

Report of the Second Intersessional Meeting of Panel 1
(hybrid/Natal, Brazil, 22-24 May 2024)

1. Opening of the meeting

Mr Emmanuel Kwame Dovlo (Ghana), the Chair of Panel 1, opened the meeting and welcomed the participants.

The ICCAT Executive Secretary, Mr. Camille Jean Pierre Manel, reminded that the meeting was being held in a hybrid format with participants present in the room and participants attending online via the Zoom platform, including noting the timing of the lunch and coffee breaks.

2. Appointment of Rapporteur and meeting arrangements

Brazil proposed Ms. Flávia Lucena as Rapporteur for the meeting.

3. Adoption of the Agenda

The agenda was adopted without changes and is included as **Appendix 1**.

The List of participants is included as **Appendix 2**.

The Executive Secretary introduced the 30 CPCs participating at the meeting: Belize, Brazil, Cabo Verde, Canada, People's Republic of China, Curaçao, Côte d'Ivoire, Egypt, El Salvador, the European Union, France (St. Pierre & Miquelon), Ghana, Guatemala, Equatorial Guinea, Guinea, Honduras, Japan, Korea, Liberia, Mauritania, Morocco, Nicaragua, Panama, Senegal, South Africa, Saint Vincent and the Grenadines, the United Kingdom of Great Britain and Northern Ireland, the United States of America, Uruguay, and Venezuela. In addition, four Cooperating Non-contracting parties, entities, fishing entities also attended the meeting: Bolivia, Chinese Taipei, Costa Rica and Suriname.

Two Intergovernmental Organizations, the Ministerial Conference on Fisheries Cooperation among African States bordering the Atlantic Ocean (ATLAFCO), and INFOPÊCHE attended the meeting as Observers, and the Latin American Alliance for Sustainable Fishing (ALPESCAS), the Marine Sciences and Cooperation Association (SCIAENA), Blue Water Fishermen's Association (BWFA), the Brazilian Association of Fish Industries (ABIPESCA), International Seafood Sustainability Foundation (ISSF), OCEANA and the Pew Charitable Trusts (PEW), participated as Non-governmental Organizations.

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

No specific issues were raised regarding the review of the plans, however Japan and EU made some comments and suggestions concerning the structures of the plans as well as the capacity table, which need some revisions and standardization between CPCs and also between Panels. In particular, the EU requested that the SCRS provide a set calculation for "estimated best catch rate per unit (t)" for the tropical tuna capacity table, as is the case for bluefin tuna.

5. Allocation keys for and distribution of the bigeye tuna Total Allowable Catch (TAC)

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

7. Review of provisions related to the calculation of catch limits as stipulated in [Rec. 22-01](#)

The Chair introduced his document "Draft Recommendation by ICCAT replacing Recommendation 22-01 on a multi-annual conservation and management programme for tropical tunas" and the document "Catch limits for CPCs according to alternatives 1 and 2 of paragraph 4 table in the Chair's Draft Recommendation by ICCAT replacing Recommendation 22-01 on a multi-annual conservation and management programme

for tropical tunas” (and spreadsheet), prepared by the ICCAT Secretariat under the guidance of the Chair. The latter relates to the catch limits for bigeye tuna and conditions associated with the allocation of catch limits for CPCs according to alternatives 1 and 2 of the spreadsheet, and paragraph 4 of the Chair’s Draft Recommendation. The three items of the Agenda (5, 6 and 7) were initially combined since they are complementary when discussing these documents. The Chair clarified that the documents are informal proposals and all CPCs are open to present other proposals or carry out bilateral meetings to discuss this matter.

The ICCAT Secretariat explained the calculations in the document on catch limits were made in accordance with the provisions of paragraph 4 of the *Recommendation by ICCAT to replace Recommendation 16-01 by ICCAT on a Multi-annual Conservation and Management Programme for Tropical Tunas (Rec. 19-02)*. It was proposed that (1) the calculated catch limits and thresholds were to be those included in the Compliance tables in 2020, presented in the Conservation and Management Measures Compliance Committee (COC), and used as a reference since then for a TAC of 62,500 t, and (2) those CPCs that do not currently have an explicit catch limit are encouraged to maintain their catch at recent levels; (3) the TAC would amount to 73,000 t with a reserve of 5,000 t for small harvesters, leaving 68,000 t to be distributed between the other categories. The calculation and conditions of alternatives 1 and 2 were the same, with the difference that the alternative 1 has three categories, with small harvesters being in category C, and, alternative 2 having four categories, with category D small harvesters (< 1,050 t).

After the presentation by the ICCAT Secretariat, various CPCs requested the floor to make their considerations.

Guatemala pointed out that the Chair’s exercise with a pro-rata approach does not respond to the desire for greater participation of developing coastal States. Senegal did not agree that the limit starting point should take into account the *Recommendation by ICCAT on a multi-annual conservation and management program for tropical tunas (Rec. 16-01)*, which does not resonate its desires and those of the ATLAFCO. The EU appreciated the efforts in terms of a methodology, and recalled the significant allocation reductions made by the EU since 2019. Korea, as in previous years, did not agree with its catch limit and asked the Chair to correct the amount of 1,000 t to 1,337.4 t. South Africa attested that TAC increase must be accompanied by robust measures to protect the juveniles. As regards small harvesters, there are 24 CPCs in this category and, according to South Africa, the proposed allocation of 5,000 t would be insufficient, particularly when taking into account that part of this negotiation involves redistribution of fishing possibilities to developing coastal States. Japan proposed to allocate the increase of the TAC to developing countries. Liberia, while agreeing, maintained that big harvesters should accept to decrease the catch limit in favour of developing CPCs. Brazil, Guatemala and Senegal agreed with the points of view of the previous CPCs. The EU indicated that it supported the catch limits based on *Rec. 16-01* and, although agreeing with the aim of a certain redistribution to developing CPCs, maintained that CPCs with historical catches of tropical tunas species, which have also made substantial reductions in the past to contribute to the recovery of the stock, should also see some benefit where there is a TAC increase. Japan and other CPCs agreed that the distribution of the TAC increase should be discussed amongst CPCs.

Following the initial discussion of the provisions of the paragraph 4 of the Draft Recommendation and the document on catch limits (and spreadsheet), the Panel agreed to discuss the draft Recommendation on tropical tunas, with the exception of paragraph 4, which deals specifically with the allocation keys and distribution of the bigeye tuna TAC.

Some paragraphs were accepted, some edits, deletion of redundant text, and additions were suggested, and many parts of the text were kept in brackets for further discussion. Some points, detailed herein, led to more discussion within the Panel.

In relation to the Annual Fishing / Capacity Management / FAD Management Plans for Tropical Tunas, many CPCs commented about the different alternatives, whether those Plans, depending on the category (small or big harvesters) should be reviewed or approved by the Commission. The alternatives were kept in brackets, with room for further discussion.

In relation to the FAD closure, there was a broad discussion about the appropriate period that could be agreed, which many CPCs agreed should be based on scientific advice concerning its effectiveness. Guatemala asked if there was some new information from SCRS that could guide the decision of the

appropriate FAD closure for the CPCs. The SCRS Chair explained that the most recent data on catch-at-size, which would allow the division of juvenile from adult catches for tropical tunas for the last several years, was not yet available. He also mentioned that all CPCs were requested to provide the recent data. However, the SCRS maintains the previous advice that there should be efforts taken by the Commission to limit impacts on juveniles. He affirmed that updated advice is expected to be provided by September 2024. South Africa emphasized that an increase in TAC needs to be accompanied by robust FAD measures, a point echoed by the UK. Guatemala pointed out that if there is sufficient control of the impact of fisheries on catches when the TAC is established, this TAC would account for the whole stock, including juveniles, therefore it is not notorious if the stock needs additional measures.

There was also a lengthy discussion related to the appropriate limit of active FADs but, as was the case with the discussion on the FAD closure period, without having a clearer idea of the effectiveness of these measures, the alternatives were kept in brackets. Discussion centered on the available information as well as any useful information required to provide such advice. It was questioned whether it was necessary to standardize the methodology or if further information was needed, since the available data might not be offering enough information for the SCRS to provide advice.

In relation to the Observer coverage, some CPCs (El Salvador, the EU, Guatemala, Nicaragua and Panama), showed their preference for 20% coverage for longline while others pointed out some constraints regarding the increase of the observer coverage (Brazil, Japan, Korea and Chinese Taipei) from 10 to 20% in 2025. Japan attested that the combination of human observers (10% of coverage) and Electronic Monitoring Systems (EMS) has just been established, including the EMS minimum standards having just been adopted last year, and therefore it would be premature to increase the rate. Korea also raised some concerns in relation to EMS reaching its full potential in 2026. Although certain CPCs have already been implementing it, for many others, EMS is still under development. No consensus was reached on the percentage of the combination of human observers and EMS; therefore, it was left in brackets for further discussion. The whole question of data quality was also raised. It was questioned if the SCRS could provide advice on the appropriate ratio human observer/EMS, and whether the increase in observers coverage would lead to better quality data. The SCRS clarified that, for scientific purposes, EMS should be used to supplement human observers and not to replace them since, for example, biological sampling requires human observers. The potential evaluation of different coverage levels would likely require the SCRS to be able to work with the detailed data, in order to simulate reduced levels versus full/high coverage levels and see how the ability to make accurate estimates is affected. However, these answers are not yet available. Hence, all the decisions concerning this topic were kept in brackets for further discussion.

Provisions related to a Regional Observer Program (ROP) was also discussed. Some CPCs (the EU, Guatemala, Panama) proposed the implementation of the ROP for all tropical tuna fisheries since it may be an opportunity for the Commission to understand and cover all fisheries, with more robust data, allowing to better assess the state of the stocks. The language barrier was mentioned by Brazil. Japan and other CPCs indicated that they were not agreeable to have longlines in the scope of the Program, since the current observer scheme (10% national observers for longliners + 100% regional observers for carrier vessel) has, according to those CPCs, worked properly to collect necessary data. Another point raised was related to the capacity of the ICCAT Secretariat to manage another significant increase of data sets, related to hundreds of vessels, since by just adding longliners it would increase around 760 vessels. The ICCAT Secretariat responded that since Regional Observer Program was discussed but not ultimately adopted, they are not yet in a position to assess the impact of such a Program, both financially and in terms of human resources. If the Program is accepted and the details are appropriately defined, it will be considered internally, then a proposal on the required means will be made to the Commission. Hence, as there was no consensus, the Panel agreed to put the question to the IMM working group in June with a request to elaborate on terms of reference for a tropical tuna regional observer feasibility study.

Having walked through the entirety of the Chair's proposal, the Panel returned to agenda item 5 on the allocation of catch limits. Questions already arisen were reconsidered, such as the base of the calculations of the catch limits, the alternatives of the exercise produced by the ICCAT Secretariat and the proposition by Japan on the distribution of the amount of TAC increases to developing countries. The number of catch limit categories were discussed, with some CPCs showing their preference for alternative 1 with three categories or alternative 2 with four categories, which some CPCs considered as a more proportional manner of dividing catch between the different groups of CPCs. There was, however, a consensus related to the establishment of a reserve for CPCs that want to start developing their fishing activity without being

hampered. A debate ensued concerning a reserve for small harvesters involving the definition and amount attributed to it. Both Brazil and ATLAFCO presented allocation proposals in order to facilitate the dialogue concerning the allocation of the quotas.

ATLAFCO presented their proposal “Catch limits for bigeye tuna”, which used an alternate baseline, since they attested the document prepared by the ICCAT Secretariat would not be in line with the aspirations of ATLAFCO Member States. ATLAFCO presented a table, based on an exercise produced by them in the previous year, which also accounted for the different discussions carried out over the course of the meeting. They pointed out that, although the Panel has discussed different ways to calculate quota allocation in previous years, it did not come up with a satisfactory formula for all CPCs. The catch limits presented by ATLAFCO were based on CPC catches since 2019, using CPCs’ catches rather than their catch limits. The small harvester category would be subject to a 1,050t trigger threshold and a reserve of 5,195 t. Belize, Brazil, Cabo Verde, China (P.R.), Côte d'Ivoire, Curaçao, El Salvador, the EU, Ghana, Guatemala, Japan, Korea (Rep.), Morocco, Panama, Senegal, and Chinese Taipei, were explicitly listed in the proposal, without a defined group, amounting to a total of 67,805 t. The representative of the ATLAFCO expressed the importance of the reserve, which should be a limit within a margin of security, given the current low level of the stock, but not a constraint for the development of coastal CPCs. Many CPCs initially supported the general lines of the proposal and, although the discussions were very informative, there was agreement on the need for more dialogue and to improve some aspects of the ATLAFCO proposal, especially those related to the years that should be considered as a starting point.

Brazil presented the document “Catch limits for bigeye tuna”, stressing that it was an exercise of methodology for potential distribution scenarios for the TAC increase, rather than figures to be finally considered for specific CPCs. The concept of the exercise brought together the general ideas expressed by some CPCs during previous interventions and the efforts made by the Chair and ICCAT Secretariat, which were: (1) alternative 1 of the table configuration used by the Chair and the ICCAT Secretariat in the document presented for this meeting; (2) the proposal raised by Japan to allocate all or a significant fraction of the TAC increase to CPCs not in category A; and (3) the maintenance of the reserve for the small harvesters in 5,000 t, which would proportionally increase with any TAC increase. Brazil made its point clear about the Group C reserve, which would not hinder CPCs from developing fisheries in the medium term but would also be a buffer for the stock itself that could guarantee reserves for the protection of the bigeye tuna stock.

The rationale behind Brazil’s document was based on two primary keys:

- 1) the first key relating to the percentage divided between Groups A, B, and C and how it would be shared. For example, the first key could be simulated if all or alternative fractions (98%, 95%, 92%, etc.) of the TAC increase would be allocated to Groups B and C.
- 2) the second key relating to the distribution inside each group with three different scenarios based on:
 - a) a prorated scenario inside each group;
 - b) an equal distribution of the total value available; and
 - c) a scenario that could be provided with some division between the Group B and Group C. It could also simulate a more equitable situation of the TAC towards small harvesters by including different proportionality for some groups (B, for example).

Many CPCs acknowledged that the documents presented by Brazil and ATLAFCO were very useful since they could be used as a basis for further discussion. However, many CPCs attested that they would need more time to go through the proposals with still many questions to be considered.

12. Adoption of report / adjournment

At the end of the morning session of day #3, a power and Internet outage occurred, affecting a large part of the city of Natal. Accordingly, since the ZOOM connection was lost and participants online could not follow the discussions, the Chair adjourned the meeting and the remaining items of the agenda were not covered.

The Chair also informed that a roadmap would be circulated in the forthcoming weeks, aiming to set a correspondence process with clear outlines of the next steps for the Panel 1. It was agreed that the report would be adopted by correspondence and the meeting was adjourned.

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. Allocation keys for and distribution of the bigeye tuna Total Allowable Catch (TAC)
6. Review of potential capacity limits in light of the allocation key
7. Review of provisions related to the calculation of catch limits as stipulated in [Rec. 22-01](#)
8. Consideration of TAC and allocation for yellowfin tuna
9. Review other measures relevant to the conservation and management of tropical tunas
10. Update on SCRS progress of Western Skipjack Management Strategy Evaluation (SKJ-W MSE)
11. Other matters
12. Adoption of report / adjournment

List of participants*¹**CONTRACTING PARTIES****BELIZE****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**Cardoso, Luis Gustavo ***

Ministério da Pesca e Aquicultura, Esplanada dos Ministérios, 70050000 Brasília, DF

Tel: +55 53 999010168, E-Mail: luis.gcardoso@mpa.gov.br; cardosolg15@gmail.com

Araujo Cruz, Rivetla Edipo

Setor de Autarquia Sul, 2 Edifício Siderbrás, 70297-400 Brasília, DF

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

Arruda Sêga, Luana

Setor de Autarquias Sul Q. 2, Esplanada dos Ministérios, Bloco D, 70043-900 Brasília DF

Tel: +554 799 966 3536, E-Mail: luana.arruda@mpa.gov.br

Bacelette, Ricardo Ginicolo

Chief of International Advisory, Ministry of Fisheries and Aquaculture, Edifício Siderbrás - Setor de Autarquias Sul Q. 2, 702974-00 Brasília

E-Mail: ricardo.bacelette@mpa.gov.br; internacional@mpa.gov.br

Bispo Oliveira, André Luiz ¹

International Negotiations Coordinator, Ministry of Fisheries and Aquaculture, International Advisory, 702974-00 Brasília DF

Brick Peres, Monica

Grandes Unidades Oceânicas - Instituto Chico Mendes de Conservação da Biodiversidade - ICMBio, Complexo Administrativo EQSW 103/104 s/n, 70.670-350 Brasília DF Cruzeiro

Tel: +55 61 981 433 690, E-Mail: monica.peres@icmbio.gov.br

Calzavara de Araujo, Gabriel

Av. Sen. Salgado Filho, 2860, Lagoa Nova - Edf. Eng. Fernando Bezerra, CEP 59075-900 Natal Rio Grande do Norte

Tel: +55 84 3211 9287; Cel: +55 84 99480 8484, Fax: +55 84 3201 2045, E-Mail: gcalzavaradearaujo@gmail.com

Crema Rodrigues, Giovanna Iannicelli

Ministério da Pesca e Aquicultura Esplanada dos Ministérios, Bloco D, 2nd Andar, 70043-900 Brasília, DF

Tel: +55 613 218 2643, E-Mail: gabse@mpa.gov.br

Da Costa, Lázaro Medeiros Viana

Ministério da Pesca e Aquicultura Esplanada dos Ministérios, Bloco D, 2º Andar, 70043-900 Brasília, DF

Tel: +55 613 276 4616, E-Mail: lazaro.medeiros@mpa.gov.br; gab.gm@mpa.gov.br

De Albuquerque Maranhao Burle, Gustavo ¹

59012-250 Natal Rio Grande do Norte

De Mello Junior, Carlos Cesar

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

Tel: +55 61 3276 4611, E-Mail: gabse@mpa.gov.br; carlos.mello@mpa.gov.br

De Souza, David Soares

Av. Eng. Hildebrando de Góis, 150 - Ribeira, 59010-700 Natal, RN

Tel: +55 844 006 9657, E-Mail: david.souza@mpa.gov.br

* Head Delegate

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

Fernandes Pereira, Rivaldo
Tel: +55 84 987 834 429, E-Mail: rivaldo.pereira@ibama.gov.br

Ferreira, Alexandre
Rua Dr. Lauro Pinto, 155, Lagoa Nova, 59067400 Natal Rio Grande do Norte
Tel: +55 843 204 5720, E-Mail: ferreira.acbf@pf.gov.br

Gomes de Paiva, Jerdmiler

Hazin, Rodrigo Fauze
SINDIPESCA, Zona Cívico Administrativa, Rua Chile, 216, Ribeira, Rio Grande do Norte, Natal
Tel: +55 84 98756 8073, E-Mail: diretoria.rodriigo@nortepesca.com.br

Leite Mourato, Bruno
Professor Adjunto, Laboratório de Ciências da Pesca - LabPesca Instituto do Mar - IMar, Universidade Federal de São Paulo - UNIFESP, Rua Carvalho de Mendonça, 144, Encruzilhada, 11070-100 Santos, SP
Tel: +55 1196 765 2711, Fax: +55 11 3714 6273, E-Mail: bruno.mourato@unifesp.br; bruno.pesca@gmail.com; mourato.br@gmail.com

Lezama, Antonio
E-Mail: antonio.lezama@mma.gov.br

Lira, Marcelo ¹
59015-350 Natal Rio Grande do Norte

Lucena Frédou, Flávia
Ufrpe, Rua dom Manoel s/n, 51171900 Pernambuco, Recife
Tel: +55 819 964 10885, E-Mail: flavia.fredou@ufrpe.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

Medeiros, Maria Luisa
Secretaria de Estado da Agricultura da Pecuária e da Pesca do Rio Grande do Norte BR 101 KM 0, Centro Administrativo Rio Grande do Norte, S/N - Lagoa Nova, 59064-901 Natal, RN
Tel: +55 843 232 1140, E-Mail: sape@rn.gov.br

Neves Moreno, Emanuel
ACARAÚ CEARA
Tel: +55 85 987 11 8711, E-Mail: qualipesc.ce@gmail.com

Origi Fischer, Leticia
Technical Advisor, Ministry of Fisheries and Aquaculture, National Office of Artisanal Fishing, Edifício Siderbrás - Setor de Autarquias Sul Q. 2, 70070-906
Tel: +55 27 997 640 531, E-Mail: leticia.fischer@mpa.gov.br

Ramos Zagaglia, Cláudia ¹
IBAMA RN, 59015350 Natal, RN

Razera Papa, Roberto Carlos
Ministry of Agriculture and Livestock
Tel: +55 84 4006 9696, E-Mail: roberto.papa@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, Esplanada dos Ministérios Bloco D, 71699-785 Brasília
Tel: +55 61 9830 62548, E-Mail: elielma.borcem@mpa.gov.br

Sant'Ana, Rodrigo
Researcher, Laboratório de Estudos Marinhos Aplicados - LEMA Escola Politécnica - EP, 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

Sfogleia, Eduardo

Divisão do Mar, da Antártida e do Espaço - DMAE Dep. de Assuntos Estratégicos, de Defesa e de Desarmamento, DDEF
Ministério das Relações Exteriores, MRE Esplanada dos Ministérios Bloco H - Anexo I - Sala 434, 70170900 Brasília DF
Tel: +55 612 030 8619, E-Mail: eduardo.sfogleia@itamaraty.gov.br

Souza Lira, Alex

Regitering, Monitoring and Research Secretariat, Esplanada dos Ministérios, Setor de Autarquias Sul Q. 2, 70043-900
Brasília DF
Tel: +55 819 855 15243, E-Mail: alex.lira@mpa.gov.br

Torres Dantas da Silva, María Teresa

59150590 Natal
Tel: +55 84 99969-8239, E-Mail: mteresatorresds@gmail.com

Travassos, Paulo

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

CABO VERDE

Vieira, Nuno

IMAR, Sao Vicente
E-Mail: nuno.vieira@imar.gov.cv

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

Boudreau, Cyril L.

Senior Fisheries Strategist Nova Scotia Department of Fisheries and Aquaculture, Hailfax, Nova Scotia B3J 2R5
Tel: +1 902 266 8345, E-Mail: Cyril.Boudreau@novascotia.ca

Elsworth, Samuel G. ¹

South West Nova Tuna Association, Bridgewater, NS B4V 2M5

MacDonald, Carl

Resource Manager, Fisheries and Oceans Canada, 1 Challenger Drive, PO Box 1006, Bedford Institute of Oceanography,
Dartmouth, Nova Scotia B2Y 4A2
Tel: +1 902 293 8257, E-Mail: carl.macdonald@dfo-mpo.gc.ca

Nicholas, Hubert

Membertou First Nation, 87 deerfield drive, Sydney, NS B1R 2K4
Tel: +1 902 301 4765, E-Mail: hnicholas@ulnooweg.ca; hubertnicholas@membertou.ca

Schleit, Kathryn

Oceans North, 1459 Hollis Street, Unit 101, Halifax, NS B3L1Y1
Tel: +1 902 488 4078, E-Mail: kschleit@oceansnorth.ca

CHINA, (P.R.)

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

Fang, Lianyong

Director assistant, China Overseas Fisheries Association, Room 1216, Jingchao Mission, Nongzhanguannan Road,
Cahoyang District, 100126 Beijing
Tel: +86 10 65853488, Fax: +86 10 65850551, E-Mail: fanglianyong@cofa.net.cn

Feng, Ji

Shanghai Ocean University, 999 Hucheng Huan Rd, 201306 Shanghai
Tel: +86 159 215 36810, E-Mail: fengji_shou@163.com; fj113_shou@yeah.net; 276828719@qq.com; f52e@qq.com

Zhang, Fan

Professor, Shanghai Ocean University, 999 Hucheng Huan Rd, 201306 Shanghai
Tel: +86 131 220 70231, E-Mail: f-zhang@shou.edu.cn

CURAÇAO

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

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
Tel: +5999 4621444 ext 173; +5999 5606038, Fax: +5999 462 7590, E-Mail: stephenmambi@yahoo.com; stephen.mambi@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

CÔTE D'IVOIRE

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

Lentelus Gossan, Cho Hermance

Sous-Directrice des Pêches Maritime et Lagunaire, Ministère des Ressources Animales et Halieutiques de la République de Côte d'Ivoire, BP V 19, Abidjan
Tel: +225 07 58 84 18 54; +225 07 07 22 1595, Fax: +225 21 356315, E-Mail: hermancegossan@gmail.com

EL SALVADOR

Galdámez de Arévalo, Ana Marlene

Técnico de Oficina de Pesca Internacional, Centro para el Desarrollo de la Pesca y Acuicultura (CENDEPESCA), Head Final 1a. Avenida Norte, 13 Calle Oriente y Av. Manuel Gallardo. Santa Tecla, La Libertad
Tel: +503 619 84257, E-Mail: ana.galdamez@mag.gob.sv

Hernández Rodríguez, Numa Rafael

Jefe de División de Administración, Ministerio de Agricultura y Ganadería, Centro de Desarrollo de la Pesca y la Acuicultura (CENDEPESCA), Final 1º Ave. Norte y ave. Manuel Gallardo, Santa Tecla, La Libertad
Tel: +503 221 01760, E-Mail: numa.hernandez@mag.gob.sv

Vásquez Jovel, Antonio Carlos

Jefe de Oficina de Pesca Internacional, Centro para el Desarrollo de la Pesca y Acuicultura (CENDEPESCA), Final 1º Ave. Norte y Ave. Manuel Gallardo, Santa Tecla, La Libertad
E-Mail: antonio.vasquez@mag.gob.sv

EUROPEAN UNION

Billiet, Stijn *

Head of EU Unit, European Commission, DG Mare B 2, Rue Joseph II - 99, 1049 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

Abreu Gouveia, Nuno Manuel

Director Serviços, SRAP - Direção Regional de Pescas, Direção Serviços de Inspeção e Controlo - DSIC, Praça da Autonomia nº 1, Edifício da Sociedade Metropolitana de Câmara 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, Spain

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, Spain

Tel: +34 986 120 658; +34 698 122 046, E-Mail: neil.ansell@efca.europa.eu

Capela, Pedro

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

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

Freitas Araújo, Mafalda

CECAF, Lota do Funchal 1º Piso, Rua Virgílio Teixeira, 9004-562 Funchal, Madeira, Portugal

Tel: +351 291 203 200, E-Mail: mafalda.freitas.araujo@madeira.gov.pt

Goujon, 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

Direção 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

Herrera Armas, Miguel Ángel

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

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

Leduc, Xavier

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

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

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), Tour Séquoia 1 place Carpeaux, 92055 La Défense, Ile de France, France

Tel: +33 140 819 531; +33 660 298 721, Fax: +33 140 817 039, 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, Spain

Tel: +34 922 549 400; +34 686 219 114, Fax: +34 922 549 500, E-Mail: pedro.pascual@ieo.csic.es

Sanchez-Fabres García de la Rasilla, Enrique

Federación Regional de Cofradías de Canarias, Calle Pérez Galdós No 20-3, 38002 Santa Cruz de Tenerife, Spain

Tel: +34 629 060 749, E-Mail: tecnico.biologo@fregionalcanarias.com

Santiago Burrutxaga, Josu

Head of Tuna Research Area, AZTI-Tecnalia, Txatxarramendi z/g, 48395 Sukarrieta (Bizkaia) País Vasco, Spain

Tel: +34 94 6574000 (Ext. 497); +34 664 303 631, Fax: +34 94 6572555, E-Mail: jsantiago@azti.es; flarrauri@azti.es

Sarricolea Balufo, Lucía

Secretaría General de Pesca, Ministerio de Agricultura, Pesca y Alimentación, Calle Velázquez 144, 28006 Madrid, Spain

Tel: +34 913 476 170; +34 618 330 518, E-Mail: lsarricolea@mapa.es

Silva, Ana

Federação das Pescas dos Açores, Rua São Salvador, 2, 9760-541 Praia da Vitória, Açores, Portugal
Tel: +351 962 361 103, E-Mail: asilva@federacaopescasacores.pt

Simão, Ana Paula

DGRM, Avenida Brasília, 1400-298 Lisboa, Portugal
Tel: +351 213 035 700, E-Mail: asimao@dgrm.mm.gov.pt

Teixeira, Isabel

Chefe de Divisão de Recursos Externos da Direção-Geral de Recursos Naturais, Segurança e Serviços Marítimos, DGRM, Avenida Brasília, 1449-030 Lisboa, Portugal
Tel: +351 919 499 229, E-Mail: iteixeira@dgrm.mm.gov.pt

Trigo, Patricia

DGRM, Avenida Brasília ES8, 1449-030 Lisboa, Portugal
Tel: +351 969 455 882; +351 213 035 732, E-Mail: pandrada@dgrm.mm.gov.pt

FRANCE (ST. PIERRE & MIQUELON)

Haziza, Juliette *¹

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

GABON

Angueko, Davy

Chargé d'Etudes 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

Kingbell Rockombeny, Lucienne Ariane Diapoma

Chef de Service Pêche Artisanale Maritime, 9498 Libreville
Tel: +241 770 19525, E-Mail: luciennearianediapoma@gmail.com; luciennearianediapoma@yahoo.fr

GHANA

Antwi-Boadu, Fred Kwasi *

Executive Director, Fisheries Commission Ghana, Ministry of Fisheries and Aquaculture Development, Head Office, P. O. Box GP 630 Accra
Tel: +233 302 675 155; +233 208 169 989, E-Mail: fred.antwi-boadu@fishcom.gov.gh

Adu-Antwi, Alexander

Principal Manager, Fisheries Commission, GP 630 Accra
Tel: +233 262 566 680, E-Mail: alexander.adu-antwi@fishcom.gov.gh; lexozuamfb@gmail.com

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

Eshun, Frank

P. O. Box 207, Ekumfi Essarkyir via Mankessim
Tel: +223 541 283 646, E-Mail: frank.eshun@fishcom.gov.gh

Kwame Dovlo, Emmanuel

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

GUATEMALA

Marín Arriola, Carlos Francisco *

Director de la Dirección de Normatividad de la Pesca y Acuicultura, DIPESCA, Ministerio de Agricultura, Ganadería y Alimentación - VISAR-MAGA, Km 22 Carretera al Pacífico, Ed. La Ceiba, 3er nivel, Bárcenas, 01013 Villanueva
Tel: +502 6640 9334; cel +502 568 40660, E-Mail: cfmardin1058@gmail.com; dipescaguatemala@gmail.com; visardespacho@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: bchavarría@lsg-cr.com

Martínez Valladares, Carlos Eduardo

Encargado del Departamento de Pesca Marítima, Kilómetro 22, Ruta al Pacífico, Edificio la Ceiba 3er Nivel, 01064
Bárcena, Villa Nueva
Tel: +502 452 50059, E-Mail: carlosmartinez41331@gmail.com

Romero Morales, Manuel Odilo

JEALSA, SGAN 601 bloco H ed. ION Sala 1081, 70830-018 Brasília, Brazil
Tel: +34 609 420 861, E-Mail: mromero@jealsa.com; contato@abipescas.com.br

GUINEA (REP.)

Kolié, Lansana

Chef de Division Aménagement, Ministère de la Pêche et de l'Economie maritime, 234, Avenue KA 042 - Commune de
Kaloum BP: 307, Conakry
Tel: +224 624 901 068, E-Mail: klansana74@gmail.com

Sylla, Fatoumata Saran

Directrice Nationale, Direction Nationale de la Pêche Maritime, Ministère de la Pêche et de l'Économie Maritime, BP 307
Commune de Kaloum, 234, Avenue KA 042, Conakry
Tel: +224 621 272 627, E-Mail: fatimakysylla@gmail.com; dnpmpguinee2000@gmail.com

JAPAN

Katsuyama, Kiyoshi¹

Adviser, Japan Tuna Fisheries Co-operative Association, 2-31-1 Eitai, Koto-ku, Tokyo 135-0034

Kawano, Masataka

Technical Official, International Affairs Division, Fisheries Agency of Japan, Ministry of Agriculture, Forestry and
Fisheries, 1-2-1 Kasumigaseki, Chiyoda-ku, Tokyo 100-8907
Tel: +81 3 3502 8460, E-Mail: masataka_kawano320@maff.go.jp

Kawashima, Tetsuya

Counsellor, Resources Management Department, Fisheries Agency of Japan, Ministry of Agriculture, Forestry and
Fisheries, 1-2-1 Kasumigaseki, Chiyoda-ku, Tokyo 100-8907
Tel: +81 3 3502 8460, E-Mail: tetsuya_kawashima610@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, E-Mail: miura@japantuna.or.jp; gyojyo@japantuna.or.jp

Tominaga, Haruo

Director for International Fisheries Cooperation, International Affairs Division, Fisheries Agency of Japan, Ministry of
Agriculture, Forestry and Fisheries, 1-2-1 Kasumigaseki, Chiyoda-ku, Tokyo 100-8907
Tel: +81 3 3501 3861, E-Mail: haruo_tominaga170@maff.go.jp

KOREA (REP.)

Oh, Jiyoung*

Deputy Director, Ministry of Oceans and Fisheries (MOF), International Cooperation Division, Marine Policy Office,
Government complex building 5, #94, Dasom 2-ro, 30110 Sejong
Tel: +82 44 200 5333, Fax: +82 44 200 5349, E-Mail: im5g0@korea.kr

Choi, Bongjun

Assistant Manager, Korea Overseas Fisheries Association (KOSFA), 6th floor Samho Center Building. "A" 83, Nonhyeon-
ro, Seocho-gu, 06775 Seoul
Tel: +82 2 589 1613, Fax: +82 2 589 1630, E-Mail: bj@kosfa.org

Kang, Seungwon

Assistant Manager, Dongwon Industries Co., Ltd., 68 Mabang-ro, Seocho-gu, 06775 Seoul
Tel: +82 2 589 3684, Fax: +82 2 589 4397, E-Mail: veritasivy@dongwon.com; i3255@dongwon.com

Kim, Soomin

Policy Analyst, Korea Overseas Fisheries Cooperation Center, 6th FL, S Building, 253, Hannuri-daero, 30127 Sejong
Tel: +82 44 868 7833, Fax: +82 44 868 7840, E-Mail: soominkim@kofci.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

LIBERIA

Manoballah, Augustine M.

Deputy Director General for Administration, National Fisheries and Aquaculture Authority, Freeport, Bushrod Island, 1000 Monrovia

Tel: +231 886 930 455, E-Mail: ammanoballah@nafaa.gov.lr; ammanoballah@gmail.com

Wehye, Austin Saye

Director-Research & Statistics, National Fisheries and Aquaculture Authority (NaFFA), hradFisheries Researchers, United Nation Drive, P.O. Box 1384, 1000 Monrovia, Montserrado Bushrod Island

Tel: +231 886 809 420; +231 775 717 273, E-Mail: awehye@nafaa.gov.lr; austinwehye@yahoo.com

MAURITANIA

Camara, Lamine *

Directeur/DARE/MPEM, Direction de l'Aménagement des Ressources et des Études, Ministère des Pêches et de l'Economie Maritime, BP : 137, NKTT/R.I., Nouakchott

Tel: +222 45 29 54 41; +222 46 41 54 98, E-Mail: laminecam2000@yahoo.fr

MEXICO

Ramírez López, Karina

Instituto Mexicano de Pesca y Acuicultura Sustentables (IMIPAS), Centro Regional de Investigación Acuícola y Pesquera - Veracruz, Av. Ejército Mexicano No.106 - Colonia Exhacienda, Ylang Ylang, C.P. 94298 Boca de Río, Veracruz

Tel: +52 5538719500, Ext. 55756, E-Mail: karina.ramirez@imipas.gob.mx; kramirez_inp@yahoo.com

MOROCCO

Bensbai, Jilali

Chef de Département des ressources halieutiques à l'INRH, 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

Cheffe de Service des Espèces Marines Migratrices et des Espaces Protégés, 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

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

NICARAGUA

Chacón Rivas, Roberto Danilo

Asesor Legal, Instituto nicaragüense 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

PANAMA

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; hsf@arap.gob.pa

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

Kim, Bo Seung Jason

Responsable des opérations, CAPSEN SA, Nouveau Quai de Pêche – Mole 10, B.P : 782, 10200 Dakar
Tel: +221 776 261 841, E-Mail: bs1234577@dongwon.com

Kwabena, Adams Blegnan

Chef d'équipe pêche, CAPSEN, 10200

Ndiaye, Ibrahima

Chef d'entreprise, GRAND BLEU, Amitié 2 villa 4055, BP 27102 DM Dakar
Tel: +221 774 501 352, E-Mail: spiderndiaye@grandbleusa.com

Ndiaye Ndéné, Ibrahima

CAPSEN, 10200 Dakar
Tel: + 221 772 615 950, E-Mail: ndiaye1812@dongwon.com

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

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

Wade, Mohamadou Samassa

GRAND BLEU S.A., Mole 10 - PAD, 27102 Dakar
Tel: +221 77 380 94 36, E-Mail: wade@grandbleusa.com

SOUTH AFRICA

Mketsu, Qayiso Kenneth *

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

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

Allison, Sarah

Integrated Marine Manager, Marine Management Organisation (MMO), Miranda House, The Quay, Harwich, Essex, CO12 3HH
Tel: +44 739 287 9893, E-Mail: sarah.allison@marinemanagement.org.uk

Bella, Carlo

DEFRA, Horizon House, Deanery Road, Bristol, BS31 2UD
Tel: +44 739 526 8009, E-Mail: carlo.bella@defra.gov.uk

Smith, Ella

Department for Environment, Food and Rural Affairs - DEFRA, Horizon House, Deanery Road, Bristol BS1 5TL
Tel: +44 743 663 5198, E-Mail: ella.smith@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: +1 202 993 3494, E-Mail: kelly.kryc@noaa.gov

Blankinship, David Randle

Chief, Atlantic Highly Migratory Species Management Division, NOAA - National Marine Fisheries Service, 263 13th Ave South, Saint Petersburg, Florida 33701
Tel: +1 727 824 5313, Fax: +1 727 824 5398, E-Mail: randy.blankinship@noaa.gov

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

Golet, Walter

School of Marine Sciences, The University of Maine/Gulf of Maine Research Institute, 350 Commercial Street, Portland, Maine 04101-4618
Tel: +1 207 228 1671, E-Mail: walter.golet@maine.edu

Guyas, Martha

American Sportfishing Association (ASA), 1001 N. Fairfax Street Suite 501, Alexandria, VA 22314
Tel: +1 703 519 9691, E-Mail: mguyas@asafishing.org

Habegger, Leigh

Executive Director, 1717 K St. NW Suite 900, Washington DC 20006
Tel: +1 703 794 5114, E-Mail: leigh@seafoodharvesters.org; leighhabegger@gmail.com

Hemilright, Francis Dewey

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

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

Htun, Emma ¹

Attorney-Advisor, Office of General Counsel, National Oceanic and Atmospheric Administration, MD 20910

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

Leape, Gerald

Principal Officer, Pew Charitable Trusts, 901 E Street NW, Washington DC 20004

Tel: +1 202 431 3938, Fax: +1 202 540 2000, E-Mail: gleape@pewtrusts.org

Redd Jr, Larry

Fishery Management Specialist, NOAA - National Marine Fisheries Service, Highly Migratory Species Management Division, Office of Sustainable Fisheries, Maryland 20910

Sissenwine, Michael P.

Marine Policy Center, Woods Hole Oceanographic Institution, 39 Mill Pond Way, East Falmouth Massachusetts 02536

Tel: +1 508 566 3144, E-Mail: m.sissenwine@gmail.com

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, Sector "EL Salado". frente a la redoma El Ferry, edificio PESCALBA, Cumaná, Caracas

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

Galicia Tremont, Jeiris Nathaly

Directora General de Pesca Industrial, Viceministerio de Producción primaria Pesquera y Acuícola, Av Lecuna, Torre Este, Parque central, piso 17

E-Mail: ing.jeiriscalicia@gmail.com; dgpi.minpesca@gmail.com; jgalicia.minpesca@gmail.com

Novas, María Inés

Directora General de la Oficina de Integración y Asuntos Internacionales, Ministerio del Poder Popular de Pesca y Acuicultura - MINPESCA

Tel: +58 412 606 3700, E-Mail: oai.minpesca@gmail.com; asesoriasminv@gmail.com

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

BOLIVIA

Alsina Lagos, Hugo Andrés

Asesor, Unidad Boliviana de Pesca Marítima (UBPM), Ministerio de Defensa, 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

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

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: chou1967sc@gmail.com; shihcin@ms1.fa.gov.tw

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

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

Pacheco Chaves, Bernald

Instituto Costarricense de Pesca y Acuicultura, INCOPECA, Departamento de Investigación, Cantón de Montes de Oro, Puntarenas, 333-5400
Tel: +506 899 22693, E-Mail: bpacheco@incopesca.go.cr

SURINAME

Tong Sang, Tania *

Senior Policy Officer - Fisheries Department, Ministry of Agriculture, Animal Husbandry and Fisheries, Cornelis Jongbawstraat # 50, Paramaribo, Republica de Suriname
Tel: +597 472 233; +597 882 7513, 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

El Ktiri, Taoufik

Secrétaire exécutif, Conférence Ministérielle sur la Coopération Halieutique entre les États Africains Riverains de l'Océan Atlantique/COMHAFAT, N° 2, Rue Beni Darkoul, Rabat, Maroc
Tel: +212 530 774 221, E-Mail: elktirtaoufik@gmail.com; secretariat@comhafat.org

Amandè, Monin Justin

Directeur, African Marine Expertises (AMEXPART), Cocody II Plateaux Aghien 01BP3012, Abidjan, Côte d'Ivoire
Tel: +225 05059 27927, E-Mail: m.amande@africanmarineexpertises.com; monin.amande@yahoo.fr

Ishikawa, Atsushi

COMHAFAT, N° 2, Rue Beni Darkoul, Ain Khalouiya - Souissi, 10080 Rabat, Maroc
Tel: +212 642 96 66 72, Fax: +212 530 77 42 21, E-Mail: a615@ruby.ocn.ne.jp

Laamrich, Abdennaji

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

INFOPÊCHE

Shep, Helguilè

Directeur, INFOPÊCHE, 01 B.P 1747, Abidjan 01, Côte d'Ivoire
Tel: +225 27 20 21 31 98; +225 0707 619 221, E-Mail: shelguile@gmail.com; shelguile@yahoo.fr; infopech@gmail.com

OBSERVERS FROM NON-GOVERNMENTAL ORGANIZATIONS

ALIANZA LATINOAMERICANA PARA LA PESCA SUSTENTABLE - ALPESCAS

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, Brazil

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

ASSOCIAÇÃO DE CIÊNCIAS MARINHAS E COOPERAÇÃO - SCIAENA

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, Pavilhão B1, 8005-226 Faro, Portugal

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

BLUE WATER FISHERMEN'S ASSOCIATION - BWFA

Delaney, Glenn Roger

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

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

BRAZILIAN ASSOCIATION OF FISH INDUSTRIES - ABIPESCA

Botelho, Fernando

SGAN 601 BLOCO H EDIFICIO ION SALA 1081, 70830-010 Brasília, Brazil

Tel: +55 858 154 2336, E-Mail: fernando.botelho@crusoefoods.com.br

França Filho, Arimar¹

ABIPESCA, 70830-018 Brasília DF, Brazil

Gund, Jairo¹

ABIPESCA, 70830-010 Brasília, DF, Brazil

INTERNATIONAL SEAFOOD SUSTAINABILITY FOUNDATION – ISSF

Scott, Gerald P.

ISSF, 11699 SW 50th Ct, Cooper City, Florida 33330, United States

Tel: +1 954 465 5589, E-Mail: gpscott_fish@hotmail.com

OCEANA

Bruning Canton, Letícia

Oceana, SIG Quadra 1, lote 985, sala 251 Centro Empresarial Parque Brasília, 70610-410 Brasília DF Asa Sul, Brazil

Tel: +55 619 991 28759, Fax: +55 61 324 71801, E-Mail: lcanton@oceana.org

PEW CHARITABLE TRUSTS - PEW

Wozniak, Esther

The Pew Charitable Trusts, 901 E Street, NW, Washington DC 20004, United States

Tel: +1 202 540 6588, E-Mail: ewozniak@pewtrusts.org

OTHER PARTICIPANTS

COMMISSION CHAIRMAN

Penas Lado, Ernesto

ICCAT Chairman, Union européenne - D.G. Affaires Maritimes et de la Pêche, 200, Rue de la Loi - J-99 (3/44), B-1046 Bruxelles, Belgium

Tel: +34 662 027 106, E-Mail: ernestopenas@gmail.com

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

EXTERNAL EXPERT

Palma, Carlos

ICCAT Secretariat, C/ Corazón de María, 8 – 6th floor, 28002 Madrid, Spain

Tel: + 34 91 416 5600, Fax: +34 91 415 2612, E-Mail: carlos.palma@iccat.int

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

Cheatle, Jenny

Ortiz, Mauricio

Parrilla Moruno, Alberto Thais

Mayor, Carlos

Fiorellato, Fabio

Fiz, Jesús

De Andrés, Marisa

Campoy, Rebecca

Motos, Beatriz

Peyre, Christine

Peña, Esther

ICCAT INTERPRETERS

Baena Jiménez, Eva J.

Calmels, Ellie

Hof, Michelle Renée

Liberas, Christine

Linaae, Cristina

Pinzon, Aurélie