

Development of a Revised Tropical Tuna Measure Workshop 4 29 – 30 September 2023 Pohnpei, FSM, or online

SUMMARY OF THE REPORTS RECEIVED UNDER TROPICAL TUNA CMMs FROM 2021 TO 2023

WCPFC-TTMW4-2023-IP04 25 September 2023

Prepared by the Secretariat¹

 $^{^{\}rm 1}$ This paper was initially posted as an Information Paper for the $\rm 19^{th}$ Technical and Compliance Committee.



TECHNICAL AND COMPLIANCE COMMITTEE Nineteenth Regular Session

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SUMMARY OF THE REPORTS RECEIVED UNDER TROPICAL TUNA CMMs FROM 2021 TO 2023

WCPFC-TCC19-2023-IP07 25 September 2023

Paper prepared by Secretariat

Purpose

1. This paper provides for information of TCC19 the updated versions of tables and notes that summarize the reports made in 2021 - 2022 and part of 2023 by CCMs under *Conservation and Management Measure for Bigeye, Yellowfin and Skipjack* (CMM 2020-01 and CMM 2021-01). The information in this paper is based on recent information received by the Secretariat. It should be noted that some related replies to CMR or recent reporting may not be reflected in this paper.

Updated Tables and Notes

- 2. The Tables and Notes in this paper may be categorized into these categories:
 - Summary of Notifications and Reporting to WCPFC related to additional FAD Set management in the purse seine fishery operating 20N to 20S: 2021 2022 and 2023 to date (*Table 1 3*);
 - WCPFC IATTC Overlap Area (WCPFC9 Decision, paragraph 80) (notes);
 - Monthly reports of bigeye longline catches (CMM 2020-01 paragraph 41 and CMM 2021-01 paragraph 38) (*Table 5*);
 - Summary of Notifications of purse seine effort and/or catch limits for EEZs in 2023 (*notes*), and
 - Appendix 1: Supplementary summary information related to notifications under CMM 2021-01 14 footnote 1.

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3. Tables 1, 2 and 3, below relate to notification and reporting on additional FAD Set management:

Table 1: Summary of Notifications and Reporting to WCPFC related to additional FAD Set reduction in the purse seine fishery operating 20N to 20S during 2021 (CMM 2020-01 paragraph 17 and footnote 1) - as of 25 September 2023

FLAG CCMs	Advice of Footnote 1 Notifications: Vessels to which the 1 July – 30 September FAD	2021 Choice of additional high seas FAD set management option (para 17)			
	closure will not apply in 2021	Apr-May 2021	Nov-Dec 2021		
Australia China Cook Islands El Salvador European Union		YES YES YES YES			
Federated States of Micronesia	YES ¹	YES			
Indonesia Japan Kiribati Republic of Korea			YES YES (if applicable activities occur outside of high seas adjacent to KIR EEZs) YES		
Marshall Islands Nauru New Zealand	YES ² YES ³	YES YES YES			
Papua New Guinea Philippines			YES		
Solomon Islands Chinese Taipei Tuvalu	YES ⁴	YES	YES YES		
United States of America Vanuatu			YES YES		

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¹ Notified of 28 purse seine vessels to be managed under PNA 3IA in FSM waters during July – September 2021

² Notified of 11 purse seine vessels to be managed under PNA 3IA in RMI waters during July – September 2021

³ Notified of 20 purse seine vessels to be managed under PNA 3IA in Nauru waters during July – September 2021

⁴ Notified of 6 purse seine vessels to be managed under PNA 3IA in Tuvalu waters during July – September 2021

Table 2: Summary of Notifications and Reporting to WCPFC related to additional FAD Set reduction in the purse seine fishery operating 20N to 20S during 2022 (CMM 2021-01 paragraph 15 and footnote 1) - as of 25 September 2023

FLAG CCMs	Advice of Footnote 1 Notifications: Vessels to which the 1 July – 30 September FAD	2022 Choice of additional high seas FAD set management option (para 15)			
	closure will not apply in 2022	Apr-May 2022	Nov-Dec 2022		
Australia⁵ China Cook Islands			YES YES		
El Salvador European Union		YES YES			
Federated States of Micronesia	YES ⁶	YES			
Indonesia Japan Kiribati		YES YES (if applicable activities occur outside of high seas adjacent to KIR EEZs)			
Republic of Korea Marshall Islands	YES ⁷		YES YES		
Nauru	YES ⁸	YES			
Papua New Guinea ⁹ Philippines					
Solomon Islands Chinese Taipei	YES ¹⁰	YES	YES		
Tuvalu United States of America Vanuatu	YES ¹¹		YES YES YES		

⁵ Advised that CCM has banned the use of FADs in the Pacific Ocean north of 20S

⁶ Notified of 26 purse seine vessels to be managed under PNA 3IA in FSM waters during July – September 2022

⁷ Notified of 11 purse seine vessels to be managed under PNA 3IA in RMI waters during July – September 2022

⁸ Notified of 20 purse seine vessels to be managed under PNA 3IA in Nauru waters during July – September 2022

⁹ Advised notification not applicable because no high seas purse seine activity occurred in 2022

¹⁰ Notified of 8 purse seine vessels to be managed under PNA 3IA in Solomon Islands waters during July – September 2022

¹¹ Notified of 6 purse seine vessels to be managed under PNA 3IA in Tuvalu waters during July – September 2022

Table 3: Summary of Notifications and Reporting to WCPFC related to additional FAD Set reduction in the purse seine fishery operating 20N to 20S during 2023 (CMM 2021-01 paragraph 15 and footnote 1) - as of 25 September 2023

FLAG CCMs	Advice of Footnote 1 Notifications: Vessels to which the 1 July – 30 September FAD	2023 Choice of additional high seas FAD set management option (para 15)			
	closure will not apply in 2023	Apr-May 2023	Nov-Dec 2023		
Australia ¹² China Cook Islands El Salvador European Union		YES YES YES	YES		
Federated States of Micronesia	YES ¹³	YES			
Indonesia Japan Kiribati Republic of Korea		YES YES (if applicable activities occur outside of high seas adjacent to KIR EEZs) YES			
Marshall Islands Nauru	YES ¹⁴ YES ¹⁵	YES YES			
Papua New Guinea ¹⁶ Philippines			YES		
Solomon Islands Chinese Taipei	YES ¹⁷	YES	YES		
Tuvalu United States of America Vanuatu	YES ¹⁸	YES	YES YES		

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 $^{^{12}}$ Has previously advised that CCM has banned the use of FADs in the Pacific Ocean north of 20S

¹³ Notified of 26 purse seine vessels to be managed under PNA 3IA in FSM waters during July – September 2023

¹⁴ Notified of 11 purse seine vessels to be managed under PNA 3IA in RMI waters during July – September 2023

¹⁵ Notified of 20 purse seine vessels to be managed under PNA 3IA in Nauru waters during July – September 2023

¹⁶ Notified of 13 purse seine vessels to be managed under PNA 3IA in Papua New Guinea waters during July – September 2023, also advised notification not applicable because no high seas purse seine activity permitted in 2023

¹⁷ Notified of 3 purse seine vessels to be managed under PNA 3IA in Solomon Islands waters during July – September 2023

¹⁸ Notified of 6 purse seine vessels to be managed under PNA 3IA in Tuvalu waters during July – September 2023

- 4. The applicable WCPFC decisions and notes on the WCPFC IATTC Overlap Area are as follows:
 - (a) The WCPFC9 decision on the application of measures in the part of the WCPF Convention Area that overlaps with the IATTC Convention Area says that in the case of a WCPFC member who is also an IATTC member, and who has vessels on both records/register of IATTC and WCPFC, the corresponding flag Member shall decide and notify both organisations under which of the two Commission measures those vessels shall operate when fishing in the overlap area with IATTC and WCPFC. If a CCM is a member of only one RFMO, the rules of that RFMO will apply in the overlap area between WCPFC and IATTC, even if the CCM is a cooperating non-member of the other RFMO. (see WCPFC9 Summary Report, paragraph 80)

(b) CMM 2021-01 paragraph 10 states that:

Where flag CCMs choose to implement IATTC measures in the overlap area, any calculation of limits for the Convention Area (excluding the overlap area) that are done on the basis of historical catch or effort levels, shall exclude historical catch or effort within the overlap area. Notwithstanding decisions on application of catch and/or effort limits, all other provisions of this measure apply to all vessels fishing in the overlap area.

- (c) In 2022, the Secretariat received two updates of Member's choice of WCPFC/IATTC measures in the Overlap Area.¹⁹ Accordingly, in 2021 2023, or as otherwise specified the following six CCMs could apply IATTC measures in the Overlap Area: ²⁰
 - Ecuador As a WCPFC Cooperating Non-Member which is a contracting party of IATTC;
 - El Salvador As a WCPFC Cooperating Non-Member which is a contracting party of IATTC;
 - Nicaragua As a WCPFC Cooperating Non-Member which is a contracting party of IATTC;
 - Panama As a WCPFC Cooperating Non-Member which is a contracting party of IATTC;
 - European Union In accordance with letter received by WCPFC on 2 April 2013; and
 - Commencing 8 July 2020, the United States of America In accordance with letter received by WCPFC on 8 July 2020.

¹⁹ France advised that French Polynesia would apply WCPFC rules in the overlap area from 1 Jan 2022 – 31 Dec 2024. China has advised that will apply both IATTC and WCPFC rules in overlap area, including VMS and HSBI, but catches in the overlap area are to be attributed to WCPFC.

²⁰ The list is a subset of the list of notifications received for the overlap area, the complete list of notifications can be accessed by authorized CCM users from the WCPFC Secure CCM side: https://www.wcpfc.int/overlap-area-iatte

5. Tables 5 and 6 provides the summary of monthly reports of bigeye longline catches (CMM 2020-01 paragraph 41 and CMM 2021-01 paragraph 38):

Table 5: Summary of CCM reporting of bigeye longline catch by WCPFC in accordance with CMM 2020-01 paragraph 41 and CMM 2021-01 paragraph 38 - as of 25 September 2023 (Note: some CCMs replies to dCMR

or most recent reporting to WCPFC may not be reflected below)

	2020		2021		2022	
FLAG CCMs	Catch / Limit (Mt) ¹⁴	% of limit	Catch / Limit (Mt) ¹⁴	% of limit	Catch / Limit (Mt) 14	% of limit
China	8631 / 8724	98.9%	5492 / 8724	64%	5665 / 8724	65%
Indonesia	43 / 5,889	< 1 %	118 / 5889	< 1 %	117 / 5889	< 1 %
Japan	12,791 / 17765	72.0%	9465 / 17765	53%	7576 / 17765	43%
Republic of	13011 / 13942	98.3%	13708 / 13942	98.3%	12982 / 13942	93%
Korea						
Chinese Taipei	9198 / 10481	87.8%	7486 / 10481	71.7%	9049 / 10481	86 %
United States	3557 / 3554	100.1%	3533 / 3554	99%	3235 / 3554	91%
of America						

Table 6: Summary of CCM reporting of bigeye longline catch by WCPFC in accordance with CMM 2021-01

paragraph 38 - as of 25 September 2023

and graph of the control of		2023	
FLAG CCMs	Catch / Limit (Mt) 14	Reporting Period	% of limit
China	2855/ 8724	1 Jan – 31 July	33 %
Indonesia	28 / 5889	1 Jan – 31 July	<1.0 %
Japan	2402 / 17765	1 Jan – 31 July	14 %
Republic of Korea	9551 / 13942	1 Jan – 31 July	69 %
Chinese Taipei	4746 / 10481	1 Jan – 31 July	45 %
United States of	2940 / 3554	1 Jan – 31 July	83.0%
America			

6. No notifications were received during 2023 related to notification of EEZ limits for purse seine effort and/or catch of skipjack, yellowfin and bigeye tuna (CMM 2021-01 paragraph 24).

Recommendation

7. TCC19 is invited to note this paper.

Table 1: List of vessels that were notified under CMM 2021-01 14 footnote 1 in 2022 and 2023

Notifying	Vessel notified under CMM 2021-01 14 footnote 1	Notified	Notified
CCM	- Vessel notified under Civilvi 2021-01 14 100tilote 1	for 2022	for 2023
CCM	1. CAROLINE I, V6P91	Y	Y
	2. CROMWELL 1 V6PC1	Y	Y
	3. CROMWELL 101, V6PC101	Y	Y
	4. FULL FORTUNE 101, V6PFF101	Y	Y
	5. FULL FORTUNE 301, V6PFF301	Y	Y
	6. MARIELLE, V6PMK	Y	Y
	7. MATHAWMARFACH, V6YM	Y	Y
	8. MELISSA, V6P87	Y	Y
		Y	Y
	9. MICRONESIA 101, V6PM1		
	10. MICRONESIA 102, V6PM2	Y	$egin{array}{c} \mathbf{Y} \\ \mathbf{Y} \end{array}$
	11. MICRONESIA 103, V6PM3	Y	
	12. MICRONESIA 106, V6PM6	Y	Y
Federated	13. NANMADOL, V6P90	Y	Y
States of	14. PACIFIC JOURNEY NO.101, V6KPJ101	Y	Y
Micronesi	15. PACIFIC JOURNEY NO.8, V6KPJ8	Y	Y
a	16. PACIFIC PURSUIT NO. 777, V6KP777	Y	Y
	17. PACIFIC PURSUIT NO.107, V6KPP107	Y	Y
	18. PERSEVERANCE NO. 282, V63KP282		\mathbf{Y}
	19. QUEEN ALEXANDRA 959, V6PQA2	Y	\mathbf{Y}
	20. QUEEN ANNE 959	\mathbf{Y}	\mathbf{Y}
	21. QUEEN ELIZABETH 959	\mathbf{Y}	\mathbf{Y}
	22. QUEEN ISABELLA 88, V6PQI88	Y	Y
	23. TAIYO CHUUK, V6PTC	Y	\mathbf{Y}
	24. TAIYO POHNPEI, V6PTP	\mathbf{Y}	\mathbf{Y}
	25. TAIYO WAAB, V6PTW	\mathbf{Y}	Y
	26. YAP SEAGULL, V6YD40	\mathbf{Y}	\mathbf{Y}
	27. VIVA BEAR 707, P2V5812	Y	
	1. JABBUK, V7A2096		
	2. KOO'S 101, V7HB9	Y	Y
	3. KOO'S 102, V7HC2	Y	Y
	4. KOO'S 103, V7A5001	Y	Y
	5. KOO'S 103, V/A3001 5. KOO'S 108, V7EF3	Y	Y
Republic	6. LAJABWIL, V7A2098	Y	Y
of	7. LOMALO, V7UB4	Y	Y
Marshall	7. LOMALO, V7UB4 8. LOMETO, V7TQ8	Y	Y
Islands	, -	Y	Y
	9. MARSHALLS 201, V7CN4	Y	Y
	10. MARSHALLS 202, V7CN5		
	11. UNAAK, V7A2097	Y	Y

1. CENTURY PRIDE, C2AZ2 2. CENTURY RANGER, C2BA2 3. EASTERN MARINE, C2AM2 4. EASTERN STAR, C2AN2 5. KAILE 888, C2AQ2 6. MALVA 888, C2AQ2 7. MARITA 88, C2AS2 7. MARITA 88, C2AS2 8. NAOERO STAR, C2AA2 9. NAOERO SUN, C2AB2 10. NEW CANOE, C2BB2 11. NEW MARINE, C2BC2 12. NEW SPLENDOR, C2BD2 13. OCEAN CHALLENGER, C2BF2 14. OCEAN CONQUEST, C2BM2 15. OCEAN EXPEDITION, C2BP2 17. OCEAN EXPEDITION, C2BP2 18. OCEAN EXPEDITION, C2BP2 19. ORIENTAL MARINE, C2AC2 19. ORIENTAL MARINE, C2BC2 19. ORIENTAL MARINE, C2BC2 19. ORIENTAL MARINE, C2BC2 11. ALPINE ROSE, P2V4189 2. AMARYLLIS 88, P2V5709 3. CHERRY BLOSSOMS 88, P2V5068 4. GARDENIA 888, P2V5653 New 7. NIUPELALIP NO.8, P2V5491 Guinea 8. PINK CARNATION 88, P2V5045 9. PURPLE LILAC 888, P2V5045 9. PURPLE LILAC 888, P2V5045 10. VIVA BEAR 707, P2V5806 11. VIVA EAGLE 707, P2V5806 12. VIVA LION 707, P2V5806 13. VIVA WANTWANT 707, P2V55815 SOLOMON BEAR L, HANK 5. SOLOMON PEARL, HANK 5. SOLOMON PEARL, HANK 6. SOUTHERN SEAS NO.301, H4ST 7. SOUTHERN SEAS NO.301, H4ST	Notifying CCM	Vessel notified under CMM 2021-01 14 footnote 1	Notified for 2022	Notified for 2023
2. CENTURY RANGER, C2BA2 3. EASTERN MARINE, C2AM2 4. EASTERN STAR, C2AN2 5. KAILE 888, C2AQ2 6. MALVA 888, C2AR2 7. MARITA 88, C2AS2 8. NAOERO STAR, C2AA2 9. NAOERO SUN, C2AB2 10. NEW CANOE, C2BB2 11. NEW MARINE, C2BC2 12. NEW SPLENDOR, C2BD2 13. OCEAN CHALLENGER, C2BF2 14. OCEAN CONQUEST, C2BM2 15. OCEAN ENCOUNTER, C2BN2 17. OCEAN EXPEDITION, C2BP2 17. OCEAN EXPEDITION, C2BP2 18. OCEAN WARRIOR, C2BG2 19. ORIENTAL MARINE, C2BC2 19. ORIENTAL MARINE, C2BC2 19. ORIENTAL MARINE, C2AP2 20. SIMBUN 88, C2AT2 11. ALPINE ROSE, P2V4189 2. AMARYLLIS 88, P2V5709 3. CHERRY BLOSSOMS 88, P2V5068 4. GARDENIA 888, P2V5655 Papua 6. MILFLORES 888, P2V5655 New 7. NIUPELALIP NO.8, P2V5491 Guinea 8. PINK CARNATION 88, P2V5045 9. PURPLE LILAC 888, P2V5045 9. PURPLE LILAC 888, P2V5045 12. VIVA BEAR 707, P2V5805 12. VIVA BEAR 707, P2V5805 12. VIVA BEAR 707, P2V5805 12. VIVA LION 707, P2V5805 12. VIVA WANTWANT 707, P2V55815 VSOLOMON PAERL, H4NK 1. SOLOMON PAERL, H4NK 2. SOLOMON PAERL, H4NK 3. SOLOMON OPAL, H4AL 4. SOLOMON PAERL, H4NK 5. SOLOMON RUBY, H4AM 6. SOUTHERN SEAS NO.301, H4SR V		1. CENTURY PRIDE, C2AZ2	Y	Y
4. EASTERN STAR, C2AN2 5. KAILE 888, C2AQ2 7. MARITA 88, C2AR2 7. MARITA 88, C2AS2 8. NAOERO STAR, C2AA2 9. NAOERO STAR, C2AA2 9. NAOERO SUN, C2AB2 10. NEW CANOE, C2BB2 11. NEW MARINE, C2BC2 12. NEW SPLENDOR, C2BD2 13. OCEAN CHALLENGER, C2BF2 14. OCEAN CONQUEST, C2BM2 15. OCEAN ENCOUNTER, C2BN2 16. OCEAN ENCOUNTER, C2BN2 17. OCEAN GALAXY, C2BQ2 18. OCEAN WARRIOR, C2BG2 19. ORIENTAL MARINE, C2AP2 19. ORIENTAL MARINE, C2AP2 20. SIMBUN 88, C2AT2 21. ALPINE ROSE, P2V4189 2. AMARYLLIS 88, P2V5709 3. CHERRY BLOSSOMS 88, P2V5068 4. GARDENIA 888, P2V5655 5. GOLDEN SAPPHIRE 88, P2V5655 Papua 6. MILFLORES 888, P2V5653 New 7. NIUPELALIP NO.8, P2V5491 Guinea 8. PINK CARNATION 88, P2V5045 9. PURPLE LILAC 888, P2V5045 10. VIVA BEAR 707, P2V5812 11. VIVA EAGLE 707, P2V5805 12. VIVA LION 707, P2V5805 12. VIVA LION 707, P2V5805 12. VIVA LION 707, P2V5815 13. SOLOMON PEARL, H4NK 15. SOLOMON PEARL, H4NK 17. SOLOMON PEARL, H4NK 17. SOLOMON PEARL, H4NK 18. SOLOMON PEARL, H4NK 19. SOLOMON PEARL, H4NK 19. SOUTHERN SEAS NO.301, H4SR 7. SOUTHERN SEAS NO.301, H4SR		2. CENTURY RANGER, C2BA2	\mathbf{Y}	Y
5. KAILE 888, C2AQ2 6. MALVA 888, C2AR2 7. MARITA 88, C2AS2 8. NAOERO STAR, C2AA2 9. NAOERO SUN, C2AB2 10. NEW CANOE, C2BB2 11. NEW MARINE, C2BC2 12. NEW SPLENDOR, C2BD2 13. OCEAN CHALLENGER, C2BF2 14. OCEAN ENCOUNTER, C2BN2 15. OCEAN ENCOUNTER, C2BN2 16. OCEAN ENCOUNTER, C2BN2 17. OCEAN GALAXY, C2BQ2 18. OCEAN WARRIOR, C2BB2 19. ORIENTAL MARINE, C2BC2 19. ORIENTAL MARINE, C2AP2 20. SIMBUN 88, C2AT2 21. ALPINE ROSE, P2V4189 22. AMARYLLIS 88, P2V5654 43. GARDENIA 888, P2V5654 54. GARDENIA 888, P2V5655 Papua 65. MILFLORES 888, P2V5653 New 76. NIUPELALIP NO.8, P2V5491 Guinea 77. NIUPELALIP NO.8, P2V5491 Guinea 78. PINK CARNATION 88, P2V5045 99. PURPLE LILAC 888, P2V5045 99. PURPLE LILAC 888, P2V5065 10. VIVA BEAR 707, P2V5806 11. VIVA EAGLE 707, P2V5806 12. VIVA LION 707, P2V5806 13. VIVA WANTWANT 707, P2V55815 Y Solomon 11. SOLOMON EMERALD, H4NF [942] Y SIMBUN SASA NO.301, H4SR Y SOLOMON PEARL, H4NK Y S. SOLOMON RUBY, H4AM Y SOUTHERN SEAS NO.301, H4SR		3. EASTERN MARINE, C2AM2	\mathbf{Y}	Y
6. MALVA 888, C2AR2 7. MARITA 88, C2AS2 8. NAOERO STAR, C2AA2 9. NAOERO SUN, C2AB2 10. NEW CANOE, C2BB2 11. NEW MARINE, C2BC2 12. NEW SPLENDOR, C2BD2 13. OCEAN CHALLENGER, C2BF2 14. OCEAN CONQUEST, C2BM2 15. OCEAN ENCOUNTER, C2BN2 17. OCEAN ENCOUNTER, C2BN2 18. OCEAN EXPEDITION, C2BP2 17. OCEAN GALAXY, C2BQ2 18. OCEAN WARRIOR, C2BC2 19. ORIENTAL MARINE, C2AP2 20. SIMBUN 88, C2AT2 21. ALPINE ROSE, P2V4189 2. AMARYLLIS 88, P2V5709 3. CHERRY BLOSSOMS 88, P2V5068 4. GARDENIA 888, P2V5654 5. GOLDEN SAPPHIRE 88, P2V5655 Papua 6. MILFLORES 888, P2V5653 New 7. NIUPELALIP NO.8, P2V5491 Guinea 8. PINK CARNATION 88, P2V5045 9. PURPLE LILAC 888, P2V5045 9. PURPLE LILAC 888, P2V5050 10. VIVA BEAR 707, P2V5805 11. VIVA EAGLE 707, P2V5806 11. VIVA EAGLE 707, P2V5806 12. VIVA LION 707, P2V5806 13. VIVA WANTWANT 707, P2V5515 Y Solomon I. SOLOMON EMERALD, H4NF [942] V SOLOMON PEARL, H4NK V SOLOMON PEARL, H4		4. EASTERN STAR, C2AN2	\mathbf{Y}	\mathbf{Y}
7. MARITA 88, C2AS2 8. NAOERO STAR, C2AA2 9. NAOERO SUN, C2AB2 10. NEW CANOE, C2BB2 Y 11. NEW MARINE, C2BC2 Y 12. NEW SPLENDOR, C2BD2 Y 13. OCEAN CHALLENGER, C2BF2 Y 14. OCEAN ENCOUNTER, C2BN2 Y 15. OCEAN ENCOUNTER, C2BN2 Y 16. OCEAN EXPEDITION, C2BP2 Y 17. OCEAN GALAXY, C2BQ2 Y 19. ORIENTAL MARINE, C2AP2 Y 19. ORIENTAL MARINE, C2AP2 Y 19. ORIENTAL MARINE, C2AP2 Y 10. SIMBUN 88, C2AT2 Y 11. ALPINE ROSE, P2V4189 2. AMARYLLIS 88, P2V5099 3. CHERRY BLOSSOMS 88, P2V5068 4. GARDENIA 888, P2V5654 5. GOLDEN SAPPHIRE 88, P2V5655 Papua 6. MILFLORES 888, P2V5653 New 7. NIUPELALIP NO.8, P2V5491 Guinea 8. PINK CARNATION 88, P2V5045 9. PURPLE LILAC 888, P2V5408 10. VIVA BEAR 707, P2V5805 11. VIVA BEAR 707, P2V5805 12. VIVA LION 707, P2V5806 13. VIVA WANTWANT 707, P2V55815 Y Solomon 1. SOLOMON PEARL, H4NK Y 5. SOLOMON PEARL, H4NK Y 5. SOLOMON PEARL, H4NK Y 6. SOUTHERN SEAS NO.301, H4SR Y		5. KAILE 888, C2AQ2	\mathbf{Y}	\mathbf{Y}
8. NAOERO STAR, C2AA2 9. NAOERO SUN, C2AB2 10. NEW CANOE, C2BB2 11. NEW MARINE, C2BC2 11. NEW SPLENDOR, C2BD2 12. NEW SPLENDOR, C2BD2 13. OCEAN CHALLENGER, C2BF2 14. OCEAN CONQUEST, C2BM2 15. OCEAN ENCOUNTER, C2BN2 16. OCEAN ENCOUNTER, C2BN2 17. OCEAN ENCOUNTER, C2BP2 18. OCEAN WARRIOR, C2BC2 19. ORIENTAL MARINE, C2BC2 19. ORIENTAL MARINE, C2BC2 10. SIMBUN 88, C2AT2 11. ALPINE ROSE, P2V4189 22. AMARYLLIS 88, P2V5709 33. CHERRY BLOSSOMS 88, P2V5068 44. GARDENIA 888, P2V5654 55. GOLDEN SAPPHIRE 88, P2V5655 Papua 66. MILFLORES 888, P2V5653 New 77. NIUPELALIP NO.8, P2V5491 Guinea 88. PINK CARNATION 88, P2V5045 99. PURPLE LILAC 888, P2V5055 99. PURPLE LILAC 888, P2V5065 99. PURPLE BURDENCE PPROPURPLE PPROPURP PPROPURPLE PPR		6. MALVA 888, C2AR2	\mathbf{Y}	Y
9. NAOERO SUN, C2AB2 10. NEW CANOE, C2BB2 11. NEW MARINE, C2BC2 12. NEW SPLENDOR, C2BD2 13. OCEAN CHALLENGER, C2BF2 14. OCEAN CONQUEST, C2BM2 15. OCEAN ENCOUNTER, C2BN2 16. OCEAN EXPEDITION, C2BP2 17. OCEAN GALAXY, C2BQ2 18. OCEAN WARRIOR, C2BG2 19. ORIENTAL MARINE, C2BC2 19. ORIENTAL MARINE, C2AP2 20. SIMBUN 88, C2AT2 11. ALPINE ROSE, P2V4189 22. AMARYLLIS 88, P2V5709 33. CHERRY BLOSSOMS 88, P2V5068 44. GARDENIA 888, P2V5654 55. GOLDEN SAPPHIRE 88, P2V5655 Papua 66. MILFLORES 888, P2V5653 New 77. NIUPELALIP NO.8, P2V5491 Guinea 87. PINK CARNATION 88, P2V5045 98. PURPLE LILAC 888, P2V5045 99. PURPLE LILAC 888, P2V5065 10. VIVA BEAR 707, P2V5812 11. VIVA EAGLE 707, P2V5806 13. VIVA WANTWANT 707, P2V55815 Solomon 15. SOLOMON EMERALD, H4NF [942] 15. SOLOMON PEARL, H4NK 16. SOUTHERN SEAS NO.301, H4SR Y		7. MARITA 88, C2AS2	${f Y}$	Y
Nauru		8. NAOERO STAR, C2AA2	\mathbf{Y}	Y
11. NEW MARINÉ, C2BC2		9. NAOERO SUN, C2AB2	\mathbf{Y}	Y
11. NEW MARINE, C2BC2 12. NEW SPLENDOR, C2BD2 13. OCEAN CHALLENGER, C2BF2 14. OCEAN CONQUEST, C2BM2 15. OCEAN ENCOUNTER, C2BN2 16. OCEAN EXPEDITION, C2BP2 17. OCEAN GALAXY, C2BQ2 18. OCEAN WARRIOR, C2BG2 19. ORIENTAL MARINE, C2AP2 20. SIMBUN 88, C2AT2 11. ALPINE ROSE, P2V4189 2. AMARYLLIS 88, P2V5709 3. CHERRY BLOSSOMS 88, P2V5068 4. GARDENIA 888, P2V5654 5. GOLDEN SAPPHIRE 88, P2V5655 Papua 6. MILFLORES 888, P2V5653 New 7. NIUPELALIP NO.8, P2V5491 Guinea 8. PINK CARNATION 88, P2V5491 Guinea 8. PINK CARNATION 88, P2V5495 10. VIVA BEAR 707, P2V5812 11. VIVA EAGLE 707, P2V5805 12. VIVA LION 707, P2V5805 13. VIVA WANTWANT 707, P2V55815 Solomon 1. SOLOMON PAL, H4AB 3. SOLOMON OPAL, H4AB 4. SOLOMON PEARL, H4NK 5. SOLOMON RUBY, H4AM 6. SOUTHERN SEAS NO.301, H4SR	Nouvu	10. NEW CANOE, C2BB2	\mathbf{Y}	Y
13. OCEAN CHALLENGER, C2BF2 14. OCEAN CONQUEST, C2BM2 15. OCEAN ENCOUNTER, C2BM2 15. OCEAN ENCOUNTER, C2BN2 16. OCEAN EXPEDITION, C2BP2 17. OCEAN GALAXY, C2BQ2 18. OCEAN WARRIOR, C2BG2 19. ORIENTAL MARINE, C2AP2 20. SIMBUN 88, C2AT2 21. ALPINE ROSE, P2V4189 2. AMARYLLIS 88, P2V5709 3. CHERRY BLOSSOMS 88, P2V5068 4. GARDENIA 888, P2V5654 5. GOLDEN SAPPHIRE 88, P2V5655 YA Papua 6. MILFLORES 888, P2V5653 New 7. NIUPELALIP NO.8, P2V5491 Guinea 8. PINK CARNATION 88, P2V5045 9. PURPLE LILAC 888, P2V5045 9. PURPLE LILAC 888, P2V5805 10. VIVA BEAR 707, P2V5812 11. VIVA EAGLE 707, P2V5806 13. VIVA WANTWANT 707, P2V55815 Solomon 1. SOLOMON EMERALD, H4NF [942] Islands 2. SOLOMON OPAL, H4AL 4. SOLOMON PEARL, H4NK 5. SOLOMON RUBY, H4AM 6. SOUTHERN SEAS NO.301, H4SR	Nauru	11. NEW MARINE, C2BC2	\mathbf{Y}	Y
14. OCEAN CONQUEST, C2BM2 15. OCEAN ENCOUNTER, C2BN2 16. OCEAN ENCOUNTER, C2BN2 17. OCEAN EXPEDITION, C2BP2 17. OCEAN GALAXY, C2BQ2 18. OCEAN WARRIOR, C2BG2 19. ORIENTAL MARINE, C2AP2 20. SIMBUN 88, C2AT2 11. ALPINE ROSE, P2V4189 22. AMARYLLIS 88, P2V5709 33. CHERRY BLOSSOMS 88, P2V5068 44. GARDENIA 888, P2V5654 55. GOLDEN SAPPHIRE 88, P2V5655 75. GOLDEN SAPPHIRE 88, P2V5655 76. WY 77. NIUPELALIP NO.8, P2V5491 78. ORIGINAL SAPPHIRE 88, P2V5045 79. PURPLE LILAC 888, P2V5045 70. VIVA BEAR 707, P2V5805 71. VIVA EAGLE 707, P2V5806 73. VIVA WANTWANT 707, P2V55815 74. SOLOMON EMERALD, H4NF [942] 75. SOLOMON PEARL, H4NK 76. SOUTHERN SEAS NO.301, H4SR 77. SOLOMON RUBY, H4AM 78. SOLOMON RUBY, H4AM 79. GOUTHERN SEAS NO.301, H4SR		12. NEW SPLENDOR, C2BD2	\mathbf{Y}	Y
15. OCEAN ENCOUNTER, C2BN2		,	\mathbf{Y}	Y
16. OCEAN EXPEDITION, C2BP2		14. OCEAN CONQUEST, C2BM2	\mathbf{Y}	Y
17. OCEAN GALAXY, C2BQ2 18. OCEAN WARRIOR, C2BG2 19. ORIENTAL MARINE, C2AP2 20. SIMBUN 88, C2AT2 11. ALPINE ROSE, P2V4189 22. AMARYLLIS 88, P2V5709 33. CHERRY BLOSSOMS 88, P2V5068 44. GARDENIA 888, P2V5654 55. GOLDEN SAPPHIRE 88, P2V5655 Papua 66. MILFLORES 888, P2V5653 New 77. NIUPELALIP NO.8, P2V5491 Guinea 88. PINK CARNATION 88, P2V5045 99. PURPLE LILAC 888, P2V5045 90. PURPLE LILAC 888, P2V5045 910. VIVA BEAR 707, P2V5812 911. VIVA EAGLE 707, P2V5805 912. VIVA LION 707, P2V5806 913. VIVA WANTWANT 707, P2V55815 92. SOLOMON EMERALD, H4NF [942] 93. SOLOMON OPAL, H4AB 94. SOLOMON PEARL, H4NK 95. SOLOMON RUBY, H4AM 96. SOUTHERN SEAS NO.301, H4SR			\mathbf{Y}	Y
18. OCEAN WARRIOR, C2BG2 19. ORIENTAL MARINE, C2AP2 20. SIMBUN 88, C2AT2 21. ALPINE ROSE, P2V4189 2. AMARYLLIS 88, P2V5709 3. CHERRY BLOSSOMS 88, P2V5068 4. GARDENIA 888, P2V5654 5. GOLDEN SAPPHIRE 88, P2V5655 Papua 6. MILFLORES 888, P2V5653 New 7. NIUPELALIP NO.8, P2V5491 Guinea 8. PINK CARNATION 88, P2V5045 9. PURPLE LILAC 888, P2V5045 9. PURPLE LILAC 888, P2V5085 10. VIVA BEAR 707, P2V5812 11. VIVA EAGLE 707, P2V5805 12. VIVA LION 707, P2V5806 13. VIVA WANTWANT 707, P2V55815 Solomon 1. SOLOMON EMERALD, H4NF [942] Islands 2. SOLOMON JADE, H4AB 3. SOLOMON OPAL, H4AL 4. SOLOMON PEARL, H4NK 5. SOLOMON RUBY, H4AM 6. SOUTHERN SEAS NO.301, H4SR Y			\mathbf{Y}	Y
19. ORIENTAL MARINE, C2AP2 20. SIMBUN 88, C2AT2 1. ALPINE ROSE, P2V4189 2. AMARYLLIS 88, P2V5709 3. CHERRY BLOSSOMS 88, P2V5068 4. GARDENIA 888, P2V5654 5. GOLDEN SAPPHIRE 88, P2V5655 Papua 6. MILFLORES 888, P2V5653 New 7. NIUPELALIP NO.8, P2V5491 Guinea 8. PINK CARNATION 88, P2V5045 9. PURPLE LILAC 888, P2V5045 9. PURPLE LILAC 888, P2V5408 10. VIVA BEAR 707, P2V5812 11. VIVA EAGLE 707, P2V5805 12. VIVA LION 707, P2V5806 13. VIVA WANTWANT 707, P2V55815 Solomon 1. SOLOMON EMERALD, H4NF [942] Islands 2. SOLOMON JADE, H4AB 3. SOLOMON OPAL, H4AL 4. SOLOMON PEARL, H4NK 5. SOLOMON RUBY, H4AM 6. SOUTHERN SEAS NO.301, H4SR		17. OCEAN GALAXY, C2BQ2		
20. SIMBUN 88, C2AT2		· · · · · · · · · · · · · · · · · · ·	\mathbf{Y}	Y
1. ALPINE ROSE, P2V4189 2. AMARYLLIS 88, P2V5709 3. CHERRY BLOSSOMS 88, P2V5068 4. GARDENIA 888, P2V5654 5. GOLDEN SAPPHIRE 88, P2V5655 YPapua 6. MILFLORES 888, P2V5653 New 7. NIUPELALIP NO.8, P2V5491 Guinea 8. PINK CARNATION 88, P2V5045 9. PURPLE LILAC 888, P2V5045 10. VIVA BEAR 707, P2V5812 11. VIVA EAGLE 707, P2V5805 12. VIVA LION 707, P2V5805 12. VIVA LION 707, P2V5806 13. VIVA WANTWANT 707, P2V55815 Solomon 1. SOLOMON EMERALD, H4NF [942] Islands 2. SOLOMON JADE, H4AB 3. SOLOMON OPAL, H4AL 4. SOLOMON PEARL, H4NK 5. SOLOMON RUBY, H4AM 6. SOUTHERN SEAS NO.301, H4SR		19. ORIENTAL MARINE, C2AP2		
2. AMARYLLIS 88, P2V5709 3. CHERRY BLOSSOMS 88, P2V5068 4. GARDENIA 888, P2V5654 5. GOLDEN SAPPHIRE 88, P2V5655 Y Papua 6. MILFLORES 888, P2V5653 New 7. NIUPELALIP NO.8, P2V5491 Guinea 8. PINK CARNATION 88, P2V5045 9. PURPLE LILAC 888, P2V5045 10. VIVA BEAR 707, P2V5812 11. VIVA EAGLE 707, P2V5805 12. VIVA LION 707, P2V5806 13. VIVA WANTWANT 707, P2V55815 Y Solomon 1. SOLOMON EMERALD, H4NF [942] Islands 2. SOLOMON JADE, H4AB 3. SOLOMON OPAL, H4AL 4. SOLOMON PEARL, H4NK 5. SOLOMON RUBY, H4AM 6. SOUTHERN SEAS NO.301, H4SR		20. SIMBUN 88, C2AT2	Y	Y
3. CHERRY BLOSSOMS 88, P2V5068 4. GARDENIA 888, P2V5654 5. GOLDEN SAPPHIRE 88, P2V5655 Y Papua 6. MILFLORES 888, P2V5653 New 7. NIUPELALIP NO.8, P2V5491 Guinea 8. PINK CARNATION 88, P2V5045 9. PURPLE LILAC 888, P2V5045 10. VIVA BEAR 707, P2V5812 11. VIVA EAGLE 707, P2V5805 12. VIVA LION 707, P2V5806 13. VIVA WANTWANT 707, P2V55815 Solomon 1. SOLOMON EMERALD, H4NF [942] Y Islands 2. SOLOMON JADE, H4AB 3. SOLOMON OPAL, H4AL 4. SOLOMON PEARL, H4NK 5. SOLOMON RUBY, H4AM 6. SOUTHERN SEAS NO.301, H4SR		•		
4. GARDENIA 888, P2V5654 5. GOLDEN SAPPHIRE 88, P2V5655 Y Papua 6. MILFLORES 888, P2V5653 New 7. NIUPELALIP NO.8, P2V5491 Guinea 8. PINK CARNATION 88, P2V5045 9. PURPLE LILAC 888, P2V5408 10. VIVA BEAR 707, P2V5812 11. VIVA EAGLE 707, P2V5805 12. VIVA LION 707, P2V5806 Y 13. VIVA WANTWANT 707, P2V55815 Solomon 1. SOLOMON EMERALD, H4NF [942] Y Islands 2. SOLOMON JADE, H4AB Y 3. SOLOMON OPAL, H4AL Y 4. SOLOMON PEARL, H4NK Y 5. SOLOMON RUBY, H4AM Y 6. SOUTHERN SEAS NO.301, H4SR				
5. GOLDEN SAPPHIRE 88, P2V5655 Papua 6. MILFLORES 888, P2V5653 New 7. NIUPELALIP NO.8, P2V5491 Guinea 8. PINK CARNATION 88, P2V5045 9. PURPLE LILAC 888, P2V5408 10. VIVA BEAR 707, P2V5812 11. VIVA EAGLE 707, P2V5805 12. VIVA LION 707, P2V5806 Y 13. VIVA WANTWANT 707, P2V55815 Solomon 1. SOLOMON EMERALD, H4NF [942] Islands 2. SOLOMON JADE, H4AB 3. SOLOMON OPAL, H4AL 4. SOLOMON PEARL, H4NK 5. SOLOMON RUBY, H4AM 6. SOUTHERN SEAS NO.301, H4SR		· · · · · · · · · · · · · · · · · · ·		
Papua 6. MILFLORES 888, P2V5653 Y New 7. NIUPELALIP NO.8, P2V5491 Y Guinea 8. PINK CARNATION 88, P2V5045 Y 9. PURPLE LILAC 888, P2V5408 Y 10. VIVA BEAR 707, P2V5812 Y 11. VIVA EAGLE 707, P2V5805 Y 12. VIVA LION 707, P2V5806 Y 13. VIVA WANTWANT 707, P2V55815 Y Solomon 1. SOLOMON EMERALD, H4NF [942] Y Islands 2. SOLOMON JADE, H4AB Y 3. SOLOMON OPAL, H4AL Y 4. SOLOMON PEARL, H4NK Y 5. SOLOMON RUBY, H4AM Y 6. SOUTHERN SEAS NO.301, H4SR Y				
New 7. NIUPELALIP NO.8, P2V5491 Y Guinea 8. PINK CARNATION 88, P2V5045 Y 9. PURPLE LILAC 888, P2V5408 Y 10. VIVA BEAR 707, P2V5812 Y 11. VIVA EAGLE 707, P2V5805 Y 12. VIVA LION 707, P2V5806 Y 13. VIVA WANTWANT 707, P2V55815 Y Solomon 1. SOLOMON EMERALD, H4NF [942] Y Islands 2. SOLOMON JADE, H4AB Y 3. SOLOMON OPAL, H4AL Y 4. SOLOMON PEARL, H4NK Y 5. SOLOMON RUBY, H4AM Y 6. SOUTHERN SEAS NO.301, H4SR Y		, , , , , , , , , , , , , , , , , , ,		
Guinea 8. PINK CARNATION 88, P2V5045 Y 9. PURPLE LILAC 888, P2V5408 Y 10. VIVA BEAR 707, P2V5812 Y 11. VIVA EAGLE 707, P2V5805 Y 12. VIVA LION 707, P2V5806 Y 13. VIVA WANTWANT 707, P2V55815 Y Solomon 1. SOLOMON EMERALD, H4NF [942] Y Islands 2. SOLOMON JADE, H4AB Y 3. SOLOMON OPAL, H4AL Y 4. SOLOMON PEARL, H4NK Y 5. SOLOMON RUBY, H4AM Y 6. SOUTHERN SEAS NO.301, H4SR Y	_	·		
9. PURPLE LILAC 888, P2V5408 10. VIVA BEAR 707, P2V5812 11. VIVA EAGLE 707, P2V5805 12. VIVA LION 707, P2V5806 13. VIVA WANTWANT 707, P2V55815 Solomon 1. SOLOMON EMERALD, H4NF [942] Islands 2. SOLOMON JADE, H4AB 3. SOLOMON OPAL, H4AL 4. SOLOMON PEARL, H4NK 5. SOLOMON RUBY, H4AM 6. SOUTHERN SEAS NO.301, H4SR	1			
10. VIVA BEAR 707, P2V5812	Guinea			
11. VIVA EAGLE 707, P2V5805 Y 12. VIVA LION 707, P2V5806 Y 13. VIVA WANTWANT 707, P2V55815 Y Solomon 1. SOLOMON EMERALD, H4NF [942] Y Islands 2. SOLOMON JADE, H4AB Y 3. SOLOMON OPAL, H4AL Y 4. SOLOMON PEARL, H4NK Y 5. SOLOMON RUBY, H4AM Y 6. SOUTHERN SEAS NO.301, H4SR Y		•		
12. VIVA LION 707, P2V5806 Y 13. VIVA WANTWANT 707, P2V55815 Y Solomon 1. SOLOMON EMERALD, H4NF [942] Y Islands 2. SOLOMON JADE, H4AB Y 3. SOLOMON OPAL, H4AL Y 4. SOLOMON PEARL, H4NK Y 5. SOLOMON RUBY, H4AM Y 6. SOUTHERN SEAS NO.301, H4SR Y		,		
13. VIVA WANTWANT 707, P2V55815		· · · · · · · · · · · · · · · · · · ·		
Solomon 1. SOLOMON EMERALD, H4NF [942] Y Islands 2. SOLOMON JADE, H4AB Y 3. SOLOMON OPAL, H4AL Y 4. SOLOMON PEARL, H4NK Y 5. SOLOMON RUBY, H4AM Y 6. SOUTHERN SEAS NO.301, H4SR Y				
Islands 2. SOLOMON JADE, H4AB Y 3. SOLOMON OPAL, H4AL Y 4. SOLOMON PEARL, H4NK Y 5. SOLOMON RUBY, H4AM Y 6. SOUTHERN SEAS NO.301, H4SR Y		· · · · · · · · · · · · · · · · · · ·		Y
3. SOLOMON OPAL, H4AL Y 4. SOLOMON PEARL, H4NK Y 5. SOLOMON RUBY, H4AM Y 6. SOUTHERN SEAS NO.301, H4SR Y	1	,		
4. SOLOMON PEARL, H4NK Y 5. SOLOMON RUBY, H4AM Y 6. SOUTHERN SEAS NO.301, H4SR Y	Islands	,		
5. SOLOMON RUBY, H4AM Y 6. SOUTHERN SEAS NO.301, H4SR Y		•		
6. SOUTHERN SEAS NO.301, H4SR Y		· · · · · · · · · · · · · · · · · · ·		
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7. SUUTHEKN SEAS NU.302, H4ST Y		,		
O ELIZIANINO ODO DI 2007		,	Y	X 7
8. FU KUAN NO.808, BL2097 9. MARINE PIONEER, 1480				
9. MARINE PIONEER, H4BO 10. SOUTHERN SEAS NO.303, H4SU Y Y			3 7	
10. SOUTHERN SEAS NO.303, H4SU Y Y		10. SOU I NEKN SEAS NO.303, H4SU	ĭ	ĭ

Notifying CCM	Vessel notified under CMM 2021-01 14 footnote 1	Notified for 2022	Notified for 2023
	1. CARIBE, T2PC5	Y	Y
Tuvalu	2. COSMOS KIM, T2QA5	${f Y}$	Y
	3. DEOLINDA, T2PZ5	${f Y}$	${f Y}$
	4. ELSPETH, T2PH5	${f Y}$	${f Y}$
	5. QUEEN ELLICE, T2FA3	\mathbf{Y}	\mathbf{Y}
	6. TAINA, T2BX5	Y	Y

Table 2: Summary of the numbers of vessels that notified the Commission of the footnote 1 exemption in the Tropical Tuna CMM, and their combined numbers of FADs sets and catches during the FADs closure 2019 - 2022.

Year	Vessels		FAD sets	Total catch (MT)			
	Notifying	Fished		Skipjack	Yellowfin	Bigeye	Total
2019	55	55	638	35,484	1,670	394	37,548
2020	92	87	1,116	54,525	6,570	1,553	62,648
2021	92	82	770	21,708	8,915	503	31,126
2022	71	62	775	28,763	1,560	930	31,253

Source: Table 15 in Results of SPC analyses requested by TTMW3 and preliminary evaluation of CMM 2021-01 (WCPFC-TTMW4-2023-04 issued 23 September 2023)