



**TECHNICAL AND COMPLIANCE COMMITTEE**

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**STATUS OF, AND DEVELOPMENTS RELATED TO, THE WCPFC RECORD OF  
FISHING VESSELS**

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**WCPFC-TCC5-2009/17**

**4 September 2009**

**Paper prepared by the Secretariat**

**Introduction**

1. Conservation and Management Measure 2004-01 (CMM 2004-01) requires each WCPFC Member, Cooperating Non-Member and Participating Territory (CCM) to submit to the Executive Director by 1 July 2005 particular information with respect to each vessel listed in its national record of fishing vessels entitled to fly its flag and authorized to fish in the Convention Area beyond its area of national jurisdiction. Since 1 July 2005, each CCM is required to notify the Executive Director within 15 days, or in any case within 72 hours before commencement of fishing activities in the Convention Area of:

- a. any vessel added to its Record along with the information set forth in paragraph five (5) of Conservation and Management Measure 2004-01;
- b. any change in the information referred to in paragraph five (5) with respect to any vessel on its Record; and
- c. any vessel deleted from its Record along with the reason for such deletion in accordance with Article 24(6) of the Convention.

2. The Fourth Regular Session of the Commission (WCPFC4) agreed:

- a. that before 1 July of each year, each Commission Member shall submit to the Executive Director a list of all vessels that appeared in its record of fishing vessels at any time during the preceding calendar year, together with each vessel's registration number, the WCPFC identification number (WIN), and an indication of whether each vessel fished for highly migratory fish stocks in the Convention Area beyond its area of national jurisdiction. The indication shall be expressed as (i) fished, or (ii) did not fish;
- b. Members that operate joint-venture or charter arrangements that result in data reporting obligations being conferred to a party other than the flag State will make arrangements to ensure that the flag State can meet its obligations under paragraph 2"a" above;
- c. The WCPFC Record of Fishing Vessels shall identify those fishing vessels so listed that were active in the Convention Area in the preceding year, consistent with the information provided by Members under paragraph 2"a" above;

d. The Executive Director shall use available information, including the information supplied by Members under paragraph 2“a” above, to assist in the assessment of the implementation of relevant CMMs and resolutions for the annual consideration of the TCC.

3. At each Technical and Compliance Committee (TCC) meeting since TCC1 in December 2005 the Secretariat has reported on compliance with CMM 2004-01 and Annex IV of the Convention concerning information provided by CCMs relating to their respective authorized vessels. The Secretariat’s reports have been provided in order to address two objectives:

- a. rectify anomalies relating to the information required to comply with CMM 2004-01 and Annex IV of the Convention; and
- b. encourage compliance by CCMs with the submission of all information requirements for each vessel submitted for inclusion on the WCPFC Record of Fishing Vessels.

### **Status of the WCPFC Record of Fishing Vessels**

4. At the time of preparing this paper, 26 CCMs and one non-Member (Ecuador<sup>1</sup>) had submitted 9,178 records of their respective fishing vessels the Executive Director (**Attachment 1**). These cover small, medium and large-scale tuna fishing vessels, vessels targeting tuna and other species, support vessels, and research and training vessels.

5. While it has not been possible to verify the information contained in each CCMs’ Record of Fishing Vessels, it is clear that not all the information required in CMM 2004-01 has been provided by all of those CCMs that submitted vessel records. **Attachment 2** identifies issues associated with anomalies in the type and quality of information provided by CCMs for their respective vessels and proposes remedial action for each anomaly. **Attachment 3** provides the percentage compliance by CCMs’ with respect to the information they have provided against vessel attributes listed in CMM 2004-01 and reported fishing status (whether each vessel either “fished” or “did not fish” during the period 1 January-31 December 2008).

6. During 2009 the Secretariat continued its collaborative work with CCMs to remedy deficiencies in their respective national records of fishing vessels.

### **Developments related to the WCPFC Record of Fishing Vessels**

#### *Enhancements to the WCPFC Record of Fishing Vessels*

7. The online, searchable version of the WCPFC Record of Fishing Vessels available at <http://www.wcpfc.int> was amended in mid-September 2008 to indicate whether or not a vessel either “fished” or “did not fish” for highly migratory fish stocks in the Convention Area beyond its area of national jurisdiction in the preceding year.

8. In order to more efficiently process vessel information provided for the purpose of maintaining the WCPFC Record of Fishing Vessels, WCPFC5 endorsed a TCC4 recommendation that the Secretariat, in consultation with CCMs, develop a web-based system for vessel record information. Such a system would allow CCM flag States to enter the details of vessels for which it is responsible directly to the WCPFC Record of Fishing Vessels. This system will be programmed to accept data consistent with the provisions of the Convention, CMM 2004-01, or any other decisions of the Commission relating to information requirements for individual vessels (e.g. VMS) for the purpose of maintaining the WCPFC Record of Fishing Vessels. A test version of the enhanced WCPFC Record of Fishing Vessels was completed by mid-August 2009 and will be made available in September 2009 on the WCPFC website for CCMs’ evaluation.

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<sup>1</sup> The Fifth Regular Session of the Commission (WCPFC5) granted Kiribati, Tuvalu and Nauru an exemption for 2009 from CMM 2004-01 to allow seven Ecuadorian vessels to fish in waters under their national jurisdiction.

*Development of the WCPFC Information Management System*

9. WCPFC5 endorsed a TCC4 recommendation regarding the development of an information management system (IMS) to support the work of the Commission, under the auspices of the TCC and the Secretariat, to manage information and data associated with monitoring the implementation of Conservation and Management Measures (CMMs) and other decisions adopted by the Commission, including CMM 2004-01.

10. Following an open request for expressions of interest for an IMS a contract has been signed with a database developer to build an IMS so that its contents can be readily administered and managed by the Secretariat, interrogated to produce ad-hoc reports and summarised for circulation to CCMs as required. The IMS will also have the capacity to cater for the data needs of future CMMs or changes in current CMMs.

**Advice and Recommendations**

11. TCC5 is invited to advise and recommend to the Commission:

- a. revisions to CMM 2004-01 so that anomalies identified in Attachment 2 are rectified; and
- b. that the Secretariat prepares an annual report for the TCC summarizing each CCMs' compliance with the information requirements for each vessel attributed listed in CMM 2004-01 or other decisions of the Commission relating to vessel attributes for vessels authorized to fish in the WCPFC Convention Area.

Attachment 1

Summary of information relating to vessel records and authorizations to fish submitted by CCMs and non-CCMs as of 27 August 2009

CCM	Total	Longline		Pole & Line		Purse Seine		Troll		Reefer		Other	
		>=24	<24	>=24	<24	>=24	<24	>=24	<24	>=24	<24	>=24	<24
Australia	124	13	56	0	0	7	2	0	0	1	0	3	42
Belize	7	6	0	0	0	0	0	0	0	1	0	0	0
Canada	2882	6	1	0	0	0	8	0	153	0	0	47	2667
China	325	293	13	0	0	9	0	0	0	10	0	0	0
Chinese Taipei	1931	693	1175	0	0	34	0	0	0	26	0	3	0
Cook Islands	23	15	8	0	0	0	0	0	0	0	0	0	0
Ecuador	7	0	0	0	0	7	0	0	0	0	0	0	0
El Salvador	2	0	0	0	0	2	0	0	0	0	0	0	0
European Union	124	52	0	0	0	53	0	0	0	18	0	1	0
French Polynesia	95	14	81	0	0	0	0	0	0	0	0	0	0
FSM	32	15	10	0	0	5	0	0	0	1	0	1	0
Fiji	56	49	7	0	0	0	0	0	0	0	0	0	0
Indonesia	496	0	163	0	18	0	158	0	0	0	1	0	156
Japan	1581	514	332	127	5	231	6	0	0	1	0	54	311
Kiribati	33	3	1	1	0	3	0	0	0	18	0	7	0
Korea	276	201	0	0	0	57	1	0	0	12	0	5	0
Marshall Islands	24	4	0	0	0	6	0	0	0	13	0	1	0
New Caledonia	27	6	21	0	0	0	0	0	0	0	0	0	0
New Zealand	6	0	1	0	0	4	0	0	0	0	0	0	1
PNG	33	12	12	0	0	6	0	0	0	2	0	0	1
Philippines	510	14	5	0	0	79	20	0	0	120	29	95	148
Solomon Islands	4	0	0	0	0	4	0	0	0	0	0	0	0
Tonga	6	5	1	0	0	0	0	0	0	0	0	0	0
Tuvalu	2	0	0	0	0	1	0	0	0	0	0	1	0
U.S.A.	490	44	105	1	25	41	3	11	241	0	0	0	19
Vanuatu	82	51	8	2	0	19	1	0	0	0	0	0	1
<b>Total</b>	<b>9178</b>	<b>2010</b>	<b>2000</b>	<b>131</b>	<b>48</b>	<b>568</b>	<b>199</b>	<b>11</b>	<b>394</b>	<b>223</b>	<b>30</b>	<b>218</b>	<b>3346</b>
Greater than 24m	3161	2010		131		568		11		223		218	
Less than 24m	6017		2000		48		199		394		30		3346

**Issues associated with anomalies in the type and quality of information provided by CCMs for their respective authorized vessels**

Required attribute	Ref. in CMM 2004-01	Issues
Name of the fishing vessel	Para. 5(a)	<ul style="list-style-type: none"> <li>Spelling, hyphenation and use of spaces leads to inconsistent data entry.</li> <li>Some CCMs use a number as the vessel's name.</li> </ul> <p><i>Proposal: Require online entry of vessel name by CCMs.</i></p>
Registration number	Para. 5(a)	<p>Hyphenation and use of spaces leads to inconsistent data entry.</p> <p><i>Proposal: Require online entry of registration number by CCMs.</i></p>
WCPFC Identification Number (WIN)	Para. 5(a)	<p>Some CCMs are not providing a WIN for their respective vessels.</p> <p><i>Proposal: If the WIN is to be the International Radio Call Sign, CCMs must state this when submitting details of authorized vessels.</i></p>
Previous names (if known)	Para. 5(a)	<p>Non-provision of a previous name may mean that the vessel lacks a previous name or the CCM has not provided this information.</p> <p><i>Proposal: Require online entry by CCMs of previous vessel name or indicate that the vessel does not have a previous name.</i></p>
Port of registry	Para. 5(a)	<p>Nine (9) CCMs have not provided a port of registry.</p> <p><i>Proposal: Require online entry of port of registry data by CCMs.</i></p>
Name and address of the owner or owners	Para. 5(b)	<p>Six (6) CCMs have not provided the name and address of the owner or owners.</p> <p><i>Proposal: Require online entry of name and address of the owner or owners by CCMs.</i></p>
Name and nationality of the master	Para. 5(c)	<p>Thirteen CCMs have not provided the name and nationality of the master.</p> <p><i>Proposal: Require online entry of name and nationality of the master by CCMs.</i></p>
Previous flag (if any)	Para. 5(d)	<p>Twenty-two CCMs either don't have this data or don't provide it to the Secretariat.</p> <p><i>Proposal: Require CCMs to state that their vessels don't have a previous flag if this is the case.</i></p>
International Radio Call Sign	Para. 5(e)	<p>Seven (7) CCMs don't require the use of an International Radio Call Sign.</p> <p><i>Proposal: Require CCMs to state that their vessels are not required to use an International Radio Call Sign.</i></p>
Vessel communication types and numbers (Inmarsat A, B and C numbers and satellite telephone number)	Para. 5(f)	<p>The majority of CCMs either don't have this equipment fitted to their vessels or don't provide the information as required.</p> <p><i>Proposal: Require online entry of vessel communication types and numbers by CCMs.</i></p>

Colour photograph of the vessel	Para. 5(g)	Sixteen (16) CCMs have not provided photographs for all of their authorized vessels. Some photographs depict vessels on slipways and against wharves, thus obscuring vessel markings. <i>Proposal: Require CCMs to provide recent, side-view photographs of vessels at sea.</i>
Where and when the vessel was built	Para. 5(h)	Nine (9) CCMS have not provided this information for their authorized vessels. There is inconsistency in the format of this information when it is provided. <i>Proposal: Require online entry of where and when the vessel was built by CCMs.</i>
Type of vessel	Para. 5(i)	Not described according to international classification of fishing vessels. <i>Proposal: Require online entry of type of vessel by CCMs.</i>
Normal crew complement	Para. 5(j)	Five (5) CCMs have not provided the normal crew complement for their authorized vessels. <i>Proposal: Require online entry of normal crew complement by CCMs.</i>
Type of fishing method or methods	Para. 5(k)	Not described according to international classification of fishing vessels. <i>Proposal: Require online entry of vessel data by CCMs.</i>
Length	Para. 5(l)	Several length types provided and no metric. <i>Proposal: Require online entry of length and unit of length data by CCMs.</i>
Moulded depth	Para. 5(m)	No metric. <i>Proposal: Require online entry of moulded depth and depth unit by CCMs.</i>
Beam	Para. 5(n)	No metric. <i>Proposal: Require online entry of beam and beam unit data by CCMs.</i>
Gross registered tonnage	Para. 5(o)	Gross Tonnage (GT) is accepted international practice <i>Proposal: Change to “Gross Tonnage (GT)”</i>
Power of main engine or engines	Para. 5(p)	No metric provided for engine power. <i>Proposal: Require online entry of engine power value and unit (HP/KW/PS) by CCMs.</i>
Carrying capacity, including freezer type, capacity and number, and fish hold capacity	Para. 5(q)	No metric provided for each capacity type. <i>Proposal: CCMs to provide units for each capacity type, e.g. cubic metres or metric tonnes when entering data online.</i>
Form and number of the authorization granted by the flag State including any specific areas, species and time periods for which it is valid	Para. 5(r)	Nine (9) CCMs have provided incomplete details for “Form of the Authorization”, “Authorization Number”, “Specific Geographic Areas of Fishing Operation” and “Target Fish Species”. <i>Proposal: CCMs to provide full details for each part of this attribute when entering data online.</i>



FR	FR	PF	ID	JP	KI	KR	MH	FM	NC	NZ
20 vessels	20 vessels	95 vessels	496 vessels	1581 vessels	33 vessels	276 vessels	24 vessels	32 vessels	27 vessels	6 vessels
<b>CMM 2004-01</b>	<b>% in compliance</b>									
<b>5(a):</b>										
Name of fishing vessel	100	100	100	100	100	100	100	100	100	100
Registration No.	100	100	100	100	100	100	100	100	100	100
WIN	100	91	100	76	100	95	100	100	100	100
Previous names (if known)	5	98	0	79	79	73	83	100	4	100
Port of registry	100	100	0	100	100	100	100	100	100	100
<b>5(b)</b>										
Name/Address of owner	100	100	99	100	100	100	100	100	100	100
<b>5(c)</b>										
Name/Nationality of master	0	99	0	100	97	100	100	100	100	100
<b>5(d)</b>										
Previous flag (if any)	0	98	0	79	79	73	83	100	4	100
<b>5(e)</b>										
IRCS	100	66	100	98.1	100	100	100	100	100	100
<b>5(f)</b>										
Vessel comm types and numbers (Inmarsat A, B, and C and tel #s)	0	0	0	62	64	89	29	91	100	100
<b>5(g)</b>										
Color photo of vessel	100	98	0	97	88	89	100	100	70	100
<b>5(h)</b>										
Where/when vessel built	0	100	35.5	100	100	100	100	100	100	100
<b>5(i)</b>										
Type of vessel	100	100	100	99.9	100	100	100	100	100	100
<b>5(j)</b>										
Normal crew complement	0	64.2	0	99.9	100	100	100	100	100	100
<b>5(k)</b>										
Type of fishing method/methods	100	100	100	99.9	100	100	100	100	100	100
<b>5(l)</b>										
Length	100	100	0	100	100	100	100	100	100	100
<b>5(m)</b>										
Moulded depth	0	58	0	100	97	100	100	100	93	84
<b>5(n)</b>										
Beam	0	100	0	100	100	100	100	100	100	100
<b>5(o)</b>										
GRT	100	97	99.9	100	100	100	100	97	100	100
<b>5(p)</b>										
Power of main engine/engines	100	100	99.9	99.3	97	100	100	100	100	100
<b>5(q)</b>										
Carrying capacity	0	0	0	95.3	66.7	84.8	95.8	96.9	100	33.3
Freezer type	0	97.9	0	8.7	57.6	8	95.8	37.5	100	0
Freezer Number	0	24.2	0	95.6	100	81.2	95.8	96.9	100	83.3
Fish hold capacity	0	0	0	92.2	66.7	90.9	99	99	100	100
<b>5(r)</b>										
Form of FS auth	0	98.9	0	31.5	84.8	49.6	100	100	100	100
Auth number	100	98.9	0	31.7	87.9	95.3	100	100	100	100
Specific areas auth	0	100	99.8	31.4	84.8	95.3	100	100	100	25
Species auth	0	98.9	0	31.4	54.5	94.2	100	96.9	100	0
Valid time periods	0	98.9	0	31	54.5	94.6	83.3	56.3	100	100
<b>Other</b>										
Fishing Status (F/D)	60	0	0	0	0	49.6	0	100	85.2	0
	<b>45.5</b>	<b>79.6</b>	<b>34.5</b>	<b>78</b>	<b>85.3</b>	<b>88.8</b>	<b>92.2</b>	<b>95.7</b>	<b>91.9</b>	<b>84.2</b>



Information Requirement	PG	PH	SB	TO	TV	US	VU	LI	PT	ES	UK	MT	CY	VL
	33 vessels	524 vessels	4 vessels	6 vessels	2 vessels	490 vessels	82 vessels	12 vessels	12 vessels	75 vessels	1 vessel	1 vessel	2 vessel	2 vessel
<b>CMM 2004-01</b>	<b>% in compliance</b>													
<b>5(a):</b>														
Name of fishing vessel	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Registration No.	100	100	100	100	100	100	100	100	100	100	100	100	100	100
WIN	100	72	100	83	100	100	100	100	100	100	100	100	100	100
Previous names (if known)	12	91	50	17	100	21	52	67	8	53	0	100	100	100
Port of registry	100	99	75	100	100	99	100	100	100	4	100	100	100	100
<b>5(b)</b>														
Name/Address of owner	15	100	100	92	100	100	100	100	100	100	100	100	100	100
<b>5(c)</b>														
Name/Nationality of master	15	98	100	17	99	96	100	100	50	55	0	100	100	100
<b>5(d)</b>														
Previous flag (if any)	12	91	50	17	100	21	52	100	0	53	0	100	100	100
<b>5(e)</b>														
IRCS	100	97.1	100	83.3	100	94.3	100	100	100	100	100	100	100	100
<b>5(f)</b>														
Vessel comm types and numbers (Inmarsat A, B, and C and tel #s)	12	63	0	0	100	2	100	100	0	55	0	100	100	100
<b>5(g)</b>														
Color photo of vessel	12	90	100	0	100	57	100	100	100	99	0	100	100	100
<b>5(h)</b>														
Where/when vessel built	15	99	100	17	100	100	100	100	100	55	0	100	100	50
<b>5(i)</b>														
Type of vessel	100	100	100	100	100	100	100	100	100	100	100	100	100	100
<b>5(j)</b>														
Normal crew complement	12.1	98.9	100	16.7	100	100	100	100	8	45	0	100	100	100
<b>5(k)</b>														
Type of fishing method/methods	100	100	100	100	100	100	100	100	100	100	100	100	100	100
<b>5(l)</b>														
Length	100	97.3	100	100	100	100	100	100	100	1	100	100	100	100
<b>5(m)</b>														
Moulded depth	12	98	100	17	100	99.9	100	100	100	44	0	100	100	100
<b>5(n)</b>														
Beam	12	47	100	17	100	99.4	100	100	0	44	0	100	100	100
<b>5(o)</b>														
GRT	100	99	100	100	100	99	100	100	100	100	100	100	100	100
<b>5(p)</b>														
Power of main engine/engines	12	90	100	17	100	86	100	100	100	4	100	100	100	100
<b>5(q)</b>														
Carrying capacity	12.1	0	100	16.7	100	1	98.8	33	0	64	0	100	100	100
Freezer type	3	82.7	0	0	100	22	0	0	0	0	0	100	100	100
Freezer Number	12.1	2.2	0	16.7	50	0	98.8	0	0	45	0	100	100	100
Fish hold capacity	12.1	62.5	75	0	50	0.8	99	33	75	55	0	0	100	100
<b>5(r)</b>														
Form of FS auth	15.2	100	0	100	100	100	100	0	0	60	0	100	100	50
Auth number	12.1	99.4	0	100	100	100	100	0	0	55	100	100	100	100
Specific areas auth	12.1	91	0	16.7	100	100	100	0	0	32	0	100	100	100
Species auth	12.1	90.1	0	16.7	50	100	100	0	0	53	0	100	100	100
Valid time periods	12.1	90.1	0	83.3	50	40.4	18.3	0	0	29	0	100	100	100
<b>Other</b>														
Fishing Status (F/D)	0	86.7	0	0	0	36.5	51.2	50	58	75	100	0	0	0
	<b>38.1</b>	<b>84.5</b>	<b>65</b>	<b>48.1</b>	<b>90</b>	<b>72.5</b>	<b>89</b>	<b>69.4</b>	<b>53.3</b>	<b>59.3</b>	<b>43.3</b>	<b>93.3</b>	<b>97</b>	<b>93</b>

## Alpha-2 Codes for Vessel Flags used in Attachment 3

Vessel Flag	Alpha-2 Code
Australia	AU
Belize	BZ
Canada	CA
China	CN
Cook Islands	CK
Chinese Taipei	CT
Ecuador	EC
El Salvador	SV
European Union	EU
Fiji	FJ
France	FR
French Polynesia	PF
Indonesia	ID
Japan	JP
Kiribati	KI
Korea	KR
Marshall Islands	MH
Federated States of Micronesia	FM
New Caledonia	NC
New Zealand	NZ
Papua New Guinea	PG
Philippines	PH
Solomon Islands	SB
Tonga	TO
Tuvalu	TV
USA	US
Vanuatu	VU