on the high seas in the Convention Area, and the authorization is currently valid; otherwise, enter "no"	Yes	2009-06: 34
	Purse seine vessel authorized to tranship at sea	Text	Enter "yes" if the vessel is a purse seine vessel that has been granted an exemption by the WCPFC to engage in transhipping at sea in the WCFPC Area and has been authorized to do so by the responsible CCM, and the exemption and authorization are currently valid; enter "no" if the vessel is a purse seine vessel that has not been granted such exemption and authorization; or enter "not applicable" if the vessel is not a purse seine vessel	No	2009-06: 29-30

Min.[2]	Field name	Field format	Field description/instructions	Example	Ref. in CMMs
√	Charter – CCM-flagged vessel	Text	Enter "charter", "lease" or a descriptor of similar mechanism if paragraph 2 of CMM 2012-05 applies to the vessel; otherwise, enter "not applicable" Note: In the case of vessels to which paragraph 2 of CMM 2012-05 applies, the flag CCM is responsible for including the vessel on its record of fishing vessels and submitting the required information to the ED	Charter	2012-05: 2
√	Charter – non-CCM-flagged carrier or bunker	Text	Enter "charter", "lease" or a descriptor of similar mechanism if paragraph 41 of CMM 2009-01 (carrier or bunker flagged to non-CCM) applies to the vessel; otherwise, enter "not applicable" Note: In the case of vessels to which paragraph 41 of CMM 2009-01 applies (carriers and bunkers flagged to non-CCMs), the host CCM is responsible for including the vessel on its record of fishing vessels and submitting the required information to the ED	Charter	2009-01: 41
√	Host CCM	Text	If the vessel is under charter, lease or a similar mechanism and paragraph 41 of CMM 2009-01 or paragraph 2 of CMM 2012-05 applies to it, enter the name of the chartering/host CCM in two-letter ISO code format (ISO 3166; Attachment 7); otherwise, enter "not applicable"	AT *(for Austria)*	2009-01: 41 2012-05: 2

Min.[2]	Field name	Field format	Field description/instructions	Example	Ref. in CMMs
√	Name of charterer	Text If multiple charterers, separate entries with ";" If company, enter full name of the company If personal name, enter last/family name, first/given name(s) (separated by a comma)	If vessel is under charter, lease or similar mechanism and paragraph 41 of CMM 2009-01 or paragraph 2 of CMM 2012-05 applies to it, enter the name of the charterer; otherwise, enter "not applicable"	Sea Maple LLC Doe, John;Gomez, Steven	2009-01: 41 2012-05: 2
√	Address of charterer	Text Separate components of each address with ", " If more than one address, separate addresses with ";"	If vessel is under charter, lease or similar mechanism and paragraph 41 of CMM 2009-01 or paragraph 2 of CMM 2012-05 applies to it, enter the address of the charterer; otherwise, enter "not applicable"	1234 Ebony Ln, Honolulu, HI 12345, USA 1234 Ebony Ln, Honolulu, HI 12345, USA;4321 Ynobe Rd, Honolulu, HI 54321, USA	2009-01: 41 2012-05: 2
	Start date of charter	Date (dd-mmm-yyyy)	If vessel is under charter, lease or similar mechanism and paragraph 41 of CMM 2009-01 or paragraph 2 of CMM 2012-05 applies to it, insert the start date of the charter, lease or other mechanism; otherwise, leave blank	30-Jun-2011	2009-01: 41 2012-05: 2
	Expiration date of charter	Date (dd-mmm-yyyy)	If vessel is under charter, lease or similar mechanism and paragraph 41 of CMM 2009-01 or paragraph 2 of CMM 2012-05 applies to it, insert the date of expiration of the charter, lease or other mechanism; otherwise, leave blank	30-Jun-2016	2009-01: 41 2012-05: 2

Min.[2]	Field name	Field format	Field description/instructions	Example	Ref. in CMMs
	Reason for deletion	Text	This field need not be included in the single-table depiction of the RFV, but must be used by CCMs in their data submissions Enter one of the following: "Voluntary relinquishment or non-renewal", "Withdrawal", "No longer entitled to fly flag", "Scrapping, decommissioning or loss", "Other: [specify reason]", or "Not applicable" (if the vessel is not being deleted)	Voluntary relinquishment or non-renewal	2009-01: 7(c)

Attachment 2.   Vessel Photograph Specifications

The photographs submitted to the WCFPC Secretariat for vessels on the RFV must meet all the specifications listed below. If the appearance of the vessel materially changes after a submission of a photograph (including, but not limited to, the vessel is painted another color, the vessel is renamed, or the vessel undergoes a structural modification) or if the photograph becomes more than five years old, a new photograph must be submitted.

The photograph must:[3]

1. be in full color
2. show the vessel in its current form and appearance
3. show a stem-to-stern side view of the vessel
4. clearly and legibly display the vessel name and WIN
5. be no older than five years
6. be in the form of a single electronic file with the following attributes:
    a. in jpg or tiff file format;
    b. a resolution of at least 150 pixels per inch at a size of 6 by 8 inches;
    c. a size no greater than 500 kilobytes (kB); and
    d. named using the following naming convention: [WIN]_[vessel name]_[date of photograph (dd.mmm.yyyy)].jpg/tif (e.g., XXX123_SEA MAPLE_01.Jul.2010.jpg).

Attachment 3.   Electronic Formatting Specifications

These specifications describe the electronic files that CCMs must provide if they choose to submit information via the electronic transmission mode (paragraph 3.a).

A) File type

The information must be provided in one of the following formats:

- Microsoft Excel file, or
- Microsoft Access database file

B) File name

The name of the file must be: XX_RFV_UPDATES_DDMMYYYY.sssss

where:

- XX – two letter ISO country code (Attachment 7) of the CCM providing the file
- DDMMYYYY – the date of the provision of the file
- sssss – the standard file suffix (xls or xlsx if Excel file; mdb or accdb if Access file)

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[3] These photograph specifications, with the exception of items 1 and 6.d, do not have to be met until 1 January 2017.

For example:

AU_RFV_UPDATES_11082013.xlsx (Excel file provided by Australia, on 11 August 2013)

C) File content

The RFV update file must contain only the vessels to be added to or deleted from the RFV, or whose details are being updated (i.e., the file must not include vessels for which no changes are being made). The type of change required for a particular vessel must be indicated by the "Data Action Code" (text) field, which must consist of one of the following values: "ADDITION" (for a vessel not currently on the RFV, to be added to the RFV), "MODIFICATION" (for a vessel currently on the RFV and to remain on the RFV), or "DELETION" (for a vessel to be removed from the RFV). For a modification, all the fields for the vessel must be completed in the record so that the fields to be updated can be clearly identified. For a deletion, at a minimum, the following fields must be completed in the record: VID, name of the fishing vessel, flag of the fishing vessel, registration number, WCPFC Identification Number, and reason for deletion.

D) File structure

Each record in the electronic file represents a single vessel. Each record must have the structure specified in Attachment 1, including the same sequence of fields.

Sample MS Excel and MS Access files with the proper formats are available from the Secretariat.

Attachment 4.   Web Portal Specifications

These specifications provide details on the web portal interface that the WCPFC Secretariat will maintain to support CCMs' submission of information via the manual transmission mode (paragraph 3.b).

The WCPFC Secretariat will provide a web portal interface for authorised RFV personnel of CCMs to directly enter and provide updates to RFV data for their vessels, and where applicable chartered vessels. Access to the web portal will be secure, and will require authorised RFV personnel to log in using a CCM-specific user name and password.

The web portal will be hosted on: https://intra.wcpfc.int/Lists/Vessels/Stats.aspx

This web portal will be designed to meet the standards and specifications of Attachment 1 and the SSPs, and where data relate to a specific list of alternative categories that is determined by the WCPFC Secretariat, this will be provided where possible as a drop-down menu option. In other instances, the option of numerical entries or text entries will be possible. There will be a capability for photos to be uploaded and updated.

After submission of a change or entry to the RFV via the web portal, each change or entry will be checked by the WCFPC Secretariat for consistency with the SSPs before being incorporated into the RFV. The CCM user will be promptly notified as to whether a given entry or change was incorporated into the RFV, and if not, the nature of the problem.

Attachment 5.   WCFPC List of Vessel Types (based on the FAO ISSCFV)

Vessel Types

Trawlers
Side trawlers
Side trawlers wet-fish
Side trawlers freezer
Stern trawlers
Stern trawlers wet-fish
Stern trawlers factory
Outrigger trawlers
Trawler nei
Seiners
Purse seiners
North American type
European type
Tuna purse seiners
Seiner netters
Seiner nei
Dredgers
Using boat dredge
Using mechanical dredge
Dredgers nei
Lift netters
Using boat operated net
Lift netters net
Gillnetters
Trap setters
Pot vessels
Trap setters nei
Liners
Handliners
Longliners
Tuna longliners
Pole and line vessels
Japanese type
American type
Trollers
Liners nei
Squid jigging line vessel

Vessels using pumps for fishing
Multipurpose vessels
Seiner-handliners
Trawler-purse seiners
Trawler-drifters
Multipurpose vessels nei
Recreational fishing vessels
Fishing vessels not specified
Motherships
Salted-fish Motherships
Factory Motherships
Tuna Motherships
Motherships for two-boat purse seining
Motherships nei
Factory longliner
Freezer longliner
Fish carriers
Hospital ships
Protection and survey vessels
Fishery research vessels
Fishery training vessels
Non-fishing vessels nei
Bunker vessels

Attachment 6.   WCPFC List of Fishing Gears (based on the FAO ISSCFG)

Fishing Gears

With purse lines (purse seine)
- one boat operated purse seines
- two boat operated purse seines
Without purse lines (lampara)
Beach seines
Boat or vessel seines
- Danish seines
- Scottish seines
- Pair seines
Seine nets (not specified)
Portable lift nets
Boat-operated lift nets
Shore-operated stationary lift nets
Lift nets (not specified)
Set gillnets (anchored)
Driftnets
Encircling gillnets

Fixed gillnets (on stakes)
Trammel nets
Combined gillnets-trammel nets
Gillnets and entangling nets (not specified)
Gillnets (not specified)
Handlines and pole-lines (hand operated)
Handlines and pole-lines (mechanized)
Set longlines
Drifting longlines
Longlines (not specified)
Trolling lines
Hooks and lines (not specified)
Harpoons
Miscellaneous gear
Recreational fishing gear

Attachment 7.   Country Codes (ISO 3166)

Country Name	Code	Country Name	Code
Afghanistan	AF	Benin	BJ
Albania	AL	Bermuda	BM
Algeria	DZ	Bhutan	BT
American Samoa	AS	Bolivia	BO
Andorra	AD	Bosnia and Herzegowina	BA
Angola	AO	Botswana	BW
Anguilla	AI	Bouvet Island	BV
Antarctica	AQ	Brazil	BR
Antigua and Barbuda	AG	British Indian Ocean Territory	IO
Argentina	AR	Brunei Darussalam	BN
Armenia	AM	Bulgaria	BG
Aruba	AW	Burkina Faso	BF
Australia	AU	Burundi	BI
Austria	AT	Cambodia	KH
Azerbaijan	AZ	Cameroon	CM
Bahamas	BS	Canada	CA
Bahrain	BH	Cape Verde	CV
Bangladesh	BD	Cayman Islands	KY
Barbados	BB	Central African Republic	CF
Belarus	BY	Chad	TD
Belgium	BE	Chile	CL
Belize	BZ	China	CN

Chinese Taipei	TW	Ghana	GH
Christmas Island	CX	Gibraltar	GI
Cocos (Keeling) Islands	CC	Greece	GR
Colombia	CO	Greenland	GL
Commonwealth of the Northern Mariana Islands	MP	Grenada	GD
Comoros	KM	Guadeloupe	GP
Congo	CG	Guam	GU
Congo, The Democratic Republic of the	CD	Guatemala	GT
Cook Islands	CK	Guinea	GN
Costa Rica	CR	Guinea-Bissau	GW
Cote D'ivoire	CI	Guyana	GY
Croatia	HR	Haiti	HT
Cuba	CU	Heard and Mc Donald Islands	HM
Cyprus	CY	Honduras	HN
Czech Republic	CZ	Hong Kong	HK
Denmark	DK	Hungary	HU
Djibouti	DJ	Iceland	IS
Dominica	DM	India	IN
Dominican Republic	DO	Indonesia	ID
East Timor	TP	Iran (Islamic Republic of)	IR
Ecuador	EC	Iraq	IQ
Egypt	EG	Ireland	IE
El Salvador	SV	Israel	IL
Equatorial Guinea	GQ	Italy	IT
Eritrea	ER	Jamaica	JM
Estonia	EE	Japan	JP
Ethiopia	ET	Jordan	JO
European Union	EU	Kazakhstan	KZ
Falkland Islands (Malvinas)	FK	Kenya	KE
Faroe Islands	FO	Kiribati	KI
Federated States of Micronesia	FM	Korea (Democratic Republic of)	KP
Fiji	FJ	Korea (Republic of)	KR
Finland	FI	Kuwait	KW
France	FR	Kyrgyzstan	KG
French Guiana	GF	Lao People's Democratic Republic	LA
French Polynesia	PF	Latvia	LV
French Southern Territories	TF	Lebanon	LB
Gabon	GA	Lesotho	LS
Gambia	GM	Liberia	LR
Georgia	GE	Libyan Arab Jamahiriya	LY
Germany	DE	Liechtenstein	LI

Lithuania	LT	Paraguay	PY
Luxembourg	LU	Peru	PE
Macau	MO	Philippines	PH
Macedonia (the Former Yugoslav Republic of)	MK	Pitcairn	PN
		Poland	PL
Madagascar	MG	Portugal	PT
Malawi	MW	Puerto Rico	PR
Malaysia	MY	Qatar	QA
Maldives	MV	Reunion	RE
Mali	ML	Romania	RO
Malta	MT	Russian Federation	RU
Marshall Islands	MH	Rwanda	RW
Martinique	MQ	Saint Kitts And Nevis	KN
Mauritania	MR	Saint Lucia	LC
Mauritius	MU	Saint Vincent and the Grenadines	VC
Mayotte	YT	Samoa	WS
Mexico	MX	San Marino	SM
Moldova (Republic of)	MD	Sao Tome and Principe	ST
Monaco	MC	Saudi Arabia	SA
Mongolia	MN	Senegal	SN
Montserrat	MS	Serbia	RS
Morocco	MA	Seychelles	SC
Mozambique	MZ	Sierra Leone	SL
Myanmar	MM	Singapore	SG
Namibia	NA	Slovakia (Slovak Republic)	SK
Nauru	NR	Slovenia	SI
Nepal	NP	Solomon Islands	SB
Netherlands	NL	Somalia	SO
Netherlands Antilles	AN	South Africa	ZA
New Caledonia	NC	South Georgia and the South Sandwich Islands	GS
New Zealand	NZ		
Nicaragua	NI	Spain	ES
Niger	NE	Sri Lanka	LK
Nigeria	NG	St. Helena	SH
Niue	NU	St. Pierre and Miquelon	PM
Norfolk Island	NF	Sudan	SD
Norway	NO	Suriname	SR
Oman	OM	Svalbard and Jan Mayen Islands	SJ
Pakistan	PK	Swaziland	SZ
Palau	PW	Sweden	SE
Panama	PA	Switzerland	CH
Papua New Guinea	PG	Syrian Arab Republic	SY

Tajikistan	TJ
Tanzania (United Republic of)	TZ
Thailand	TH
Timor-Leste	TL
Togo	TG
Tokelau	TK
Tonga	TO
Trinidad and Tobago	TT
Tunisia	TN
Turkey	TR
Turkmenistan	TM
Turks and Caicos Islands	TC
Tuvalu	TV
Uganda	UG
Ukraine	UA
United Arab Emirates	AE
United Kingdom	GB
United States Minor Outlying Islands	UM
United States of America	US
Uruguay	UY
Uzbekistan	UZ
Vanuatu	VU
Vatican City State (Holy See)	VA
Venezuela	VE
Vietnam	VN
Virgin Islands (British)	VG
Virgin Islands (U.S.)	VI
Wallis and Futuna	WF
Western Sahara	EH
Yemen	YE
Zaire	ZR
Zambia	ZM
Zimbabwe	ZW