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**MEMORANDUM OF UNDERSTANDING  
BETWEEN  
THE COMMISSION FOR THE CONSERVATION AND MANAGEMENT OF HIGHLY  
MIGRATORY FISH STOCKS IN THE WESTERN AND CENTRAL PACIFIC OCEAN  
AND  
THE PACIFIC COMMUNITY**

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The Commission for the Conservation and Management of Highly Migratory Fish Stocks in the Western and Central Pacific Ocean (hereinafter referred to as “the WCPFC” or “the Commission”) and the Pacific Community (hereinafter referred to as “the SPC”):

**Recognizing** that the Commission is required to, *inter alia*:

- adopt measures to ensure long-term sustainability of highly migratory fish stocks in its Convention Area and promote the objective of their optimum utilization;
- ensure that such measures are based on the best scientific evidence available and are designed to maintain or restore stocks at levels capable of producing maximum sustainable yield, as qualified by relevant environmental and economic factors, including the special requirements of developing States in the Convention Area, particularly small island developing States, and taking into account fishing patterns, the interdependence of stocks and any generally recommended international minimum standards, whether subregional, regional, or global;
- assess the impacts of fishing, other human activities and environmental factors on target stocks, non-target species, and species belonging to the same ecosystem or dependent upon or associated with the target stocks;
- adopt measures to minimize waste, discards, catch by lost or abandoned gear, pollution originating from fishing vessels, catch of non-target species, both fish and non-fish species (hereinafter referred to as non-target species) and impacts on associated or dependent species, in particular endangered species and promote the development and use of selective, environmentally safe and cost-effective fishing gear and techniques;
- protect biodiversity in the marine environment;
- take measures to prevent or eliminate over-fishing and excess fishing capacity and to ensure that levels of fishing effort do not exceed those commensurate with the sustainable use of fishery resources;
- collect and share, in a timely manner, complete and accurate data concerning fishing activities on, *inter alia*, vessel position, catch of target and non-target species and fishing effort, as well as information from national and international research programs;
- obtain for its consideration the best scientific information available from the Scientific Committee through review of research results, encouraging and promoting cooperation in scientific research and assessing status of target or non-target stocks of interest;
- obtain advice and recommendations on conservation and management measures from the Technical and Compliance Committee, in collaboration with the Scientific Committee; and
- obtain recommendations from the Northern Committee on the formulation of such conservation and management measures as may be adopted by the Commission in respect of stocks which occur mostly in the area north of 20° north parallel and on the implementation of such measures for the area north of 20° north parallel;

**Noting** also that the Commission:

- may engage the services of scientific experts to provide information and advice on the fishery resources covered by its Convention and related matters that may be relevant to the conservation and management of those resources;
- may enter into administrative and financial arrangements to utilise scientific services for this purpose; and
- in order to carry out its functions in a cost-effective manner, shall, to the greatest extent possible, utilise the services of existing regional organizations and shall consult, as appropriate, with any other fisheries management, technical or scientific organizations with expertise in matters related to the work of the Commission;

**Recognizing** that the SPC, through the work of its Oceanic Fisheries Programme (hereinafter referred to as “the OFP”), seeks to:

- ensure that regional and national fisheries management authorities in its region of competence have access to high-quality scientific information and advice on the status of, and fishery impacts on, stocks targeted or otherwise impacted by regional oceanic fisheries;
- ensure that regional and national fisheries management authorities within its region of competence have access to accurate and comprehensive scientific data on fisheries targeting the region’s resources of tuna, billfish and other oceanic species including non-target species; and
- improve the understanding of pelagic ecosystems in the western and central Pacific Ocean, with a focus on the western tropical Pacific;

**Noting** also that the OFP, in pursuing these objectives, has, over a long period of time:

- developed and maintained a comprehensive database of catch, effort, size composition and other biological data from the oceanic fisheries of the western and central Pacific Ocean;
- conducted biological and ecological research on the target and non-target species impacted by the fisheries and their ecosystem;
- conducted regular stock assessments and associated analyses for highly migratory stocks of interest;
- provided a forum for the exchange of knowledge of oceanic fisheries in the western and central Pacific Ocean through the precursor to the Scientific Committee, the Standing Committee on Tuna and Billfish, and thus has an established international and regional network of scientific collaborators; and
- assisted SPC Member countries that are also Members of the Commission in the management of oceanic fisheries through the implementation of fishery monitoring and data management systems, the provision of scientific advice and the provision of national capacity building;

**Have agreed as follows:**

## **1. General cooperation**

The Commission and the SPC shall establish and maintain cooperation in respect of matters of common interest to the two organizations. In particular, the Commission and the SPC will:

- i. encourage reciprocal participation in relevant meetings of each organization;
- ii. encourage the collaboration of national scientists in the scientific work undertaken by, or on behalf of, the Commission;
- iii. actively and regularly exchange relevant meeting reports, information, project plans, documents, and publications regarding matters of mutual interest, up to the limits allowed by the information-sharing policies agreed by each organization’s members; and
- iv. consult on a regular basis to enhance cooperation and minimize duplication.

## **2. Provision of Scientific Services to the Commission by the SPC OFP**

The SPC OFP, in cooperation with other scientists, as appropriate, including those from Members of the Commission, will provide specific scientific services, as annually reviewed and agreed by both parties in Annex 1. Such services may include, *inter alia*, the following:

- i. data management services, including, as appropriate, the collection, compilation and dissemination of fisheries data according to agreed principles and procedures established by the Commission, data processing, and database development and maintenance, taking full account of the procedures and policies of both organizations relating to the confidentiality, disclosure and publication of data;
- ii. data summaries, identification of data gaps and analyses that the Commission may routinely require to carry out its functions;
- iii. other data summaries and analyses that the Commission may require from time to time;
- iv. Advice on the implementation of e-reporting and e-monitoring;
- v. regional stock assessments, CPUE standardization, sensitivity analysis and model refinement for key target and non-target species;
- vi. ecosystem analyses, including developing ecosystem modelling and application to management, ecological risk assessment and related work;
- vii. implementation of the approved Shark Research Plan, including stock assessment of key shark species, and refinement of the Shark Research Plan as needed;
- viii. scientific evaluation of potential management options, agreed conservation and management measures and related work;
- ix. development of management strategy evaluation to support the implementation of the harvest strategy framework;
- x. scientific advice in relation to the implementation of the Commission's vessel monitoring system, regional observer programme or other initiatives relating to fishing gear and technology, as appropriate;
- xi. design and implementation of biological, ecological or stock assessment research programmes requested by the Commission, including collaborative research programmes with other regional fishery management organizations; and
- xii. other advisory and technical services.

## **3. Provision of Assistance to Commission Members**

In support of Article 30 of the Convention on the Conservation and Management of Highly Migratory Fish Stocks in the Western and Central Pacific Ocean, the SPC will provide assistance to its Pacific Island Members to enhance their participation in the work of the Commission. Assistance may include, *inter alia*:

- i. assistance in monitoring the fishing activities of national fleets and foreign fleets fishing within Pacific Island exclusive economic zones;
- ii. assistance in data management, and in particular in satisfying the data reporting obligations to the Commission;
- iii. auditing of national fishery monitoring and data management systems;
- iv. assistance in the interpretation of scientific information being provided to the Commission;
- v. scientific advice for the management of national fisheries consistent with the objectives of the Commission; and
- vi. assistance in the implementation of management measures adopted by the Commission.

#### **4. Financial Support**

The Commission will provide financial support for the provision of scientific services and for the provision of assistance to Commission Members as agreed in Annex 1.

In respect of assistance to Pacific Island Commission Members, such assistance will normally be provided by SPC funding sources, or from the Commission's Special Requirements Fund, subject to procedures agreed by the Commission governing the use of that Fund and to the Commission's strategy for capacity building and operationalizing Article 30 of the Convention. Where assistance is to be funded from the Commission's Special Requirements Fund, this shall be included in the Service Agreement. In special circumstances, assistance may also be requested for non-Pacific Island Commission Members. Such assistance will be funded by the Commission (in which case it will be detailed in the Service Agreement) or directly by the countries concerned.

#### **5. General Administrative Arrangements**

- i. This MOU becomes effective upon the date of signature of the responsible representatives of both Parties.
- ii. This MOU may be modified by written consent of the responsible representatives of both Parties. The modified MOU becomes effective upon the date of signature of such consent.
- iii. If any dispute should arise between the Parties on the operation of this MOU, the Parties will make every effort to resolve the dispute themselves, or if necessary, by utilizing a mutually-acceptable arbiter.
- iv. Either Party may terminate this MOU by providing written notice to the other of its intention to withdraw from the MOU. Termination shall be effective on 31 December of the year in which such notice is given, or 90 days following such notice, whichever is later. Upon termination of the MOU, any uncommitted funds provided for scientific services and assistance shall be refunded to the Commission.
- v. A full review of the terms and operation of this MOU and its Annexes will be conducted in concert with any review of the scientific structure and functions of the Commission.

#### **6. Signature**

Signed on behalf of the Western and Central Pacific Fisheries Commission and the Secretariat of the Pacific Community:

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Feleti Teo, OBE  
Executive Director, WCPFC  
Date: 15 March 2016

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Dr Colin Tukuitonga  
Director-General, SPC  
Date: 15 March 2016

**ANNEX I**  
**Agreement for the Annual Provision of Scientific Services to the**  
**Commission and Assistance to Members by the Secretariat of the Pacific Community**  
(Pursuant to Article 2 of MOU)

**I. Period covered by this Agreement**

This Agreement is for the period from 1 January to 31 December, 2016 and will be reviewed annually and be extended by one calendar year.

**II. Specific Services and Terms of Reference for the Provision of Scientific Services for 2016**

The scientific services to be provided to the Commission by the SPC OFP during the period of this Agreement are as follows:

<b>Activity</b>	<b>Description of Service</b>	<b>Specific Outputs</b>	<b>Timing</b>	<b>Performance<sup>1</sup></b>
<i>Core SPC services</i>				
<i>1. Data management, statistical analyses and related services</i>				
<b>i.</b>	<i>Data Management</i>			
<b>ii.</b>	<i>Compilation of catch and effort estimates</i>			
<b>iii.</b>	<i>Data dissemination</i>			
<b>iv.</b>	<i>Technical / policy advice</i>			
<b>v.</b>	<i>Support of other data-related projects of the Commission</i>			
<i>2. Stock assessment and related analytical services</i>				
<b>vi.</b>	<i>Target species stock assessments and auxiliary analyses</i>			
<b>vii.</b>	<i>Implementation of the shark research plan (SRP)</i>			
<b>viii.</b>	<i>Model development and refinement</i>			

<sup>1</sup> To be completed by SPC and WCPFC in November each year and provided as a paper to the Regular Session of the WCPF Commission and its appropriate subsidiary bodies (e.g. FAC)

<b>3. Management analyses and CMM performance monitoring</b>				
<b>ix.</b>	<b><i>Conservation and Management Measure performance monitoring</i></b>			
<b>x.</b>	<b><i>Development of Harvest Strategy Framework</i></b>			
<b>xi.</b>	<b><i>Analyses to support development of Conservation and Management Measures</i></b>			
<b><i>Other advisory and technical services</i></b>				
<b>xii.</b>	<b><i>Other advisory and technical services</i></b>			

### III. Financial Support to be provided by the Commission

The financial support to be provided by the Commission to the SPC OFP for the services outlined above is as follows:

Item	Cost basis	USD
Data management, stock assessment, and other advisory and technical services	Costs based on SPC costs of scientific staff positions, administration costs, travel to SC, TCC and WCPFC annual sessions, and computer support.	
Resourcing for harvest strategy evaluation, including stock assessments <sup>2</sup>		
<b>Total Commission funding</b>		

### IV. Schedule for Payments and Bank Details for Payment

The schedule of payments shall be as follows:

30 March 2015 (or before)		<b>Name of Bank</b>	
30 April 2015 (or before)		<b>Address</b>	
30 June 2015 (or before)		<b>Account name</b>	
30 September 2015 (or before)		<b>Account Number</b>	

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Feleti Teo, OBE  
Executive Director, WCPFC

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Dr John Hampton  
Chief Scientist, SPC

Date :

Date :

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<sup>2</sup> Terms of reference for this resourcing includes:

- Further development of MULTIFAN-CL to support Management Strategy Evaluation and the Harvest Strategy development process
- Further enhancement of MULTIFAN-CL and its use in stock assessment to implement SC recommendations
- Maintain and further develop the MULTIFAN-CL website to facilitate access to software and support
- Implement a formal framework for management of MULTIFAN-CL code updates, testing new developments, updating the users' guide