Original: English

Report of the First Intersessional Meeting of Panel 1

(hybrid, Lisbon, Portugal, 27-31 March 2023)

1. Opening of the meeting

Mr. Paul Bannerman (Ghana), the Chair of Panel 1, opened the meeting.

2. Appointment of rapporteur and meeting arrangements

Since no CPC offered to rapporteur the meeting, the Chair indicated he would assume this role.

3. Adoption of the Agenda

The Panel reviewed the agenda which, following slight modification, was adopted and focussed on establishing a TAC, an allocation key and additional measures to sustain the tropical fishery (**Appendix 1**).

Appendix 2 includes a list of delegates from each participating CPC as well as observers.

The ICCAT Executive Secretary, indicated that there were no changes in the Panel 1 membership. The 41 members are Angola, Belize, Brazil, Cabo Verde, Canada, China (P.R.), Côte d'Ivoire, Curaçao, El Salvador, Equatorial Guinea, European Union, France (St Pierre et Miquelon), Gabon, Ghana, Guatemala, Guinea (Rep.), Guinea-Bissau, Honduras, Japan, Korea (Rep.), Liberia, Libya, Mauritania, Mexico, Morocco, Namibia, Nicaragua, Nigeria, Panama, Philippines, Russian Federation, São Tomé and Príncipe, Senegal, Sierra Leone, South Africa, St Vincent and the Grenadines, Trinidad and Tobago, United Kingdom of Great Britain and Northern Ireland, United States of America, Uruguay, and Venezuela.

32 CPCs, 4 Cooperating Parties and 7 NGOs participated in the meeting. Bolivia expressed its intention to apply for Panel 1 membership at the following meeting of the Commission.

The Chair of Panel 1 reiterated the fact that there were different approaches from the previous meetings from different CPCs which needed to be consolidated and that more effort was needed to harmonise existing measures in line with SCRS reports. The "Draft Recommendation by ICCAT replacing Recommendation 21-01 on a multi-annual conservation and management programme for tropical tunas" (PA1_505_REV/2022) had been produced by the Chair of Panel 1 during the 2022 Annual Meeting, and included all comments by CPCs during previous intersessional meetings and would serve as the basis for further discussion for building consensus on the TAC, allocation key and other measures to sustain the tropical fishery with emphasis on the continuous recovery of the bigeye tuna stock. The Chair of Panel 1 mentioned that the ICCAT Secretariat would inform about issues on fishing plans, compliance tables and catch limits, without modifying the information, which is the responsibility of the CPCs, which may facilitate discussions on Panel 1.

The meeting was held in hybrid format in Lisbon (Portugal) from 27-31 March 2023.

4. Review of fishing, capacity and FAD management plans submitted by CPCs, including statements for development of fisheries

A number of issues were raised regarding fishing plans and several CPCs answered questions about their fishing plans.

Japan pointed out that Senegal's payback plan for their overage written in their fishing plan is not in compliance with the rules in the Recommendation, since excess catches are in principle deducted from the year specified in the Recommendation and insisted that the Commission's consensus is mandatory for acceptance of their plan. The ICCAT Secretariat noted that the Compliance Committee agreed not to

acknowledge the plans which are not in line with the Recommendation. In response to questions about Senegal's management plan, Panel 1 took note of the repayment plan for the overharvest of 1377.77 t in 2020 proposed by Senegal over 10 years (2023-2032). Panel 1 agreed that only the Commission could formally adopt any repayment plan and noted that any repayment period longer than two years would constitute a derogation from existing requirements. Given the need for a way forward for the 2023 fishing season, Panel 1 agreed that Senegal should implement the catch limit for 2023 reflected in its most recent Fishing Capacity Management Plan, pending a decision by the Commission at its 2023 Annual Meeting on the question of a repayment plan for Senegal.

In response to a question, the United States explained that it had not submitted an updated plan because Panel 1 had previously determined that the requirement to submit a management plan did not apply to CPCs that fall under paragraph 4(d) of the tropical tunas measure and, therefore, have no catch limit. It was agreed that the reporting requirements could be revisited as appropriate in discussions related to the development of a comprehensive measure.

In response to a question, Korea (Rep.) explained how it set its adjusted catch limit in past years and agreed to provide an explanation in writing, which is included in **Appendix 3**.

The sections on tropical tunas (yellowfin, bigeye, and skipjack) contained in the *Report for Biennial Period, 2022-23 Part I (2022), Vol. 1* were briefly mentioned by the Chair of Panel 1 and noted responses to the Commission, SCRS work plan, and progress on the MSE process for some species. He said that some CPCs were not providing enough data on FAD/FOB deployment as per Rec. 21-01, and as such information remains poor. It was noted that the SCRS was unable to analyse the maximum number of FAD sets which should be established per vessel or per CPC, as the information available was not sufficient. Several delegations in particular, Belize, Curaçao, El Salvador, Guatemala and Panama, intervened to clarify that they had provided the required information to the ICCAT Secretariat, but drew attention to the continued lack of sufficient data and the need for coordination between the ICCAT Secretariat and these CPCs to ensure that the SCRS has all the required information.

5. Approaches to allocate the bigeye tuna Total Allowable Catch (TAC) (with particular attention to the interests of developing coastal States)

The Chair of Panel 1, after much deliberation on the TAC, stated that most CPCs agreed on a TAC of either 70,000 t or 75,000 t, or somewhere between those two figures, but highlighted that the other control measures within the proposal are equally as important and need to be considered by the Commission.

Many CPCs stated their desire for progress on this matter, to avoid another TAC rollover of the current measure, which would not only imply rollover of the current TAC, but also maintaining the status quo and again reiterated that rights of developing States shall be considered when deciding allocations from any TAC agreed upon.

Informal consultations during the meeting enabled a consensus on a TAC of 73,000 t to be reached, provided that it is accompanied by the partial harvest control rule proposed by Japan and South Africa, without the reference probabilities percentage for the TAC being agreed. These discussions needed to take place over a longer period of time so as to address issues related to allocation criteria for the distribution of the bigeye tuna TAC but it was agreed that the issues to be resolved in order to develop a comprehensive management measure were: allocation criteria for bigeye fishing possibilities, FAD limits and closure periods.

6. Available FAD data and FAD management issues

"Status on tropical tunas FAD fisheries data submissions by CPCs in 2022" (PA1_504_REV/2022), prepared by the ICCAT Secretariat, was presented. The Compliance Committee has also highlighted a continuing lack of data submissions by some CPCs. A member of the Secretariat noted that CPCs should have submitted historical FAD data by 31 July 2022, but because the format of the historical data was not properly specified, this data cannot be incorporated into the Secretariat's database even where it had been provided within Task 2 data. Several CPCs confirmed that they had submitted the information available in their databases to the ICCAT Secretariat, in accordance with the standards approved by ICCAT, which was confirmed by ICCAT.

However, the ICCAT Secretariat clarified that there is a need for all CPCs to report high resolution, 1x1 square latitude/longitude data by month to be able to carry out the analysis, and it was concluded that, to facilitate the submission of the necessary data, the ICCAT Secretariat will provide assistance to any CPCs that so need. CPCs expressed frustration with the confusion surrounding the obligations in Rec. 22-01 paragraph 31 and with the continued lack of clarity regarding whether any CPCs have failed to submit their historical FAD data as required.

In response to a question regarding the Decision Support Tool (DST) developed by the SCRS in 2018, the SCRS Chair confirmed that the SCRS could update that tool with the most recent stock assessment results if desired by the Panel. A number of CPCs supported the SCRS undertaking this analysis.

7. Review of the Compliance Table (PA1_31/i2023)

The document "Detailed explanation of the 2020 catch limits/thresholds for bigeye contained in the Compliance Tables - Revision, possible variations and comparison suggested by the Secretariat for consideration by Panel 1" on the criteria for the calculations of catch limits from all CPCs was presented by the ICCAT Secretariat. Subsequently, a revised version of this document was presented. Several delegations noted that while the content and conclusions of these documents reflect the intention of ICCAT Secretariat to inform, these conclusions are not shared, and their content was not discussed by Panel 1. It was further noted that that these documents contain interpretations that have not been analysed by the Commission and gaps in the content of the current management measure were identified, which while informative, is the exclusive competence of the Commission.

Compliance issues regarding under /overharvest of quotas and how these affect catch limits within payback periods were briefly discussed, without addressing the issues that pertain to the Compliance Committee. Some CPCs expressed that they had been affected by current measure on overharvest and payback and requested the consideration of Panel 1. Panel 1 did not enter into issues of interpretation or modification of current regulations but encouraged these CPCs to submit their situations in writing for redress by the Compliance Committee before the November 2023 meeting. Further it was emphasised that the basis for establishing quotas emanates from accurate and reliable data from CPCs and that each CPC should endeavour to provide the requisite data to the SCRS for establishing catch limits for quotas and any under or overharvest that could affect subsequent quota allocations. Some CPCs were to inform the Secretariat on revisions to their catches, mis-reporting and other issues for amendment and revisions. It was noted that the Compliance Committee highlighted a continuing lack of data submissions by some CPCs and urged all CPCs to complete all data submission within the established deadlines to ensure prompt information on stocks.

8. Allocation key for distribution of bigeye tuna TAC

Various proposals put forward in the previous meetings by various CPCs were again briefly presented and further explanations given as to the allocation key, among other issues. The EU presented again their proposed allocation methodology, as described in "Explanatory note on a proposed methodology for the allocation of fishing opportunities for bigeye tuna" (PA1_509_REV/2022), with allocation adjustments made to distinguish between coastal States and distant water fishing nations; an adjustment towards developing coastal CPCs, and an equalisation quota of 5% of the TAC; set-aside for artisanal fleets of 5% of the TAC. South Africa, again, in its proposal "Draft Recommendation by ICCAT for the allocation and management of small harvester CPCs to be built into a revised multi-annual conservation and management programme for tropical tunas" (PA1_507/2022) indicated the need to allocate rights of 5% to small harvesters, with trigger limits of 1000 t per CPC, with additional group trigger limits to be divided among developing coastal States. Japan presented, again, its "Proposal on bigeye allocation" (PA_511A/2022). This document proposed a gradual reduction to the allocation for developed CPCs to increase the allocation for developing CPCs. This proposal did not deal with the allocations for small harvesters, which should be agreed separately, such as through the South African proposal (PA1_507/2022). Belize, Curação, El Salvador, Guatemala, Honduras, Nicaragua and Panama presented their updated proposal, which was developed based on Chair's text, and submitted to the 2022 Annual Meeting. The proposal highlighted some fundamental principles, such as: that the adoption of a simple rollover of the current Recommendation on tropical tuna management measures is not an option and therefore they will not support that solution, and a constructive process towards

consensus is expected; that the increase in the TAC is consistent with the data provided by the SCRS and should therefore be decided on this basis, this increase being used primarily to meet the needs of developing States with catches of less than 3,500 t; that the need for the distribution of fishing possibilities result from the non-discriminatory process and that the corresponding control measures be decided for a period of no less than 4 years but reviewable on an annual basis. This proposal supports an increase in the bigeye tuna TAC to 73,000 t, with allocation of 95% of the TAC, 5% being set aside. The proposal contemplates a gradual readjustment of the limits of CPCs with catches above 3,500 t to allow for balance by increasing the fishing possibilities of CPCs with current catch possibilities of less than 3,500 t, while CPCs with catches of less than 1,000 t should not be subject to limits, provided that they do not exceed that threshold. Furthermore, a reduction in the closure period to 60 days is considered, distributed between one fixed period of 30 days and the other at the choice of each CPC for the same period of time. Other details are contained in the document. Although most delegations considered it appropriate to continue discussing the Chair's document, some CPCs (these should be indicated) supported the possibility of combining the proposals of Japan and South Africa. The "Proposal to amend the preamble and Parts I, II and III of the Recommendation 21-01 by ICCAT replacing Recommendation 19-02 replacing Recommendation 16-01 on a multi-annual conservation and management programme for tropical tunas" (PA1_23_SPONS_4/i2022) submitted by The Ministerial Conference on Fisheries Cooperation among African States bordering the Atlantic Ocean (ATLAFCO) was again briefly presented. Canada presented a joint document by Canada, the United Kingdom, and the United States outlining a small harvester concept. A group of CPCs participated in an informal session held during a recess agreed for this purpose by the Panel (see the section "Other matters") to analyse convergence formulas. After the meeting, Panel 1 was informed that during the exchange, it was confirmed willingness to make progress in determining the conditions for consensus to enable adoption of a management measure for tropical tunas effective from January 2024, taking into account the adoption of the TAC, the distribution of fishing possibilities, FAD closure and the relevant control measures. However, it was concluded that there was a need for deliberations to take place through an intersessional correspondence process, since a consensus was not reached in the formal deliberations and informal consultations during the meeting.

9. Review of potential capacity limits in light of the allocation key

The "Draft Recommendation by ICCAT replacing Recommendation 21-01 on a multi-annual conservation and management programme for tropical tunas" (PA1_505A/2022), which was submitted by the Chair of Panel 1 at the 2022 Annual Meeting, was presented as a working document during the meeting to further deliberate on issues pertaining to overcapacity in the fishery which has been noted to be a pressing problem that threatens marine fisheries. The unsustainability of the fishery from the SCRS plenary reports in recent times has been primarily due to overfishing, increase of fishing capacity in terms of gross register tonnage (GRT). However, these increases in capacity and excessive effort on the fishery do not commensurate with fishing opportunities of coastal developing coastal countries who wish to also develop their catching potential and adapt to changing technology whilst adhering to strict management regimes. Catch limits as discussed should be reviewed and amended based on new information from stock assessment of the species. These reviews are to ensure that the probability of stocks should remain in the green zone of the Kobe plot. In harnessing the potential for fishing nations to sustain the industry, catch limits and quotas recommended do not constitute the long-term rights and are without prejudice to any future process of allocation. In any year or period, the Commission has the right to adjust the total catch /quota allocated based on robust information from the SCRS. Key to any potential capacity limits is to ensure that CPCs submit a fishing / capacity plan to the Secretariat to be monitored with the aim of certifying that compliance is met as per the ICCAT regulations. CPCs agreed that capacity limits would be an important consideration in an updated management measure. Some CPCs emphasised that CPCs should only be allowed to increase their number of catching vessels in a way commensurate with possible increases of their catch limits. A few CPCs noted the need for flexibility for developing CPCs and small harvesters.

It was noted that a capacity study has not yet been carried out in the Convention area and that this is a constraint in determining capacity limits based on any allocation key. However, there was no discussion on possible capacity limits in the absence of specific SCRS recommendations.

Some CPCs were concerned about the impact of FAD fishing on the high numbers of juvenile fish captured and also non-target species within the ecosystem. Efforts to improve more data collection and analysis on FADS and the use of bio-degradable materials were encouraged to mitigate the supposed negative effect of the large numbers of FADs used in the Convention area. One CPC stressed the need to revisit the relevant provisions in the current management measure to consider possible improvements. It was noted that, within the process to contain the increase in bigeye catches, the management measures that have been adopted to date are encouraging, as catches have remained below the reference TAC. However, the need to further evaluate the impacts of the current management measures was emphasised.

It was suggested that the current provisions on support vessels should remain in force so as not to increase the efficiency of fishing operations carried out by purse seiners that they assist.

10. Review of provisions related to the carry forward of underharvest and payback of overharvests

On the issues of transfers, the majority supported the view that, if allowed, these should be authorised by the Commission but that the issue need to be considered in the context of a comprehensive measure. There were disagreements as to who can transfer from the various categorisation/ groups (i.e. non-transfer between developing countries). Though the discussions were very informative, there was the need to improve upon the various proposals and produce one composite document to share among members. See sections 9-14 of the "Draft Recommendation by ICCAT replacing Recommendation 21-01 on a multi-annual conservation and management programme for tropical tunas" (PA1_505A/2022), submitted by the Chair of Panel 1. Several CPCs stressed that transfers should be avoided, allowing unused catch limits in a given year to be considered as a contribution to conservation and therefore not adding to fishing possibilities for future years. It was also noted that existing management measures contain rules for payback of catches, compliance with which must be reviewed by the Compliance Committee within the framework of its competencies.

As referred in item 4, Senegal referred for review to Panel 1 its case of overharvest. The members agreed, without passing judgement on the case under review, that adjustments could be made to the current measure and that the interested party could submit further clarifications be submitted to the Compliance Committee for any redress.

11. Consideration of TAC and allocation for yellowfin tuna

The SCRS Chair reviewed the current status of yellowfin tuna. The most recent stock assessment for yellowfin (*Thunnus albacares*) was conducted in 2019. Catches have decreased from 156,692 t in 2020 to 110,602 t in 2021. Purse seine vessels are known primarily to target the tropical tunas in the eastern Atlantic region. Although catches are above the TAC from 2014 to 2020, the stock is considered not to be overfished, and no overfishing is occurring. A TAC of 120,000 t is expected to maintain a healthy stock status through 2033 with at least 63% probability. The SCRS cautions that an increase in small yellowfin and bigeye tuna harvests could have negative consequences on both long-term sustainable yield and stock status. If the Commission wishes to increase long-term sustainable yield, effective measures to reduce fishing mortality on small yellowfin and bigeye tuna should be found. The Panel had no questions or comments on this issue.

12. Review other measures relevant to the conservation and management of tropical tuna

The maximum number of FADs per vessel was generally agreed upon to be 300 per vessel. However, on the moratorium period (FAD closure), different opinions emerged as to the continuity of the 72 day period from January-March each year and as to a new proposal to allow CPC vessels of flag countries in ICCAT (60 day closure). Some CPCs suggested a three-month closure, to include two consecutive months at the beginning of the year (January-February) and another period of 1 month later in the year.

Panel 1 expressed its conviction that all data required under the existing recommendations should be provided and encouraged due compliance by Parties, in accordance with the indications contained in section 6 herein.

Many CPCs reiterated their positions on the TAC and FAD closure period. Several CPCs stated that any adopted measure would need to consider the needs of developing countries, as the status quo only benefits developed countries, and highlighted the need for scientific advice on the FADs closure issue.

On the need to come up with additional measures to sustain the fishery, CPCs were of the view that such measures already existed and that it could be analysed whether further measures were needed. The reconstitution of the Regional Observer Programme was briefly discussed, but no agreement reach, nor on having a FAD register, as proposed by one CPC. These measures should strictly aim at protecting juvenile mortality especially on FADs.

No consensus was achieved on the TAC or the allocation key but very constructive deliberations were made in that members opted to accept a roadmap to discuss further their intentions to consolidate gains made in the spirit of equity. A solid structure to integrate all issues with key options acceptable by all would guarantee fairness in the midst of harnessing efforts to conserve the stocks.

13. Other matters

An informal session was held during the course of the meeting period where CPCs interacted bilaterally or multilaterally to seek to identify points of convergence between their proposals to merge and harmonise them with a view to developing a unified proposal that considers all relevant issues.

No consensus was achieved on the TAC and allocation key but very constructive deliberations were made in that members opted to accept a roadmap to discuss further their intentions to consolidate gains made in the spirit of equity. A solid structure to integrate all issues with key options acceptable by all would guarantee fairness in the midst of harnessing efforts to conserve the stocks. Members of Panel 1 agreed in principle to a "Roadmap for the forthcoming Third Intersessional Meeting of Panel 1" to be put in place to consolidate efforts made so far within the previous intersessional meetings.

Roadmap for the forthcoming Third Intersessional Meeting of Panel 1

In order to proceed with the discussions, it was agreed to put in place a Roadmap to organize the intersessional work until the Third Intersessional Meeting of Panel 1 (20-22 June 2023, hybrid, Madrid, Spain).

Event	Correspondence round	Deadlines
Comments/edits and/or new proposals	1st round	14 April 2023 for the submission of comments/edits and or proposals 24 April 2023 for the Secretariat to circulate the new versions of the proposals/documents
	2nd round	19 May 2023 for the submission of comments/edits and or proposals 29 May 2023 for the Secretariat to circulate the new versions of the proposals/documents
Submission of proposals for the 3rd Intersessional Meeting of Panel 1		9 June 2023
Meeting	Venue	Tentative dates
3rd Intersessional Meeting of Panel 1 (hybrid format)	Hotel The One Chamartín (Madrid, Spain)	20-22 June 2023

Japan introduced its proposal "Harvest Control Rule (HCR) for bigeye". Japan explained that since the SCRS report said that the projection probabilities of K2SM for bigeye should be interpreted with caution, PGK 70% was set, which is higher than the ICCAT standard. After taking into account comments on the floor, Japan revised the proposal.

Some delegations stressed that the proposed HCR does not contain all the elements of the tool, because it only describes a TAC adjustment mechanism linked to the K2SM figures. Several delegations welcomed the idea, however, there was no agreement on the adjustment figure relating to the "probability of the stock being in the green zone in 2034". Some CPCs expressed the view that a 60% probability is sufficiently precautionary and that 70% would be exceptionally high compared to the percentages used for other ICCAT stocks. However, it was noted that such a formula could pose difficulties when the adjustment implies a reduction in the TAC and, in turn, a reduction in fishing possibilities, which needs to be discussed and agreed together.

14. Adoption of report / adjournment

The meeting was adjourned by the Chair of Panel 1. It was agreed that the report would be adopted by correspondence.

Agenda

- 1. Opening of the meeting
- 2. Appointment of rapporteur and meeting arrangements
- 3. Adoption of the Agenda
- 4. Review of fishing, capacity and FAD management plans submitted by CPCs, including statements for development of fisheries
- 5. Approaches to allocate the bigeye tuna Total Allowable Catch (TAC) (with particular attention to the interests of developing coastal States)
- 6. Available FAD data and FAD management issues
- 7. Review of the Compliance Table (PA1_31/i2023)
- 8. Allocation key for distribution of bigeye tuna TAC
- 9. Review of potential capacity limits in light of the allocation key
- 10. Review of provisions related to the carryforward of underharvest and payback of overharvests
- 11. Consideration of TAC and allocation for yellowfin tuna
- 12. Review other measures relevant to the conservation and management of tropical tuna
- 13. Other matters
 - 13.1 Tropical tunas MSE
- 14. Adoption of report / adjournment

List of participants *1

CONTRACTING PARTIES

BELIZE

Lanza, Valarie *

Director of High Seas Fisheries, Belize High Seas Fisheries Unit, Ministry of Finance, Government of Belize, Keystone Building, Suite 501, 304, Newtown Barracks, Belize City

Tel: +501 223 4918, Fax: +501 223 5087, E-Mail: valerie.lanza@bhsfu.gov.bz; director@bhsfu.gov.bz

Robinson, Robert

Deputy Director for High Seas Fisheries, Belize High Seas Fisheries Unit, Ministry of Finance, Government of Belize, Keystone Building, Suite 501, 304 Newtown Barracks, Belize City

Tel: +501 223 4918, Fax: +501 223 5087, E-Mail: deputydirector@bhsfu.gov.bz; robert.robinson@bhsfu.gov.bz

BRAZIL

Lucena Frédou, Flávia *

 $National\ Registry,\ Monitoring\ and\ Research\ Secretary,\ 70070-020\ Brasília\ DF$

Tel: +55 61 3276 4439, E-Mail: flavia.fredou@agro.gov.br

Araujo Cruz, Rivetla Edipo

Setor de Autarquia Sul, 2, 70297-400 Brasilia, DF

Tel: +55 91 983 452 919, E-Mail: rivetla.cruz@agro.gov.br; araujo.edipo@gmail.com

Cardoso, Luis Gustavo

 $Federal\ University\ of\ Rio\ Grande\ -\ FURG,\ Italy\ Av.\ Carreiros\ Campus,\ 96203-900\ Rio\ Grande\ -\ RS$

Tel: +55 53 999010168, E-Mail: cardosolg15@gmail.com

Cardoso de Melo, Catarina

Fisheries Management Coordinator, Fisheries and Aquaculture Secretary - Ministry of Agriculture, Livestock and Supply, Setor de Autarquias Sul Q. 2 - Brasília, DF, 70297-400, Edifício Siderbrás, 1º andar

Tel: +55 61 327 64637, E-Mail: catarina.melo@agro.gov.br

Corrêa Guimarães Barbosa, Idara Nogueira

Abogada, Confederação Nacional dos Pescadores e Aquicultores - CNPA, 70350701 Brasília DF

Tel: +55 67 999 227 007, E-Mail: idaranogueira@gmail.com

De Oliveira, Sabrina

Coletivo Nacional da Pesca e Aquicultura SRTVS, Qd. 701 Edifício Novo Centro Multiempresarial, bloco 0, n^{o} 110 Salas 186/187, 70.804-032 Brasília/DF

Tel: +55 47 999 085 373, E-Mail: ass.tech@conepe.org.br

Hazin, Rodrigo Fauze

SINDIPESCA, Zona Cívico Administrativa, Rua Chile, 216, Ribeira, Rio Grande do Norte, Natal

Tel: +55 84 98756 8073, E-Mail: diretoria.rodrigo@nortepesca.com.br

Mallmann Specht, Luana

SINDIPI-Sindicato dos Armadores e das Indústrias da Pesca de Itajaí e Região, Rua Lauro Muller, 386 - Centro - Itajaí - Santa Catarina, 88301-400 Itajaí Santa Catarina

Tel: +55 479 966 31427, E-Mail: c.t@sindipi.com.br

Martins Dias, Rafael

Chief of International Advisory, Ministry of Fisheries and Aquaculture, International Advisory, Esplanada dos Ministérios, Bloco D, 4º Andar - Bairro Zona Cívico-Administrativo, 70043-900

 $Tel: +55\ 61\ 3276\ 4611, E-Mail: rafael.mdias@agro.gov.br; internacional.sap@agro.gov.br$

Netto, Expedito

Industrial Fisheries Secretary

Tel: +55 61 999 78 7745, E-Mail: expedito.netto@agro.gov.br

^{*} Head Delegate

¹ Some delegate contact details have not been included following their request for data protection.

Oliveira. André Luiz

International Negotiations Coordinator, Ministry of Fisheries and Aquaculture, International Advisory, Edifício Siderbrás - Setor de Autarquias Sul Q. 2, 702974-00 Brasilia DF

Tel: +55 61 3218 3428; +55 61 3276 4611, E-Mail: andre.oliveira@agro.gov.br

Olynto de Arruda Villaça, Carlos Eduardo

Director, Coletivo Nacional da Pesca e Aquicultura, SRTVS Quadra 701, Bloco O, NR 110, salas 186/187 Ed. Novo Centro Multiempresarial, 70340905

Tel: +55 61 3323 5831, E-Mail: presidencia@conepe.org.br; caduvillaca1964@gmail.com; conepe@conepe.org.br

Pierin Piccolo, Natali Isabela

Coletivo Nacional da Pesca e Aquicultura SRTVS, Qd. 701 Edifício Novo Centro Multiempresarial, bloco 0, n^{o} 110 Salas 186/187, 70.340-905 Brasilia, DF

Tel: +55 21 979 484 591, E-Mail: emanaia.consultoria@gmail.com

Pontes Matos, Vitor Luis

Chief of Division, Fisheries and Aquaculture Secretary, Ministry of Agriculture, Livestock and Supply, Endereço Edifício Siderbrás - Secretaria da Aquicultura e Pesca do MAPA Reitoria IFB Asa Sul, A empresa está localizada no bairro DF - Asa Sul e no endereço Setor de Autarquias Sul Q. 2, 70297400 Brasilia

Tel: +55 619 815 80931, E-Mail: vitor.matos@agro.gov.br

Ribeiro Borcem, Elielma

Ministério da Agricultura, Pecuária e Abastecimento, Departamento de Planejamento e Ordenamento da Pesca, Setor de Autarquias Sul, Quadra 2, 71699-785 Brasilia

Tel: +55 61 9830 62548, E-Mail: elielma.borcem@agro.gov.br

Sant'Ana, Rodrigo

Researcher, Laboratório de Estudos Marinhos Aplicados - LEMA Ecola do Mar, Ciência e Tecnologia - EMCT, Universidade do Vale do Itajaí - UNIVALI, Rua Uruquai, 458 - Bloco E2, Sala 108 - Centro, Itajaí, CEP 88302-901 Santa Catarina Itajaí

Tel: +55 (47) 99627 1868, E-Mail: rsantana@univali.br

Santos Lobato Martins, Mariana

Technical Advisor, Ministry of Fisheries and Aquaculture, Industrial Fisheries Secretariat, Edifício Siderbrás - Setor de Autarquias Sul Q. 2, 70660655 Brasília

Tel: +55 61 3276 4238; +55 61 930 347 676, E-Mail: mariana.martins@agro.gov.br

Sêga, Luana

Oceanographer, CONEPE, SRTVS Quadra 701, Bloco O, NR 110, Salas 186/187 Ed. Novo Centro Multiempresarial, 700070-906 Brasilia DF

Tel: +554 799 966 3536, E-Mail: sega.pesca@gmail.com; ass.tech@conepe.org.br

Torres Figueiró, Leonardo

Abogado, Confederação Nacional dos Pescadores e Aquicultores - CNPA, Shigs 705 bl a casa 03, 70350701 Brasília DF Tel: +55 679 963 77088, E-Mail: leonardo@torresfigueiro.com.br; cnpa@cnpa.org.br

Travassos, Paulo Eurico

Professor, Universidade Federal Rural de Pernambuco - UFRPE, Laboratorio de Ecologia Marinha - LEMAR, Departamento de Pesca e Aquicultura - DEPAq, Avenida Dom Manuel de Medeiros s/n - Dois Irmãos, CEP 52171-900 Recife, Pernambuco

Tel: +55 81 998 344 271, E-Mail: pautrax@hotmail.com; paulo.travassos@ufrpe.br

Yoshikawa, Thoya

Ministry of Fisheries and Acquaculture, 72302-108 Brasília Tel: +55 989 845 51031, E-Mail: thoya.yoshikawa@agro.gov.br

CANADA

Waddell, Mark *

Director General, Fisheries and Oceans Canada, 200 Kent Street, Ottawa ON K1A0E6 Tel: +1 613 897 0162, E-Mail: mark.waddell@dfo-mpo.gc.ca

Cossette, Frédéric

200 Kent St., Ottawa, Ontario K1A 0E6

Tel: +1 343 541 6921, E-Mail: frederic.cossette@dfo-mpo.gc.ca

MacDonald. Carl

Senior Advisor, Fisheries and Oceans Canada, 1 Challenger Drive, PO Box 1006, Bedford Institute of Oceanography, Dartmouth, NS B2Y 4A2

Tel: +1 902 293 8257, E-Mail: carl.macdonald@dfo-mpo.gc.ca

Robinson, Jade

153 Willowdale Dr, Darthmouth, Nova Scotia B2V0A5 Tel: +1 902 579 1754, E-Mail: jade.robinson@apcfnc.ca

CHINA (P.R.)

Fang, Lianyong

Director assistant, China Overseas Fisheries Association, Room 1216, Jingchao Massion, Nongzhanguannan Road, Cahoyang District, 100126 Beijing

Tel: +86 10 65853488, Fax: +86 10 65850551, E-Mail: fanglianyong@cofa.net.cn

Liu, Xiaobing

Professor, China Overseas Fisheries Association, Shanghai Ocean University, Room 3-1101, Building Jia 9, No. 12, Zhongguancun Nandajie, 100081 Beijing

Tel: +86 135 013 59986, E-Mail: xiaobing.liu@hotmail.com; Xiaobing.Liuc@163.com

Zhang, Fan

Shanghai Ocean University, 999 Hucheng Huan Rd, 201306 Shanghai

Tel: +86 131 220 70231, E-Mail: f-zhang@shou.edu.cn

CÔTE D'IVOIRE

Fofana, Bina *

Directeur des Pêches Maritime et Lagunaire, Ministère des Ressources Animales et Halieutiques de la République de Côte d'Ivoire, 29 Rue des Pêcheurs, BP V19, Abidjan 01 Treichville

Tel: +225 07 655 102; +225 21 356 315, Fax: +225 21 356315, E-Mail: binafof3@gmail.com; binafof@yahoo.fr

Djou, Kouadio Julien

Statisticien de la Direction de l'Aquaculture et des Pêches, Chef de Service Etudes, Statistiques et Documentation, Direction de l'Aquaculture et des Pêches (DAP), Ministère des Ressources Animales et halieutiques (MIRAH), 27 Rue des pêcheurs, BP V19, Abidjan 01

Tel: +225 79 15 96 22, Fax: +225 21 25 67 27, E-Mail: djoujulien225@gmail.com; ko.djou@ressourcesanimales.gouv.ci

Hema, Catherine

Coordonnatrice Adjointe du Programme d'Appui à la Gestion Durable des Ressources Halieutiques

Tel: +225 0749 924 593, E-Mail: hemacathy4@gmail.com; hemacathy@yahoo.fr

Neneby, Galla Jean Thierry

Ingénieur Halieute, Chargé d'Études à la Direction des Pêches

Tel: +225 077 884 7357, E-Mail: maitre_thierry@yahoo.fr

CURACAO

Chong, Ramon *

Chairman of the International Fisheries Commission, Ministry of Economic Development of Curaçao, International Fisheries Commission, Directorate of Economic Affairs, Amidos Building, Pletterijweg 41, Willemstad

Tel: +5999 529 7290; +5999 462 1444, Fax: +5999 462 7590, E-Mail: ramon_chong@hotmail.com; ramon.chong@gobiernu.cw

Alonso Olano, Borja

Overseas Tuna Company N.V., Polígono Industrial Landabaso, s/n - Edificio Albacora, 48370 Bermeo Bizkaia, España Tel: $+34\,946\,187\,000$, Fax: $+34\,946\,186\,147$, E-Mail: borja.alonso@albacora.es

Mambi, Stephen A.

Policy Adviser/Secretary of the Fishery Commission, Ministry of Economic Development of Curaçao, Directorate of Economic Affairs, Amidos Building, 4th floor Pletterijweg 43 A, Willemstad

 $\label{temperature} Tel: +5999 \ 4621444 \ ext \ 173; \ +5999 \ 5606038, \ Fax: \ +5999 \ 462 \ 7590, \ E-Mail: \ stephenmambi@yahoo.com; \ stephen.mambi@gobiernu.cw$

Ramos, Ernesto

Fishery observer of Curaçao

E-Mail: ernesto.ramos@gobiernu.cw

Suarez. Carl Michael

Senior Operator of the Fishery Monitoring Centre, Ministry of Economic Development, Directorate of Economic Affairs, Amidos Building, Pletterijweg 43 A, Willemstad

Tel: +59 995 297 213, E-Mail: michael.suarez@gobiernu.cw

EGYPT

Badr, Fatma Elzahraa

Fish Production Specialist, Agreements Administration, Lakes and Fish Resources Protection and Development Agency, 210, area B - City, 5th District Road 90, 11311 New Cairo

Tel: +201 092 348 338, Fax: +202 228 117 008, E-Mail: fatima.elzahraa.medo@gmail.com

Saber Abdel Aal, Mahmoud

Researcher, Gear Technology, National Institute of Oceanography and Fisheries - NIOF, PO Box 182 Suez, 11865 New Cairo

Tel: +20 106 158 2353, E-Mail: mahmoudsaber99@yahoo.com; ma.saber@niof.sci.eg

EL SALVADOR

Galdámez de Arévalo. Ana Marlene

Jefa de División de Investigación Pesquera y Acuícola, Ministerio de Agricultura y Ganadería, Head Final 1a. Avenida Norte, 13 Calle Oriente y Av. Manuel Gallardo. Santa Tecla, La Libertad

Tel: +503 2210 1913; +503 619 84257, E-Mail: ana.galdamez@mag.gob.sv

Aceña Matarranz, Sara

CALVO, C/ Príncipe de Vergara 110, 4ª Planta, 28002 Madrid, España Tel: +34 686 061 921, E-Mail: sara.acena@ctmcorporation.com

Arranz Vázquez, Cristina

CALVO, C/ Príncipe de Vergara 110, 4ª Planta, 28002 Madrid, España

Tel: +34 682 589 986; +34 917 823 300, E-Mail: cristina.arranz@ctmcorporation.com

Ubis Lupión, Macarena

Calvopesca El Salvador, S.A., C/ Príncipe de Vergara 110, 4ª Planta, 28002 Madrid, España Tel: +34 617 068 486; +34 91 782 33 00, E-Mail: macarena.ubis@ctmcorporation.com

EUROPEAN UNION

Billiet, Stijn *

Head of EU delegation, DGMARE, Rue Joseph II 79, 1040 Brussels, Belgium

Tel: +32 229 57641, E-Mail: stijn.billiet@ec.europa.eu

Howard, Séamus

European Commission, DG MARE, Rue Joseph II 99, 1000 Brussels, Belgium Tel: +32 229 50083; +32 488 258 038, E-Mail: Seamus.HOWARD@ec.europa.eu

Jonusas, Stanislovas

Unit C3: Scientific Advice and Data Collection DG MARE - Fisheries Policy Atlantic, North Sea, Baltic and Outermost Regions European Commission, J-99 02/38 Rue Joseph II, 99, 1049 Brussels, Belgium

Tel: +3222 980 155, E-Mail: Stanislovas.Jonusas@ec.europa.eu

Khalil, Samira

European Commission, DG Maritime Affairs and Fisheries, Unit B-1 "International Affairs, Law of the Sea and RFOs", J II - 99 3/74, 1049 Brussels, Belgium

Tel: +32 2 298 03 39; +32 229 11111, E-Mail: samira.khalil@ec.europa.eu

Abreu Gouveia, Nuno Manuel

Director Serviços, SRAP - Direção Regional de Pescas, Direção Serviços de Inspeção e Controlo - DSIC, Praça da Autonomia nº 1, Edificio da Sociedade Metropolitana de Cámara de Lobos, 9300-138 Câmara de Lobos, Madeira, Portugal

Tel: +351 965 014 357, Fax: +351 291 229691, E-Mail: nuno.gouveia@madeira.gov.pt

Alzorriz, Nekane

ANABAC, Txibitxiaga 24 entreplanta, 48370 Bermeo, Bizkaia, España Tel: +34 94 688 2806; +34 650 567 541, E-Mail: nekane@anabac.org

Ansell. Neil

European Fisheries Control Agency, Avenida García Barbón 4, 36201 Vigo, España Tel: +34 986 120 658; +34 698 122 046, E-Mail: neil.ansell@efca.europa.eu

Bonaccorso, Ilenia

Secretaría General de Pesca, Calle de Velázquez 144, 28006 Madrid, España Tel: +34 913 476 242, E-Mail: bec_sgaorp03@mapa.es

Capela, Pedro

APASA - Associação de Produtores de Atum e Similares dos Açores, Cais de Santa Cruz - Edificio Lotaçor, 9900-172 Horta, Açores, Portugal

Tel: +351 913 842 342; +351 292 392 139, E-Mail: apasa-op@apasa.pt

Carré, Pierre-Alain

Compagnie française du thon océanique (CFTO), 11 Rue des sardiniers, 29900 Concarneau, Cedex, France Tel: +33 682 234 171, Fax: +33 298 60 52 59, E-Mail: pierrealain.carre@cfto.fr

Ferreira de Gouveia, Lidia

Técnica Superior, Biologist, Secretaria Regional de Mar e Pescas - Direção Regional do Mar, Lota do Funchal 1 piso - Rua Virgílio Teixeira, 9004-562 Funchal, Madeira, Portugal

Tel: +351 291 203200, Fax: +351 291 229856, E-Mail: lidia.gouveia@madeira.gov.pt

Gaertner, Daniel

Institut de Recherche pour le Développement (IRD) UMR MARBEC (IRD/Ifremer/CNRS/UMII), CRH, CS 30171, Av. Jean Monnet, 34203 Sète Cedex, France

Tel: +33 4 99 57 32 31, Fax: +33 4 99 57 32 95, E-Mail: daniel.gaertner@ird.fr

Gouion. Michel

ORTHONGEL, 5 Rue des Sardiniers, 29900 Concarneau, France

Tel: +33 2 9897 1957; +33 610 627 722, Fax: +33 2 9850 8032, E-Mail: mgoujon@orthongel.fr

Guerreiro, Alexandra de Carvalho dos Santos

Direcao Regional das Pescas, Rua Consul Dabney - Colonia Alema Apartado 9, 9900-014, Portugal Tel: +351 292 202 400; +351 962 518 077, Fax: +351 292 240 890, E-Mail: Alexandra.CS.Guerreiro@azores.gov.pt

Hamilton, Amanda

Trimarine, France

E-Mail: ahamilton@trimarinegroup.com

Herrera Armas, Miguel Ángel

Deputy Manager (Science), OPAGAC, C/ Ayala 54, 2º A, 28001 Madrid, España

Tel: +34 91 431 48 57; +34 664 234 886, Fax: +34 91 576 12 22, E-Mail: miguel.herrera@opagac.org

Le Couls, Sarah

Compagnie Francaise du Thon Océanique (CFTO), 11 bis rue des Sardiniers, 29900 Concarneau, France Tel: +0 607 662 143, E-Mail: sarah.lecouls@cfto.fr

Leduc, Xavier

Orthongel, 5, rue des sardiniers, 29900 Bretagne, France

Tel: +33 608 784 525, E-Mail: xleduc@orthongel.fr

Mathieu, Héloïse

Comité des Pêches Guadeloupe (CRPMEM-IG), 2 bis rue Schoelcher, 97110 Pointe-à-Pitre, Guadeloupe, France Tel: +33 590 909 787, E-Mail: mathieu.crpmem971@orange.fr

Maufroy, Alexandra

ORTHONGEL, 5 rue des Sardiniers, 29900 Concarneau, France

Tel: +33 649 711 587, Fax: +33 2 98 50 80 32, E-Mail: amaufroy@orthongel.fr

Muniategi Bilbao, Anertz

ANABAC-OPTUC, Txibitxiaga, 24 - Entreplanta Apartado 49, 48370 Bermeo - Bizkaia, España Tel: +34 94 688 28 06, Fax: +34 94 688 50 17, E-Mail: anertz@anabac.org; anabac@anabac.org

Nogueira, Fabiana Miranda

CCRUP, Rua de São Paulo nº3, Praia da Vitória, 9760-540 Ilha Terceira, Azores, Portugal Tel: +351 963 370 013, E-Mail: fnogueira@ccrup.eu

Orozco, Lucie

Chargée de mission affaires thonières, Direction générale de affaires maritimes, de la pêche et de l'aquaculture (DGAMPA), Bureau des Affaires Européennes et Internationales (BAEI), 1 place Carpeaux, 92055 La Défense, Île de France. France

Tel: +33 140 819 531; +33 660 298 721, E-Mail: lucie.orozco@mer.gouv.fr

Pascual Alayón, Pedro José

Investigador, Ministerio de Ciencia, Innovación y Universidades, Instituto Español de Oceanografía, C.O. de Canarias, Vía Espaldón, Dársena Pesquera, Parcela 8, 38180 Santa Cruz de Tenerife, Islas Canarias, España Tel: +34 922 549 400; +34 686 219 114, Fax: +34 922 549 500, E-Mail: pedro.pascual@ieo.csic.es

Rodrigues, Raquel

Federação das Pescas dos Açores, Praia da Vitória, 9760-541 Ilha Terceira, Azores, Portugal Tel: +351 969 350 946, E-Mail: rrodrigues@federacaopescasacores.pt

Santiago Burrutxaga, Josu

Head of Tuna Research Area, AZTI-Tecnalia, Txatxarramendi z/g, 48395 Sukarrieta (Bizkaia) País Vasco, España Tel: +34 94 6574000 (Ext. 497); +34 664 303 631, Fax: +34 94 6572555, E-Mail: jsantiago@azti.es; flarrauri@azti.es

Silveira, Carolina

Rua de Sao Paulo, 3, 9760-540 Praia da Vitoria, Azores, Portugal

Tel: +351 295 543 099, E-Mail: csilveira@ccrup.eu

Teixeira, Isabel

Chefe de Divisão de Recursos Externos da Direção-Geral de Recursos Naturais, Segurança e Serviços Marítimos, DGRM, Avenida Brasilia, 1449-030 Lisbon, Portugal

 $Tel: +351\ 919\ 499\ 229, E-Mail: iteixeira@dgrm.mm.gov.pt$

Trigo, Patricia

DGRM, Avenida Brasilia ES8, 1449-030 Lisbon, Portugal

Tel: +351 969 455 882; +351 213 035 732, E-Mail: pandrada@dgrm.mm.gov.pt

Yagüe Sabido, Ismael

C/ Velázquez 144, 28006 Madrid, España

Tel: +34 913 476 178; +34 606 873 653, E-Mail: iyague@mapa.es

Zulueta Casina, Jon

Director Gerente, ATUNSA, P.I. LANDABASO, 48370 Bermeo Bizkaia, España Tel: +34 94 618 62 00, Fax: +34 94 618 61 28, E-Mail: jon@atunsa.com

FRANCE (ST PIERRE & MIQUELON)

Haziza, Juliette *

Chargée de mission des négociations thonières, Secrétariat d'Etat à la mer - Direction Générale des Affaires Maritimes, de la Pêche et de l'Aquaculture (DGAMPA), Tour Sequoia, 1 place Carpeaux, 92055 La Défense

Tel: +33 659 542 827, E-Mail: juliette.haziza@developpement-durable.gouv.fr; juliette.haziza@agriculture.gouv.fr

GABON

Angueko, Davy

Chargé d'Études du Directeur Général des Pêches, Direction Générale des Pêche et de l'Aquaculture, BP 9498, Libreville Estuaire

Tel: +241 6653 4886, E-Mail: davyangueko83@gmail.com; davyangueko@yahoo.fr

GHANA

Antwi-Boadu, Fred Kwesi *

Executive Director, Fisheries Commission Ghana, Ministry of Fisheries and Aquaculture Development, P. O. Box GP 630 Accra

Tel: +233 302 675 155, E-Mail: fred.antwi-boadu@fishcom.gov.gh

Aihoon. Frank Kwesi

Vice President Managing Director Ghana Tuna Association, Panofi Company Limited, 2nd Floor Park View Plaza, P. O. Box TT 581, Tema, Accra

Tel: +233 277 474 801, Fax: +233 303 206 101, E-Mail: faihoon@gmail.com

Avivi, Sylvia Sefakor Awo

Senior Manager, Ministry of Fisheries and Aquaculture Development, Fisheries Scientific Survey Division, P.O. Box BT 62. Tema

 $\label{temperature} Tel: + 233 \ 2441 \ 76300, \ Fax: +233 \ 3032 \ 008048, \ E-Mail: asmasus@yahoo.com; \ sefasmus@hotmail.com; \\ Sylvia. Ayivi@fishcom.gov.gh$

Bannerman, Paul

Deputy Executive Director, Ministry of Fisheries and Aquaculture Development, Marine Fisheries Research Division, P.O. Box GP 630, GA 231 Tema

Tel: +233 244 794 859, E-Mail: paul.bannerman@fishcom.gov.gh; paulbann@hotmail.com

Kwame Dovlo, Emmanuel

Ag. Deputy Director, Fisheries Scientific Survey Division, P.O. Box GP 630, Accra Tema Tel: +233 243 368 091, E-Mail: emmanuel.dovlo@fishcom.gov.gh

Quaatey, Samuel Nii K.

Technical Advisor, Ministry of Fisheries & Aquaculture Development, P.O. Box GP 630, Accra Tel: +233 543 077 358, E-Mail: samquaatey@yahoo.com

GUATEMALA

Lemus Godoy, Julio César *

Director de Pesca, Ministerio de Agricultura, Ganadería y Alimentación - MAGA, Viceministerio de Sanidad Agropecuaria y Regulaciones - VISAR, Dirección de Normatividad de la Pesca y Acuicultura, Kilómetro 22, Ruta al Pacífico, Edificio "La Ceiba", 01064 Bárcena, Villa Nueva

Tel: +502 2413 7000 ext 9302, E-Mail: juliolemusdipesca@gmail.com; dipescaguatemala@gmail.com

Chavarría Valverde, Bernal Alberto

Asesor en Gestión y Política pesquera Internacional, DIPESCA, Bárcena Tel: +506 882 24709, Fax: +506 2232 4651, E-Mail: bchavarria@lsg-cr.com

Cobas Escuris, Abraham 1

Atunera Sant Yago, S.A., 01064

Martínez Valladares, Carlos Eduardo

Encargado del Departamento de Pesca Marítima, Kilómetro 22, Ruta al Pacifico, Edificio la Ceiba 3er Nivel, 01064 Bárcena, Villa Nueva

Tel: +502 452 50059, E-Mail: carlosmartinez41331@gmail.com

Rodríguez Fominaya, Santiago José 1

01064

GUINEA (REP.)

Barry, Alhassane

Chef section statistiques, Direction Nationale des Pêches Maritimes, Kaporo Rail Conakry Tel: +224 623 244 634, E-Mail: alassb13@gmail.com

Kolié, Lansana

Chef de Division Aménagement, Ministère de la Pêche et de l'Économie Maritime, 234, Avenue KA 042 - Commune de Kaloum BP: 307, Conakry

Tel: +224 624 901 068, E-Mail: klansana74@gmail.com

Toure, Aboubacar Aminata

234, Avenue KA 042 - C/Kaloum, BP: 307, Conakry

Tel: +224 622 398 156, E-Mail: boubahtoure@gmail.com

HONDURAS

Varela Lovo, Yareli Yamali

Asistente Director, Dirección General de Pesca y Acuicultura (DIGEPESCA), Secretaría de Agricultura y Ganadería, Blvd Centroamérica, Ave. FAO, Col. Loma Linda, Apt. Postal 309 Tegucigalpa

Tel: +504 894 33492, E-Mail: yareli.varela@sag.gob.hn

JAPAN

Ota, Shingo *

Special Advisor to the Minister of Agriculture, Forestry and Fisheries, 1-2-1 Kasumigaseki, Chiyoda-Ku, Tokyo 100-8907 Tel: +81 3 3502 8460, Fax: +81 3 3504 2649, E-Mail: shingo_ota810@maff.go.jp

Daito. Iun

Manager, Japan Tuna Fisheries Co-operative Association, 31-1, Eitai 2-Chome, Koto-ku, Tokyo 135-0034 Tel: +81 356 462 382, Fax: +81 356 462 652, E-Mail: daito@japantuna.or.jp

Fukui, Shingo

Director, International Fisheries Coordination, International Affairs Division, Fisheries Agency, 1-2-1 Kasumigaseki, Chiyoda-Ku, Tokyo 100-8907

Tel: +81 3 3502 8460, Fax: +81 3 3504 2649, E-Mail: shingo_fukui970@maff.go.jp

Katsuyama, Kiyoshi

Adviser, 9F Sankaido Bldg. 9-13, Akasaka 1-Chome Minato-ku, Tokyo 107-0052

Tel: +81 335 686 388, Fax: +81 335 686 389, E-Mail: katsuyama@japantuna.or.jp; gyojyo@japantuna.or.jp

Kumamoto, Jumpei

Technical Official, International Affairs Division, Fisheries Agency of Japan, 1-2-1 Kasumigaseki, Chiyoda-Ku, Tokyo 100-8907

Tel: +81 3 3502 8460, Fax: +81 3 3504 2649, E-Mail: Jumpei_kumamoto270@maff.go.jp

Miura, Nozomu

Assistant Director, International Division, Japan Tuna Fisheries Co-operative Association, 2-31-1 Eitai Koto-ku, Tokyo 135-0034

Tel: +81 3 5646 2382, Fax: +81 3 5646 2652, E-Mail: miura@japantuna.or.jp; gyojyo@japantuna.or.jp

Morita, Hirovuki

Assistant Director, International Affairs Division, Fisheries Agency of Japan, 1-2-1 Kasumigaseki, Chiyoda-Ku, Tokyo 100-8907

Tel: +81 3 3502 8460, Fax: +81 3 3504 2649, E-Mail: hiroyuki_morita970@maff.go.jp

Uozumi, Yuji

Advisor, Japan Tuna Fisheries Co-operation Association, Japan Fisheries Research and Education Agency, Tokyo Koutou ku Eitai 135-0034

Yoshida, Hiroyuki

Deputy Director, Japan Tuna Fisheries Co-operative Association, 2-31-1 Eitai Koto-Ku, Tokyo

Tel: +81 3 5646 2382, Fax: +81 5646 2652, E-Mail: yoshida@japantuna.or.jp

KOREA (REP.)

Shim, Soobin *

Deputy Director, Ministry of Oceans and Fisheries, International Cooperation Division, Government Complex Bldg. 5, Dasom 2-ro, 30110 Sejong

Tel: +82 44 200 5333, Fax: +82 44 200 5349, E-Mail: sbin8shim@korea.kr

Baek, Sangjin

Assitant Manager, Korea Overseas Fisheries Association, 6th fl. Samho Center Bldg. "A" 83, Nonhyeon-ro, 06775 Seoul Seocho-gu

Tel: +82 258 91614, Fax: +82 258 91630, E-Mail: sjbaek@kosfa.org

Won, Tae-hoon

Policy Officer & Multilateral Fisheries Negotiator, Ministry of Oceans and Fisheries, International Cooperation Division, Government Complex Building 5, #94, Dasom 2-ro, Sejong, 30110

Tel: +82 44 200 5334, Fax: +82 44 200 5349, E-Mail: th1608@korea.kr

Yang, Jae-geol

Policy Analyst, Korea Overseas Fisheries Cooperation Center, 6th FL, S Building, 253, Hannuri-daero, 30127 Sejong Tel: +82 44 868 7364, Fax: +82 44 868 7840, E-Mail: jg718@kofci.org

MEXICO

Soler Benítez, Bertha Alicia

Comisión Nacional de Acuacultura y Pesca (CONAPESCA), Av. Camarón Sábalo 1210 Fracc. Sábalo Country Club., 82100 Mazatlán, Sinaloa

Tel: +52 669 915 6900 Ext. 58462, E-Mail: bertha.soler@conapesca.gob.mx; berthaa.soler@gmail.com

MOROCCO

Hassouni. Fatima Zohra

Chef de la Division de Durabilité et d'Aménagement des Ressources Halieutiques, Département de la Pêche Maritime, Nouveau Quartier Administratif, B.P.: 476, 10150 Haut Agdal Rabat

Tel: +212 537 688 122/21, Fax: +212 537 688 089, E-Mail: hassouni@mpm.gov.ma

Bensbai, Jilali

Chercheur, Institut National de Recherche Halieutique à Casablanca - INRH/Laboratoires Centraux, Ain Diab près du Club équestre OULAD JMEL, Rue Sidi Abderrhman / Ain Diab, 20100 Casablanca

Tel: +212 661 59 8386, Fax: +212 522 397 388, E-Mail: bensbaijilali@gmail.com

Haoujar, Bouchra

Cadre à la Division de Durabilité et d'Aménagement des Ressources Halieutiques, Département de la Pêche Maritime, Nouveau Quartier Administratif, BP 476, 10150 Haut Agdal, Rabat

Tel: +212 253 768 8115, Fax: +212 537 688 089, E-Mail: haoujar@mpm.gov.ma

NICARAGUA

Barnuty Navarro, Renaldy Antonio

Hidrobiólogo, Director - Dirección de Investigaciones Pesqueras - Instituto Nicaragüense de la Pesca y Acuicultura (INPESCA), Km 3.5 carretera Norte, Contiguo al edificio de la Big Cola, Managua

Tel: +505 22 4424 01 Ext. 140; +505 842 04110, E-Mail: rbarnutti@inpesca.gob.ni

Chacón Rivas, Roberto Danilo

Asesor Legal, Instituto Nicaraguense de la Pesca y Acuicultura (INPESCA), Reparto Villa Fontana, de semáforos de Club Terraza, 4 c. Oeste, 1 c. al Sur, 14174 Managua

Tel: +505 836 58644; +505 875 88114, Fax: +505 224 42460, E-Mail: rchacon@inpesca.gob.ni; rchaconr5@gmail.com

Guevara Quintana, Julio César

Comisionado CIAT - Biólogo, INPESCA, Reparto Villa Fontana, de semáforos de Club Terraza, 4 c. Oeste, 1 c. al Sur, 14174 Managua

Tel: +505 875 88114; +507 699 75100, E-Mail: juliocgq@hotmail.com; jguevara@inpesca.gob.ni

NIGERIA

Abubakar, Ibrahim *

Federal Ministry of Agriculture and Rural Development, Department of Fisheries & Aquaculture, FCDA Complex Area 11, Garki, 900247 Abuja

Tel: +234 803 617 9683, E-Mail: ibrahimgorafish@yahoo.com; ibrahimgorafish@gmail.com

Garba, Usman

Federal Ministry of Agriculture and Rural Development, Department of Fisheries and Aquaculture, 1 Wilmont Point Road, Off Ahmadu Bello Way, 101241 Victoria Island, Lagos

Tel: +234 802 086 3461; +234 706 819 6006, E-Mail: garbashafa@gmail.com

Williams, Akanbi Bankole

3 Wilmont Point Rd Barbeach, Victoria Island, 101241 Lagos

Tel: +234 802 344 1039, E-Mail: abwilliams2@yahoo.com

PANAMA

Torrijos Oro, Flor *

Administradora General de la ARAP, Ministerio de Desarrollo Agropecuario, Autoridad de los Recursos Acuáticos de Panamá, Edificio Riviera, Ave. Justo Arosemena, Calle 45 Bella Vista

Tel: +507 6671 1503; +507 511 60000 (ext. 205), E-Mail: ftorrijos@arap.gob.pa; administraciongeneral@arap.gob.pa

Díaz de Santamaría. María Patricia

Delegada representante de la Industria, FIPESCA - Fundación Internacional de Pesca, Zona de Libre Proceso de Corozal, Edificio 297, Corozal

Tel: +507 378 6640; +507 657 32047, E-Mail: mpdiaz@fipesca.com

Pino. Yesuri

Jefa encargada del Departamento de Evaluación de Recursos Acuáticos, Ministerio de Desarrollo Agropecuario, Autoridad de los Recursos Acuáticos de Panamá, Evaluación de los Recursos Acuáticos, Edificio Riviera, Ave. Justo Arosemena, Calle 45 Bella Vista, 05850

Tel: +507 511 6036, E-Mail: yesuri.pino@arap.gob.pa

Vergara, Yarkelia

Directora encargada de Cooperación y Asuntos pesqueros, Ministerio de Desarrollo Agropecuario, Autoridad de los Recursos Acuáticos de Panamá, Cooperación Técnica y Asuntos Pesqueros Internacional, Edificio Riviera, Ave. Justo Arosemena, Calle 45 Bella Vista, 0819-02398

Tel: +507 511 6008 (ext. 359), E-Mail: yvergara@arap.gob.pa; hsfs@arap.gob.pa

PHILIPPINES

Viron, Jennifer

Bureau of Fisheries and Aquatic Resources Central Office, Department of Agriculture, PCA Compound, Elliptical Road, Diliman, 1103 Quezon City Metro Manila

Tel: +639 294 296; +63 929 95 97; +63 929 80 74, E-Mail: jennyviron@bfar.da.gov.ph; jennyviron@gmail.com

Demo-os, Marlo

PFDA Fishport Complex, North Bay Boulevard North BFAR MCS Station and Fishing Tech Lab., 1411 Navotas NCR Tel: +63 918 964 0454, E-Mail: mbdemoos@gmail.com

Mabanglo, Maria Joy

BPI Compound Brgy. Vasra Quezon City, 1128 Quezon City Metro Manila

Tel: +63 917 846 8050, E-Mail: mj.mabanglo@gmail.com

Tabios, Benjamin F.S. Jr

Assistant Director for Administrative Services, Bureau of Fisheries & Aquatic Resources, 4th Floor New BFAR Building, Visayas Avenue, Baranagay Vasra Diliman, 1104 Quezon City Metro Manila

 $\label{temperature} Tel: +63 \quad 943 \quad 928 \quad 0034, \quad Fax: \quad +632 \quad 929 \quad 8390, \quad E-Mail: \quad btabios@bfar.da.gov.ph; \quad benjotabios@gmail.com; \\ tabios.bfar@yahoo.com.ph$

S. TOMÉ E PRÍNCIPE

Da Conceiçao, Ilair *

Director das Pescas, Ministério da Agricultura, Desenvolvimento Rural e Pescas, Bairro 3 de Fevereiro - PB 59, Sao Tomé Tel: +239 990 9315, Fax: +239 12 22 414, E-Mail: ilair1984@gmail.com

SENEGAL

Diouf, Ibrahima

Ingénieur des Pêches, Direction des Pêches Maritimes, Chef de la Division de la Pêche Industrielle, Diamniadio, Sphère ministérielle Ousmane Tanor DIENG, Immeuble D, 2e étage, BP 289 Dakar

Tel: +221 541 4764, Fax: +221 338 602 465, E-Mail: ivesdiouf@gmail.com

Faye, Adama

Directeur adjoint de la Direction de la Protection et de la Surveillance des Pêches, Direction, Protection et Surveillance des Pêches, Cité Fenêtre Mermoz, BP 3656 Dakar

Tel: +221 775 656 958, Fax: +221 338 602 465, E-Mail: adafaye2000@yahoo.fr

Gueye, Assane

Conseiller Technique auprès du Directeur, Direction de la Protection et de la Surveillance des Pêches (DPSP), Cité Fenêtres Mermoz – Dakar – Corniche Ouest, BP: 3656

Tel: +221 776 342 953; +221 338 602 465, E-Mail: assaneg@hotmail.fr

Kane Dème, Fatimata

Juriste, Direction des Pêches Maritimes / Ministère des Pêches et de l'Economie Maritime, Chef du Bureau Législation et Suivi des Accords, Diamniadio, Sphère ministérielle Ousmane Tanor DIENG, Immeuble D, 2e étage, BP 289 Dakar Tel: +221 77 524 7232, Fax: +221 33 849 9883, E-Mail: fakanano@gmail.com; kanmetou@yahoo.fr

Kwabena. Adams Blegnan

Chef d'équipe pêche, CAPSEN, Nouveau quai de pêche - Môle 10, BP: 782 Dakar, 10200

Tel: +221 783 732 541, E-Mail: kbadams@dongwon.com

Ndiaye, Ibrahima

Chef d'entreprise, GRAND BLEU, Amitié 2 villa 4055, BP 27102 DM Dakar

Tel: +221 774 501 352, E-Mail: spiderndiaye@yahoo.fr

Park, Seolmin

Nouveau Quai de Pêche - Môle 10, B.P: 782, Dakar

Tel: +221 773 828 539, E-Mail: psm@dongwon.com

Sèye, Mamadou

Ingénieur des Pêches, Chef de la Division Gestion et Aménagement des Pêcheries de la Direction des Pêches maritimes, Sphère ministérielle de Diamniadio Bâtiment D., 1, Rue Joris, Place du Tirailleur, 289 Dakar

Tel: +221 77 841 83 94, Fax: +221 821 47 58, E-Mail: mdseye@gmail.com; mdseye1@gmail.com; mdouseye@yahoo.fr

Sow, Fambaye Ngom

Chercheur Biologiste des Pêches, Centre de Recherches Océanographiques de Dakar Thiaroye, CRODT/ISRA, LNERV - Route du Front de Terre - BP 2241, Dakar

Tel: +221 3 0108 1104; +221 77 502 67 79, Fax: +221 33 832 8262, E-Mail: ngomfambaye2015@gmail.com; famngom@yahoo.com

SOUTH AFRICA

Qaviso Kenneth, Mketsu *

Deputy Director, Department of Forestry, Fisheries and the Environment, 3 Martin Hammerschlag Way, Private Bag X2, Foretrust Building, Foreshore, 8018 Cape Town

Tel: +27 21 402 3048, Fax: +27 21 402 3618, E-Mail: QMketsu@dffe.gov.za; qaiso.mketsu@gmail.com

McDonald, Alice

802 Clothiers Creek Rd, 2484 NSW, Clothiers Creek, Australia

Tel: +624 304 76034, E-Mail: alice@nrepeople.com.au

Pheeha, Saasa

Chief Director, Marine Resource Management (Acting), Department of Agriculture, Forestry and Fisheries, Foretrust Building, 9 Marting Hammerschalg Way, Foreshore 8000, Private Bag X2, Cape Town

Tel: +27 21 402 3563; +27 825 585 837, Fax: +27 21 402 3618, E-Mail: spheeha@dffe.gov.za

ST VINCENT AND GRENADINES

Connell, Shamal

Fisheries Officer, Fisheries Division, Ministry of Agriculture, Forestry, Fisheries, Rural Transformation, Industry and Labour, Government of St Vincent and the Grenadines, Lower Bay Street, VC0100 Kingstown St Vincent and The Grenadines

Tel: +1 784 456 2738, E-Mail: volcanicsoils@hotmail.com; fishdiv@gov.vc

UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND

Keedy, Jess *

Joint Head, International Fisheries, Marine & Fisheries, Department for Environment, Food and Rural Affairs (Defra), Marine & Fisheries Directorate, First Floor, Seacole Wing, 2 Marsham Street, London SW1P 3JR

Tel: +44 755 724 5171; +44 208 026 63350, E-Mail: jess.keedy@defra.gov.uk

Benjamin, Gerald Carl

Senior Fisheries Officer, Environment, Natural Resources and Planning Directorate, Government of St Helena, STHL 1ZZ Scotland Jamestown, St Helena

Tel: +290 24724, Fax: +290 24603, E-Mail: gerald.benjamin@sainthelena.gov.sh

Christopher, Abbi E

Asst Fisheries Officer, Department of Agriculture and Fisheries, Government of the Virgin Islands, Fisheries Management Division, Paraquita Bay, Tortola, VG1120, Virgin Islands

Tel: +284 468 6146, E-Mail: AeChristopher@gov.vg

Joseph, Thecla S.

Director, Fisheries and Marine Resource Management, Turks and Caicos, #176 South Dock Road, TKCA 1ZZ Providenciales, Turks & Caicos Islands

Tel: +1 649 342 4862, E-Mail: tsjoseph@gov.tc

Lockhart, Katty

Assistant Director Fisheries, Department of Fisheries and Marine Resources Management, Turks & Caicos Islands Tel: +1 649 331 4545, E-Mail: klockhart@gov.tc; kglockhart@hotmail.com

Owen, Marc

Team Lead, International Fisheries, Department for Environment, Food and Rural Affairs, Defra, First Floor, Seacole Wing, 2 Marsham Street, London SW1P 4DF

Tel: +44 755 732 5524, E-Mail: marc.owen@defra.gov.uk

Reeves, Stuart

Principal fisheries scientist & advisor, Centre for Environment, Fisheries and Aquaculture Science (Cefas), Pakefield Road. Lowestoft Suffolk NR33 0HT

Tel: +44 150 252 4251, E-Mail: stuart.reeves@cefas.gov.uk; stuart.reeves@cefas.co.uk

Sampson, Harry

Senior International Fisheries Policy Officer, Department for Environment, Food and Rural Affairs (Defra), Marine & Fisheries Directorate, Nobel House 17 Smith Square, London SW1P 3JR

Tel: +44 208 026 4403; +44 755 742 8543, E-Mail: harry.sampson@defra.gov.uk; trfmo@defra.gov.uk

Smith-Claxton, Tessa

Assistant Secretary, Department of Agriculture and Fisheries, Government of the Virgin Islands, Fisheries and Agriculture, Paraquita Bay, Tortola, VG1120 British Virgin Islands Tortola, Virgin Islands Tel: (284) 468-9713, E-Mail: tesmith@gov.vg

Townley, Luke

International Fisheries Policy Officer, Department for Environment, Food and Rural Affairs (Defra), Marine & Fisheries Directorate, Horizon House, Deanery Road, Bristol BS1 5AH

Tel: +44 782 782 4514, E-Mail: luke.townley@defra.gov.uk

Warren, Tammy M.

Senior Marine Resources Officer, Department of Environment and Natural Resources, Government of Bermuda, #3 Coney Island Road, St. George's, CR04, Bermuda

Tel: +1 441 705 2716, E-Mail: twarren@gov.bm

Wright, Serena

Fisheries Scientist, Centre for Environment, Fisheries and Aquaculture Science (Cefas), ICCAT Tagging Programme, St Helena, Pakefield Road, Lowestoft NR33 0NG

Tel: +44 1502 52 1338; +44 797 593 0487, E-Mail: serena.wright@cefas.co.uk

UNITED STATES

Kryc, Kelly *

U.S. Federal Government Commissioner to ICCAT and Deputy Assistant Secretary for International Fisheries, Office of the Under Secretary for Oceans and Atmosphere, National Oceanic and Atmospheric Administration (NOAA); Department of Commerce, 1401 Constitution Ave, Washington, DC 20230

Tel: +1 202 961 8932; +1 202 993 3494, E-Mail: kelly.kryc@noaa.gov

Blankenbeker, Kimberly

Foreign Affairs Specialist, Office of International Affairs, Trade, and Commerce (F/IATC), NOAA, National Marine Fisheries Service, 1315 East-West Highway, Silver Spring Maryland 20910

Tel: +1 301 427 8357, Fax: +1 301 713 1081, E-Mail: kimberly.blankenbeker@noaa.gov

Bogan, Raymond D.

Alternate U.S. Recreational Commissioner, Sinn, Fitzsimmons, Cantoli, Bogan, West and Steuerman, 501 Trenton Avenue, P.O. Box 1347, Point Pleasant Beach, Sea Girt New Jersey 08742

Tel: +1 732 892 1000; +1 732 233 6442, Fax: +1 732 892 1075, E-Mail: rbogan@lawyernjshore.com

Brothen, Tanya

Foreign Service Officer, Office of Marine Conservation (OES/OMC), U.S. Department of State, Rm 2758, 2201 C Street NW, Washington DC 20520-7878

Tel: +1 202 647 4000, E-Mail: brothentr@state.gov

Cass-Calay, Shannon

Director, Sustainable Fisheries Division, Southeast Fisheries Science Center, NOAA, National Marine Fisheries Service, 75 Virginia Beach Drive, Miami, Florida 33149

Tel: +1 305 361 4231, Fax: +1 305 361 4562, E-Mail: shannon.calay@noaa.gov

Delanev. Glenn Roger

Alternate U.S. Commercial Commissioner, 601 Pennsylvania Avenue NW Suite 900 South Building, Washington, D.C. 20004

Tel: +1 202 434 8220, Fax: +1 202 639 8817, E-Mail: grdelaney@aol.com

Garfield. Nina

NOAA, 1305 East-West Highway, SSMC4, Silver Spring, Maryland 20910

Tel: +1 240 485 8727, E-Mail: Nina.garfield@noaa.gov

Hakala Siri

NOAA, 1315 East-West Highway, Silver Spring, Maryland 20910

Tel: +1 240 856 7020, E-Mail: siri.hakala@noaa.gov

Hemilright, Francis Dewey

P.O. Box 667, Wanchese, North Carolina 27981

Tel: +1 252 473 0135, E-Mail: fvtarbaby@embarqmail.com

King, Melanie Diamond

Foreign Affairs Specialist, Office of International Affairs Trade, and Commerce (F/IATC), NOAA, National Marine Fisheries Service, 1315 East-West Highway, Silver Spring Maryland 20910

Tel: +1 301 427 3087, E-Mail: melanie.king@noaa.gov

Redd Ir, Larry

Fishery Management Specialist, NOAA - National Marine Fisheries Service, Highly Migratory Species Management Division, Office of Sustainable Fisheries, 1315 East-West Highway, Building SSMC3, Silver Spring, Maryland 20910 Tel: +1 301 427 8543, E-Mail: larry.redd@noaa.gov

Sullivan. Maura

NOAA Office of General Counsel, Fisheries and Protected Resources Section, 1315 East-West Highway SSMC3, Silver Spring, Maryland 20910

Tel: +1 240 205 2566, E-Mail: maura.sullivan@noaa.gov

Warner-Kramer, Deirdre

Deputy Director, Office of Marine Conservation (OES/OMC), U.S. Department of State, 2201 C Street, NW (Room 2758), Washington, D.C. 20520-7878

Tel: +1 202 647 2883, Fax: +1 202 736 7350, E-Mail: warner-kramerdm@fan.gov

Weber, Richard

South Jersey Marina, 1231 New Jersey 109, Cape May, New Jersey 08204

Tel: +1 609 884 2400; +1 609 780 7365, Fax: +1 609 884 0039, E-Mail: rweber@southjerseymarina.com

URUGUAY

Domingo, Andrés *

Dirección Nacional de Recursos Acuáticos - DINARA, Laboratorio de Recursos Pelágicos, Constituyente 1497, 11200 Montevideo

Tel: +5982 400 46 89, Fax: +5982 401 32 16, E-Mail: dimanchester@gmail.com

Forselledo, Rodrigo

Investigador, Dirección Nacional de Recursos Acuáticos - DINARA, Laboratorio de Recursos Pelágicos, Constituyente 1497, CP 11200 Montevideo

Tel: +598 2400 46 89, Fax: +598 2401 3216, E-Mail: rforselledo@gmail.com

VENEZUELA

Evaristo, Eucaris del Carmen

Ministerio del Poder Popular de Pesca y Acuicultura, Corresponsal del Atlántico, Parque Central, Torre Este, piso 17, Caracas

Tel: +58 416 883 3781, E-Mail: eucarisevaristo@gmail.com

Arocha, Freddy

Asesor Científico, Instituto Oceanográfico de Venezuela, Universidad de Oriente, A.P. 204, 6101 Cumaná Estado Sucre Tel: +58 424 823 1698; +58 412 692 8089, E-Mail: farochap@gmail.com

Narváez Ruiz. Mariela del Valle

Lab. 34, Edif. Instituto Oceanográfico de Venezuela, Universidad de Oriente, Departamento de Biología Pesquera, Av. Universidad, Cerro Colorado, DBP-31 Laboratory, 6101 Cumaná Estado Sucré

Tel: +58 412 085 1602, E-Mail: mnarvaezruiz@gmail.com

OBSERVERS FROM COOPERATING NON-CONTRACTING PARTIES, ENTITIES, FISHING ENTITIES

BOLIVIA

Cortez Franco, Limbert Ismael

Jefe de Unidad, Unidad Boliviana de Pesca Marítima (UBPM), Calle 20 de octubre 2502, esq. Pedro Salazar, La Paz Tel: +591 6 700 9787, Fax: +591 2 291 4069, E-Mail: limbert.cortez@protonmail.ch; limbert.cortez@mindef.gob.bo; licor779704@gmail.com

Alsina Lagos, Hugo Andrés

Asesor, Unidad Boliviana de Pesca Marítima (UBPM), Calle 20 de octubre 2502, esq. Pedro Salazar, La Paz Tel: +1 321 200 0069, Fax: +507 830 1708, E-Mail: hugo@alsina-et-al.org

CHINESE TAIPEI

Chou, Shih-Chin

Section Chief, Deep Sea Fisheries Division, Fisheries Agency, 8F, No. 100, Sec. 2, Heping W. Rd., Zhongzheng Dist., 10060 Tel: +886 2 2383 5915, Fax: +886 2 2332 7395, E-Mail: shihcin@ms1.fa.gov.tw; chou1967sc@gmail.com

Huang, An-Chiang

Coordinator, Fisheries Agency, 8F., No.100, Sec. 2, Heping W. Rd., Zhongzheng Dist., 10060 Tel: +886 2 238 35911, Fax: +886 2 233 27395, E-Mail: hac7222@gmail.com; anchiang@ms1.fa.gov.tw

Kao, Shih-Ming

Associate Professor, Graduate Institute of Marine Affairs, National Sun Yat-sen University, 70 Lien-Hai Road, 80424 Kaohsiung City

Tel: +886 7 525 2000 Ext. 5305, Fax: +886 7 525 6205, E-Mail: kaosm@mail.nsysu.edu.tw

Yang, Shan-Wen

Secretary, Overseas Fisheries Development Council, 3F., No. 14, Wenzhou Street, Da'an Dist., 10648 Tel: +886 2 2368 0889 #151, Fax: +886 2 2368 6418, E-Mail: shenwen@ofdc.org.tw

COSTA RICA

Álvarez Sánchez, Liliana

Funcionaria de la Oficina Regional del Caribe – Limón, Instituto Costarricense de Pesca y Acuicultura, 4444 Tel: +506 863 09387, Fax: +506 263 00600, E-Mail: lalvarez@incopesca.go.cr

Pacheco Chaves, Bernald

Instituto Costarricense de Pesca y Acuicultura, INCOPESCA, Departamento de Investigación, Cantón de Montes de Oro, Puntarenas, 333-5400

Tel: +506 899 22693, E-Mail: bpacheco@incopesca.go.cr

SURINAME (REP.)

Rampersad, Tania Tong Sang *

Senior Policy Officer - Fisheries Department, Ministry of Agriculture, Animal Husbandry and Fisheries, Cornelis Jongbawstraat # 50, Paramaribo, Republica de Suriname

Tel: +597 472 233, Fax: +597 424441, E-Mail: tareva@hotmail.com

OBSERVERS FROM INTERGOVERNMENTAL ORGANIZATIONS

CONFÉRENCE MINISTÉRIELLE SUR LA COOPÉRATION HALIEUTIQUE ENTRE LES ETATS AFRICAINS RIVERAINS DE L'OCÉAN ATLANTIQUE - COMHAFAT

Laamrich. Abdennaii

Advisor, COMHAFAT, 2, Rue Ben Darkoul, Ain Khalouia, Souissi, 10220 Rabat, Maroc

Tel: +212 530 77 42 21; +212 661 224 794, Fax: +212 537 681 810, E-Mail: laamrichmpm@gmail.com; laamrich@comhafat.org

OBSERVERS FROM NON-GOVERNMENTAL ORGANIZATIONS

ASSOCIAÇÃO DE CIENCIAS MARINHAS E COOPERAÇÃO - SCIAENA

Abril, Catarina

Incubadora de Empresas da Universidade do Algarve, Campus de Gambelas, Pavilhão B1, 8005-226 Faro, Portugal Tel: +351 912 488 359, E-Mail: cabril@sciaena.org

Blanc, Nicolas

Incubadora de Empresas da Universidade do Algarve, Campus de Gambelas, Pavilhão B1, 8005-226 Faro, Portugal Tel: +351 917 018 720, E-Mail: nblanc@sciaena.org

Carvalho, Gonçalo

SCIAENA, Incubadora de Empresas da Universidade do Algarve, Campus de Gambelas, Pavilhao B1, 8005-226 Faro, Portugal

Tel: +351 936 257 281, E-Mail: gcarvalho@sciaena.org; sciaena@sciaena.org

BRAZILIAN ASSOCIATION OF FISH INDUSTRIES - ABIPESCA

Pestana. Lais

ABIPESCA, SGAN 601 bloco H Ed. ION, 70830-010 Brasília, DF, Brazil

Tel: +55 489 844 75135, E-Mail: lais@abipesca.com.br; laisbelsito@gmail.com

EUROPÊCHE

Mattlet, Anne-France

Europêche, Rue Montoyer, 24, 1000 Brussels, Belgium

Tel: +33 678 11 63 01, E-Mail: anne-france.mattlet@europeche.org

INTERNATIONAL SEAFOOD SUSTAINABILITY FOUNDATION - ISSF

Restrepo. Víctor

Chair of the ISSF Scientific Advisory Committee, International Seafood Sustainability Foundation, 3706 Butler Street, Suite 316, Pittsburgh PA 15201-1802, United States

 $\label{eq:tempower} \textbf{Tel: + 1 305 450 2575; +1 703 226 8101, Fax: +1 215 220 2698, E-Mail: vrestrepo@iss-foundation.org; vrestrepo@mail.com}$

THE INTERNATIONAL POLE & LINE FOUNDATION - IPNLF

Bealey, Roy

IPNLF, 7-14 Great Dover Street, London SE1 4YR, United Kingdom

Tel: +44 755 537 3675, E-Mail: roy.bealey@ipnlf.org

Dyer, Emilia

IPNLF, 1 London Street, Reading, Berkshire RG1 4QW, United Kingdom

Tel: +44 745 512 0898, E-Mail: emilia.dyer@ipnlf.org

Rodrigues, Luis

IPNLF, United Kingdom

Tel: +351 914 131 674, E-Mail: luismramosrodrigues@gmail.com

THE OCEAN FOUNDATION

Bohorquez, John

The Ocean Foundation, 1320 19th St, NW, Suite 500, Washington DC 20036, United States

Tel: +1 202 887 8996, E-Mail: jbohorquez@oceanfdn.org

WORLDWIDE FUND FOR NATURE - WWF

Buzzi, Alessandro

WWF Mediterranean, Via Po, 25/c, 00198 Rome, Italy

Tel: +39 346 235 7481, Fax: +39 068 413 866, E-Mail: abuzzi@wwfmedpo.org

OTHER PARTICIPANTS

SCRS CHAIRMAN

Brown, Craig A.

SCRS Chairman, Sustainable Fisheries Division, Southeast Fisheries Science Center, NOAA, National Marine Fisheries Service, 75 Virginia Beach Drive, Miami, Florida 33149, United States

Tel: +1 305 586 6589, E-Mail: craig.brown@noaa.gov

ICCAT Secretariat

C/ Corazón de María 8 – 6th floor, 28002 Madrid – Spain Tel: +34 91 416 56 00; Fax: +34 91 415 26 12; E-mail: info@iccat.int

Manel, Camille Jean Pierre
Neves dos Santos, Miguel
Ortiz, Mauricio
Palma, Carlos
Mayor, Carlos
Cheatle, Jenny
Parrilla Moruno, Alberto Thais
De Andrés, Marisa
Donovan, Karen
Motos, Beatriz
Peyre, Christine
Fiz, Jesús
Peña, Esther

ICCAT INTERPRETERS

Faillace, Linda Gelb Cohen, Beth González, Fernando Liberas, Christine Linaae, Cristina Meunier, Isabelle

Explanation Note on Korea's 2023 Fishing and Capacity Management Plan for Tropical Tunas (submitted by Korea (Rep.))

1. Rationale for Korea's catch limit of '1,337.4 t'

In 2019, when amending the tropical tunas measures (Rec. 16-01 to Rec. 19-02), inconsistencies between subparagraphs of para 4 of Rec. 19-02 were overlooked. In para 4 of Rec. 19-02, two criteria were used as the basis for setting bigeye tuna catch limits: historical catch stipulated in para 3 of Rec. 16-01 and recent average catch as defined in the footnote. In subpara a) and b), catch limits in para 3 of Rec. 16-01 is the basis for setting catch limits for CPCs listed in para 3 of Rec. 16-01. However, in subpara c) this reference of catch limits in para 3 of Rec. 16-01 is not stipulated. Korea believes this was an oversight by the Panel during the last-minute negotiations in 2019.

This inadvertence is also recognized in this meeting's Doc. PA1_31/i2023 (prepared by the Secretariat).

"According to Rec. 16-01 para 3, Korea has a BET catch limit of 1486 t. Korea reports a catch limit of 1000 t in its 2020 fishing plan. This limit is lower than the 10% reduction supposed to be applied according to Rec. 19-02 to a catch limit/average catch between 1000 and 3500, as their actual quota was (1486-10%=1337.4 t). This reported limit was applied to the Compliance Tables from 2020 on."

During 2020-2022, Korea voluntarily set its bigeye tuna catch limit at 1,000 t to contribute to the recovery of the stock. The reduction rate is about 37%, which is the biggest reduction rate among CPCs tabled in para 3 of Rec. 16-01. As Korea has stated in its tropical tuna fishing plan during 2020-2022, this setting of 1,000 t was a voluntary action and should not prejudice any future allocation discussions.

From 2023 until any bigeye tuna allocations are agreed by Panel 1, Korea will apply the catch limit of 1337.4 t, the appropriate figure applying the temporary catch limit setting criteria agreed in 2019.

Accordingly, all CPC proposals on bigeye tuna allocations using the current catch limits as the basis for allocation discussions should stipulate Korea's catch limit as '1,337.4 t' instead of '1,000 t'.

2. Proposal to amend para 4 of Rec. 22-01

As Panel 1 is discussing a new allocation for bigeye tuna, to correct the inconsistencies in para 4 and apply the method for setting temporary catch limits fairly for all CPCs, Korea proposes the following revision for para 4 of Rec. 22-01:

- "4. As an interim measure for 2023, the following provisions shall apply:
 - a) CPCs with catch limits greater than 10,000 t in para 3 of Rec. 16-01, shall apply a 21% reduction to those catch limits.
 - b) CPCs that are not captured by a) that have a recent average catch <u>or a catch limit in paragraph 3 of Rec. 16-01</u> of greater than 3,500 t, shall apply a catch limit that is 17% less than their recent average catch or their catch limit in para 3 of Rec. 16-01.
 - c) CPCs that have a recent average catch <u>or a catch limit in paragraph 3 of Rec. 16-01</u> between 1,000 and 3,500 t shall apply a catch limit that is 10% less than their recent average catch <u>or catch limit in paragraph 3 of Rec. 16-01</u>.
 - d) Those CPCs with recent average catch <u>or a catch limit in paragraph 3 of Rec. 16-01</u> of less than 1,000 t are encouraged to maintain catch and effort at recent levels."

Korea would like to underscore that this revision affects no other CPCs but is merely a correction of an oversight and a fair application of the temporary catch limit setting criteria agreed in 2019. Korea seeks the understanding of the Panel and welcomes CPCs views on this matter.