INTER-AMERICAN TROPICAL TUNA COMMISSION

## COMMITTEE ON ADMINISTRATION AND FINANCE

## 13th MEETING

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# DOCUMENT CAF-13 INF-E

## CALCULATION OF MEMBER CONTRIBUTIONS TO THE IATTC BUDGET FOR YEARS 2023, 2024, AND 2025



### 1. BACKGROUND AND PURPOSE

Resolution C-15-05 establishes the formula used to determine how much each Member contributes to the Commission's annual budget. The European Union has requested the calculation of the distribution for each Member in relation to the contribution to the approved budget for fiscal years 2023, 2024, and 2025.

This document does not propose any amendment to the formula used to calculate the distribution of the FY 2023 budget; it only documents its application to the approved budget for that year and how it was used in subsequent years.

### 2. IATTC BUDGET FOR FY 2023

Through Resolution C-22-08, the Commission adopted a budget for FY 2023 amounting to US$ 8,519,111, which included 50% of the IVL project (US$ 385,274 out of a total of US$ 770,548). The US$ 8,519,111 budget amount for FY 2023 was distributed among the 21 Members.

1. The IVL project (US$ 385,274) was excluded, as it used its own allocation rule.

   8,519,111 minus 385,274 equals 8,133,837

2. The special contribution of the United States, set outside the formula, was subtracted.

   8,133,837 minus 930,410 equals 7,203,427

3. The remaining US$ 7,203,427 was divided into four components: 10% basic, 10% operational, 70% for catch, and 10% for utilization.

## 3. REGULATORY FRAMEWORK AND DATA SOURCES

The calculation is governed by Resolution C-15-05 (Calculation of contributions to the IATTC budget). The formula distributes the contribution for Commission Members as follows: 10% of the total budget, minus any special contributions, divided equally among all Members (base contribution); the remaining 90% is distributed among the Members, weighted by their Gross National Income (GNI) category, as follows:

a. An operational component (10%)
b. Catches by flag vessels (70%)
c. Its utilization of tuna from the Convention Area (10%)

GNI categories used to allocate contributions.

| GNI Category | GNI Range (US$) |
|---|---|
| 0.5 | <1 499 |
| 1 | 1,500 – 4,499 |
| 2 | 4 500 – 6 499 |
| 3 | 6 500 – 10 999 |
| 4 | 11,000 – 15,999 |
| 5 | 160000 – 20999 |
| 5.5 | ≥ 21,000 |

### 3.1 YEAR OF INFORMATION USED

The budget for FY 2023 was calculated using the catch and utilization data corresponding to 2021, since it is the most recent information that is verified and available at the time of preparing the budget.

This is not a deficiency in the procedure, but a natural consequence of the calendar. The 2023 budget was prepared and approved during 2022; at that time, the last closed calendar year reported by the Members and validated by the Secretariat was 2021.

## 4. CALCULATION OF THE DISTRIBUTION FOR THE FY 2023 BUDGET (Annex 1)

***STEP 1 Budget approved***

Not all the budget was distributed under the same budget distribution rule. Before applying the formula, it is necessary to separate two items that are governed by their own rules.

1) The agreed IATTC budget for FY 2023, amounting to US$ 8,519,111, was reduced by 50% corresponding to the IVL project (US$ 385,274, out of a total of US$ 770,548).
2) the special contribution from the United States in the amount of US$ 930,410 leaving a total of US$ 7,203,427 to which the distribution formula will be applied pursuant to Resolution C-15-05.

***STEP 2 The 4 components of the formula***

The base amount of US$7,203,427 to be distributed was divided into the four components of the contribution established by Resolution C-15-05. Each component is prorated among the Members according to a different criterion. El Salvador will be taken as an example.

a) Basic contribution: 10% of the base amount (US$ 720,343) divided equally among all IATTC Members.

$$\frac{\text{Base amount}}{\text{No. of IATTC Members}} = \frac{720{,}343}{21} = 34{,}302$$

b) Operational contribution: 10% of the base amount (US$ 720,343) in proportion to the GNI weighting factor of each Member

| | Cat | Current Factor | World Bank 2021 GNI |
|---|---|---|---|
| SLV | | 1 | 4,140 |

$$\frac{\text{GNI Factor by IATTC Member}}{\text{Total GNI factor of the Members}} = \frac{1}{69.5} = 0.014388 \;\text{X}\; 720{,}343 = 10{,}365$$

c) Contribution per catch 70% US$ 5,042,399 in proportion to the Member's catch multiplied by its GNI factor.

$$\frac{\text{Catch} \;\text{X}\; \text{GNI Factor}}{\text{Total catch of the Members}} \;\text{X}\; \text{10\% of the base} = \text{Utilization Contribution}$$

$$18{,}825 \;\text{X}\; 1 = \frac{18{,}825}{2{,}131{,}327} = 0.00883253 \;\text{X}\; 5{,}042{,}399 = 44{,}537$$

d) Contribution for utilization 10% US$ 720,343 in proportion to the Member's utilization multiplied by its factor.

$$\frac{\text{Utilization} \;\text{X}\; \text{GNI Factor}}{\text{Total utilization of the Members}} \;\text{X}\; \text{10\% de la base} = \text{Utilization Contribution}$$

$$23{,}447 \;\text{X}\; 1 = \frac{23{,}447}{1.551.899} = 0.01510859 \;\text{X}\; 720{,}343 = 10{,}883$$

***STEP 3 Data of each Member*.**

To prorate components 2, 3, and 4, three pieces of data are needed per Member:

e) GNI factors of 1 to 5.5 assigned by Resolution C-15-05 according to the development level of each Member.

f) The average catch of each Member over the last three years in the EPO (2019-2021), and in the event that a Member is also a Member of the Western and Central Pacific Fisheries Commission (WCPFC), only 50% of the catches made by vessels flying its flag in the overlap area of the two Commissions will be included in the calculation of that Member's catch-based contribution.

g) Utilization is the tuna that Members processed or consumed in 2021 (landings plus imports minus exports). 50% of the tuna loins included in the calculation will be attributed to the Member that exported the loins and 50% to the Member that imported them.

Two important considerations regarding catch data:

- Cooperating Non-Members are excluded, as they do not participate in the distribution.
- When a Member did not report the full three years, or when several Members are grouped together, the years available are averaged.

## 5. IVL PROJECT

The IVL project (as designated in the approved budget) totaled $770,548. The authorized 2023 budget incorporates 50% of that total, that is, US$ 385,274, which is distributed differently from the general formula and is financed in two equal halves of US$ 192,637 each.

a. The first half is financed entirely by all Members, in proportion to each Member's share of the total contributions.
b. The second half is distributed only among the Members participating in the project, which are Colombia, European Union, Ecuador, Mexico, Nicaragua, Panama, Peru, El Salvador, United States, and Venezuela.

To calculate the distribution for the second half, the average of the last three available years of bigeye tuna catches is taken and a percentage is obtained for each of the Members in relation to the total catches, which is applied to the second half of the IVL project budget.

## 6. CALCULATION OF THE DISTRIBUTION FOR FY 2024 BUDGET (Annex 2)

Resolution C-23-12, Financing for FY 2024, agreed, on an exceptional basis, to apply the formula of Resolution C-15-05 to the approved budget for FY 2024 using the same reference elements used in 2023 (catch, utilization, and weighting factors).

The contribution for FY 2024 for each Member is not the one resulting from the calculated formula, but the one shown on the scale in paragraph 2 of Resolution C-23-12. The amount adopted for each Member corresponds to the lower of its frozen 2023 contribution excluding IVL and its calculated 2024 contribution.

The approved budget for FY 2024 was for an amount of $9,481,519, of which, according to the previous paragraph, US$ 8,101,033 was covered by the Members and the remaining amount US$ 1,380,486 financed by the accumulated fund.

## 7. CALCULATION OF THE DISTRIBUTION FOR THE FY 2025 BUDGET (Annex 3)

The budget for FY 2025 was approved by Resolution C-24-11; its distribution was not calculated using the formula of Resolution C-15-05, but rather it was based on the distribution in force in FY 2024, adopted in Resolution C-23-12. Based on that, two adjustments were applied.

- First, the adjustment for inflation: The 2024 basis consists of the Members' ordinary quota plus the special contribution. The 2.89% increase was applied only to the ordinary quota, not to the special contribution, which remains fixed.
- Second, the Enhanced Monitoring Program (EMP) funded through contributions: It is calculated in accordance with paragraph 5 of this document.

Annex 1.

| 2023 | Catch (t) | Utilization (t) | Weighting | Base contribution | Operational contribution (weighted) | Catch contribution (weighted) | Utilization contribution (weighted) | Special Contribution | IVL CONTRIBUTION 25% All members | 25% Partic | Total contribution |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3 yr avg | 2021 | Factor | 10% | 10% | 70% | 10% | | | | |
| BLZ | 61 | 130 | 1 | 34,302 | 10,365 | 144 | 60 | | 1,200 | | 46,071 |
| CAN | 2,492 | 2,356 | 5.5 | 34,302 | 57,006 | 32,426 | 6,015 | | 3,478 | | 133,226 |
| CHN | 20,771 | 3,096 | 4 | 34,302 | 41,459 | 196,564 | 5,748 | | 7,489 | | 285,562 |
| COL | 40,790 | 38,387 | 2 | 34,302 | 20,729 | 193,006 | 35,636 | | 7,632 | 9,216 | 300,522 |
| KOR | 9,312 | 10,131 | 5.5 | 34,302 | 57,006 | 121,169 | 25,864 | | 6,402 | | 244,743 |
| CRI | 4,167 | 17,714 | 4 | 34,302 | 41,459 | 39,434 | 32,889 | | 3,965 | | 152,049 |
| ECU | 287,345 | 294,294 | 2 | 34,302 | 20,729 | 1,359,630 | 273,204 | | 45,461 | 115,240 | 1,848,567 |
| SLV | 18,825 | 23,447 | 1 | 34,302 | 10,365 | 44,537 | 10,883 | | 2,687 | 13,876 | 116,650 |
| USA | 48,484 | 24,706 | 5.5 | 34,302 | 57,006 | 630,882 | 63,073 | 930,410 | 21,160 | 9,720 | 1,746,553 |
| FRA | 3,610 | 5,428 | 5.5 | 34,302 | 57,006 | 46,974 | 13,857 | | 4,079 | | 156,218 |
| GTM | 4 | 14,466 | 2 | 34,302 | 20,729 | 19 | 13,429 | | 1,829 | | 70,309 |
| JPN | 10,542 | 15,122 | 5.5 | 34,302 | 57,006 | 137,174 | 38,605 | | 7,173 | | 274,261 |
| KIR | - | - | 1 | 34,302 | 10,365 | 0 | 0 | | 1,194 | | 45,861 |
| MEX | 127,772 | 108,532 | 3 | 34,302 | 31,094 | 906,868 | 151,131 | | 30,263 | 2,224 | 1,155,883 |
| NIC | 17,084 | 92 | 1 | 34,302 | 10,365 | 40,418 | 43 | | 2,287 | 5,469 | 92,884 |
| PAN | 70,974 | 1,303 | 4 | 34,302 | 41,459 | 671,655 | 2,419 | | 20,233 | 30,038 | 800,106 |
| PER | 16,490 | 9,387 | 3 | 34,302 | 31,094 | 117,039 | 13,071 | | 4,012 | 153 | 199,671 |
| TCH | 10,436 | 985 | 5.5 | 34,302 | 57,006 | 135,795 | 2,515 | | 6,177 | | 235,794 |
| EUR | 17,362 | 12,495 | 5.5 | 34,302 | 57,006 | 225,917 | 31,899 | | 9,392 | 4,125 | 362,641 |
| VUT | 2,732 | - | 1 | 34,302 | 10,365 | 6,464 | 0 | | 1,369 | | 52,499 |
| VEN | 28,802 | - | 2 | 34,302 | 20,729 | 136,282 | 0 | | 5,153 | 2,575 | 199,042 |
| **Total** | **738,055** | **582,071** | **69.5** | **720,343** | **720,343** | **5,042,399** | **720,343** | **930,410** | **192,637** | **192,637** | **8,519,111** |

Annex 2.

| 2024 | Catch (t) | Utilization (t) | Weighting | Base contribution | Operational contribution (weighted) | Catch contribution (weighted) | Utilization contribution (weighted) | Special Contribution | Total ADJ contribution | Frozen Contributions | Total Adj Contributions |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3 yr avg | 2021 | Factor | 10% | 10% | 70% | 10% | | 2024 | 2023 | 2024 |
| BLZ | 79 | 54 | 1 | 36,603 | 11,060 | 204 | 26 | | 47,894 | 44,655 | 44,655 |
| CAN | 2,392 | 2,419 | 5.5 | 36,603 | 60,830 | 34,041 | 6,372 | | 137,847 | 129,124 | 129,124 |
| CHN | 20,675 | 3,035 | 4 | 36,603 | 44,240 | 213,983 | 5,815 | | 300,642 | 276,735 | 276,735 |
| COL | 42,733 | 25,430 | 2 | 36,603 | 22,120 | 221,140 | 24,360 | | 304,224 | 282,309 | 282,309 |
| KOR | 9,536 | 9,441 | 5.5 | 36,603 | 60,830 | 135,707 | 24,871 | | 258,012 | 237,194 | 237,194 |
| CRI | 4,167 | 31,632 | 4 | 36,603 | 44,240 | 43,128 | 60,603 | | 184,574 | 147,371 | 147,371 |
| ECU | 287,947 | 295,429 | 2 | 36,603 | 22,120 | 1,490,105 | 283,001 | | 1,831,830 | 1,679,744 | 1,679,744 |
| SLV | 20,638 | 19,117 | 1 | 36,603 | 11,060 | 53,400 | 9,156 | | 110,220 | 99,606 | 99,606 |
| USA | 38,137 | 17,310 | 5.5 | 36,603 | 60,830 | 542,730 | 45,600 | 1,060,790 | 1,746,553 | 1,746,553 | 1,746,553 |
| FRA | 3,272 | 2,541 | 5.5 | 36,603 | 60,830 | 46,564 | 6,694 | | 150,692 | 151,407 | 150,692 |
| GTM | 4 | 14,192 | 2 | 36,603 | 22,120 | 21 | 13,595 | | 72,339 | 68,150 | 68,150 |
| JPN | 9,295 | 11,415 | 5.5 | 36,603 | 60,830 | 132,278 | 30,071 | | 259,782 | 265,802 | 259,782 |
| KIR | - | - | 1 | 36,603 | 11,060 | 0 | 0 | | 47,664 | 44,452 | 44,452 |
| MEX | 129,483 | 136,575 | 3 | 36,603 | 33,180 | 1,005,098 | 196,244 | | 1,271,126 | 1,117,990 | 1,117,990 |
| NIC | 17,042 | - | 1 | 36,603 | 11,060 | 44,096 | 0 | | 91,759 | 84,718 | 84,718 |
| PAN | 73,988 | 3,651 | 4 | 36,603 | 44,240 | 765,765 | 6,995 | | 853,604 | 746,227 | 746,227 |
| PER | 10,878 | 9,934 | 3 | 36,603 | 33,180 | 84,439 | 14,274 | | 168,497 | 194,565 | 168,497 |
| TCH | 9,332 | 2,611 | 5.5 | 36,603 | 60,830 | 132,804 | 6,878 | | 237,116 | 228,512 | 228,512 |
| EUR | 17,920 | 12,457 | 5.5 | 36,603 | 60,830 | 255,021 | 32,816 | | 385,270 | 347,444 | 347,444 |
| VUT | 2,988 | 2,488 | 1 | 36,603 | 11,060 | 7,731 | 1,192 | | 56,587 | 50,884 | 50,884 |
| VEN | 33,325 | 117 | 2 | 36,603 | 22,120 | 172,455 | 112 | | 231,290 | 190,393 | 190,393 |
| **Total** | **733,831** | **599,848** | **69.5** | **768,673** | **768,673** | **5,380,711** | **768,673** | **1,060,790** | **8,747,519** | **8,133,837** | **8,101,033** |

Annex 3.

| | 2024 Contribution | 2024 Special Contribution | | Inflation | Budget Contribution Amount | EMP | | 2025 |
|---|---|---|---|---|---|---|---|---|
| | | | | | | 25% | 25% | Budget Contribution plus EMP |
| BLZ | $ 44,655 | | $ 44,655 | $ 1,291 | $ 45,946 | $ 942 | | $ 46,888 |
| CAN | 129,124 | | 129,124 | 3,732 | 132,856 | 1,895 | | 134,751 |
| CHN | 276,735 | | 276,735 | 7,998 | 284,733 | 3,846 | | 288,579 |
| COL | 282,309 | | 282,309 | 8,159 | 290,468 | 4,869 | 5,490 | 300,827 |
| KOR | 237,194 | | 237,194 | 6,855 | 244,049 | 2,882 | | 246,931 |
| CRI | 147,371 | | 147,371 | 4,259 | 151,630 | 2,065 | | 153,695 |
| ECU | 1,679,744 | | 1,679,744 | 48,545 | 1,728,289 | 28,176 | 56,638 | 1,813,102 |
| SLV | 99,606 | | 99,606 | 2,879 | 102,485 | 2,098 | 9,985 | 114,568 |
| USA | 685,763 | 1,060,790 | 1,746,553 | | 1,746,553 | - | | 1,746,553 |
| FRA | 150,692 | | 150,692 | 4,355 | 155,047 | 1,823 | | 156,870 |
| GTM | 68,150 | | 68,150 | 1,970 | 70,120 | 896 | | 71,015 |
| JPN | 259,783 | | 259,783 | 7,508 | 267,291 | 2,783 | | 270,074 |
| KIR | 44,452 | | 44,452 | 1,285 | 45,737 | 653 | | 46,390 |
| MEX | 1,117,990 | | 1,117,990 | 32,310 | 1,150,300 | 19,144 | 1,456 | 1,170,899 |
| NIC | 84,718 | | 84,718 | 2,448 | 87,166 | 1,142 | 3,896 | 92,204 |
| PAN | 746,227 | | 746,227 | 21,566 | 767,793 | 13,076 | 13,977 | 794,846 |
| PER | 168,497 | | 168,497 | 4,870 | 173,367 | 2,788 | 2,640 | 178,794 |
| TCH | 228,512 | | 228,512 | 6,604 | 235,116 | 2,741 | | 237,857 |
| EUR | 347,444 | | 347,444 | 10,041 | 357,485 | 4,483 | 5,705 | 367,673 |
| VUT | 50,884 | | 50,884 | 1,471 | 52,355 | 732 | | 53,086 |
| VEN | 190,393 | | 190,393 | 5,502 | 195,895 | 2,968 | 213 | 199,077 |
| Total | 7,040,243 | 1,060,790 | 8,101,033 | 183,644 | 8,284,677 | 100,000 | 100,000 | $ 8,484,677 |