OCEANIC FISHERIES PROGRAMME

PUBLIC DOMAIN CATCH AND EFFORT DATA – PURSE SEINE

This dataset represents the most complete PURSE SEINE data available to the WCPFC that can be disseminated into the public domain in accordance with the current "Rules and Procedures for the Protection, Access to, and Dissemination of Data Compiled by the Commission" ("RAP" – see http://www.wcpfc.int/doc/data-02/rules-and-procedures-protection-access-and-dissemination-data-compiled-commission).

In reference to the RAP (Paragraph 9), cells where effort is less than or equal to the maximum value estimated to represent the activities of two vessels have been removed from the public domain data (the cells are retained with their time/area information, but all catch and effort information in these have been set to zero).

Reference to the Coordinating Working Party No can be found on http://www.fao.org/cwp-on-fishery-statistics/handbook/general-concepts/major-fishing-areas-general/en/

DATASET STRUCTURE

Field Name	Picture	Description
YY	N(4)	Year
MM	N(2)	Month
LAT5	C(3)	Latitude. It represents the latitude of the south-west corner of 5° square for these data.
LON5	C(4)	Longitude. It represents the longitude of the south-west corner of 5° square for these data.
CWP_GRID	N(11)	Coordinating Working Party No
DAYS	N(6)	Days fishing and searching (effort).
SETS_UNA	N(6)	Number of Sets (Unassociated schools).
SETS_LOG	N(6)	Number of Sets (Natural Log/debris).
SETS_DFAD	N(6)	Number of Sets (Drifting FAD).
SETS_AFAD	N(6)	Number of Sets (Anchored FAD).
SETS_OTH	N(6)	Number of Sets (Other set types combined).
SKJ_C_UNA	N(8, 3)	Skipjack catch in metric tonnes (Unassociated schools).
YFT_C_UNA	N(8, 3)	Yellowfin catch (metric tonnes) (Unassociated schools).
BET_C_UNA	N(8, 3)	Bigeye catch (metric tonnes) (Unassociated schools).
OTH_C_UNA	N(8, 3)	Other species catch (metric tonnes) (Unassociated schools).
SKJ_C_LOG	N(8, 3)	Skipjack catch in metric tonnes (Natural-Log schools).
YFT_C_LOG	N(8, 3)	Yellowfin catch (metric tonnes) (Natural-Log schools).
BET_C_LOG	N(8, 3)	Bigeye catch (metric tonnes) (Natural-Log schools).
OTH_C_LOG	N(8, 3)	Other species catch (metric tonnes) (Natural-Log schools).
SKJ_C_DFAD	N(8, 3)	Skipjack catch in metric tonnes (Drifting FAD schools).
YFT_C_DFAD	N(8, 3)	Yellowfin catch (metric tonnes) (Drifting FAD schools).
BET_C_DFAD	N(8, 3)	Bigeye catch (metric tonnes) (Drifting FAD schools).
OTH_C_DFAD	N(8, 3)	Other species catch (metric tonnes) (Drifting FAD schools).
SKJ_C_AFAD	N(8, 3)	Skipjack catch in metric tonnes (Anchored FAD schools).
YFT_C_AFAD	N(8, 3)	Yellowfin catch (metric tonnes) (Anchored FAD schools).

```
BET_C_AFAD     N(  8, 3)        Bigeye catch (metric tonnes) (Anchored FAD schools).
_____


_____
Field Name     Picture         Description
_____
OTH_C_AFAD     N(  8, 3)        Other species catch (metric tonnes) (Anchored FAD schools).
SKJ_C_OTH      N(  8, 3)        Skipjack catch in metric tonnes (Schools from other set types).
YFT_C_OTH      N(  8, 3)        Yellowfin catch (metric tonnes) (Schools from other set types).
BET_C_OTH      N(  8, 3)        Bigeye catch (metric tonnes) (Schools from other set types).
OTH_C_OTH      N(  8, 3)        Other species catch (metric tonnes) (Schools from other set types).
_____
```

Statistics showing the amount of data removed and resultant coverage of the public domain data available to satisfy the RAP's three-vessel rule

Year	Effort (days) for strata > 40 days/month	Total effort (days)	Coverage of effort (%) after filtering for the three-vessel rule	Number of strata with more than three vessels	Number of all 5x5/month strata	Coverage of strata (%) after filtering for the three-vessel rule
1967	0.0	8.0	0.0	0	4	0.0
1968	0.0	51.0	0.0	0	13	0.0
1969	0.0	17.0	0.0	0	7	0.0
1970	0.0	99.0	0.0	0	38	0.0
1971	0.0	1,939.0	0.0	0	50	0.0
1972	0.0	2,465.5	0.0	0	47	0.0
1973	0.0	2,656.9	0.0	0	73	0.0
1974	0.0	1,942.0	0.0	0	81	0.0
1975	8.0	2,197.0	0.4	1	105	1.0
1976	0.0	2,534.0	0.0	0	104	0.0
1977	0.0	2,253.0	0.0	0	107	0.0
1978	15.0	2,491.0	0.6	1	124	0.8
1979	657.4	3,639.0	18.1	13	111	11.7
1980	1,105.0	3,797.7	29.1	23	98	23.5
1981	3,812.0	7,762.7	49.1	53	326	16.3
1982	5,748.5	11,769.7	48.8	64	411	15.6
1983	7,809.8	18,992.7	41.1	65	522	12.5
1984	15,802.3	25,083.4	63.0	99	516	19.2
1985	14,882.2	20,818.9	71.5	124	504	24.6
1986	14,138.1	20,804.6	68.0	119	466	25.5
1987	16,478.5	24,328.8	67.7	163	491	33.2
1988	20,208.0	24,261.0	83.3	163	515	31.7
1989	23,802.3	27,110.5	87.8	185	533	34.7
1990	26,712.4	30,060.2	88.9	256	632	40.5
1991	34,193.0	37,152.9	92.0	258	581	44.4
1992	37,628.4	40,824.8	92.2	284	634	44.8
1993	38,037.6	42,751.4	89.0	298	724	41.2
1994	33,991.5	38,091.1	89.2	300	664	45.2
1995	33,072.9	37,015.0	89.3	220	647	34.0
1996	33,665.3	37,757.5	89.2	279	684	40.8
1997	34,549.2	39,328.4	87.8	339	779	43.5
1998	31,974.1	36,532.3	87.5	314	763	41.2
1999	33,229.0	38,520.6	86.3	366	828	44.2
2000	32,368.3	37,790.1	85.7	350	836	41.9
2001	32,681.3	37,976.6	86.1	299	795	37.6
2002	36,021.7	41,777.3	86.2	322	868	37.1
2003	38,857.5	44,030.8	88.3	295	794	37.2
2004	41,759.2	47,264.0	88.4	387	930	41.6
2005	43,819.1	49,123.1	89.2	352	847	41.6
2006	40,810.5	45,094.6	90.5	302	758	39.8
2007	43,642.6	48,256.4	90.4	338	836	40.4
2008	46,905.4	52,363.2	89.6	361	931	38.8
2009	48,457.2	52,945.6	91.5	362	854	42.4
2010	50,649.1	55,067.1	92.0	380	867	43.8
2011	56,480.6	65,982.2	85.6	411	930	44.2
2012	52,706.5	61,670.9	85.5	443	927	47.8
2013	53,691.4	63,046.7	85.2	449	939	47.8
2014	51,971.1	60,639.9	85.7	461	883	52.2
2015	41,076.6	49,429.5	83.1	445	861	51.7
2016	42,802.2	50,639.7	84.5	443	872	50.8
2017	46,233.5	54,268.8	85.2	495	897	55.2
2018	43,901.1	50,887.2	86.3	487	890	54.7
2019	42,329.8	53,474.7	79.2	410	869	47.2
Total	1,348,685	1,606,784	83.9	11,779	29,566	39.8