



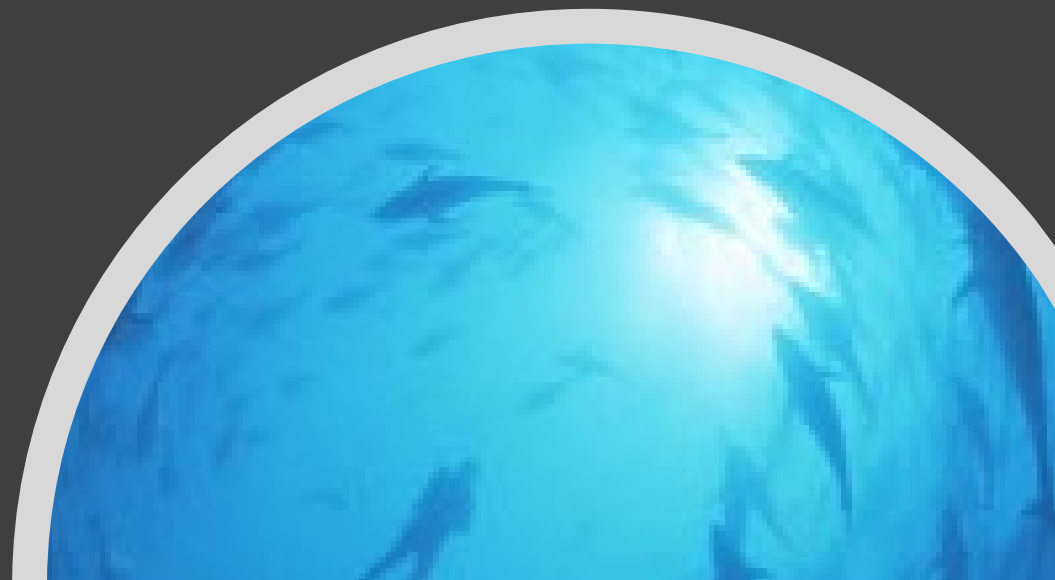
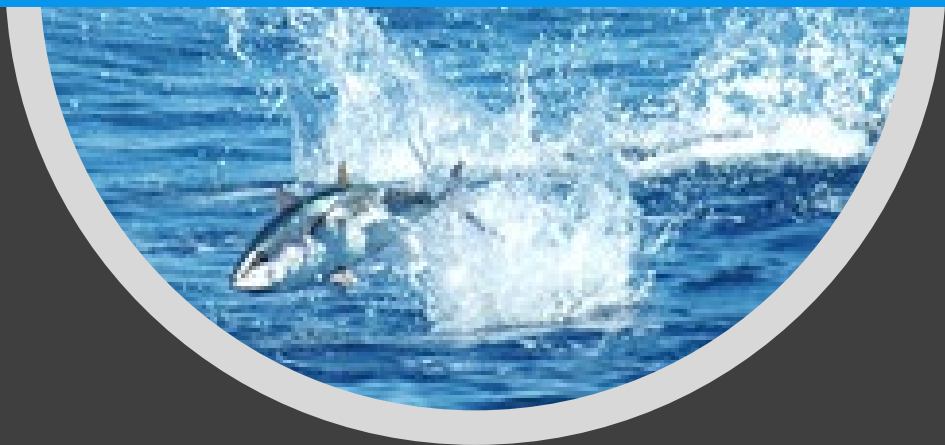
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Southern Temperate Tunas



2023 ICCAT Panel 3

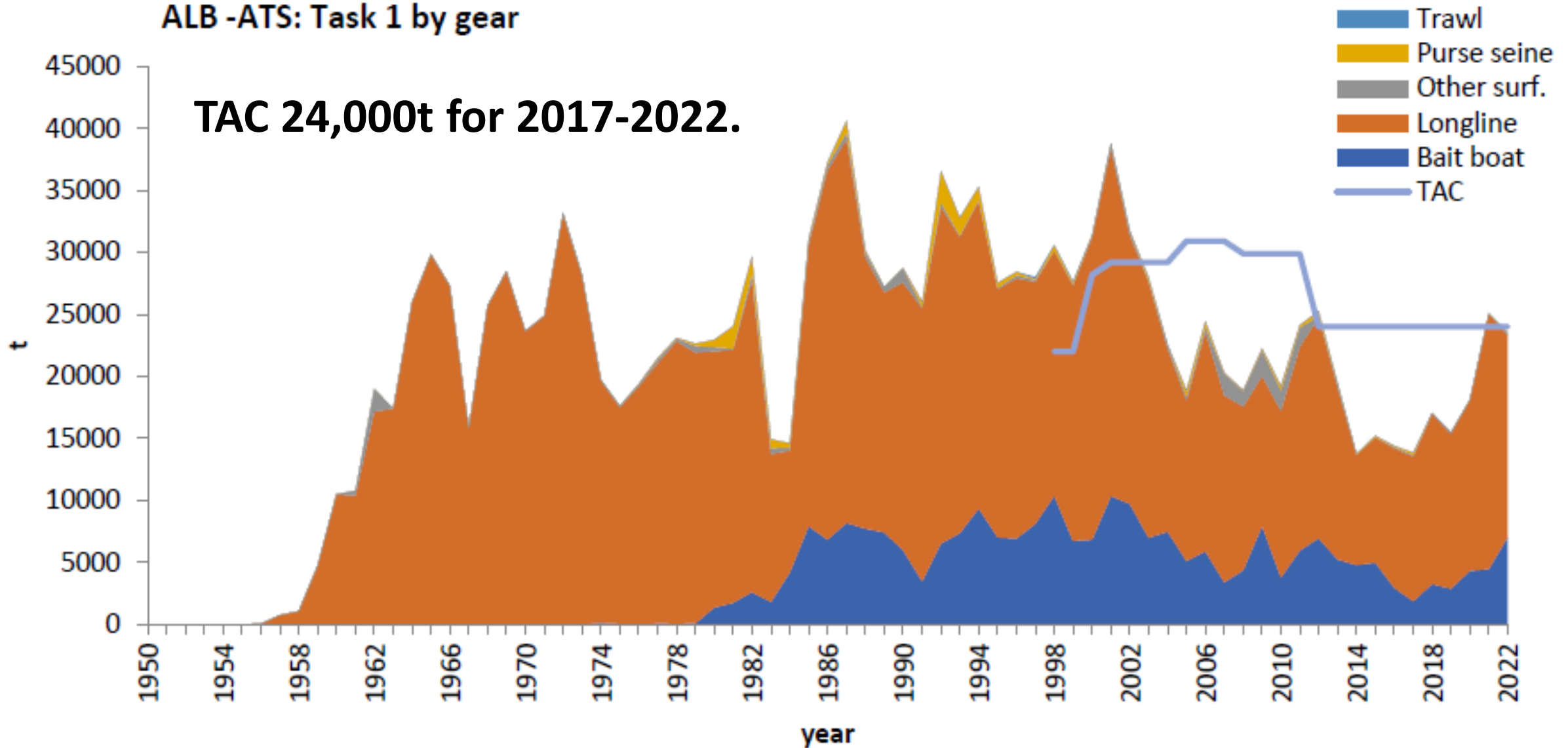
South Atlantic Albacore
and
Southern Bluefin Tuna





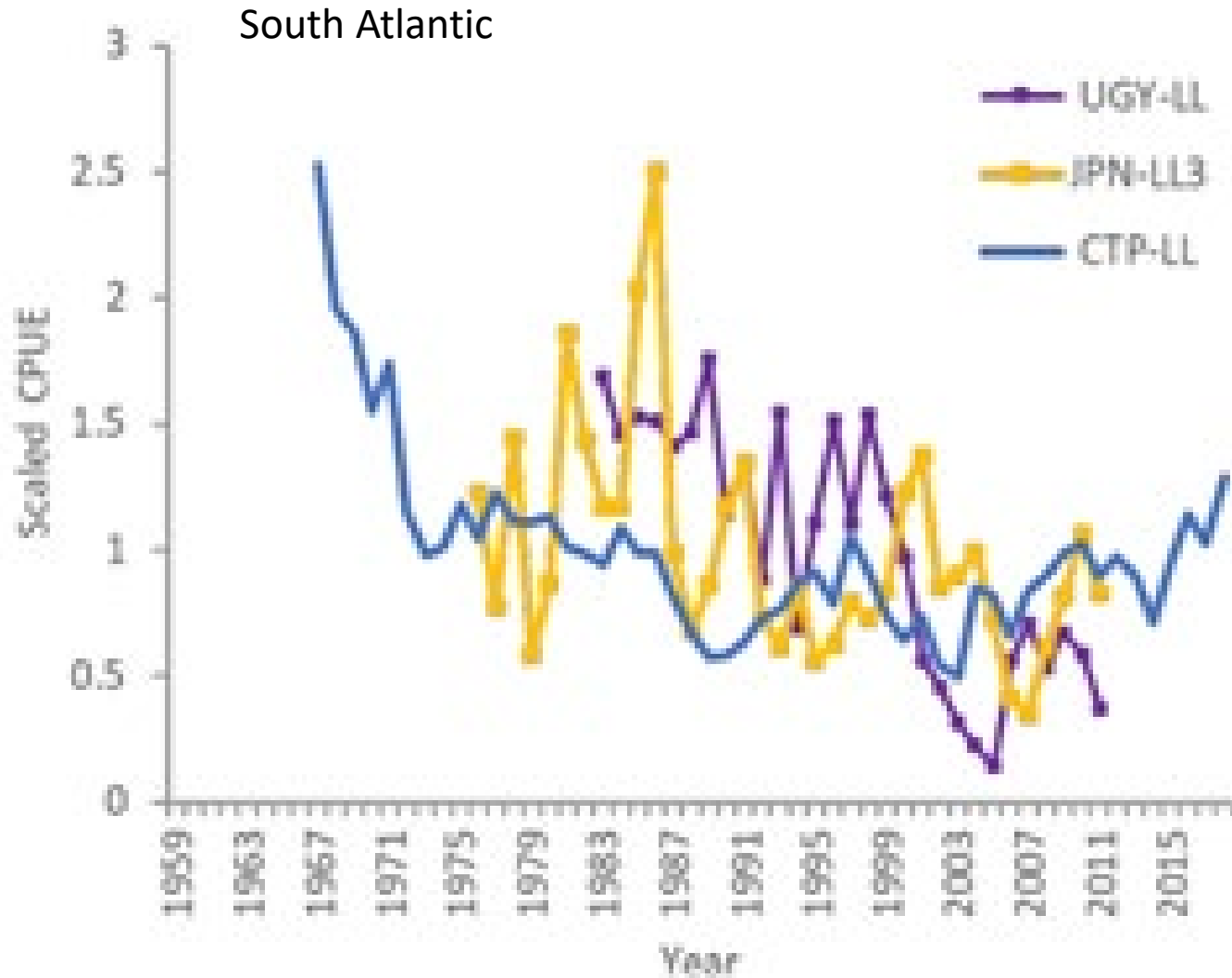
ALB -ATS: Task 1 by gear

TAC 24,000t for 2017-2022.





South Atlantic Albacore



- Last assessment 2020 with data up to 2018.
- Fishery indicators:
 - 3 standardized CPUE indices updated to the most recent data available.



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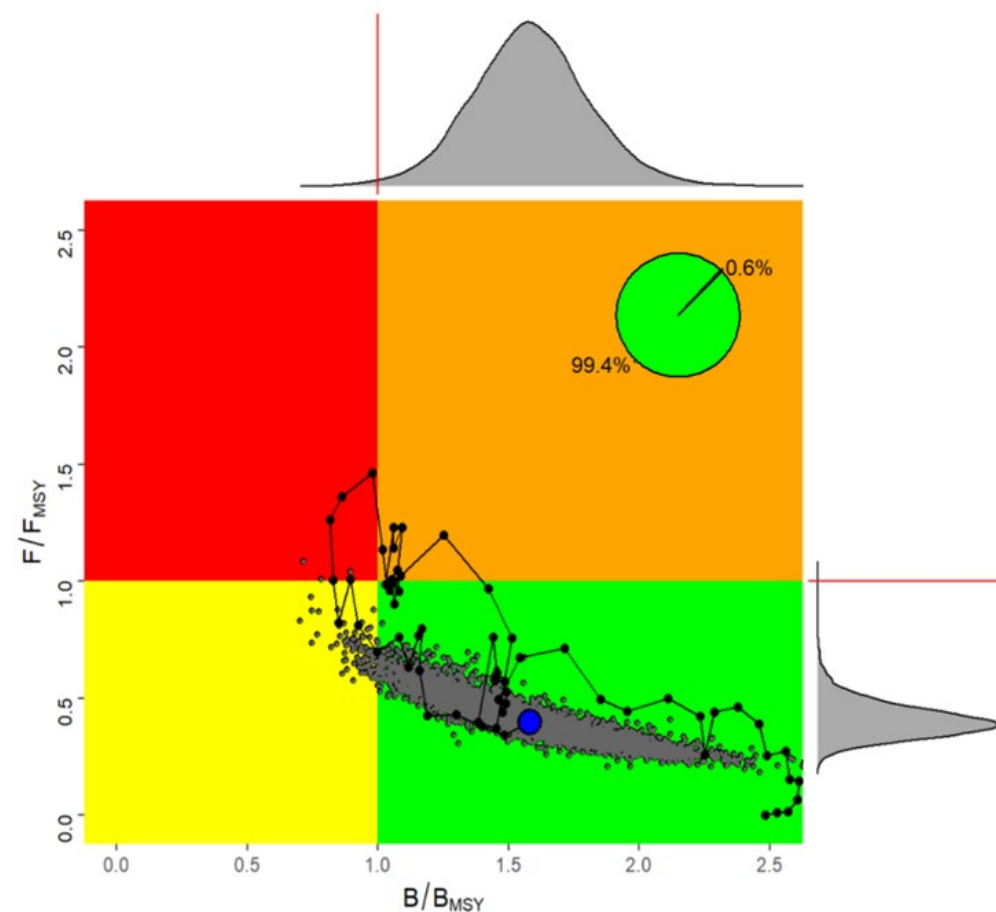
South Atlantic Albacore Stock status:



	South Atlantic
Maximum Sustainable Yield	27,264 t (23,734 - 31,567) ²
Current (2019) Yield	15,640 t
Yield in last year of assessment (2018)	17,098 t
Yield in last year of assessment (2015)	
B _{MSY}	124,453 t (79,611-223,424) ²
F _{MSY}	0.219 (0.116-0.356) ²
B ₂₀₁₉ ³	
B _{current} /B _{MSY}	1.58 (1.14 - 2.05) ⁵
B ₂₀₁₉ /B _{LIM} ⁷	
F _{current} /F _{MSY}	0.40 (0.28 - 0.59) ⁹
Stock Status	Overfished: NO Overfishing: NO
Management measures in effect:	Rec. 16-07: TAC of 24,000 t for 2017-2020

The South Atlantic albacore stock is **not overfished** and **overfishing is not occurring**

South Atlantic albacore Kobe plot with Stock status trajectories of B/B_{MSY} and F/F_{MSY} over time (1956-2018).





Outlook and Management Recommendations

Catches consistent with current TAC (24,000 t) showed a 98% probability of being in the green quadrant of the Kobe plot by 2033.

Projections at a level consistent with MSY (27,264 t) showed that probabilities of being in the green quadrant of the Kobe plot would remain very high (90%) by 2033.

Note: Rec. 22-06 set TAC at 28,000 t for 2023-2026

(c) Probability of green status ($B > B_{MSY}$ and $F < F_{MSY}$).

TAC Year	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
16000	100	100	100	100	100	100	100	100	100	100	100	100	100
18000	100	100	100	100	100	100	100	100	100	100	100	100	100
20000	100	100	100	100	100	100	100	100	100	100	100	100	100
21000	100	100	100	99	99	99	99	99	99	99	99	99	99
22000	100	100	100	99	99	99	99	99	99	99	99	99	99
23000	100	100	99	99	99	99	99	99	99	99	99	98	98
24000	100	99	99	99	99	99	99	98	98	98	98	98	98
25000	100	99	99	99	99	98	98	98	98	97	97	97	96
26000	99	99	99	98	98	98	97	97	96	96	95	94	94
27000	99	99	98	98	97	97	96	95	94	93	92	91	90
28000	99	98	98	97	96	95	93	92	90	89	87	85	83
29000	99	98	97	96	94	93	90	88	85	82	79	77	74
30000	98	97	96	94	91	89	85	81	78	73	69	65	61
32000	97	95	92	88	82	76	69	62	56	49	44	39	35
34000	95	91	85	77	67	57	48	40	32	27	22	19	16



Work Plan

South Atlantic ALB Stock Proposed Work Plan

Research:

The Committee reiterated the need to continue research activities within the ALBYP. Consistent with the North Atlantic Albacore Workplan, the priority for 2024 is to continue the reproductive biology and electronic tagging studies. In addition, the group will conduct a review of the studies documenting climate effects on albacore populations.

Deadline: 1 week before the Species Group meeting.

Deliverable: SCRS documents.

Responsibility: Brazil, with the support of partner countries South Africa, Uruguay, Chinese Taipei and Namibia.



South Atlantic: (combined with North)

The Committee recommends continued funding of the Albacore Research Programme for North and South Atlantic stocks, as well as to start funding the research for the Mediterranean stock. Of high priority is the continuation of electronic tagging and reproductive biology studies (with associated aging of samples) in the North and South Atlantic, and to progress on the North Atlantic albacore MSE.

Albacore	2024	2025
Tagging, rewards and awareness	45,000	45,000
Biological studies:		
Reproduction	25,000	25,000
Age and growth	10,000	10,000
Genetic		
Other		
Sample collection and shipping	6,500	6,500
MSE		
Progress of the N-ALB MSE	30,000	30,000
TOTAL	€116,500	€116,500



Southern Bluefin Tuna

- The Commission for the Conservation of Southern Bluefin Tuna (CCSBT) is charged with assessing the status of southern bluefin tuna. Each year the SCRS reviews the CCSBT report in order to remain up to date on southern bluefin tuna research and the stock assessments carried out. The reports are available from the CCSBT.

CCSBT: <https://www.ccsbt.org/en>

Information on the latest stock stock assessment:

<https://www.ccsbt.org/en/content/latest-stock-assessment>