



**TECHNICAL AND COMPLIANCE COMMITTEE**

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**TABLES OF COVERAGE LEVELS FOR OPERATIONAL DATA FIELDS SUBMITTED  
TO THE WCPFC**

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**WCPFC-TCC19-2023-IP04<sup>1</sup>**

**9 August 2023**

SPC-OFP

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<sup>1</sup> This paper was posted to SC19 as SC19-2023-ST-IP07



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**Tables of coverage levels  
for operational data fields submitted to the WCPFC**

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**WCPFC-SC19-2023-ST-IP07 rev1**

Paper prepared by

Oceanic Fisheries Programme (OFP)  
Pacific Community (SPC)

**Revision 1**

- Updates to departure and report port coverage based on new information

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## 1. Introduction

1. SC17 noted that the evaluation on data gaps regarding provision of operational catch and effort data required under the [Scientific Data to be Provided by the Commission](#) (SciData) is based on whether the field is included in a data submission, rather than on an evaluation of data quality or completeness. Even if a data field is included in the data submission, it is possible that it may not be completed for each fishing operation, but this level of completeness (coverage) for each data field has not been undertaken to date.

2. The following SC17 recommendation requesting the coverage for each operational data field, is aimed at improving the quality and completeness of the data in the future.

### Data gaps of the Commission

4. *SC17 recommended that the SSP add a new annex to the data gaps paper to include a breakdown of the coverage levels for each operational data field by year and fleet.*

3. This paper provides the latest tables (Tables 2–37) of the estimated coverage of data provided by GEAR, FLEET and YEAR, and the coverage levels for each required operational catch effort data field GEAR, FLEET and YEAR. Table 1 provides supplementary information on the format and contents of the tables presenting in this paper, although some tables also have notes specific to the table.

**Table 1. Notes on the information presented in the tables of this paper**

NOTES
White cells indicate years when the fleet was not active
Cells with “X” and black background indicate years when the fleet was active but operational data was not provided or yet to be loaded into the WCPFC databases. For example, (i) some logbook data have been received from Indonesia but coverage is very low (not representative) and key fields are missing so the data have not been unloaded, and (ii) logbook data have been received from Vietnam but they are using a national logbook and differentiation between longline and handline has not yet been finalized in the data submitted.
Coverage is represented with a % and colour coded to facilitate an overall visual impression of trends over time for each fleet.
This evaluation does <u>not</u> consider the special submission of historical operational longline data provided by Japan, Korea, Chinese Taipei and the USA which are specifically used for CPUE standardization analyses. The requirements for these data are different to the requirements under the <a href="#">Scientific Data to be Provided by the Commission</a> and so have not been considered here.
In some cases, the data fields for trip-level departure, return/unloading/transshipment information were not provided, although there is information available within daily records, and/or through VMS data to indicate the trip-level departure/return data fields. These tables represent the coverage when data fields for trip-level departure, return/unloading/transshipment information are provided only.

4. The WCPFC Scientific Service Provider (SSP) continues to engage with relevant CCMs to resolve some of the gaps presented in these tables.

5. This paper also provides an indication of the frequency of data (i.e. the number of CCMs providing data) for additional fields that are not currently required under the SciData (see Tables 38 and 39).

## 2. Longline fishery operational data fields

**Table 2. Coverage of Longline operational data submitted to the WCPFC**

Flag	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
AUSTRALIA	91%	100%	98%	94%	92%	89%	100%	100%	89%	87%	88%	90%	100%	100%	100%	100%	100%	100%	100%
BELIZE	35%	60%	82%	30%	45%	50%	X	X	36%	7%									
CHINA	26%	41%	34%	45%	28%	42%	57%	64%	59%	66%	98%	97%	100%	59%	62%	36%	68%	38%	78%
CHINESE TAIPEI - DWFN	19%	20%	17%	25%	29%	31%	22%	36%	41%	28%	38%	27%	90%	91%	100%	83%	100%	89%	91%
CHINESE TAIPEI - STLL	29%	35%	41%	36%	35%	39%	34%	40%	48%	41%	60%	32%	37%	76%	66%	71%	78%	89%	91%
COOK ISLANDS	94%	100%	100%	100%	100%	100%	99%	90%	61%	100%	100%	95%	100%	85%	100%	100%	100%	100%	100%
EU - PORTUGAL								X	X	X	26%	37%	63%						
EU - SPAIN	92%	100%	97%	100%	82%	80%	85%	93%	85%	96%	92%	87%	100%	100%	100%	100%	100%	100%	100%
FIJI	85%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	94%	100%	100%	100%	100%	100%	100%
FRENCH POLYNESIA	81%	80%	85%	82%	84%	83%	77%	74%	81%	91%	83%	94%	100%	100%	100%	100%	100%	100%	100%
FSM	100%	100%	100%	26%	81%	82%	95%	61%	72%	78%	57%	100%	65%	64%	72%	50%	93%	100%	93%
INDONESIA	5%	5%	5%	5%	6%	X	X	6%	8%	8%	7%	5%	X	X	X	X	X	X	X
JAPAN	22%	30%	44%	38%	45%	47%	48%	43%	46%	41%	45%	99%	98%	100%	100%	100%	100%	84%	85%
KIRIBATI					100%		X	51%	100%	100%	100%	40%	100%	100%	64%	76%	80%	100%	75%
KOREA	38%	21%	37%	62%	43%	50%	41%	37%	37%	40%	96%	97%	97%	100%	100%	100%	100%	100%	100%
MARSHALL ISLANDS	100%			69%	82%	55%	71%	79%	75%	100%			80%	63%	100%	95%	100%	100%	99%
NEW CALEDONIA	99%	100%	94%	97%	99%	99%	95%	100%	100%	97%	100%	100%	100%	100%	100%	97%	100%	100%	100%
NEW ZEALAND	67%	78%	80%	96%	67%	89%	87%	73%	83%	85%	70%	64%	97%	100%	86%	100%	90%	100%	100%
NIUE		100%	77%	100%	100%	21%	11%												
PALAU	19%													99%	82%	77%	57%		100%
PHILIPPINES	X	X	X	X	X	X	10%	19%	19%	17%	X								
PNG	91%	96%	100%	90%	88%	53%	100%	44%	61%	82%	75%	98%	77%	98%	93%	22%	100%		33%
SAMOA	56%	46%	35%	28%	27%	42%	58%	60%	86%	77%	100%	100%	100%	87%	100%	100%	71%	63%	97%
SENEGAL		X	100%	100%															
SOLOMON ISLANDS	100%	99%					6%	19%			9%	50%	81%		86%	95%	100%	100%	75%
TONGA	100%	78%	88%	92%	96%	94%	81%	69%	47%	56%	75%	94%	100%	100%	100%	100%	100%	100%	100%
TUVALU								100%	92%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
USA	45%	7%	X	83%	86%	85%	85%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
VANUATU	100%	100%	100%	100%	100%	100%	100%	93%	90%	71%	96%	89%	100%	77%	92%	74%	100%	94%	100%
VIETNAM	5%	5%	X	X	X	X	X	X	X	5%	5%	X	X	X	X	X	X	X	X

### Notes

1. The coverage of operational data provided has been determined by comparing the total catch in weight of the target species available in the operational data, to the total annual catch estimate of the target species.

**Table 3. Coverage levels of the VESSEL IDENTIFIER field - LONGLINE**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
AUSTRALIA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
BELIZE	100%	100%	100%	100%	100%	100%	X	X	100%	100%	100%								
CHINA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CHINESE TAIPEI - DWFN	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CHINESE TAIPEI - STLL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
COOK ISLANDS	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
EU - PORTUGAL								X	X	X	100%	100%	100%						
EU - SPAIN	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
FIJI	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
FRENCH POLYNESIA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
FSM	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
INDONESIA	100%	100%	100%	100%	100%	X	X	100%	100%	100%	100%	100%	X	X	X	X	X	X	X
JAPAN	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
KIRIBATI	100%				100%		X	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
KOREA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
MARSHALL ISLANDS	100%			100%	100%	100%	100%	100%	100%	100%		100%	100%	100%	100%	100%	100%	100%	100%
NEW CALEDONIA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
NEW ZEALAND	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
NIUE		100%	100%	100%	100%	100%	100%												
PALAU	100%												100%	100%	100%	100%	100%		100%
PHILIPPINES	X	X	X	X	X	X	100%	100%	100%	100%	100%	100%							
PNG	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%		100%
SAMOA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
SENEGAL		X	100%	100%															
SOLOMON ISLANDS	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
TONGA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
TUVALU		100%					100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
USA - AMERICAN SAMOA	100%	100%	X	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
USA - HAWAII	X	X	X	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
VANUATU	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
VIETNAM	100%	100%	X	X	X	X	X	X	X	100%	100%	X	X	X	X	X	X	X	X

**Table 4. Coverage levels of the DEPARTURE PORT field - LONGLINE**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
AUSTRALIA	0%	0%	0%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
BELIZE	98%	100%	96%	100%	100%	100%	X	X	100%	76%	0%								
CHINA	86%	91%	94%	97%	100%	93%	74%	76%	89%	86%	88%	58%	53%	58%	21%	97%	68%	69%	57%
CHINESE TAIPEI - DWFN	58%	63%	74%	90%	77%	81%	66%	75%	85%	92%	92%	100%	100%	100%	100%	100%	98%	77%	83%
CHINESE TAIPEI - STLL	89%	96%	96%	73%	84%	94%	98%	79%	96%	90%	81%	92%	89%	100%	100%	100%	100%	82%	84%
COOK ISLANDS	98%	99%	100%	100%	100%	100%	100%	100%	99%	98%	100%	100%	100%	93%	100%	100%	100%	100%	100%
EU - PORTUGAL								X	X	X	100%	100%	100%						
EU - SPAIN	100%	100%	100%	100%	100%	100%	100%	100%	93%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
FIJI	100%	100%	99%	97%	98%	95%	84%	66%	100%	99%	99%	99%	99%	98%	98%	100%	100%	100%	100%
FRENCH POLYNESIA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
FSM	100%	98%	87%	98%	100%	99%	98%	96%	84%	98%	98%	100%	100%	98%	100%	100%	100%	99%	100%
INDONESIA	0%	18%	98%	80%	100%	X	X	100%	94%	90%	100%	100%	X	X	X	X	X	X	X
JAPAN	98%	99%	99%	100%	97%	100%	99%	100%	98%	99%	99%	4%	0%	0%	1%	4%	13%	20%	24%
KIRIBATI	0%				22%		X	100%	100%	99%	98%	100%	47%	93%	100%	100%	99%	100%	100%
KOREA	92%	87%	93%	90%	93%	95%	97%	96%	98%	97%	12%	0%	0%	0%	0%	0%	0%	0%	0%
MARSHALL ISLANDS	100%			100%	98%	100%	79%	91%	100%	100%		100%	100%	100%	100%	100%	100%	100%	100%
NEW CALEDONIA	98%	100%	99%	97%	95%	99%	100%	97%	100%	99%	100%	100%	99%	98%	99%	100%	99%	100%	100%
NEW ZEALAND	0%	0%	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	100%	100%
NIUE		100%	100%	100%	100%	100%	100%												
PALAU	0%												100%	10%	20%	100%	100%		100%
PHILIPPINES	X	X	X	X	X	X	100%	73%	52%	8%	100%	0%							
PNG	95%	93%	99%	92%	87%	95%	94%	95%	97%	100%	100%	100%	100%	100%	86%	100%	100%		100%
SAMOA	100%	100%	100%	100%	100%	100%	100%	100%	100%	95%	88%	97%	100%	100%	100%	100%	100%	100%	100%
SENEGAL		X	100%	100%															
SOLOMON ISLANDS	99%	100%	100%	100%	100%	100%	92%	88%	100%	100%	100%	88%	77%	12%	39%	98%	100%	100%	100%
TONGA	100%	99%	100%	100%	99%	98%	95%	96%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
TUVALU		100%					100%	94%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
USA - AMERICAN SAMOA	99%	100%	X	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
USA - HAWAII	X	X	X	100%	100%	100%	100%	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
VANUATU	75%	90%	87%	96%	96%	78%	88%	98%	65%	75%	91%	95%	100%	98%	100%	100%	100%	100%	100%
VIETNAM	0%	0%	X	X	X	X	X	X	X	100%	0%	X	X	X	X	X	X	X	X



**Table 5. Coverage levels of the RETURN PORT field - LONGLINE**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
AUSTRALIA	0%	0%	0%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
BELIZE	98%	100%	96%	69%	34%	78%	X	X	16%	76%	0%								
CHINA	94%	90%	91%	97%	99%	81%	69%	72%	82%	80%	77%	48%	45%	58%	21%	97%	68%	69%	57%
CHINESE TAIPEI - DWFN	63%	49%	56%	88%	66%	63%	53%	51%	56%	91%	45%	100%	100%	100%	100%	100%	80%	76%	84%
CHINESE TAIPEI - STLL	90%	95%	94%	77%	86%	94%	97%	86%	96%	92%	82%	93%	89%	100%	100%	100%	85%	86%	83%
COOK ISLANDS	99%	98%	99%	99%	97%	98%	99%	99%	97%	93%	98%	99%	100%	93%	100%	100%	100%	100%	100%
EU - PORTUGAL								X	X	X	100%	100%	100%						
EU - SPAIN	100%	100%	100%	100%	100%	100%	100%	100%	93%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
FIJI	100%	100%	98%	96%	98%	93%	84%	65%	98%	98%	97%	98%	99%	98%	98%	100%	100%	100%	100%
FRENCH POLYNESIA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
FSM	100%	99%	87%	97%	100%	99%	98%	99%	96%	100%	98%	100%	100%	98%	100%	100%	100%	100%	100%
INDONESIA	100%	18%	100%	80%	0%	X	X	10%	20%	98%	53%	100%	X	X	X	X	X	X	X
JAPAN	97%	98%	98%	97%	88%	95%	92%	98%	95%	96%	98%	4%	0%	0%	1%	4%	13%	20%	24%
KIRIBATI	100%				22%		X	70%	91%	74%	85%	91%	44%	90%	100%	100%	99%	100%	100%
KOREA	70%	69%	68%	69%	61%	60%	71%	61%	56%	50%	6%	0%	0%	0%	0%	0%	0%	0%	0%
MARSHALL ISLANDS	35%			100%	98%	100%	79%	91%	100%	100%		100%	100%	100%	100%	100%	100%	100%	100%
NEW CALEDONIA	97%	100%	99%	88%	95%	99%	100%	97%	100%	99%	100%	100%	99%	98%	99%	100%	99%	100%	100%
NEW ZEALAND	0%	0%	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	98%	100%
NIUE		98%	100%	100%	100%	100%	100%												
PALAU	0%												100%	10%	20%	100%	100%		100%
PHILIPPINES	X	X	X	X	X	X	0%	0%	0%	8%	100%	0%							
PNG	94%	90%	99%	92%	89%	95%	96%	97%	97%	100%	100%	100%	100%	100%	86%	100%	100%		100%
SAMOA	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	89%	97%	100%	100%	100%	100%	100%	100%	100%
SENEGAL		X	100%	70%															
SOLOMON ISLANDS	99%	100%	100%	100%	100%	100%	92%	100%	92%	86%	98%	87%	77%	12%	39%	98%	100%	100%	100%
TONGA	100%	99%	100%	100%	99%	98%	90%	80%	100%	100%	91%	100%	100%	100%	100%	100%	100%	100%	100%
TUVALU		100%					100%	92%	91%	82%	62%	100%	100%	100%	100%	100%	100%	100%	100%
USA - AMERICAN SAMOA	100%	100%	X	100%	100%	100%	100%	100%	100%	97%	100%	100%	100%	100%	100%	100%	100%	100%	100%
USA - HAWAII	X	X	X	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
VANUATU	77%	82%	78%	90%	94%	59%	87%	95%	64%	68%	66%	75%	97%	98%	100%	100%	100%	100%	100%
VIETNAM	0%	0%	X	X	X	X	X	X	X	100%	0%	X	X	X	X	X	X	X	X



**Table 6. Coverage levels of the DEPARTURE DATE field - LONGLINE**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
AUSTRALIA	0%	0%	0%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
BELIZE	83%	96%	100%	100%	100%	100%	X	X	16%	100%	0%								
CHINA	89%	95%	97%	99%	99%	94%	79%	85%	79%	80%	86%	46%	41%	58%	21%	97%	68%	69%	57%
CHINESE TAIPEI - DWFN	70%	77%	91%	75%	73%	59%	68%	69%	57%	47%	81%	100%	100%	100%	100%	100%	100%	100%	100%
CHINESE TAIPEI - STLL	89%	93%	95%	98%	95%	100%	100%	99%	96%	98%	95%	96%	89%	100%	100%	100%	100%	100%	100%
COOK ISLANDS	99%	99%	100%	100%	100%	100%	99%	100%	100%	99%	99%	100%	100%	93%	100%	100%	100%	100%	100%
EU - PORTUGAL								X	X	X	100%	100%	0%						
EU - SPAIN	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
FIJI	99%	100%	100%	100%	100%	99%	99%	99%	98%	99%	99%	100%	100%	98%	98%	100%	100%	100%	100%
FRENCH POLYNESIA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
FSM	99%	99%	100%	99%	99%	100%	100%	94%	98%	100%	100%	100%	100%	98%	100%	100%	100%	100%	100%
INDONESIA	100%	18%	100%	100%	0%	X	X	44%	16%	0%	66%	13%	X	X	X	X	X	X	X
JAPAN	100%	100%	98%	100%	100%	99%	98%	98%	97%	100%	99%	100%	100%	100%	100%	100%	100%	100%	100%
KIRIBATI	100%				100%		X	76%	82%	46%	63%	100%	44%	90%	100%	100%	100%	100%	100%
KOREA	91%	86%	82%	83%	88%	87%	76%	66%	34%	67%	6%	0%	0%	0%	0%	0%	0%	0%	0%
MARSHALL ISLANDS	100%			100%	99%	100%	100%	99%	100%	100%		100%	100%	100%	100%	100%	100%	100%	100%
NEW CALEDONIA	98%	99%	99%	99%	100%	100%	99%	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
NEW ZEALAND	0%	0%	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	100%	100%
NIUE		100%	100%	100%	100%	100%	100%												
PALAU	0%												100%	10%	20%	100%	100%		100%
PHILIPPINES	X	X	X	X	X	X	100%	43%	48%	100%	100%	100%							
PNG	67%	74%	89%	93%	75%	81%	69%	89%	100%	99%	98%	100%	100%	100%	86%	100%	100%		100%
SAMOA	100%	100%	100%	100%	100%	100%	100%	100%	100%	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%
SENEGAL		X	94%	100%															
SOLOMON ISLANDS	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	77%	12%	39%	98%	100%	100%	100%
TONGA	100%	83%	100%	99%	100%	100%	100%	100%	100%	100%	99%	100%	100%	100%	100%	100%	100%	100%	100%
TUVALU		100%					100%	90%	100%	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%
USA - AMERICAN SAMOA	100%	100%	X	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
USA - HAWAII	X	X	X	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
VANUATU	77%	88%	75%	98%	99%	100%	100%	100%	100%	100%	98%	98%	95%	98%	100%	100%	100%	100%	100%
VIETNAM	100%	100%	X	X	X	X	X	X	X	100%	100%	X	X	X	X	X	X	X	X

**Table 7. Coverage levels of the RETURN DATE field - LONGLINE**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
AUSTRALIA	0%	0%	0%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
BELIZE	88%	92%	98%	69%	54%	100%	X	X	16%	100%	0%								
CHINA	86%	87%	94%	97%	99%	82%	71%	79%	75%	77%	73%	46%	41%	58%	20%	97%	68%	69%	57%
CHINESE TAIPEI - DWFN	48%	57%	55%	67%	60%	41%	54%	63%	52%	43%	65%	100%	100%	100%	100%	100%	100%	100%	100%
CHINESE TAIPEI - STLL	93%	93%	93%	95%	95%	97%	98%	98%	94%	96%	92%	96%	89%	100%	100%	100%	100%	100%	100%
COOK ISLANDS	98%	98%	100%	100%	100%	96%	99%	98%	98%	92%	96%	98%	100%	93%	100%	100%	100%	100%	100%
EU - PORTUGAL								X	X	X	100%	100%	0%						
EU - SPAIN	100%	100%	100%	100%	100%	100%	100%	100%	93%	100%	100%	88%	100%	100%	100%	100%	100%	100%	100%
FIJI	99%	100%	100%	99%	99%	92%	92%	99%	97%	99%	98%	100%	100%	98%	98%	100%	100%	100%	100%
FRENCH POLYNESIA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
FSM	96%	95%	99%	98%	99%	99%	98%	92%	96%	100%	100%	100%	100%	98%	100%	100%	100%	100%	100%
INDONESIA	0%	18%	100%	100%	0%	X	X	41%	13%	0%	19%	13%	X	X	X	X	X	X	X
JAPAN	98%	98%	98%	96%	94%	96%	97%	96%	97%	99%	99%	100%	100%	100%	100%	100%	100%	100%	100%
KIRIBATI	100%				100%		X	49%	83%	35%	36%	85%	44%	90%	100%	100%	100%	100%	100%
KOREA	66%	64%	65%	63%	57%	65%	45%	47%	20%	33%	3%	0%	0%	0%	0%	0%	0%	0%	0%
MARSHALL ISLANDS	100%				100%	99%	100%	99%	100%	100%		100%	100%	100%	100%	100%	100%	100%	100%
NEW CALEDONIA	92%	94%	96%	96%	97%	97%	95%	97%	99%	99%	99%	99%	100%	100%	100%	100%	100%	100%	100%
NEW ZEALAND	0%	0%	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	100%	100%
NIUE		96%	82%	95%	100%	100%	100%												
PALAU	0%												100%	10%	20%	100%	100%		100%
PHILIPPINES	X	X	X	X	X	X	100%	43%	48%	100%	100%	100%							
PNG	62%	69%	87%	89%	73%	62%	76%	97%	100%	99%	98%	100%	100%	100%	86%	100%	100%		100%
SAMOA	100%	100%	100%	100%	100%	100%	100%	100%	100%	98%	100%	100%	100%	100%	100%	100%	100%	100%	100%
SENEGAL		X	94%	100%															
SOLOMON ISLANDS	99%	100%	100%	100%	86%	100%	100%	100%	100%	100%	100%	90%	77%	12%	39%	98%	100%	100%	100%
TONGA	100%	84%	100%	99%	100%	100%	100%	100%	100%	100%	99%	100%	100%	100%	100%	100%	100%	100%	100%
TUVALU		100%					100%	90%	100%	79%	31%	100%	100%	100%	100%	100%	100%	100%	100%
USA - AMERICAN SAMOA	100%	100%	X	100%	100%	100%	99%	99%	100%	96%	100%	100%	100%	100%	100%	100%	100%	100%	100%
USA - HAWAII	X	X	X	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
VANUATU	79%	83%	61%	95%	99%	100%	99%	97%	100%	100%	94%	98%	95%	98%	100%	100%	100%	100%	100%
VIETNAM	100%	100%	X	X	X	X	X	X	X	100%	100%	X	X	X	X	X	X	X	X

**Table 8. Coverage levels of the POSITION fields - LONGLINE**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
AUSTRALIA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
BELIZE	100%	100%	100%	100%	100%	100%	X	X	100%	100%	100%								
CHINA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CHINESE TAIPEI - DWFN	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CHINESE TAIPEI - STLL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
COOK ISLANDS	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
EU - PORTUGAL								X	X	X	100%	100%	100%						
EU - SPAIN	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
FIJI	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
FRENCH POLYNESIA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
FSM	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
INDONESIA	100%	100%	100%	100%	100%	X	X	100%	100%	100%	100%	100%	X	X	X	X	X	X	X
JAPAN	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
KIRIBATI	100%				100%		X	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
KOREA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
MARSHALL ISLANDS	100%			100%	100%	100%	100%	100%	100%	100%		100%	100%	100%	100%	100%	100%	100%	100%
NEW CALEDONIA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
NEW ZEALAND	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
NIUE		100%	100%	100%	100%	100%	100%												
PALAU	100%												100%	100%	100%	100%	100%		100%
PHILIPPINES	X	X	X	X	X	X	100%	100%	100%	100%	100%	100%							
PNG	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%		100%
SAMOA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
SENEGAL		X	100%	100%															
SOLOMON ISLANDS	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
TONGA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
TUVALU		100%					100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
USA - AMERICAN SAMOA	100%	100%	X	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
USA - HAWAII	X	X	X	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
VANUATU	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
VIETNAM	100%	100%	X	X	X	X	X	X	X	100%	100%	X	X	X	X	X	X	X	X

**Table 9. Coverage levels of the ACTIVITY field - LONGLINE**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
AUSTRALIA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
BELIZE	100%	100%	100%	100%	100%	100%	X	X	100%	100%	100%								
CHINA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CHINESE TAIPEI - DWFN	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CHINESE TAIPEI - STLL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
COOK ISLANDS	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
EU - PORTUGAL								X	X	X	100%	100%	100%						
EU - SPAIN	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
FIJI	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
FRENCH POLYNESIA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
FSM	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
INDONESIA	100%	100%	100%	100%	100%	X	X	100%	100%	100%	100%	100%	X	X	X	X	X	X	X
JAPAN	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
KIRIBATI	100%				100%		X	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
KOREA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
MARSHALL ISLANDS	100%			100%	100%	100%	100%	100%	100%	100%		100%	100%	100%	100%	100%	100%	100%	100%
NEW CALEDONIA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
NEW ZEALAND	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
NIUE		100%	100%	100%	100%	100%	100%												
PALAU	100%												100%	100%	100%	100%	100%		100%
PHILIPPINES	X	X	X	X	X	X	100%	100%	100%	100%	100%	100%							
PNG	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%		100%
SAMOA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
SENEGAL		X	100%	100%															
SOLOMON ISLANDS	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
TONGA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
TUVALU		100%					100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
USA - AMERICAN SAMOA	100%	100%	X	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
USA - HAWAII	X	X	X	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
VANUATU	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
VIETNAM	100%	100%	X	X	X	X	X	X	X	100%	100%	X	X	X	X	X	X	X	X



**Table 10. Coverage levels of the ACTIVITY DATE field - LONGLINE**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
AUSTRALIA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
BELIZE	100%	100%	100%	100%	100%	100%	X	X	100%	100%	100%								
CHINA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CHINESE TAIPEI - DWFN	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CHINESE TAIPEI - STLL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
COOK ISLANDS	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
EU - PORTUGAL								X	X	X	100%	100%	100%						
EU - SPAIN	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
FIJI	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
FRENCH POLYNESIA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
FSM	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
INDONESIA	100%	100%	100%	100%	100%	X	X	100%	100%	100%	100%	100%	X	X	X	X	X	X	X
JAPAN	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
KIRIBATI	100%				100%		X	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
KOREA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
MARSHALL ISLANDS	100%			100%	100%	100%	100%	100%	100%	100%		100%	100%	100%	100%	100%	100%	100%	100%
NEW CALEDONIA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
NEW ZEALAND	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
NIUE		100%	100%	100%	100%	100%	100%												
PALAU	100%												100%	100%	100%	100%	100%		100%
PHILIPPINES	X	X	X	X	X	X	100%	100%	100%	100%	100%	100%							
PNG	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%		100%
SAMOA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
SENEGAL		X	100%	100%															
SOLOMON ISLANDS	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
TONGA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
TUVALU		100%					100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
USA - AMERICAN SAMOA	100%	100%	X	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
USA - HAWAII	X	X	X	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
VANUATU	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
VIETNAM	100%	100%	X	X	X	X	X	X	X	100%	100%	X	X	X	X	X	X	X	X

**Table 11. Coverage levels of the SET START TIME field - LONGLINE**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
AUSTRALIA	97%	98%	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
BELIZE	90%	99%	100%	99%	53%	83%	X	X	100%	100%	100%								
CHINA	78%	78%	90%	95%	99%	88%	98%	99%	99%	98%	99%	98%	98%	99%	100%	99%	100%	100%	100%
CHINESE TAIPEI - DWFN	47%	53%	65%	89%	58%	75%	97%	96%	93%	98%	92%	84%	98%	100%	100%	100%	100%	100%	100%
CHINESE TAIPEI - STLL	89%	86%	91%	95%	92%	98%	97%	94%	96%	96%	98%	99%	100%	100%	100%	100%	100%	100%	100%
COOK ISLANDS	93%	98%	92%	83%	17%	89%	100%	100%	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
EU - PORTUGAL								X	X	X	100%	100%	100%						
EU - SPAIN	0%	0%	0%	0%	0%	0%	0%	0%	0%	56%	100%	100%	100%	100%	100%	100%	100%	100%	100%
FIJI	56%	41%	93%	100%	99%	100%	99%	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
FRENCH POLYNESIA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
FSM	82%	95%	100%	100%	92%	99%	100%	100%	100%	100%	100%	100%	100%	100%	97%	100%	100%	100%	100%
INDONESIA	100%	100%	99%	100%	100%	X	X	100%	100%	100%	97%	100%	X	X	X	X	X	X	X
JAPAN	76%	87%	75%	65%	65%	55%	52%	69%	90%	98%	99%	93%	100%	100%	100%	100%	100%	100%	100%
KIRIBATI	100%				100%		X	100%	100%	99%	96%	90%	93%	70%	98%	94%	97%	100%	96%
KOREA	89%	95%	95%	96%	99%	90%	95%	94%	98%	95%	0%	0%	0%	0%	0%	0%	0%	0%	100%
MARSHALL ISLANDS	100%			100%	99%	98%	65%	93%	100%	100%		100%	100%	100%	100%	100%	100%	100%	100%
NEW CALEDONIA	62%	73%	76%	71%	94%	98%	99%	94%	93%	97%	97%	98%	100%	99%	100%	99%	97%	99%	100%
NEW ZEALAND	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
NIUE		100%	100%	74%	92%	100%	100%												
PALAU	100%												100%	100%	100%	100%	100%		100%
PHILIPPINES	X	X	X	X	X	X	100%	100%	100%	11%	0%	0%							
PNG	94%	95%	96%	100%	96%	98%	95%	95%	100%	98%	89%	100%	100%	100%	100%	100%	100%		100%
SAMOA	0%	0%	0%	0%	0%	0%	0%	37%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
SENEGAL		X	100%	100%															
SOLOMON ISLANDS	0%	0%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99%	100%	100%	100%	100%	100%	100%	99%
TONGA	96%	99%	94%	66%	45%	52%	100%	100%	100%	100%	100%	100%	100%	100%	99%	100%	100%	100%	100%
TUVALU		100%					100%	97%	97%	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%
USA - AMERICAN SAMOA	100%	100%	X	100%	98%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
USA - HAWAII	X	X	X	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
VANUATU	76%	80%	71%	87%	87%	99%	100%	98%	86%	87%	94%	99%	99%	100%	100%	100%	100%	100%	100%
VIETNAM	25%	29%	X	X	X	X	X	X	X	100%	100%	X	X	X	X	X	X	X	X

**Table 12. Coverage levels of the HOOKS SET field - LONGLINE**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
AUSTRALIA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
BELIZE	100%	100%	100%	100%	100%	100%	X	X	100%	100%	100%								
CHINA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CHINESE TAIPEI - DWFN	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CHINESE TAIPEI - STLL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
COOK ISLANDS	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
EU - PORTUGAL								X	X	X	100%	100%	100%						
EU - SPAIN	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
FIJI	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
FRENCH POLYNESIA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
FSM	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
INDONESIA	100%	100%	100%	100%	100%	X	X	100%	100%	100%	100%	100%	X	X	X	X	X	X	X
JAPAN	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
KIRIBATI	100%				100%		X	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
KOREA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
MARSHALL ISLANDS	100%			100%	100%	100%	100%	100%	100%	100%		100%	100%	100%	100%	100%	100%	100%	100%
NEW CALEDONIA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
NEW ZEALAND	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
NIUE		100%	100%	100%	100%	100%	100%												
PALAU	100%												100%	100%	100%	100%	100%		100%
PHILIPPINES	X	X	X	X	X	X	100%	100%	100%	100%	100%	100%							
PNG	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%		100%
SAMOA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
SENEGAL		X	100%	100%															
SOLOMON ISLANDS	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
TONGA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
TUVALU		100%					100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
USA - AMERICAN SAMOA	100%	100%	X	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
USA - HAWAII	X	X	X	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
VANUATU	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
VIETNAM	100%	100%	X	X	X	X	X	X	X	100%	100%	X	X	X	X	X	X	X	X



**Table 13. Coverage levels of the HOOKS BETWEEN FLOATS (PER BASKET) field – LONGLINE**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
AUSTRALIA	100%	99%	100%	94%	93%	93%	99%	99%	98%	97%	98%	98%	99%	100%	100%	99%	100%	96%	95%
BELIZE	55%	82%	63%	0%	0%	0%	X	X	87%	24%	100%								
CHINA	46%	31%	29%	29%	31%	25%	32%	54%	60%	77%	93%	89%	94%	98%	99%	99%	99%	99%	99%
CHINESE TAIPEI - DWFN	25%	46%	41%	50%	51%	54%	51%	51%	42%	31%	73%	87%	99%	100%	100%	100%	100%	100%	100%
CHINESE TAIPEI - STLL	34%	33%	30%	40%	39%	28%	51%	61%	67%	76%	83%	89%	98%	100%	100%	100%	100%	100%	100%
COOK ISLANDS	95%	96%	86%	81%	88%	97%	95%	96%	49%	86%	98%	99%	100%	100%	100%	100%	100%	100%	95%
EU - PORTUGAL								X	X	X	100%	100%	100%						
EU - SPAIN	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
FIJI	1%	5%	0%	1%	7%	35%	31%	14%	12%	41%	89%	98%	97%	89%	91%	92%	97%	99%	96%
FRENCH POLYNESIA	68%	73%	79%	79%	81%	79%	85%	81%	82%	74%	84%	97%	90%	85%	88%	93%	95%	90%	93%
FSM	66%	52%	35%	25%	26%	56%	51%	45%	70%	87%	90%	94%	99%	100%	97%	100%	100%	100%	100%
INDONESIA	0%	100%	92%	100%	100%	X	X	41%	39%	0%	100%	100%	X	X	X	X	X	X	X
JAPAN	76%	90%	90%	91%	62%	39%	47%	59%	53%	64%	94%	100%	100%	100%	100%	100%	100%	100%	100%
KIRIBATI	100%				69%		X	44%	77%	65%	51%	100%	100%	95%	87%	99%	98%	92%	99%
KOREA	81%	79%	88%	84%	74%	63%	61%	29%	21%	76%	100%	100%	100%	100%	100%	100%	100%	100%	100%
MARSHALL ISLANDS	0%			50%	8%	29%	26%	37%	83%	100%		100%	99%	98%	100%	100%	100%	100%	100%
NEW CALEDONIA	45%	53%	71%	69%	91%	78%	90%	50%	97%	99%	93%	97%	99%	97%	100%	98%	98%	98%	100%
NEW ZEALAND	0%	100%	100%	96%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	100%	100%
NIUE		84%	100%	89%	96%	100%	83%												
PALAU	0%												100%	100%	99%	100%	100%		100%
PHILIPPINES	X	X	X	X	X	X	100%	43%	0%	8%	0%	0%							
PNG	52%	37%	27%	20%	18%	27%	14%	2%	1%	71%	73%	99%	100%	99%	100%	100%	100%		93%
SAMOA	0%	0%	0%	0%	0%	0%	0%	37%	100%	99%	99%	100%	100%	99%	94%	95%	100%	100%	100%
SENEGAL		X	0%	0%															
SOLOMON ISLANDS	59%	48%	0%	0%	68%	0%	5%	87%	60%	89%	50%	93%	100%	100%	100%	99%	100%	100%	100%
TONGA	85%	94%	96%	96%	100%	81%	31%	52%	88%	91%	99%	100%	89%	100%	100%	100%	100%	100%	100%
TUVALU		0%					0%	0%	56%	88%	64%	87%	100%	100%	100%	100%	100%	100%	100%
USA - AMERICAN SAMOA	99%	99%	X	100%	100%	100%	100%	98%	98%	98%	100%	100%	100%	100%	98%	100%	100%	100%	100%
USA - HAWAII	X	X	X	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
VANUATU	8%	14%	19%	74%	37%	26%	94%	51%	18%	69%	86%	91%	99%	98%	100%	99%	98%	98%	99%
VIETNAM	33%	48%	X	X	X	X	X	X	X	100%	100%	X	X	X	X	X	X	X	X

**Table 14. Coverage levels of the KEY SPECIES – LONGLINE**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
AUSTRALIA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	93%	93%	100%	93%	93%
BELIZE	53%	47%	60%	40%	47%	33%	X	X	40%	33%	7%								
CHINA	60%	60%	60%	60%	60%	60%	60%	53%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CHINESE TAIPEI - DWFN	60%	60%	60%	60%	60%	60%	60%	53%	53%	67%	80%	73%	87%	80%	73%	73%	87%	87%	87%
CHINESE TAIPEI - STILL	60%	67%	60%	60%	60%	60%	60%	67%	80%	80%	87%	80%	87%	67%	80%	80%	87%	73%	87%
COOK ISLANDS	67%	60%	60%	60%	60%	60%	60%	87%	93%	93%	93%	100%	100%	100%	100%	100%	100%	87%	87%
EU - PORTUGAL								X	X	X	47%	47%	47%						
EU - SPAIN	47%	60%	67%	93%	93%	67%	47%	47%	73%	80%	67%	60%	60%	60%	53%	53%	60%	60%	60%
FIJI	60%	60%	67%	60%	60%	67%	67%	87%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
FRENCH POLYNESIA	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	93%	93%	93%	93%	93%	93%	93%	93%	93%
FSM	60%	60%	53%	53%	60%	60%	60%	53%	73%	80%	87%	100%	100%	100%	100%	100%	100%	93%	93%
INDONESIA	47%	47%	47%	40%	40%	X	X	47%	47%	53%	47%	27%	X	X	X	X	X	X	X
JAPAN	60%	60%	67%	60%	60%	60%	60%	53%	53%	67%	93%	80%	73%	80%	73%	73%	73%	73%	73%
KIRIBATI	40%				27%		X	40%	60%	60%	67%	60%	100%	87%	93%	73%	100%	73%	100%
KOREA	53%	47%	47%	47%	60%	60%	60%	53%	73%	87%	93%	93%	93%	93%	93%	93%	93%	93%	93%
MARSHALL ISLANDS	40%			27%	60%	53%	47%	47%	47%	40%		40%	87%	93%	93%	93%	87%	93%	93%
NEW CALEDONIA	53%	53%	53%	53%	53%	60%	87%	80%	80%	67%	53%	100%	100%	93%	93%	93%	93%	93%	100%
NEW ZEALAND	80%	80%	73%	80%	80%	80%	80%	73%	80%	87%	87%	87%	87%	73%	80%	73%	80%	80%	73%
NIUE		60%	60%	60%	53%	47%	40%												
PALAU	20%													27%	93%	93%	93%	20%	73%
PHILIPPINES	X	X	X	X	X	X	40%	40%	40%	60%	27%	33%							
PNG	60%	53%	53%	53%	53%	53%	47%	53%	53%	80%	87%	87%	67%	73%	67%	67%	53%		87%
SAMOA	47%	47%	53%	73%	47%	53%	67%	87%	87%	87%	93%	87%	93%	87%	100%	100%	93%	87%	93%
SENEGAL		X	53%	60%															
SOLOMON ISLANDS	47%	33%	40%	40%	33%	40%	47%	53%	53%	53%	67%	87%	80%	73%	80%	93%	87%	87%	93%
TONGA	60%	60%	60%	73%	60%	53%	60%	60%	60%	53%	80%	73%	93%	73%	67%	73%	67%	80%	60%
TUVALU		33%					53%	60%	60%	53%	53%	47%	40%	93%	93%	53%	53%	60%	40%
USA - AMERICAN SAMOA	87%	73%	X	93%	67%	93%	93%	87%	93%	93%	93%	87%	87%	93%	93%	80%	80%	80%	80%
USA - HAWAII	X	X	X	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	87%	93%	93%	93%	93%
VANUATU	53%	60%	60%	60%	60%	67%	60%	73%	80%	93%	80%	73%	87%	100%	100%	87%	100%	93%	93%
VIETNAM	27%	27%	X	X	X	X	X	X	X	13%	33%	X	X	X	X	X	X	X	X

**Notes**

1. There is a total of 15 separate WCPFC Key Species/Species groups : Albacore tuna, bigeye tuna, skipjack tuna, yellowfin tuna, striped marlin, blue marlin, black marlin, swordfish, blue shark, silky shark, oceanic whitetip shark, mako sharks, thresher sharks, porbeagle shark, hammerhead sharks. Whale sharks are not expected to be in the longline catch.
2. The coverage of KEY SPECIES is a measure of whether there is at least one record of each of the WCPFC Key species/species groups in the available data for each FLAG/YEAR combination. For example, if all 15 key species/species groups were recorded in one year, then the coverage for key species would be 100%.

### 3. Purse seine fishery operational data fields

**Table 15. Coverage of Purse seine operational data submitted to the WCPFC**

Flag	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
CHINA	60%	72%	57%	79%	50%	84%	83%	63%	85%	86%	100%	100%	100%	34%	94%				100%
CHINESE TAIPEI	100%	100%	99%	97%	98%	93%	84%	88%	73%	91%	91%	92%	96%	100%	100%	100%	100%	100%	100%
COOK ISLANDS																100%	100%	100%	100%
ECUADOR	X	X	X	80%	65%	100%	100%	100%	93%	98%	100%	100%	100%	100%	63%	71%	82%	87%	73%
EL SALVADOR				96%	92%	90%	100%	100%	100%	100%	46%	100%	100%	69%	100%	100%	100%	100%	100%
EU - SPAIN	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
FSM	100%	100%	100%	100%	100%	100%	100%	92%	99%	100%	100%	100%	100%	90%	100%	83%	96%	100%	100%
INDONESIA	X	X	X	X	X	X	10%	X	X	X	X	X	X	X	X	X	X	X	X
JAPAN	100%	63%	69%	69%	51%	47%	92%	96%	92%	41%	61%	100%	100%	100%	100%	100%	100%	62%	37%
KIRIBATI	100%	97%	100%	100%	100%	100%	94%	78%	94%	91%	91%	95%	93%	100%	100%	100%	99%	100%	100%
KOREA	96%	100%	100%	100%	100%	100%	99%	100%	100%	100%	98%	100%	100%	100%	100%	100%	99%	97%	91%
MARSHALL ISLANDS	100%	100%	100%	100%	100%	100%	100%	88%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
MEXICO																			
NAURU																100%	100%	100%	100%
NEW ZEALAND	76%	100%	100%	94%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	86%	
PHILIPPINES	92%	25%	32%	28%	50%	43%	50%	51%	64%	69%	58%	72%	50%	26%	20%	37%	30%	8%	15%
PNG	97%	100%	100%	100%	100%	100%	95%	100%	100%	100%	90%	93%	70%	90%	85%	72%	100%	100%	100%
SOLOMON ISLANDS	92%	53%	84%	99%	100%	100%	100%	100%	90%	99%	82%	90%	75%	99%	99%	100%	100%	100%	100%
SOVIET UNION																			
TUVALU						100%	95%	100%	97%	100%	100%	100%	100%	100%	100%	78%	100%	100%	100%
USA	100%	100%	100%	97%	99%	98%	100%	100%	100%	100%	99%	88%	100%	100%	100%	100%	100%	100%	86%
VANUATU	100%	90%	100%	89%	98%	100%	97%	79%	100%	100%	100%	97%	100%	100%	100%	100%	100%	100%	100%
VIETNAM	X	X	X	X	X	X	X	X	X	X	5%	X	X	X	X	X	X	X	X

#### Notes

1. The coverage of operational data provided has been determined by comparing the total catch in weight of the target species available in the operational data, to the total annual catch estimate of the target species.
2. The coverage of operational data for Japan is for the tropical fishery only (south of 20°N).

**Table 16. Coverage levels of the VESSEL IDENTIFIER field - PURSE SEINE**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
CHINA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%			100%
CHINESE TAIPEI	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
COOK ISLANDS																100%	100%	100%	100%
ECUADOR	X	X	X	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
EL SALVADOR				100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
EU - SPAIN	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
FSM	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
INDONESIA	X	X	X	X	X	X	100%	X	X	X	X	X	X	X	X	X	X	X	X
JAPAN	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
KIRIBATI	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
KOREA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
MARSHALL ISLANDS	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
NAURU															100%	100%	100%	100%	100%
NEW ZEALAND	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	X
PHILIPPINES	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
PNG	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
SOLOMON ISLANDS	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
TUVALU						100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
USA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
VANUATU	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
VIETNAM	X	X	X	X	X	X	X	X	X	X	100%	X	X	X	X	X	X	X	X



**Table 17. Coverage levels of the DEPARTURE PORT field - PURSE SEINE**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
CHINA	95%	98%	95%	97%	100%	100%	100%	100%	98%	100%	99%	97%	30%	100%	100%	100%			100%
CHINESE TAIPEI	100%	99%	99%	100%	100%	100%	100%	100%	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
COOK ISLANDS																100%	100%	100%	100%
ECUADOR	X	X	X	82%	98%	87%	92%	100%	84%	95%	95%	100%	100%	100%	100%	100%	100%	100%	100%
EL SALVADOR				0%	0%	6%	49%	90%	84%	63%	23%	54%	0%	100%	100%	100%	100%	100%	100%
EU - SPAIN	51%	63%	0%	9%	21%	63%	46%	82%	55%	96%	57%	76%	0%	0%	0%	0%	0%	0%	100%
FSM	100%	100%	100%	94%	97%	100%	98%	100%	100%	100%	96%	100%	100%	100%	100%	100%	100%	100%	100%
INDONESIA	X	X	X	X	X	X	100%	X	X	X	X	X	X	X	X	X	X	X	X
JAPAN	100%	100%	100%	100%	99%	100%	100%	100%	100%	100%	99%	26%	3%	0%	0%	0%	0%	0%	100%
KIRIBATI	100%	100%	100%	100%	100%	95%	95%	100%	98%	98%	99%	100%	98%	100%	100%	100%	100%	100%	100%
KOREA	93%	97%	97%	100%	100%	99%	99%	100%	98%	96%	99%	100%	100%	100%	100%	100%	100%	100%	100%
MARSHALL ISLANDS	95%	96%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
NAURU																100%	100%	100%	100%
NEW ZEALAND	62%	56%	75%	70%	71%	84%	74%	59%	63%	60%	64%	55%	59%	39%	48%	50%	10%	0%	X
PHILIPPINES	42%	59%	42%	67%	76%	90%	66%	47%	91%	75%	71%	56%	100%	100%	72%	100%	100%	100%	100%
PNG	73%	79%	82%	95%	95%	96%	97%	95%	94%	95%	92%	99%	99%	100%	86%	100%	100%	100%	100%
SOLOMON ISLANDS	0%	71%	93%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
TUVALU						100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
USA	100%	97%	100%	98%	100%	100%	100%	100%	100%	100%	100%	100%	98%	98%	99%	100%	100%	100%	100%
VANUATU	94%	98%	98%	100%	95%	98%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
VIETNAM	X	X	X	X	X	X	X	X	X	X	0%	X	X	X	X	X	X	X	X

**Table 18. Coverage levels of the RETURN PORT field - PURSE SEINE**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
CHINA	75%	92%	96%	98%	100%	97%	95%	100%	94%	100%	98%	96%	30%	100%	100%	100%			100%
CHINESE TAIPEI	95%	97%	98%	100%	99%	99%	100%	100%	99%	100%	99%	97%	99%	100%	100%	100%	100%	100%	100%
COOK ISLANDS																100%	100%	100%	100%
ECUADOR	X	X	X	82%	98%	87%	98%	100%	79%	89%	93%	100%	100%	100%	100%	100%	100%	100%	100%
EL SALVADOR				0%	0%	14%	49%	95%	72%	74%	14%	54%	0%	60%	100%	100%	100%	100%	100%
EU - SPAIN	51%	63%	0%	15%	61%	71%	46%	82%	62%	98%	57%	68%	0%	0%	0%	0%	0%	0%	100%
FSM	100%	100%	100%	100%	100%	100%	100%	100%	98%	98%	99%	96%	100%	100%	100%	100%	100%	100%	100%
INDONESIA	X	X	X	X	X	X	79%	X	X	X	X	X	X	X	X	X	X	X	X
JAPAN	100%	99%	100%	99%	99%	98%	99%	100%	100%	99%	97%	26%	1%	0%	0%	0%	0%	0%	100%
KIRIBATI	81%	98%	100%	100%	100%	100%	97%	100%	100%	92%	90%	92%	97%	100%	100%	100%	100%	100%	100%
KOREA	75%	92%	95%	97%	98%	99%	100%	99%	97%	94%	96%	99%	100%	100%	100%	100%	100%	100%	100%
MARSHALL ISLANDS	100%	95%	99%	100%	100%	97%	93%	99%	99%	99%	100%	99%	100%	100%	100%	100%	100%	100%	100%
NAURU																100%	100%	100%	100%
NEW ZEALAND	62%	56%	70%	70%	63%	83%	68%	59%	63%	54%	64%	55%	59%	39%	48%	50%	10%	0%	X
PHILIPPINES	24%	55%	34%	52%	70%	68%	28%	30%	73%	55%	67%	56%	100%	100%	77%	99%	100%	100%	100%
PNG	70%	75%	83%	95%	84%	85%	88%	82%	86%	90%	88%	97%	99%	100%	86%	100%	100%	100%	100%
SOLOMON ISLANDS	0%	71%	91%	98%	100%	100%	100%	100%	100%	100%	100%	98%	100%	100%	100%	100%	100%	100%	100%
TUVALU						100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
USA	98%	98%	100%	100%	99%	100%	100%	100%	100%	100%	100%	99%	99%	99%	100%	100%	100%	100%	100%
VANUATU	97%	98%	98%	99%	95%	96%	100%	100%	100%	100%	100%	86%	100%	100%	100%	100%	100%	100%	100%
VIETNAM	X	X	X	X	X	X	X	X	X	X	0%	X	X	X	X	X	X	X	X

**Table 19. Coverage levels of the DEPARTURE DATE field - PURSE SEINE**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
CHINA	95%	97%	99%	100%	100%	100%	100%	98%	98%	100%	100%	100%	100%	100%	100%	100%			100%
CHINESE TAIPEI	98%	95%	100%	99%	100%	100%	100%	100%	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
COOK ISLANDS																100%	100%	100%	100%
ECUADOR	X	X	X	82%	98%	100%	100%	100%	98%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
EL SALVADOR				0%	0%	36%	63%	95%	97%	74%	29%	83%	0%	100%	100%	100%	100%	100%	100%
EU - SPAIN	51%	63%	0%	15%	61%	71%	46%	82%	75%	98%	59%	76%	0%	0%	0%	0%	0%	0%	100%
FSM	100%	99%	100%	100%	100%	100%	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
INDONESIA	X	X	X	X	X	X	100%	X	X	X	X	X	X	X	X	X	X	X	X
JAPAN	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
KIRIBATI	100%	100%	100%	100%	100%	100%	100%	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
KOREA	90%	98%	97%	99%	99%	99%	99%	100%	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
MARSHALL ISLANDS	96%	74%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
NAURU																100%	100%	100%	100%
NEW ZEALAND	62%	56%	75%	70%	71%	84%	74%	59%	63%	60%	64%	55%	59%	39%	48%	50%	10%	0%	X
PHILIPPINES	19%	66%	51%	47%	43%	44%	43%	35%	85%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
PNG	73%	85%	82%	93%	84%	95%	96%	85%	96%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
SOLOMON ISLANDS	0%	71%	83%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
TUVALU						100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
USA	99%	98%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
VANUATU	98%	98%	100%	94%	97%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
VIETNAM	X	X	X	X	X	X	X	X	X	X	100%	X	X	X	X	X	X	X	X



**Table 20. Coverage levels of the RETURN DATE field - PURSE SEINE**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
CHINA	75%	91%	98%	100%	99%	99%	100%	97%	98%	99%	100%	100%	100%	100%	100%	100%			100%
CHINESE TAIPEI	93%	96%	99%	100%	99%	98%	100%	99%	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
COOK ISLANDS																100%	100%	100%	100%
ECUADOR	X	X	X	69%	92%	100%	100%	100%	98%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
EL SALVADOR				0%	0%	14%	63%	95%	97%	74%	29%	83%	0%	100%	100%	100%	100%	100%	100%
EU - SPAIN	36%	43%	0%	15%	61%	71%	46%	82%	75%	98%	59%	76%	0%	0%	0%	0%	0%	0%	100%
FSM	95%	100%	100%	100%	100%	100%	99%	98%	97%	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%
INDONESIA	X	X	X	X	X	X	79%	X	X	X	X	X	X	X	X	X	X	X	X
JAPAN	100%	99%	99%	99%	100%	98%	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
KIRIBATI	81%	98%	100%	100%	100%	100%	100%	98%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
KOREA	75%	95%	94%	96%	98%	99%	100%	97%	98%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
MARSHALL ISLANDS	97%	74%	99%	100%	100%	99%	93%	97%	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
NAURU																100%	100%	100%	100%
NEW ZEALAND	62%	56%	75%	70%	67%	84%	74%	53%	55%	60%	64%	55%	59%	39%	48%	50%	10%	0%	X
PHILIPPINES	16%	50%	41%	30%	27%	28%	25%	23%	67%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
PNG	71%	82%	82%	95%	75%	87%	95%	82%	87%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
SOLOMON ISLANDS	0%	71%	91%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
TUVALU						100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
USA	98%	99%	98%	97%	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
VANUATU	91%	98%	98%	93%	97%	95%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
VIETNAM	X	X	X	X	X	X	X	X	X	X	100%	X	X	X	X	X	X	X	X

**Table 21. Coverage levels of the POSITION fields - PURSE SEINE**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
CHINA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%			100%
CHINESE TAIPEI	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
COOK ISLANDS																100%	100%	100%	100%
ECUADOR	X	X	X	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
EL SALVADOR				100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
EU - SPAIN	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
FSM	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
INDONESIA	X	X	X	X	X	X	100%	X	X	X	X	X	X	X	X	X	X	X	X
JAPAN	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
KIRIBATI	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
KOREA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
MARSHALL ISLANDS	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
NAURU															100%	100%	100%	100%	100%
NEW ZEALAND	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	X
PHILIPPINES	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
PNG	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
SOLOMON ISLANDS	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
TUVALU						100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
USA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
VANUATU	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
VIETNAM	X	X	X	X	X	X	X	X	X	X	100%	X	X	X	X	X	X	X	X

**Table 22. Coverage levels of the ACTIVITY field - PURSE SEINE**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
CHINA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%			100%
CHINESE TAIPEI	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
COOK ISLANDS																100%	100%	100%	100%
ECUADOR	X	X	X	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
EL SALVADOR				100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
EU - SPAIN	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
FSM	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
INDONESIA	X	X	X	X	X	X	100%	X	X	X	X	X	X	X	X	X	X	X	X
JAPAN	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
KIRIBATI	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
KOREA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
MARSHALL ISLANDS	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
NAURU															100%	100%	100%	100%	100%
NEW ZEALAND	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	X
PHILIPPINES	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
PNG	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
SOLOMON ISLANDS	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
TUVALU						100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
USA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
VANUATU	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
VIETNAM	X	X	X	X	X	X	X	X	X	X	100%	X	X	X	X	X	X	X	X

**Table 23. Coverage levels of the ACTIVITY DATE field - PURSE SEINE**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
CHINA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%			100%
CHINESE TAIPEI	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
COOK ISLANDS																100%	100%	100%	100%
ECUADOR	X	X	X	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
EL SALVADOR				100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
EU - SPAIN	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
FSM	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
INDONESIA	X	X	X	X	X	X	100%	X	X	X	X	X	X	X	X	X	X	X	X
JAPAN	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
KIRIBATI	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
KOREA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
MARSHALL ISLANDS	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
NAURU															100%	100%	100%	100%	100%
NEW ZEALAND	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	X
PHILIPPINES	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
PNG	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
SOLOMON ISLANDS	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
TUVALU						100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
USA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
VANUATU	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
VIETNAM	X	X	X	X	X	X	X	X	X	X	100%	X	X	X	X	X	X	X	X

**Table 24. Coverage levels of the SET START TIME field - PURSE SEINE**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
CHINA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%			100%
CHINESE TAIPEI	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
COOK ISLANDS																100%	100%	100%	100%
ECUADOR	X	X	X	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
EL SALVADOR				100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
EU - SPAIN	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
FSM	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
INDONESIA	X	X	X	X	X	X	100%	X	X	X	X	X	X	X	X	X	X	X	X
JAPAN	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
KIRIBATI	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
KOREA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
MARSHALL ISLANDS	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
NAURU															100%	100%	100%	100%	100%
NEW ZEALAND	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	X
PHILIPPINES	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
PNG	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
SOLOMON ISLANDS	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
TUVALU						100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
USA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
VANUATU	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
VIETNAM	X	X	X	X	X	X	X	X	X	X	100%	X	X	X	X	X	X	X	X

**Table 25. Coverage levels of the END START TIME field - PURSE SEINE**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
CHINA	0%	0%	0%	3%	57%	100%	99%	99%	99%	97%	98%	96%	100%	98%	96%	95%			100%
CHINESE TAIPEI	0%	0%	0%	0%	41%	99%	100%	100%	99%	99%	98%	100%	100%	100%	100%	99%	100%	100%	100%
COOK ISLANDS																100%	100%	100%	99%
ECUADOR	X	X	X	0%	0%	0%	11%	5%	4%	13%	80%	94%	100%	99%	100%	100%	100%	100%	100%
EL SALVADOR				0%	0%	0%	0%	0%	0%	43%	8%	38%	0%	19%	99%	100%	100%	100%	100%
EU - SPAIN	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	44%
FSM	0%	0%	0%	0%	15%	26%	21%	25%	39%	64%	78%	90%	100%	100%	100%	99%	99%	99%	99%
INDONESIA	X	X	X	X	X	X	100%	X	X	X	X	X	X	X	X	X	X	X	X
JAPAN	100%	0%	0%	0%	28%	65%	99%	100%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	95%
KIRIBATI	0%	0%	0%	0%	36%	92%	100%	99%	99%	100%	99%	99%	100%	100%	100%	99%	100%	100%	100%
KOREA	0%	0%	0%	0%	7%	97%	98%	100%	100%	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%
MARSHALL ISLANDS	0%	0%	0%	0%	0%	60%	77%	80%	81%	81%	80%	93%	99%	100%	100%	100%	99%	100%	100%
NAURU																100%	100%	100%	100%
NEW ZEALAND	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	X
PHILIPPINES	45%	0%	0%	3%	8%	28%	91%	96%	96%	88%	87%	54%	86%	89%	100%	99%	98%	99%	99%
PNG	0%	0%	0%	0%	17%	96%	98%	99%	99%	99%	100%	100%	99%	99%	100%	99%	100%	100%	100%
SOLOMON ISLANDS	0%	0%	0%	0%	50%	99%	100%	99%	99%	100%	98%	99%	99%	100%	100%	95%	100%	100%	100%
TUVALU						100%	100%	100%	100%	100%	100%	100%	100%	100%	99%	100%	100%	100%	100%
USA	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	13%	27%	15%	10%	4%	2%	2%	17%	54%
VANUATU	0%	0%	0%	0%	20%	68%	84%	100%	98%	100%	100%	99%	100%	100%	100%	100%	100%	100%	100%
VIETNAM	X	X	X	X	X	X	X	X	X	X	100%	X	X	X	X	X	X	X	X

**Table 26. Coverage levels of the SET TYPE field - PURSE SEINE**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
CHINA	94%	91%	99%	93%	99%	100%	99%	99%	99%	100%	100%	100%	30%	100%	100%	100%			100%
CHINESE TAIPEI	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99%	100%	100%	100%	100%	100%
COOK ISLANDS																100%	100%	100%	99%
ECUADOR	X	X	X	91%	94%	100%	98%	99%	100%	99%	97%	100%	100%	100%	100%	100%	100%	100%	100%
EL SALVADOR				100%	100%	100%	100%	100%	100%	100%	100%	99%	100%	100%	100%	99%	100%	100%	100%
EU - SPAIN	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
FSM	100%	99%	100%	99%	100%	100%	99%	100%	100%	100%	99%	99%	97%	100%	96%	99%	100%	100%	100%
INDONESIA	X	X	X	X	X	X	100%	X	X	X	X	X	X	X	X	X	X	X	X
JAPAN	100%	99%	99%	99%	99%	99%	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
KIRIBATI	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99%	100%	97%	100%	100%	100%	100%	100%	100%
KOREA	97%	99%	100%	99%	99%	100%	99%	100%	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
MARSHALL ISLANDS	100%	100%	95%	99%	98%	100%	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
NAURU																100%	100%	100%	100%
NEW ZEALAND	100%	100%	99%	96%	99%	98%	99%	98%	98%	98%	97%	99%	99%	100%	99%	99%	100%	100%	X
PHILIPPINES	90%	95%	92%	92%	94%	95%	98%	96%	97%	98%	98%	100%	99%	97%	100%	99%	99%	100%	99%
PNG	99%	99%	99%	99%	99%	99%	100%	100%	99%	100%	100%	100%	99%	100%	100%	100%	100%	100%	100%
SOLOMON ISLANDS	96%	100%	100%	99%	100%	100%	100%	99%	100%	99%	99%	99%	97%	100%	100%	100%	100%	100%	100%
TUVALU						100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
USA	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99%	99%	100%	100%	100%	100%	100%	100%
VANUATU	92%	99%	98%	93%	78%	67%	84%	100%	98%	100%	100%	99%	100%	100%	100%	100%	100%	100%	100%
VIETNAM	X	X	X	X	X	X	X	X	X	X	11%	X	X	X	X	X	X	X	X



**Table 27. Coverage levels of the KEY SPECIES – PURSE SEINE**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
CHINA	13%	40%	13%	13%	33%	47%	60%	53%	53%	60%	60%	53%	40%	27%	53%	20%			33%
CHINESE TAIPEI	53%	60%	53%	53%	67%	60%	73%	60%	67%	53%	67%	53%	60%	73%	87%	67%	53%	60%	60%
COOK ISLANDS																33%	20%	33%	27%
ECUADOR	X	X	X	20%	20%	20%	20%	20%	47%	53%	40%	40%	40%	40%	33%	40%	33%	40%	47%
EL SALVADOR				20%	20%	20%	20%	20%	20%	33%	20%	40%	20%	33%	33%	47%	40%	47%	47%
EU-SPAIN	20%	20%	20%	20%	20%	20%	20%	20%	20%	33%	20%	20%	20%	20%	20%	20%	20%	20%	20%
FSM	27%	27%	20%	27%	20%	27%	27%	47%	33%	33%	60%	67%	53%	60%	67%	53%	67%	53%	53%
INDONESIA	X	X	X	X	X	X	20%	X	X	X	X	X	X	X	X	X	X	X	X
JAPAN	20%	20%	20%	20%	27%	33%	53%	60%	53%	40%	60%	20%	20%	20%	20%	20%	20%	20%	53%
KIRIBATI	20%	20%	20%	20%	20%	27%	40%	33%	53%	27%	40%	47%	60%	67%	67%	73%	73%	53%	53%
KOREA	20%	27%	33%	47%	33%	73%	47%	47%	60%	67%	67%	53%	73%	87%	67%	60%	67%	40%	47%
MARSHALL ISLANDS	27%	20%	27%	27%	20%	53%	53%	60%	53%	47%	53%	53%	60%	47%	53%	47%	33%	27%	33%
NAURU															20%	53%	67%	53%	47%
NEW ZEALAND	20%	27%	33%	27%	20%	60%	20%	20%	20%	20%	47%	33%	20%	20%	20%	20%	13%	7%	X
PHILIPPINES	47%	40%	53%	53%	67%	47%	53%	47%	53%	60%	60%	60%	53%	47%	33%	40%	33%	20%	27%
PNG	67%	60%	73%	40%	53%	67%	53%	53%	73%	73%	67%	80%	67%	80%	87%	80%	80%	73%	60%
SOLOMON ISLANDS	20%	20%	27%	27%	20%	20%	20%	27%	27%	33%	47%	47%	53%	67%	60%	73%	53%	67%	53%
TUVALU						20%	20%	33%	40%	33%	47%	33%	13%	27%	27%	20%	33%	33%	47%
USA	53%	27%	47%	47%	60%	73%	67%	73%	80%	80%	87%	73%	67%	80%	67%	80%	67%	67%	67%
VANUATU	40%	47%	53%	27%	27%	40%	27%	20%	13%	53%	20%	20%	27%	47%	47%	47%	60%	53%	53%
VIETNAM	X	X	X	X	X	X	X	X	X	X	7%	X	X	X	X	X	X	X	X

**Notes**

1. There is a total of 15 separate WCPFC Key Species/Species groups : Albacore tuna, bigeye tuna, skipjack tuna, yellowfin tuna, striped marlin, blue marlin, black marlin, swordfish, blue shark, silky shark, oceanic whitetip shark, mako sharks, thresher sharks, hammerhead sharks and whale sharks.
2. The coverage of KEY SPECIES is a measure of whether there is at least one record of each of the WCPFC Key species/species groups in the available data for each FLAG/YEAR combination. For example, if all 15 key species/species groups were recorded in one year, then the coverage for key species would be 100%. If the three target tuna species are recorded only, then the key species coverage would be 20%

#### 4. Pole-and-line fishery operational data fields

**Table 28. Coverage of Pole-and-line operational data submitted to the WCPFC**

Flag	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
FIJI	x	x	x	x	x														
INDONESIA	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
JAPAN	17%	52%	53%	36%	22%	22%	45%	26%	51%	34%	35%	94%	100%	100%	100%	100%	100%	78%	57%
KIRIBATI						90%	37%	100%	5%	18%	38%	x							
SOLOMON ISLANDS	72%	78%	81%	76%	x			100%	65%	77%	9%	7%	83%	61%	78%	100%	100%	100%	100%

#### Notes

1. The coverage of operational data provided has been determined by comparing the total catch in weight of the target species available in the operational data, to the total annual catch estimate of the target species.
2. The coverage of operational data for Japan is for the tropical fishery only (south of 20°N).

**Table 29. Coverage levels of the VESSEL IDENTIFIER field - POLE-AND-LINE**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
FUJI	X	X	X	X	X															
INDONESIA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
JAPAN	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
KIRIBATI						100%	100%	100%	100%	100%	100%	X								
SOLOMON ISLANDS	100%	100%	100%	100%	X			100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

**Table 30. Coverage levels of the DEPARTURE PORT field - POLE-AND-LINE**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
FJI	X	X	X	X	X															
INDONESIA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
JAPAN	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	65%	33%	42%	24%	61%	62%	73%	100%	
KIRIBATI						43%	100%	100%	100%	58%	82%	X								
SOLOMON ISLANDS	0%	0%	2%	83%	X			100%	100%	97%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

**Table 31. Coverage levels of the RETURN PORT field - POLE-AND-LINE**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
FJI	X	X	X	X	X															
INDONESIA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
JAPAN	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	64%	33%	42%	24%	61%	62%	73%	100%	
KIRIBATI						39%	100%	100%	100%	47%	44%	X								
SOLOMON ISLANDS	0%	0%	2%	83%	X			100%	100%	97%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

**Table 32. Coverage levels of the DEPARTURE DATE field - POLE-AND-LINE**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
FUJI	X	X	X	X	X															
INDONESIA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
JAPAN	99%	99%	100%	100%	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
KIRIBATI						100%	100%	100%	100%	100%	100%	X								
SOLOMON ISLANDS	0%	0%	100%	100%	X			100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

**Table 33. Coverage levels of the RETURN DATE field - POLE-AND-LINE**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
FUJI	X	X	X	X	X															
INDONESIA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
JAPAN	100%	100%	100%	100%	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
KIRIBATI						100%	100%	100%	100%	100%	100%	X								
SOLOMON ISLANDS	0%	0%	100%	100%	X			100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%



**Table 34. Coverage levels of the POSITION fields - POLE-AND-LINE**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
FUJI	X	X	X	X	X															
INDONESIA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
JAPAN	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
KIRIBATI						100%	100%	100%	100%	100%	100%	X								
SOLOMON ISLANDS	100%	100%	100%	100%	X			100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

**Table 35. Coverage levels of the ACTIVITY field - POLE-AND-LINE**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
FUJI	X	X	X	X	X															
INDONESIA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
JAPAN	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
KIRIBATI						100%	100%	100%	100%	100%	100%	X								
SOLOMON ISLANDS	100%	100%	100%	100%	X			100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

**Table 36. Coverage levels of the ACTIVITY DATE field - POLE-AND-LINE**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
FUJI	X	X	X	X	X															
INDONESIA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
JAPAN	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
KIRIBATI						100%	100%	100%	100%	100%	100%	X								
SOLOMON ISLANDS	100%	100%	100%	100%	X			100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

**Table 37. Coverage levels of the KEY SPECIES – POLE-AND-LINE**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
FUJI	X	X	X	X	X															
INDONESIA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
JAPAN	20%	20%	13%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%
KIRIBATI						20%	13%	20%	13%	13%	13%	X								
SOLOMON ISLANDS	13%	13%	20%	13%	X			13%	20%	13%	13%	13%	20%	13%	13%	13%	20%	13%	13%	13%

**Notes**

1. There is a total of 15 separate WCPFC Key Species/Species groups : Albacore tuna, bigeye tuna, skipjack tuna, yellowfin tuna, striped marlin, blue marlin, black marlin, swordfish, blue shark, silky shark, oceanic whitetip shark, mako sharks, thresher sharks, porbeagle shark, hammerhead sharks. Whale sharks are not anticipated to be in the pole-and-line catch.
2. The coverage of KEY SPECIES is a measure of whether there is at least one record of each of the WCPFC Key species/species groups in the available data for each FLAG/YEAR combination. For example, if all 15 key species/species groups were recorded in one year, then the coverage for key species would be 100%. If the three target tuna species are recorded only, then the key species coverage would be 20%

## 5. Summary of additional operational data fields by gear type

**Table 38. List of additional operational data fields – LONGLINE**

LONGLINE	
Additional fields	No. of CCM Fleets (2015-2022)
Whale predation in set	3
Sea surface Temperature (SST)	0
Set number	22
Permit	20
Captain	18
Crew number	0
Bait species	12
Number of baskets	0
Floatline length	0
Branchline length	0
Distance between floats	1
Target species	22

**Table 39. List of additional operational data fields – PURSE SEINE**

PURSE SEINE	
Additional fields	No. of CCM Fleets (2015-2022)
Well information	17
Permit	18
Captain	18
Crew number	0