

8TH MEETING OF THE COMPLIANCE AND TECHNICAL COMMITTEE (CTC)

Held remotely, 21-23 January 2021

CTC 8 – Doc 06

Trachurus murphyi Implementation Report

Secretariat

1. Background

[CMM 01-2020](#) (*Trachurus murphyi*) does not specifically require that the Secretariat provide an implementation report. However, there are several elements within the CMM that the Secretariat is required to implement throughout the year. This document gathers those elements in a single document. Additionally, it also shows what the effect of the latest advice of the Scientific Committee would be for 2021 on the individual catch limits according to the current CMM.

2. Threshold (70%) and date of closure – Paragraph 7

During 2020, two Members reached 70% of their catch limit. Chile was informed by letter on 8 June 2020 (G66-2020) and the Russian Federation on 21 October 2020 (G140-2020). No Member has reached 100% of their catch limit or formally closed its fishery, although 3 fleets decided not to conduct fishing during 2020 due at least in part to the Covid19 pandemic.

3. Entitlement transfers – Paragraph 9

The Secretariat is responsible for notifying the Members and CNCPs when each transfer occurs and circulating the approval of the receiving Member. During 2020 there were 9 transfers involving 9 Members as summarised in Table 1.

Table 1: 2020 Transfers (tonnes) of Jack mackerel catch entitlement

Member	2020 catch entitlement	Transfers received	Transfers given	Current Limit
Chile (total)	439 034	127 727		566 761
China	43 164		0	43 164
Cook Islands	0		0	0
Cuba	1 517		1 517	0
Ecuador (total)	8 594		8 594	0
European Union	41 538	1 517	43 055	0
Faroe Islands	7 539		7 539	0
Korea	8 719		6 049	2 670
Peru (high seas)	13 793		13 793	0
Russian Federation	22 321		16 915	5 406
Vanuatu	31 782		31 782	0
Total	618 001	129 244	129 244	618 001



4. Catches throughout the range of the stock – Paragraph 10

Members and CNCPs agreed that catches of *Trachurus murphyi* in 2020 throughout the range of the stock should not exceed 680 000 tonnes. Thus far the 2020 catches for *Trachurus murphyi* are estimated from monthly reports to be 695 100 tonnes which is 102.2% of the amount referred to in paragraph 10 ¹.

5. Notification of catches against catch limits – Paragraph 11 and 13

The Executive Secretary shall inform Members and CNCPs when catches of *Trachurus murphyi* in the range of its distribution have reached 70% of the amount referred to in paragraph 10. Letter G67-2020 on 9 June 2020 informed Members and CNCPs that total catches in the *Trachurus murphyi* fishery were estimated at 535,293 t to date, which is 78.7% of the amount specified in paragraph 10 of CMM 01-2020 (i.e. 680,000 t). Paragraph 13 states that when total catches have reached 70% of the amount indicated in paragraph 10, Members and CNCPs agree to implement a 15 day reporting period. Fifteen day reporting for the jack mackerel fishery was implemented in June 2020.

The Executive Secretary shall inform Members and CNCPs when the amount referred to in paragraph 10 has been reached. Letter G155-2020 on 27 November 2020 informed Members and CNCPs that according to the Secretariat's catch data records, total catches in the *Trachurus murphyi* fishery were estimated at 682,388 t which is 100.4% of the amount specified in paragraph 10. However, corrected data submitted later revised this figure, indicating that only 99.4% of the amount specified in paragraph 10 had been taken (Letter G160-2020).

6. Verification of 2019 annual catch reports – Paragraph 16

Each year the Executive Secretary shall verify the annual catch reports and inform the Members and CNCPs of the outcome of the verification exercise and any possible discrepancies encountered.

Table 2: 2019 Verification of Annual catch (tonnes) reports

Member	2019 annual catch	Monthly reports ²	Fishing activities ³	Transshipments ⁴	Landings ⁵
Chile (high seas)	2 283	2 283	2 283		2 326
China	22 699	22 699	22 714	17 601	2 349
European Union	11 870	11 780	11 789		11 870
Korea	7 444	7 444	7 444	1 432	6 018
Russian Federation	9 423	9 426	9 412		9 414

As shown in Table 2 there were no notable discrepancies between any of the different types of catch data received by the Secretariat.

¹ This figure does not include catches from the second part of December 2020. As of the date of this paper the Secretariat was preparing (but had not sent) the monthly catch report to inform Members and CNCPs regarding the status of the Jack mackerel catches.

² As per paragraph 11 of CMM 01-2019 (*Trachurus murphyi*)

³ As per paragraph 1b of CMM 02-2020 (Data standards)

⁴ As per paragraph 1c of CMM 02-2020 (Data standards) and paragraph 8 of CMM 12-2018 (Transshipment)

⁵ As per paragraph 1c of CMM 02-2020 (Data standards)



7. Lists of authorised, active vessels and vessels engaged in transshipment – Paragraphs 6 and 19

The SPRFMO [Record of Vessels](#) shows the list of vessels that are authorised and is available via the Organisation’s website. Each year the Secretariat produces a document (CTC8-Doc07) for the annual meeting which contains a condensed list of the Record of Vessels and shows which vessels have been in the SPRFMO Area during the preceding year. In addition the vessels actively fishing or engaged in transshipment for *Trachurus murphyi* by month in the 2020 calendar year are also shown on the SPRFMO website ([2020 fishery](#)).

8. Domestic measures – Paragraph 27

Paragraph 27 of CMM 02-2020 states that where, due to exceptional and unforeseen circumstances in the stock biomass in the inter-sessional period, coastal States that have not given their express consent under Article 20 paragraph 4 (a) (ii) establish domestic measures concerning catches of *Trachurus murphyi* in areas under their national jurisdiction that may result in catches exceeding 61 999 tonnes they agree to submit to the Secretariat a report explaining to the Commission how the national measures are compatible with those adopted by the Commission and how they have taken into account the requirements of Article 4 paragraph 2(a), (b) and (c) of the Convention.

Letter G41-2020 (22 April 2020) contained Peru’s 2020 report on compatibility of its national Jack mackerel measures. This includes a reference to Ministerial Resolution No.123-2020-PRODUCE – Increasing the Jack mackerel catch limit for the 2020 period which includes a resolution “Increasing the Jack mackerel (*Trachurus murphyi*) catch limit for the 2020 period, within the framework of Ministerial Resolution No. 025-2020-PRODUCE, Article 1, to one hundred and forty thousand (140,000) tonnes.”

9. SC8 advice

The 8th meeting of the SPRFMO Scientific Committee occurred 3-8 October 2020 (hosted by New Zealand but held remotely). Paragraph 117 of the [SC8-Report](#) records that “the SC recommended a 15% increase in 2021 catches throughout the range of Jack mackerel- at or below 782 kt”.

Table 2 of CMM 01-2020 contains the percentages that will be used by the Commission as a basis for the allocation of Member and CNCPs’ catch limits from 2018 to 2021 inclusive.

Table 3 below shows the outcome of applying the latest advice of the Scientific Committee against the percentages listed in table 2 of CMM 01-2020⁶.

⁶ Results are rounded to the nearest whole tonne.



Table 3: 2021 Catch limit allocation (tonnes) as per para 26 of CMM 01-2020

Member	Percentage (Table 2, CMM 01-2020)	2021
Chile (total)	64.5638	504 889
China	6.3477	49 639
Cook Islands	0.0000	0
Cuba	0.2231	1 745
Ecuador (total)	1.2638	9 883
European Union	6.1086	47 769
Faroe Islands	1.1087	8 670
Korea	1.2822	10 027
Peru (high seas)	2.0284	15 862
Russian Federation	3.2825	25 669
Vanuatu	4.6738	36 549
Total		710 702

In Paragraph 28 of CMM 01-2020 (*Trachurus Murphyi*) the Commission specifically requested advice from the SC regarding the possible impact of national measures adopted on the *Trachurus murphyi* fishery. Paragraph 123 of the [SC8-Report](#) records that the SC noted that due to the tight schedule in the online meeting format, it was not possible to fully address this question. However they did note (paragraph 124) that in 2019, the sum of realised catch of Jack mackerel was higher than the maximum recommended by the SC but that due to the estimated abundance, apparent low fishing mortality and recovery of the stock, the SC was unable to detect if this overcatch made much difference to the stock status of Jack mackerel. However, any catch higher than that recommended by the SC is outside of what has been evaluated as part the current rebuilding plan. In the longer term, it is necessary to evaluate the potential structural impacts of national measures on the *Trachurus murphyi* fishery. This would best be carried out as part of the Management Strategy Evaluation. This would require a precise specification of the type of national measures that should be considered.

The Scientific Committee also recommended that intersessional work on comparison of protocols and exchange of otoliths between Members take place, including a possible intersessional workshop, and that a Jack mackerel data workshop and a Jack mackerel benchmark workshop be held in 2021.