



TECHNICAL AND COMPLIANCE COMMITTEE

Fourth Regular Session

2-7 October 2008

Pohnpei, Federated States of Micronesia

**PURSE SEINE EFFORT IN THE ZONES OF NON-PNA CCMS
AND ON THE HIGH SEAS**

**WCPFC-TCC4-2008/13 Suppl.
24 September 2008**

**Supplement prepared as a result of additional information
received from CCMs up to
15th September 2008**

1. The Fourth Regular Session of the Scientific Committee (SC4), which met at Port Moresby, Papua New Guinea, 11-22 August 2008, reviewed the data presented at Table 1 of WCPFC-TCC4-2008/13 and agreed that it represented the best information currently available (*sic.* August 2008) to the Commission to support the development of similar measures called for at paragraph 325 (d) of the WCPFC4 Summary Record. SC4 agreed to a request from several CCMs that they be provided with additional time to review the information presented at Table 1. September 15, 2008 was agreed as the deadline for the provision of any additional, verifiable, data that could result in amendments to Table 1.

Responses received by 15th September 2008

Philippines

2. A communication from the Bureau of Fisheries and Aquatic Resources (BFAR) was received on 15th September providing preliminary data. Subsequently, on 21st September 2008, the information appended at Attachment A was received. BFAR has advised that this information will be verified in the form of operational data to be provided to the Commission's Science Service Provider SPC-OFP.

United States

3. The United States responded by email on 13th September 2008. The email, together with a comment on the USA's queries from SPC-OFP, is included in this supplement for the information of CCMs.

-----Original Message-----

From: Raymond Clarke [mailto:Raymond.Clarke@noaa.gov]
Sent: Saturday, September 13, 2008 10:54 AM
To: Andrew Wright
Subject: WCPFC-SC4-2008/ST-WP-4 Calculations for the US PS fleet.

Dear Drew:

The SC4 report at paragraph 134 states:

. The data contained in WCPFC-SC4-2008/ST-WP-4 represented the best assessment of purse seine fishing effort on the high seas and in the zones of non-PNA members available at this time (August 2008). Any CCM who believes that they have additional data that should be included in this paper should provide their proposed changes (along with supporting documentation) to the Secretariat by 15 September 2008.

The United States has no additional data to provide the Secretariat for our purse seine fleet operating under the South Pacific Tuna Treaty. As you know the Treaty has been registered with the Commission and that all operational data from U.S. purse seine vessels are provided via FFA or the SPC OFP to the Commission.

However, we have completed our own analysis using what should be essentially the same data base available to the Secretariat, or its data manager, and we derive different values for each of the columns in Table 1 of /WCPFC-SC4-2008/ST-WP-4.

There are some caveats in this conclusion:

Given that paper does not provide a precise definition of "vessel day" - we used sea day and fishing activity as defined in the Parties to the Nauru Agreement's Vessel Day Scheme for our calculations.

Fishing activities include the following:

- (a) searching for, catching, taking or harvesting fish;*
- (b) attempting to search for, catch, take or harvest fish;*
- (c) engaging in any other activity which can be reasonably be expected to result in the locating, catching, taking or harvesting of fish for any purpose;*
- (d) placing, searching for or recovering FADS or associated electronic equipment such as radio beacons or any other equipment used in the control, support or assistance of fishing operations of any description;*
- (e) any operations at sea directly in support of, or in preparations for, any activity described in paras. (a) to (d); (f) use of any vessel in connection with any activity described in paragraphs (a) to (e), except for emergencies involving the health and safety of the crew or the safety of the vessel.*

“Fishing day” means any calendar day or part of a calendar day during which a purse seine vessel is...outside of a port.

For the 4 possible numbers to be determined all were numerically different; for example in the case of the High Seas --Vessel Day-- 2001-2004 average the paper provides a value of 1,038 for the value assigned to the U.S. and we calculate the figure to be 1,066 for the 2004 annual value. This is the figure the U.S. believes should be applied to the relevant conservation and management measure or any caps to be applied.

Rather than getting into a back and forth on the matter via e-mail at this time-- we just want hold to the position that for purposes of the SC4 call and the TCC4 (as well as any other Commission deliberations) that the values provided in Table 1 of WCPFC-SC4-2008/ST-WP-4 for the U.S. should be considered provisional.

Arriving at numbers that all can agree are correct is a priority for us and we are willing to work with the Secretariat, or the data managers, to determine the proper values to be applied (and perhaps why there are differences). We will be available to discuss the matter in the margins of the TCC4.

Ray Clarke

-----Original Message-----

From: Peter Williams [mailto:PeterW@spc.int]

Sent: Monday, September 15, 2008 08:49

To: Andrew Wright

Subject: RE: WCPFC-SC4-2008/ST-WP-4 Calculations for the US PS fleet.

Hi Drew,

As Ray mentioned, and we are aware, these values should be treated as provisional and are the best estimates available to the SPC.

The following is an incomplete list of reasons why we will see some differences between what CCMs have and what we have:

- (i) We may not have all the logsheets, and when we raise the data according to coverage, the relative proportions of effort by EEZ/high seas will be different to what occurred with 100% of the data;
- (ii) In the case of the US purse seine fleet, the logsheet data go to NMFS from the fishing companies/vessels/Gordon, then to FFA, then to SPC in separate submissions of data. I expect NMFS to have all the data, but there may be logsheets go missing between NMFS and FFA, and then FFA to SPC. This is something that gets sorted out over time, but it does take some time for the missing logsheets to get through!

(iii) For the Asian purse seine fleets, the submission process is from the fishing companies to PICTs, then to SPC. We have systems in member countries (i.e. in TUFMAN) to cross-check the provisions of data so the coverage of Korean and Taiwanese fleets logsheets ultimately received at SPC is usually 100%.

(iv) For the US, we need to initially do a trip-by-trip comparison. This is something we usually undertake in any event.

(v) After this has been verified, there could still be differences for the following reasons:

- (a) Versions of EEZ coordinates used (--> need a regional standard EEZ coordinate database);
- (b) Corrections to obvious mis-reported positions on the logsheet at the time of data entry or post-entry processing. For example, we run a "distance" check after the data have been entered and any unrealistic distance between two days is highlighted. In most cases, we've found that a position has been incorrectly recorded, and it is usually obvious what it should have been. This check may not be done outside SPC, so it would result in a difference.
- (c) Sometimes the activity code is not recorded, but we set it to "a day searching" by default which equates to a day fishing by definition. Some CCMs might leave this as blank which means it won't be included as a day fishing ...

(vi) Ray mentioned that the "Fishing day" means any calendar day or part of a calendar day during which a purse seine vessel is...outside of a port". In considering this we have to bear in mind a vessel can be "in transit" or "broken down" or not active at sea due to bad weather, for example. All of these are "activities" listed on the logsheet that can be used for a day and don't equate to a "fishing day".

This list could be the start of coming up with a system to deal with this in the future...

I can see that the ultimate system to record and manage fishing days will need to be very tight, with cross-checking to VMS and other data collection systems, etc. etc.

Peter

Conclusion

4. The Technical and Compliance Committee is invited to consider any implementation issues associated with addressing the requirements of paragraph 325(d) as requested by WCPFC4 and provide appropriate advice and recommendations to WCPFC5.

Summary of Philippine Purse Seine Effort in the High Seas (2004)

Fishing Company	Catcher Vessel	Actual # of Fishing Days	Catch Total (MT)	SJK (MT)	YFT (MT)	BET (MT)	Others (MT)	GT
Amadeo	Pelagis 105	57	1207.5	914	293.5	0	0	492.52
	Helen 28	140	1083	936	147	0	0	?
	Patricio 28	81	1083	770	313	0	0	67.5
	Juvy Deena 1	155	1109	1103	6	0	0	?
	Phindo	136	2844	1639	1182	23	0	?
	Helen 18	46	515.7	460.7	55	0	0	?
	Helen 14	73	592	544	48	0	0	?
	Patricio 1	55	540.7	375.7	165	0	0	154.65
Amadeo_Total for 2004		743	8,974.90	6,742.40	2,209.50	23.00	-	714.67
Frabelle Fishing Corporation	Blue Moon 1	241	4462.65	3693.09	769.56	0	0	164.19
	Yellow Bell 2	188	3213.57			0	0	147.64
	White Magnolia 2	45	588.06					135.79
	Lotus 2	40	432.78					125.89
Frabelle_Total for 2004		514	8,697.06	3,693.09	769.56	-	-	573.51
RBL Fishing Corp	Monalinda 89	246	4,353.60	3,609.40	604.70	4.40	135.10	481.11
	Monalinda 88	307	5,885.86	4,968.40	688.40	1.40	227.66	499.84
	Monalinda 83	126	1,906.50	1,583.00	249.75	-	73.75	477.37
	Monalinda 39	303	5,338.98	4,597.90	631.08	0.60	109.40	422.82
RBL_Total for 2004		982	17,484.94	14,758.70	2,173.93	6.40	545.91	1,881.14
RD Fishing Industry Inc	Dolly 10	88	1,961.50	1,335.10	589.40		37.00	77.70
	Dolly 14	63	1,926.00	1,018.37	837.63		70.00	118.16
RD_Total for 2004		151	3,887.50	2,353.47	1,427.03	-	107.00	195.86

Fishing Company	Catcher Vessel	Actual # of Fishing Days	Catch Total (MT)	SJK (MT)	YFT (MT)	BET (MT)	Others (MT)	GT	
Trans Pacific Journey Fishing Corp***	Trm2 (Don Tobias)	99	1947.06	1331.67	615.39	0	0	481.79	
	Tobias Reynald	158	3588.15	3059.55	528.6			470.15	
	Mitramas Martina Marie	26	400.44	349.65	39.21		11.58	498.36	
	Sagara Babylyn	192	3813.54	3134.97	678.57			490.48	
	John Reynald	2	43.5	3.15	40.35			782.93	
		477	9,792.69	7,878.99	1,902.12	-	11.58	2,723.71	
	Trm2 (Don Tobias)	113	3013.8	2187.09	826.71			481.79	
	Tobias Reynald	189	7013.1	5768.25	1244.85			470.15	
	Sagara Babylyn	46	1527.9	1195.38	332.49		0.03	490.48	
	John Reynald	72	1548.15	1400.55	146.7		0.9	782.93	
		420	13,102.95	10,551.27	2,550.75	-	0.93	2,225.35	
	Trm1 (Don Tobias)	46	1263.3	1117.77	145.53			481.79	
	Tobias Reynald	110	3545.85	3122.25	423.6			470.15	
	John Reynald	138	4600.53	3951.39	649.14			782.93	
		294	9,409.68	8,191.41	1,218.27	-	-	1,734.87	
	Trm1 (Don Tobias)	150	4300.5	3835.65	464.85			481.79	
	John Reynald	209	5258.305	4701.75	556.555			782.93	
	TPJ_Total for 2004		359	9,558.81	8,537.40	1,021.41	-	-	1,264.72
	TPJ_Average for 2001 - 2004		387.50	10,466.03	8,789.77	1,673.14	-	3.13	1,987.16
	TSP Marine Industries	St. Gregory	109	1,251.00	1,096.00	95.00	-	60.00	?
St. Ignacius		188	2,865.00	2,549.00	169.00	-	147.00	180.17	
Queen Victoria 998		198	5,770.00	5,581.00	189.00	-	-	498.43	
Queen Evelyn 889		168	3,577.00	3,338.00	234.00	5.00	-	492.18	
TSP_Total for 2004		663	13,463.00	12,564.00	687.00	5.00	207.00	1,170.78	

Fishing Company	Catcher Vessel	Actual # of Fishing Days	Catch Total (MT)	SJK (MT)	YFT (MT)	BET (MT)	Others (MT)	GT
Celebes Tuna Fishing Corporation	Sarangani Dreams	89	2,433.55	1837.25	570.15	26.15		347.00
	Sarangani One	58	1,679.00	1,258.25	396.25	24.50		135.00
	Sarangani VI	60	741.00	489.25	236.50	15.25		147.67
	Sarangani Two	76	1,748.00	1,273.75	448.75	25.50		?
	Sarangani III	102	1,051.50	871.75	152.00	27.75		116.00
CTFC_Total for 2004		385	7,653.05	5,730.25	1,803.65	119.15	-	745.67
DFC Tuna Venture Corporation	Golden Dreams	40	767.00	536	216.50	14.50		?
	Golden Sea	68	2,251.95	1797.5	427.50	26.95		498.82
	Golden Harvester	156	4046.00	2789.05	1193.70	63.25		348.00
	Golden Blessing	114	970.00	2854.50	471.25	32.25		348.00
DFCTVC_Total for 2004		378	8,034.95	7,977.05	2,308.95	136.95	-	1,194.82
Damalerio Fishing Enterprise	George I	46	465.00	165.75	26.75		299.50	87.50
	Gracia	77	1240.00	876.30	341.20	22.50		?
	Jimmy I	45	340.50	182.00	78.75	6.50	73.25	96.19
	Janet I	60	344.00	155.00	49.00		140.00	64.80
DFE_Total for 2004		228	2,389.50	1,379.05	495.70	29.00	512.75	248.49
San Lorenzo Fishing Industry Inc.**	Super Salorru	19	541.00	386.00	111.00	18.00	26.00	?
SLFII_Total for 2004		19	541.00	386.00	111.00	18.00	26.00	-
NH Agro Industrial Inc.	San Felipe-78	79	2,834.50	2,527.00	201.20	46.20	60.10	?
	San Felipe-88	74	1,400.70	1,236.00	112.80	21.10	30.80	215.42
	San Felipe-98	84	3,179.60	2,901.00	158.90	31.50	88.20	210.59
NH Agro Industrial Inc.		237	7,414.80	6,664.00	472.90	98.80	179.10	426.01

Fishing Company	Catcher Vessel	Actual # of Fishing Days	Catch Total (MT)	SJK (MT)	YFT (MT)	BET (MT)	Others (MT)	GT
RRCS Marine and Industrial Dev. Corp****	RRCS 15	?	4,052.00	4,013.00	39.00			217.53
	Rell & Renn 10	?	3,247.00	3,207.00	40.00			217.53
	RRCS 25	?	4,169.00	4,128.00	41.00			217.53
	Rell & Renn 9	?	3,131.00	3,073.00	58.00			168.15
	RRCS 20	?	4,731.00	4,685.00	46.00			217.53
RRCS Marine and Industrial Dev. Corp		-	19,330.00	19,106.00	224.00	-	-	1,038.27
TOTAL for 2004_Phils		4,659	107,429.51	89,891.41	13,704.63	436.30	1,577.76	9,453.94

Note: As of 21 Sept08

* Visit WCPFC

website:

www.wcpfc.int

** Need to check fishing location (not indicated in the logsheet but at the moment assumed as catch in the High seas)

*** Need to validate summaries with the actual logsheets (only summaries were submitted)

**** Need to check the number of actual # of fishing days (not detailed in the logsheet, what was given were summary per month per vessel)