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**USA PROPOSAL ON STANDARDS, SPECIFICATIONS AND
PROCEDURES FOR THE WESTERN AND CENTRAL PACIFIC
FISHERIES COMMISSION RECORD OF FISHING VESSELS**

WCPFC7-2010-IP/06
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Paper Prepared by the USA

At the 6th regular annual session of the Technical and Compliance Committee, the United States produced a first draft of standards, specifications and procedures (SSPs) (WCPFC-TCC6-2010/DP11) that could be used in the maintenance of the Record of Fishing Vessels (RFV). The intent of the SSPs is to strengthen the completeness, accuracy and timeliness of the RFV, particularly in light of the WCPFC6 amendment of CMM 2009-01 obligating CCMs to ensure that vessels are on the RFV before they are authorized to fish. The proposal includes a standardized structure and format to ensure data comparability among CCMs; established procedures for submitting and incorporating data into the RFV; and provides for two means of data submission: i) the web-based manual data entry system currently under development, and ii) an electronic batch data submission/uploading.

At TCC6 the U.S. agreed to serve as a focal point to continue development of the SSPs for the RFV, with the intent of presenting a revised draft to TCC7. CCMs were asked to submit comments on WCPFC-TCC6-2010/DP11 to the U.S. by mid-November, and the U.S. agreed to have a revised draft of the SSPs available during WCPFC7 as an information paper.

Standards, Specifications and Procedures for the Western and Central Pacific Fisheries Commission Record of Fishing Vessels

Under Article 24(7) of the Convention, the Western and Central Pacific Fisheries Commission (WCPFC) is to maintain a record, based on the information provided to by member flag States, of fishing vessels authorized to be used for fishing in the Convention Area beyond the respective areas of national jurisdiction of their flag States. The WCPFC has adopted conservation and management measures that further specify the procedures to be used in maintaining the WCPFC Record of Fishing Vessels (RFV).

The purpose of these SSPs is to ensure that the RFV is maintained in a manner that maximizes its utility as a management tool for the WCPFC and its Members, Cooperating Non-members and Participating Territories (CCMs). The SSPs are designed to ensure that the information in the RFV is complete, up-to-date, accurate, unambiguous, and comparable across flag States. These SSPs establish a standardized structure and format for the RFV, specifications for certain of the required vessel information, procedures to be used by CCMs in submitting vessel information for the RFV, and procedures to be used by the WCPFC Secretariat in maintaining the RFV.

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 60 days after adoption by the WCPFC, **except that [...]**.

The WCPFC Record of Fishing Vessels

1. The WCFPC RFV shall consist of an electronic database that:
 - 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. 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
 - c. Includes electronic versions of the photographs of the vessels on the RFV.

Responsibilities of CCMs

It shall be the responsibility of CCMs to:

2. Fully comply with the provisions of Article 24(7) and Annex IV of the Convention and any conservation and management measures as they relate to the maintenance of national

vessel records and the WCFPC RFV, and with these standards, specifications and procedures.

3. Utilize the RFV in accordance with the WCPFC's conservation and management measures and any of the standards, specifications and procedures agreed by the WCPFC.
4. 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
5. Submit vessel record data to the WCPFC Secretariat via one of the following modes:
 - 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 manual data entry via the web portal maintained by the WCPFC Secretariat for this purpose.

Responsibilities of the WCPFC Secretariat

It shall be the responsibility of the WCPFC Secretariat to:

6. 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;
7. 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;
8. Ensure that vessel record 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;
9. Design and maintain the RFV so that it is capable of depicting the current RFV in the structure and format specified in Attachment 1;
10. Design and maintain the RFV so that numerical data can be displayed and downloaded using common units of measurement;
11. Ensure that the RFV is continuously publicly available via the WCPFC web site;
12. Develop and maintain the technical and administrative systems needed to receive vessel record data from CCMs via any of the following modes:

- 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;
13. Within 24 hours of 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., includes 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;
14. Within 72 hours of receipt from a CCM of vessel record data that meet the minimum data requirements (i.e., includes 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;
15. Annually, three weeks before the regular annual session of the Technical and Compliance Committee (TCC), change the entries in the field “Fishing activity in [year]” that is depicted in the single-table version of the current record (see Attachment 1) to reflect fishing activity in the previous calendar year (e.g., change from Fishing activity in 2010 to Fishing activity in 2011); and
16. 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.

Attachment 1. List of fields in the WCPFC RFV and their format and content

Min.¹	Field name	Field format	Field description/instructions	Example	Ref. in CMMs
√	Name of the fishing vessel	Text	Name of the fishing vessel as indicated on flag State registration	Sea Maple II	2009-01: 6(a)
√	Flag of the fishing vessel	Text Enter the country name exactly as written in country list maintained by WCPFC Secretariat	Country name	Croatia	Implied in 2009-01: 5/6
√	Registration number	Text	Alphanumeric registration identifier assigned by the flag State	XX123	2009-01: 6(a)
√	WCPFC Identification Number (WIN)	Text	Unique vessel identifier assigned by flag State in accordance with CMM 2004-03	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, 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		Murmansk	2009-01: 6(a)

¹ Fields marked “√” in this column together comprise the “minimum data requirements” for inclusion on the RFV, as described in paragraphs 13 and 14.

Min. ¹	Field name	Field format	Field description/instructions	Example	Ref. in CMMs
√	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, first/given name(s) (separated by a comma)		Sea Maple LLC Doe, John; Gomez, Steven	2009-01: 6(b)
√	Address of the owner or owners	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 exactly as written in country list maintained by WCPFC Secretariat If multiple masters, separate entries with “;”	List the nationality of the master of the vessel	Croatia Croatia; Croatia	2009-01: 6(c)

Min. ¹	Field name	Field format	Field description/instructions	Example	Ref. in CMMs
	Previous flag (if any)	Text 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)
√	International Radio Call Sign	Text Enter without any spaces or punctuation	- 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 exactly as written on list maintained by WCPFC Secretariat	Country where the vessel was built, as indicated on flag State registration or other appropriate documentation	Lithuania	2009-01: 6(h)

Min.¹	Field name	Field format	Field description/instructions	Example	Ref. in CMMs
	When the vessel was built	Number	Year in which the vessel was built, as indicated on flag State registration or other appropriate documentation	1994	2009-01: 6(h)
	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 longliner	2009-01: 6(i)
	Normal crew complement	Number	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”	Longline	2009-01: 6(k)
√	Length	Number		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		7	2009-01: 6(m)
	Unit of depth	Text	Enter “m” for meters or “ft” for feet	m	2009-01: 6(m)
	Beam	Number		7	2009-01: 6(n)

Min.¹	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		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		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 or chill 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, separate entries with “;”	A measure of the capacity to freeze or chill the catch, expressed in terms of the amount of fish cooled per unit time or the nominal cooling capacity of the freezer/cooling units	100 2; 5	2009-01: 6(q)
	Units of freezing capacity	Text If multiple freezer types, separate entries with “;”		nominal mt mt/day; mt/day	2009-01: 6(q)

Min.¹	Field name	Field format	Field description/instructions	Example	Ref. in CMMs
	Number of freezer units	Text If multiple freezer types, separate entries with “;”	The number of freezing/chilling units on board the vessel (e.g., the number of ice-making machines, brine chillers, or blast freezers)	2 1; 2	2009-01: 6(q)
	Fish hold capacity	Number	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	Text	Enter the name or description of the license, permit or authorization, such as the name of the issuing authority	High seas fishing permit	2009-01: 6(r)
	Authorization number granted by the flag State	Text	Enter the unique identifier assigned to the authorization, if any If there is none, enter “none”	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 WCFPC Area	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.¹	Field name	Field format	Field description/instructions	Example	Ref. in CMMs
	Start of period of validity of authorization	Date (dd.mmm.yyyy)		01.Jul.2010	2009-01: 6(r)
	End of period of validity of authorization	Date (dd.mmm.yyyy)		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 transshipping 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 transshipping at sea in the WCPFC 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
	Fishing activity in [year]	Text	To be incorporated into RFV by WCPFC Secretariat based on data provided annually by the responsible CCM (“fished” or “did not fish”)	Fished	2009-01: 9, 12

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:

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 300 pixels per inch at a size of 5 by 7 inches; and
 - c. a size no greater than 2 megabytes (MB).
 - d. named using the following naming convention: [WIN]_[vessel name]_[date of photograph (dd.mmm.yyyy)].jpg/tif

Attachment 3. Electronic formatting specifications

Attachment 4. Web portal specifications

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

Vessel Type
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 (FAO ISSCFG)

Gear Categories
With purse seine lines (purse seines)
1 boat operated purse seines
2 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