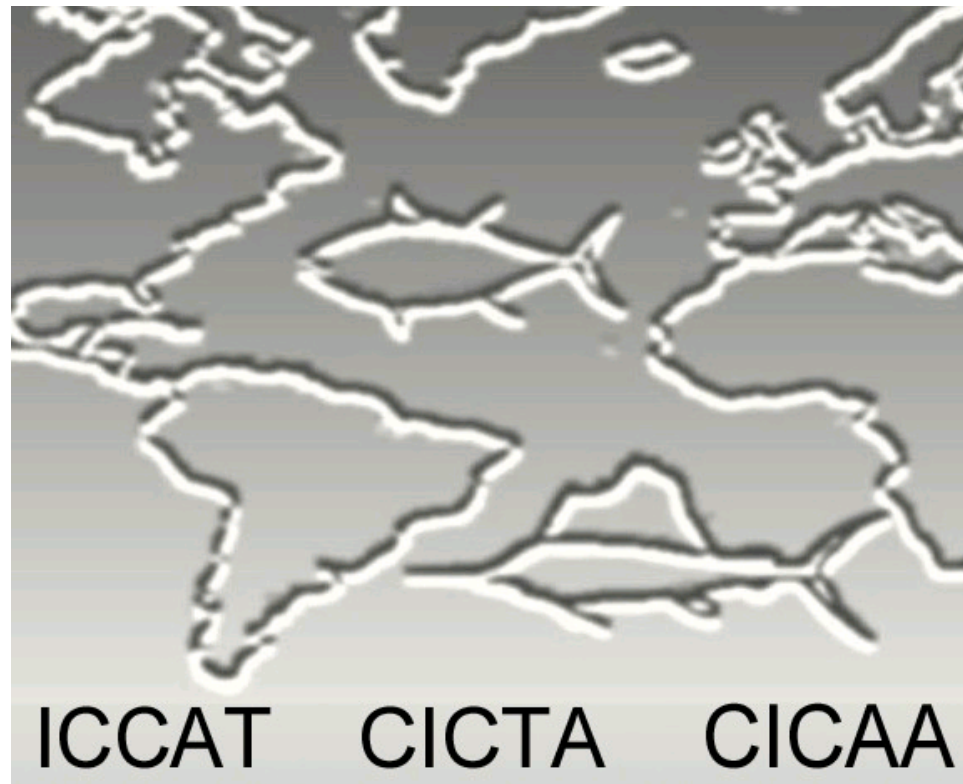


ICCAT

International Commission for the Conservation of Atlantic Tunas
Commission Internationale pour la Conservation des Thonides de l'Atlantique
Comisión Internacional para la Conservación del Atún Atlántico



Outline

- **Basic Information about ICCAT**
- **Stock Status**
- **Conservation and Management Measures**
- **Challenges ICCAT is Facing**

1. Basic Information

- **International Convention for the Conservation of Atlantic Tunas:**

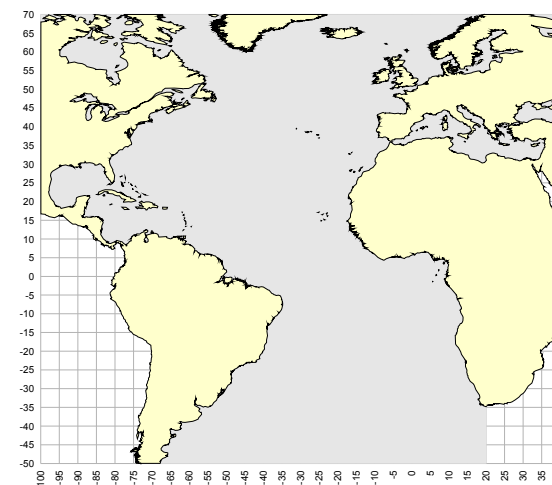
- Signed in Rio de Janeiro, 1966
- Entered into force in 1969
- Amended in 1984 and 1992

- **Objective:**

Maintain populations at levels which will permit the maximum sustainable catch for food and other purposes.

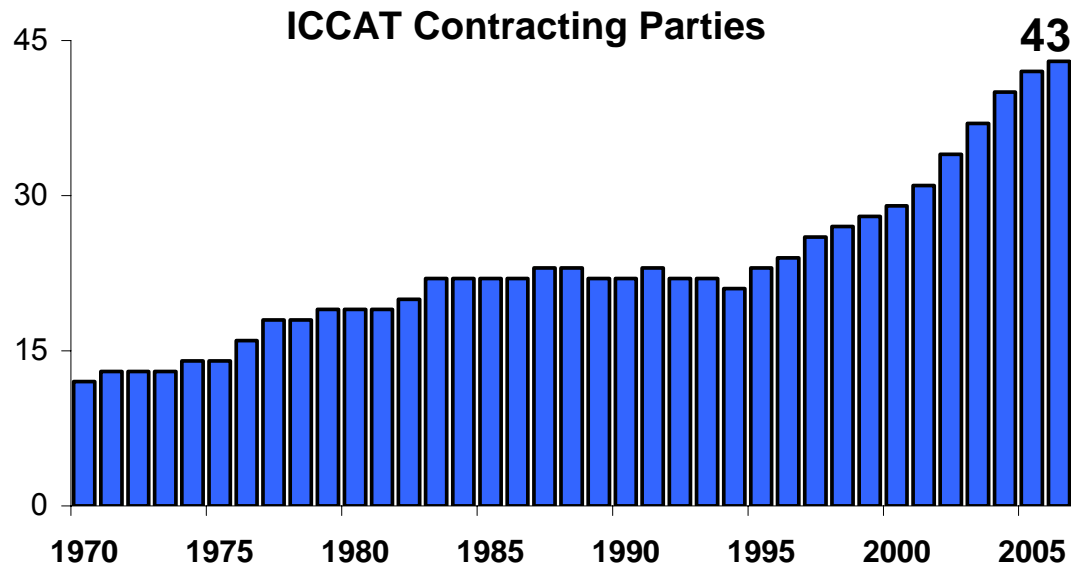
- **Competence:**

- Tuna and tuna-like species (30+)
- Atlantic Ocean and adjacent seas



1. Basic Information

- **Membership (43)**



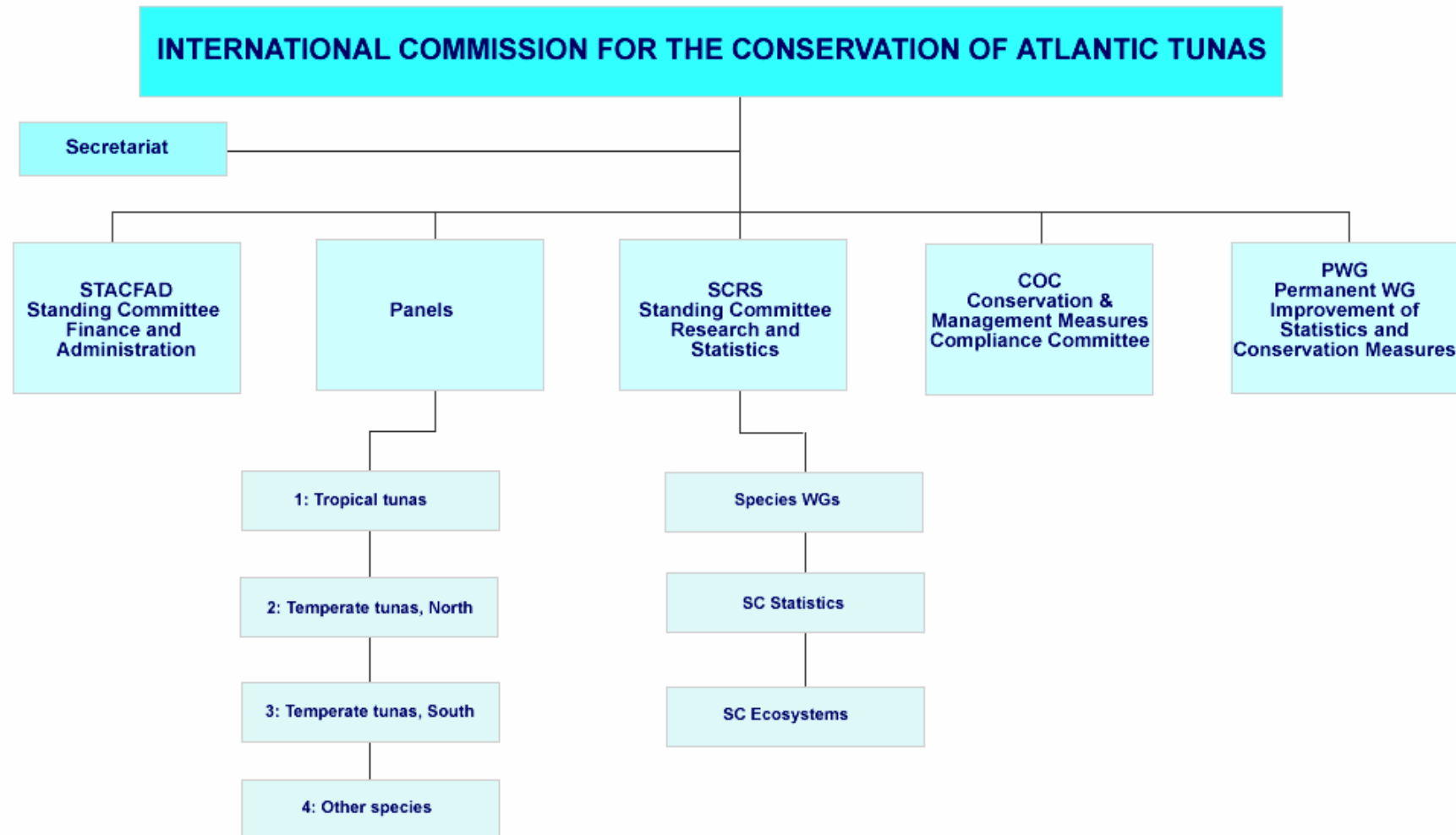
Algérie, Angola, Barbados, Belize, Brazil, Canada, Cap-Vert, China, P.R., Communauté Européenne, Côte d'Ivoire, Croatia, France (St. P.&M.), Gabon, Ghana, Guatemala, Guinea Ecuatorial, Guinea Rep., Honduras, Iceland, Japan, Korea, Rep., Libya, Maroc, Mexico, Namibia, Nicaragua, Norway, Panama, Philippines, Russia, São Tomé e Príncipe, Senegal, South Africa, St. Vincent & Grenadines, Syria, Trinidad & Tobago, Tunisia, Turkey, United Kingdom (O.T.), United States, Uruguay, Vanuatu, Venezuela

- **Cooperators (2)**

Chinese Taipei, Guyana

1. Basic Information

Organigram



1. Basic Information



Commission Chairman: Dr. William Hogarth (U.S.A.)

First Vice Chair: E.J. Spencer (European Community)

Second Vice Chair: F-O. Mbo Nchama (Equatorial Guinea)

- PANELS

- PANEL 1 (Tropical tunas)
- PANEL 2 (Northern temperate species)
- PANEL 3 (Southern temperate species)
- PANEL 4 (Swordfish, billfish and other species)

- **Compliance Committee** (Contracting Parties)

- **Permanent WG** (non-Contracting Parties)

- **Standing Committee on Finance and Administration**

- **Standing Committee on Research and Statistics**

1. Basic Information

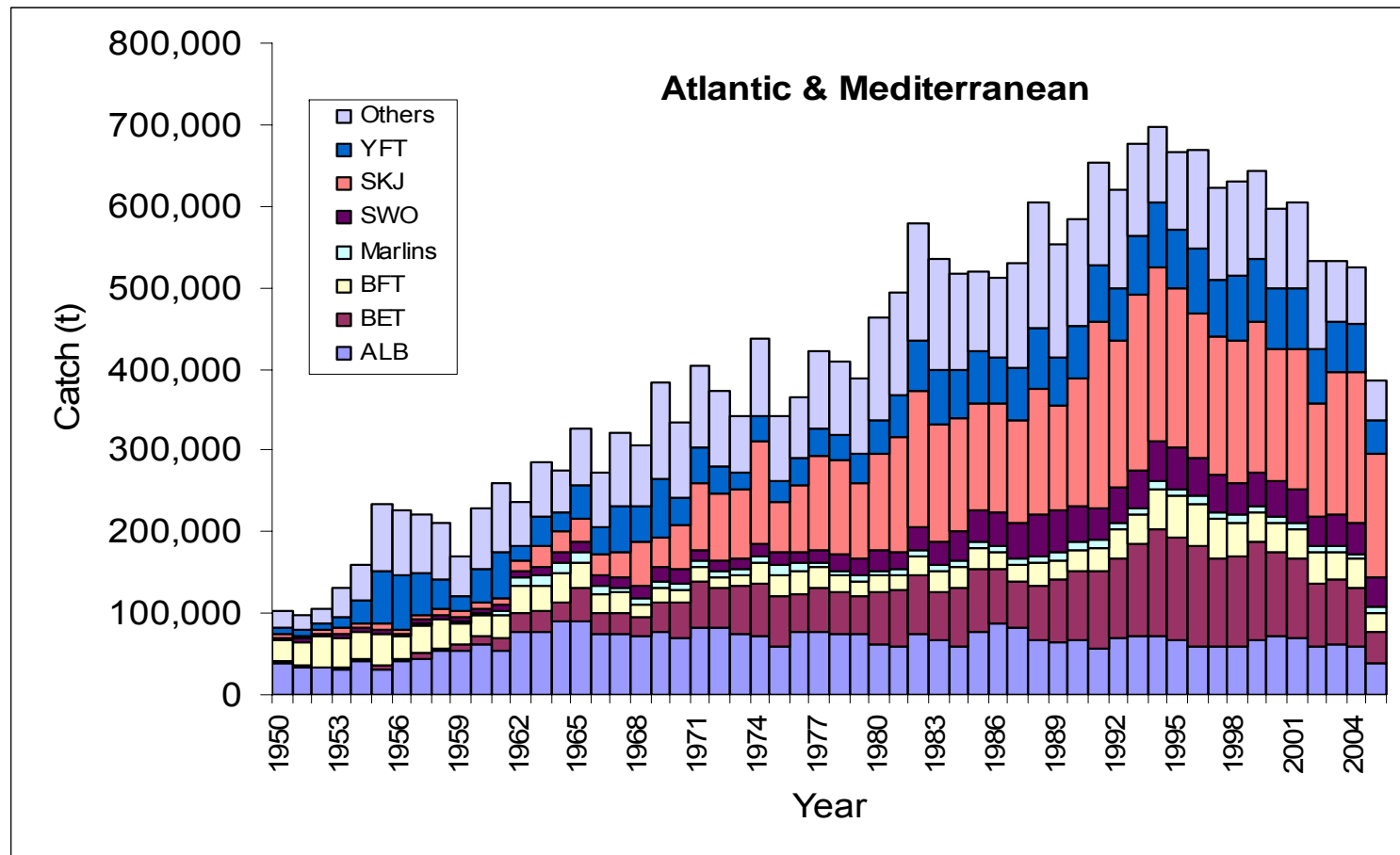
- **Secretariat** (23 staff)
 - Executive Secretary: Driss Meski
 - Assistant Executive Secretary
 - TRANSLATION AND PUBLICATIONS DEPARTMENT (7 STAFF)
 - ADMINISTRATION AND FINANCE DEPARTMENT (6 STAFF)
 - STATISTICS DEPARTMENT (5 STAFF)
 - COMPLIANCE DEPARTMENT (1 STAFF)
 - SCRS COORDINATION AND RESEARCH (ad hoc)
 - Data Improvement Project (2 staff)



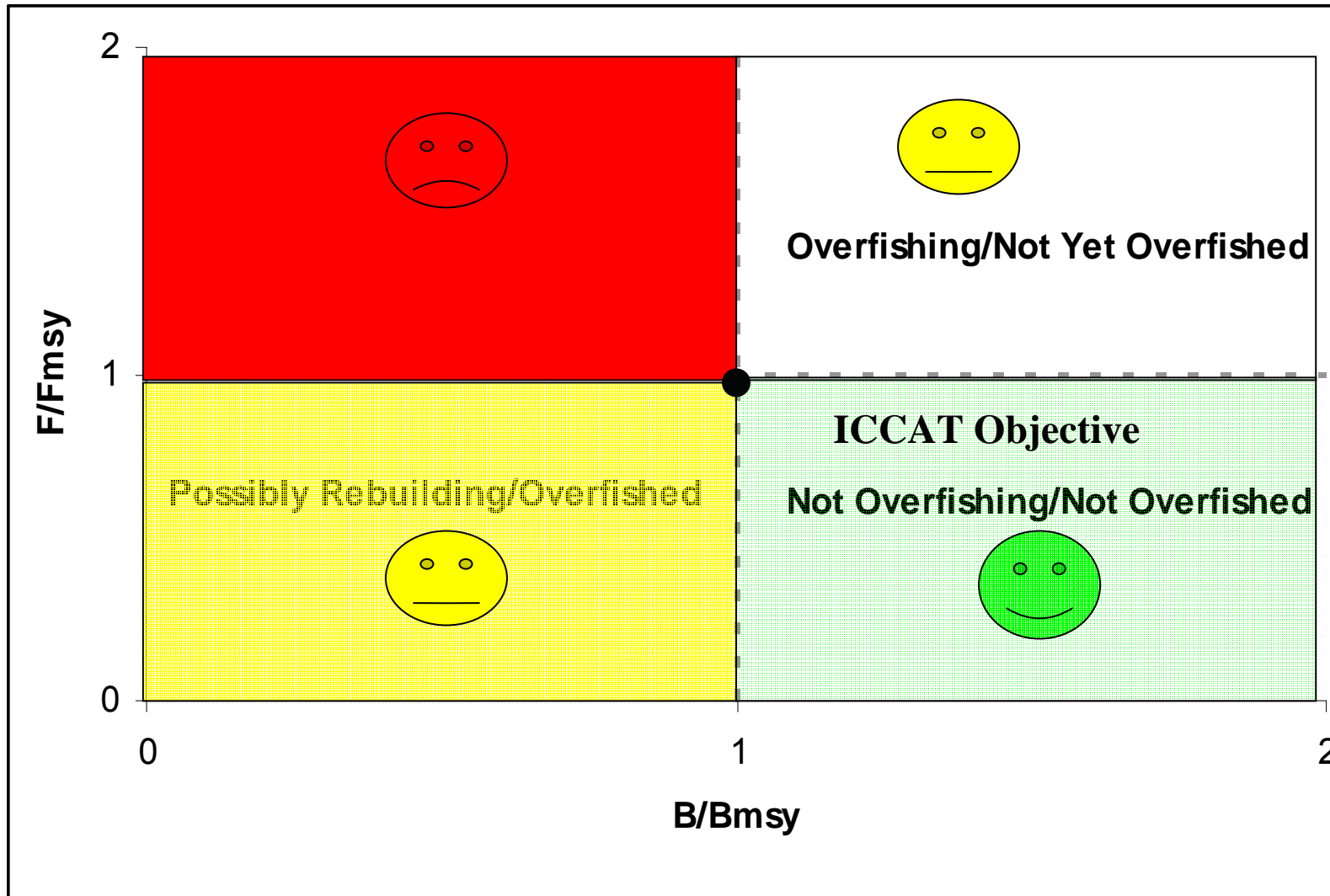
Headquarters: Madrid, Spain

2. Stock Status Evaluations by SCRS

- **Transparency:** emphasized through participation & access; each member country may be represented; web site distribution of data, software, results & consensus advice.



Stock Status Classifications



BET

Last Assessed: 2004, Next Assessment: 2007

ATLANTIC BIGEYE TUNA SUMMARY

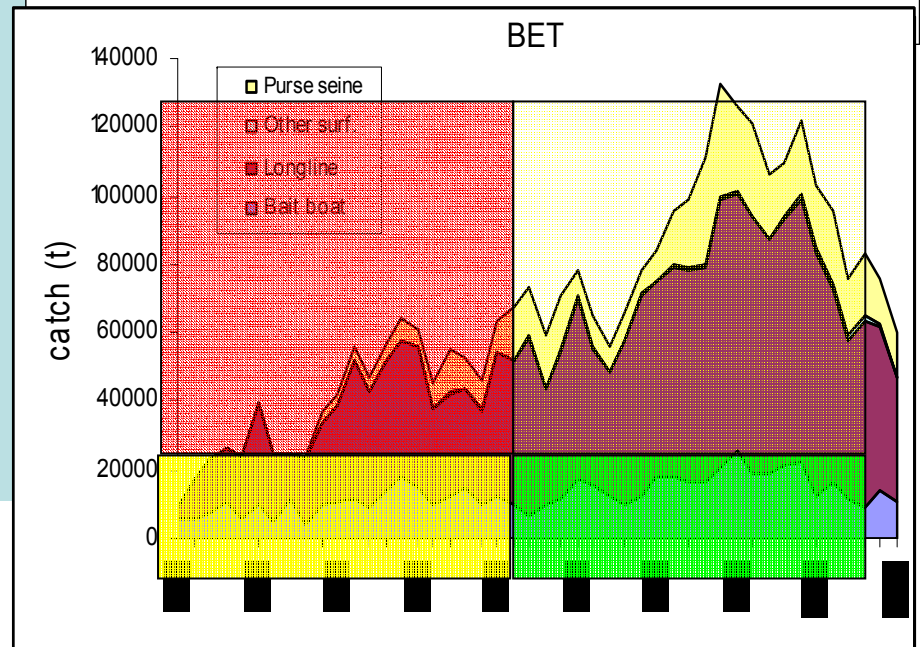
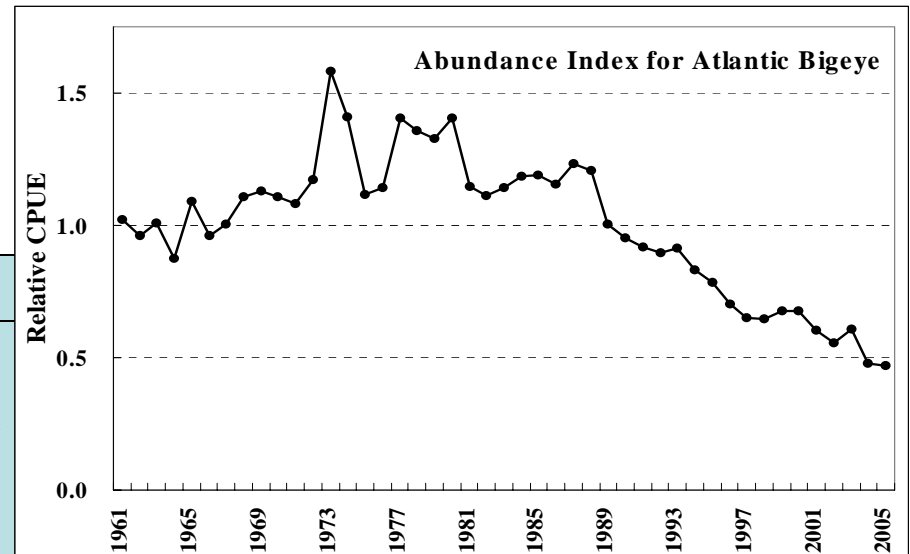
MSY(likely range) 93,000 t - 114,000 t

Current (2005) Yield 60,000 t

Replacement Yield
(2003) 89,000 - 103,000 t

Relative Biomass
(B_{2003}/B_{MSY}) 0.85 - 1.07

F_{2002}/F_{MSY} 0.73-1.01



B/B_{msy}

YFT

Last Assessed: 2003, Next Assessment: 2008

ATLANTIC YELLOWFIN TUNA

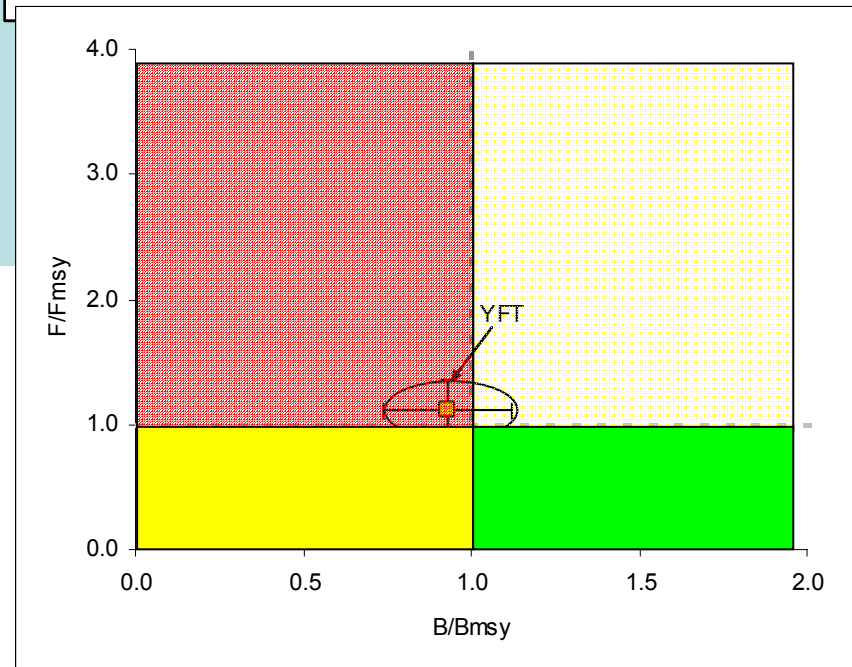
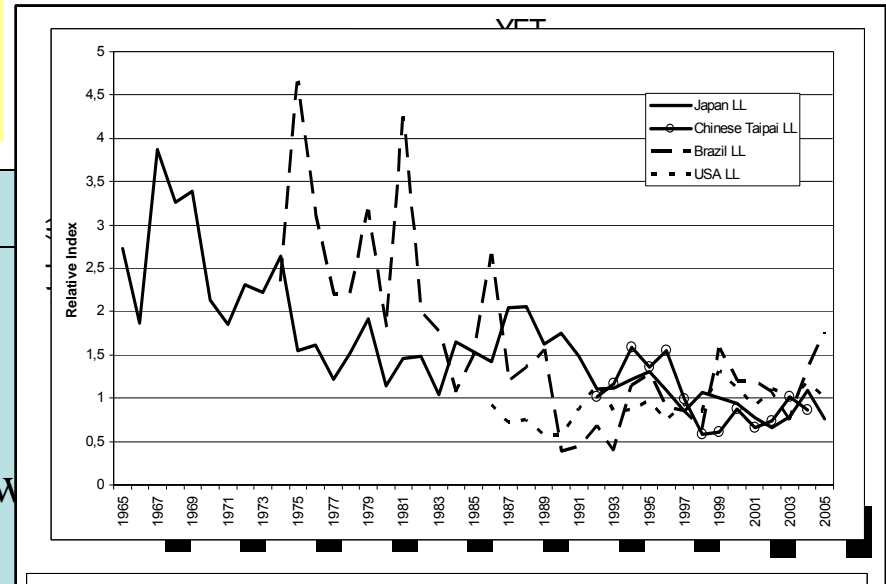
MSY ~ 148,000 t

Current Yield (2005) 108,143 t

Replacement Yield (2001) May be somewhat below 2001 yield

B_{2001}/B_{MSY}^3 0.73 - 1.10

F_{2001}/F_{MSY}^3 1.13 (0.94 to 1.38)

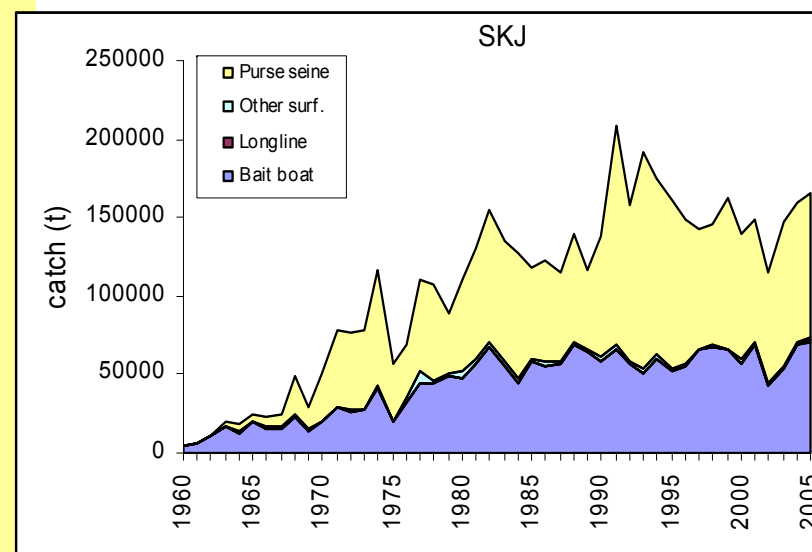


SKJ

Last Assessed: 1999, Next Assessment: TBD

ATLANTIC SKIPJACK TUNA SUMMARY

	East Atlantic	West Atlantic
Maximum Sustainable Yield	Not estimated	Not estimated
Current (2005) Yield	138,218 t	28,028 t
Current Replacement Yield	Not estimated	Not estimated
Relative Biomass (B_{2005}/B_{MSY})	Not estimated	Not estimated
Relative Fishing Mortality: F_{2005}/F_{MSY}	Not estimated	Not estimated
Management measures in effect	None	None



Last Assessed: 2000, Next Assessment: 2007

N ATLANTIC ALBACORE SUMMARY

North Atlantic¹

Current (2005) Yield 34,624 t^{5,6}
MSY 32,600 t (32,400-33,10
Replacement Yield Not estimated
(2004)

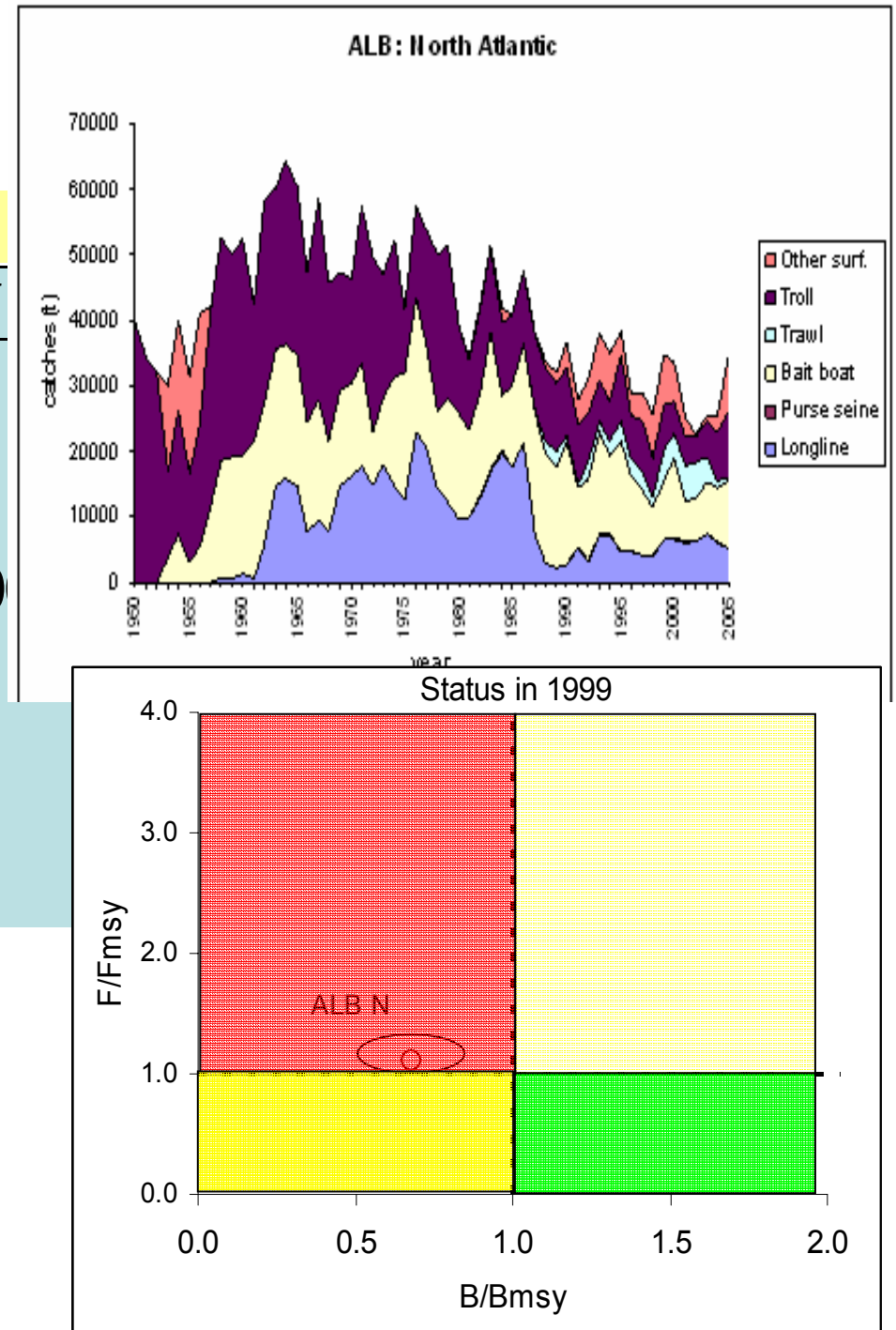
$B_{\text{current}}/B_{\text{MSY}}$

0.68 (0.52-0.86)

$F_{\text{current}}/F_{\text{MSY}}$

1.10 (0.99 - 1.30)

ALB N



Last Assessed: 2003, Next Assessment: 2007

SOUTH ATLANTIC ALBACORE SUMMARY

Current (2005) Yield	17,928 t
MSY	30,915 t (26,333-30,915)
Replacement Yield	29,256 t (24,530-32,277)

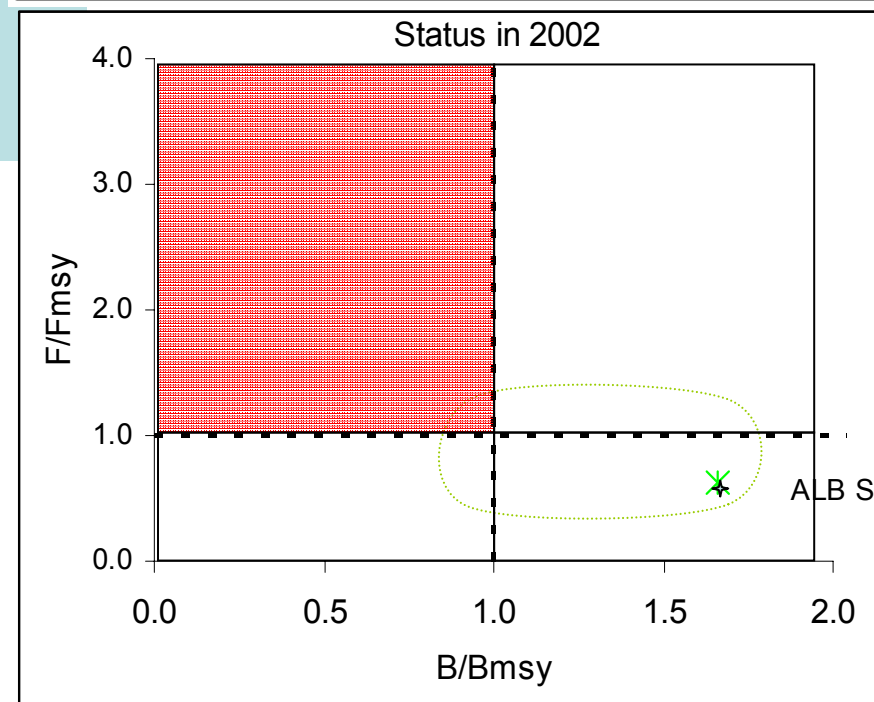
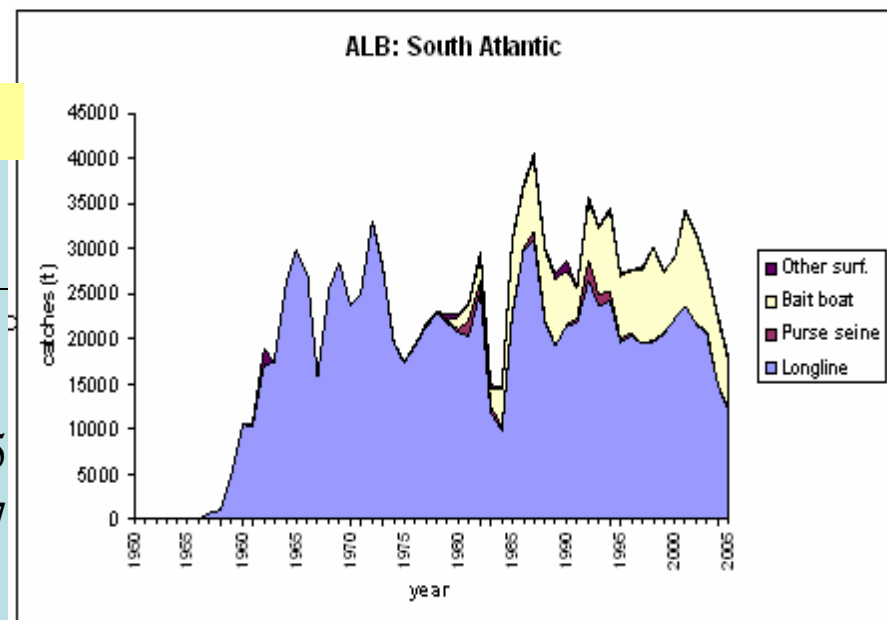
$B_{\text{current}}/B_{\text{MSY}}$

1.66 (0.74-1.81)

$F_{\text{current}}/F_{\text{MSY}}$

0.62 (0.46-1.48)

ALB S

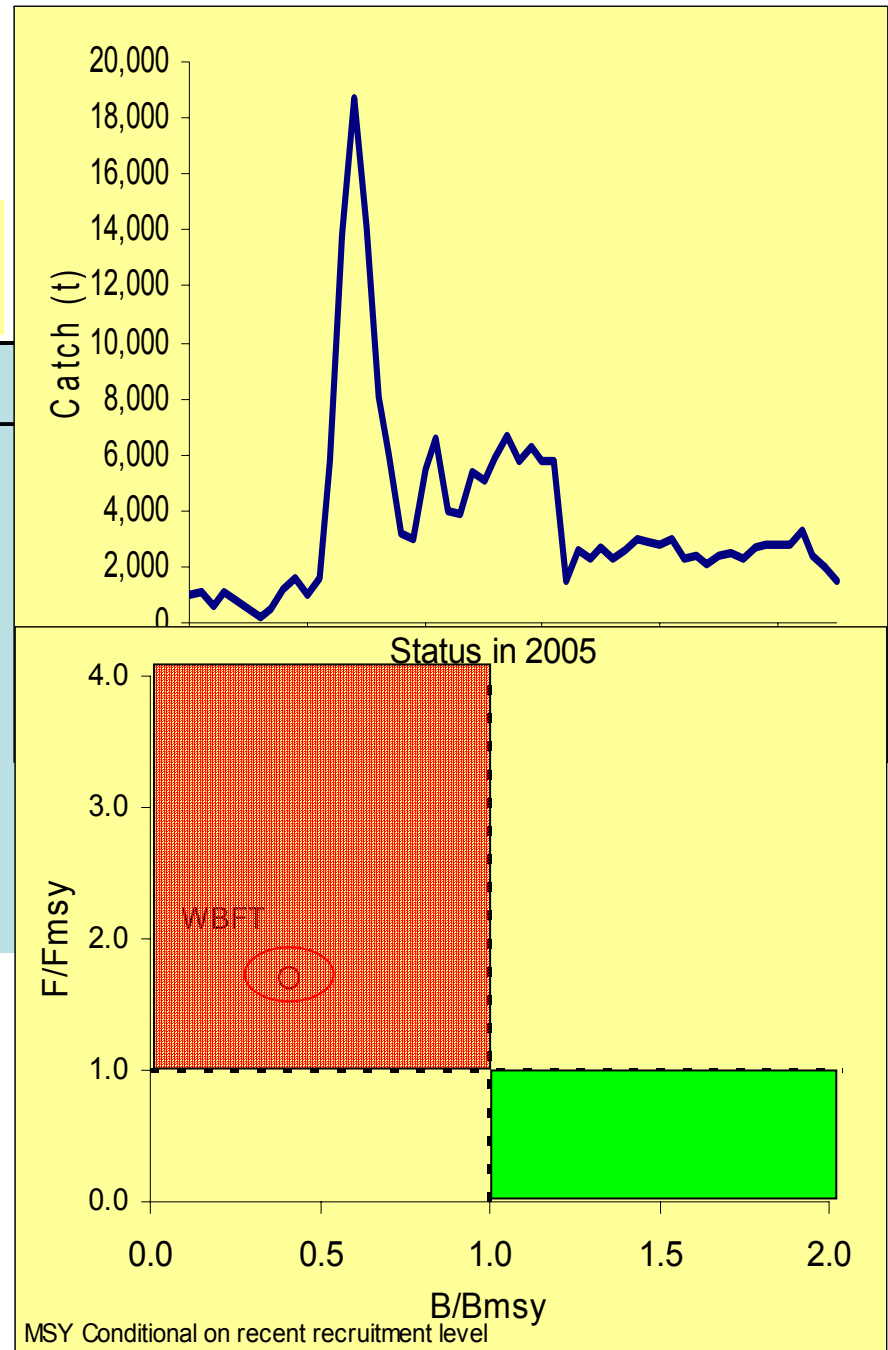


Latest Assessment: 2006, Next Assessment 2008

Western Atlantic Bluefin Tuna Summary

Current Catch (2005)	~1,800 t
Short-term Sustainable Catch	~2,300 t
MSY R	3,200 (3,000-3,400)
SSB_{2004}/SSB_{1975}	0.18
$SSB_{2004}/SSB_{MSY R}$	0.41(0.29-0.54)
$F_{2004}/F_{MSY R}$	1.7

BFT W

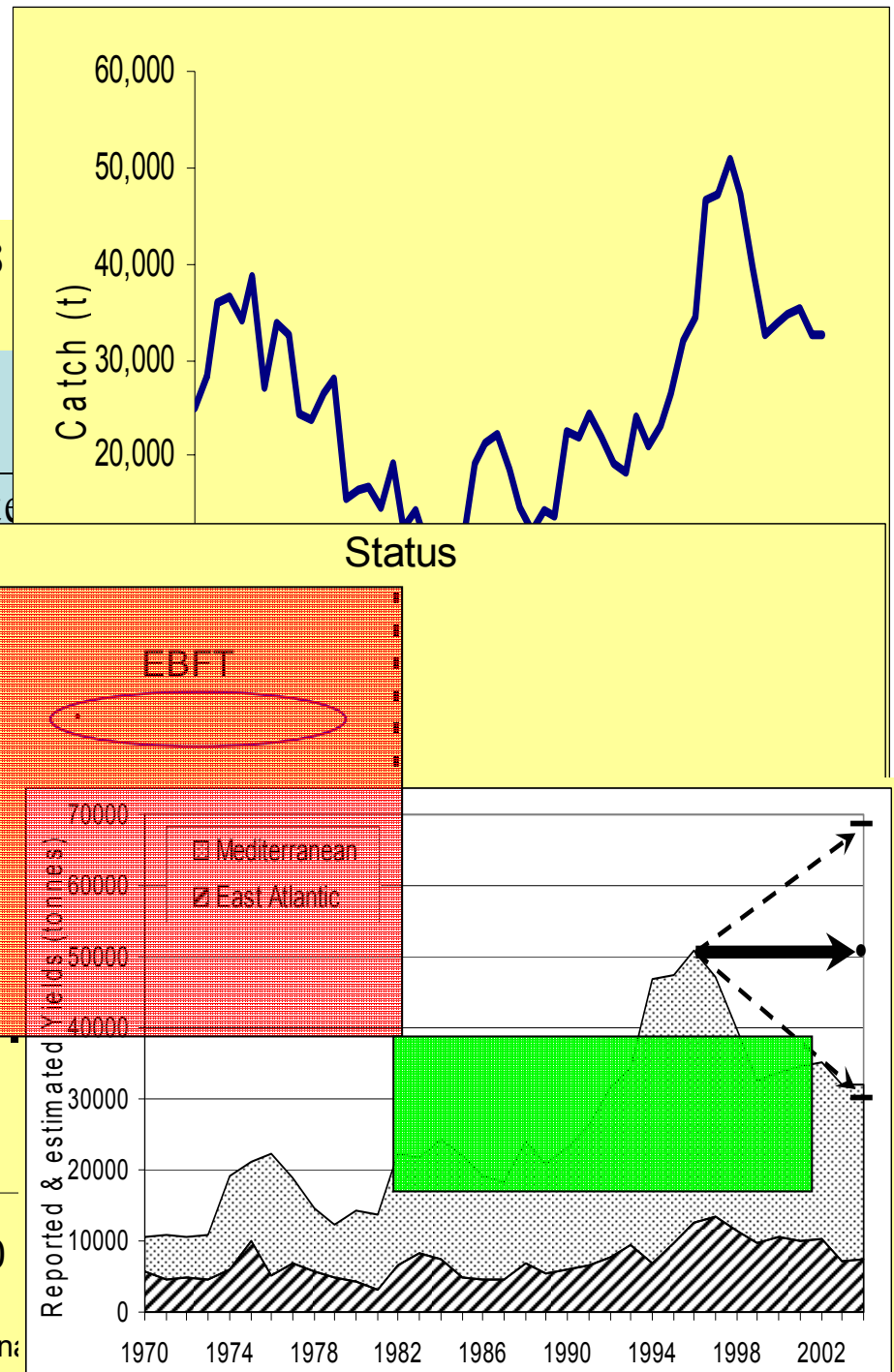


Latest Assessment: 2006, Next Assessment 2008

EAST ATLANTIC AND MEDITERRANEAN BLUEFIN TUNA SUMMARY

Current (2004)	Reported:	SCRS Estimate
Yield	32,567 t	
Short-term Sustainable Yield ¹	On the order of 15,000 t	
Long-term potential yield ²	~ 45,000 t or more	
$SSB_{2000-2004}/SSB_{1970-74}$	0.48	
F_{2004}/F_{max}	3.1	
TAC (annually, 2003-2006)	32,000 t	

BFT E

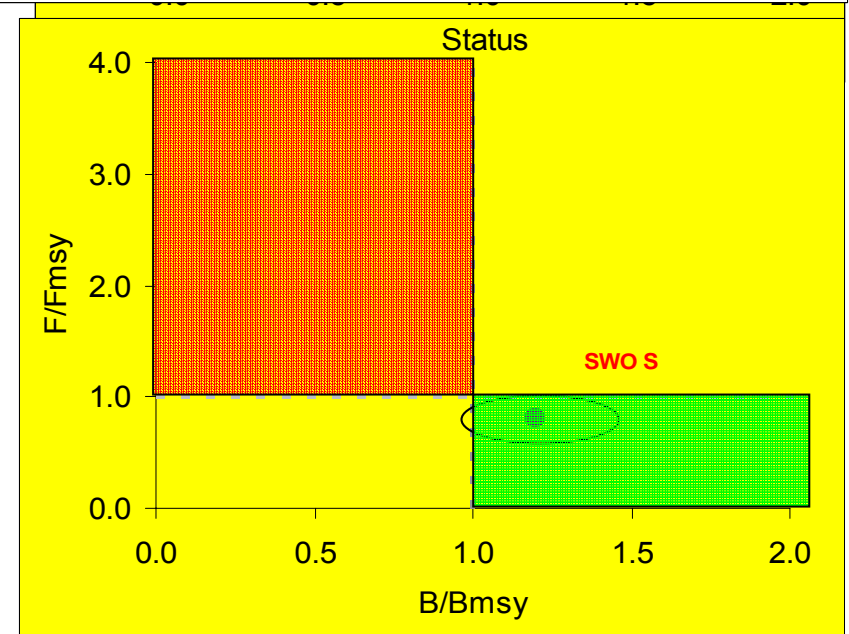
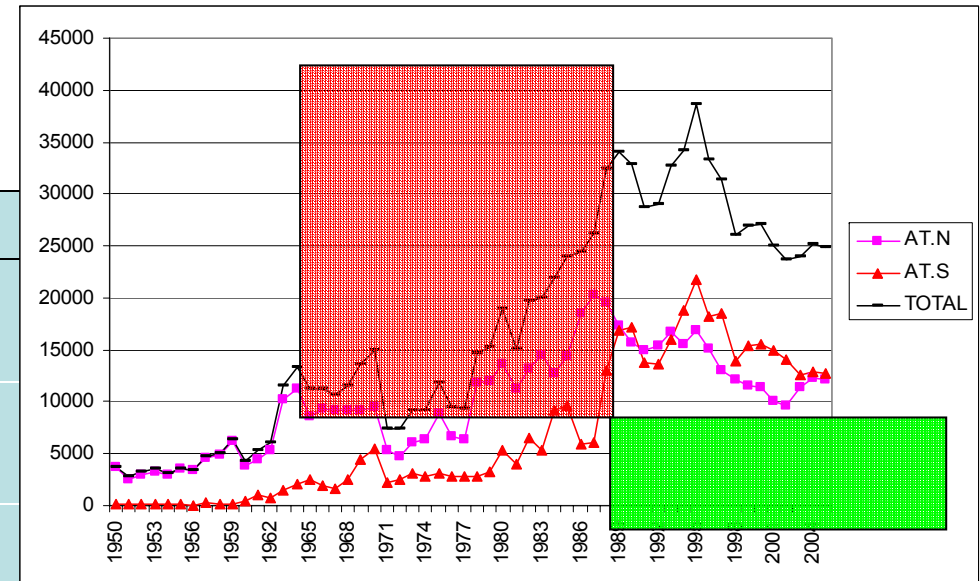


SWO

**Last Assesment: 2006, Next
Assessment: 2009**

ATLANTIC SWORDFISH SUMMARY

	North Atlantic	South Atlantic
MSY	14,133 t (12,800-14,790) ³	~ 17,000t ⁵
Current (2005) Yield	12,143 t	12,687 t
Replacement Yield	14,438 t	Not estimated
B_{2006}/B_{MSY}	0.99 (0.87 - 1.27) ⁴	Likely > 1
F_{2005}/F_{MSY}	0.86 (0.65 - 1.04) ⁴	Likely < 1

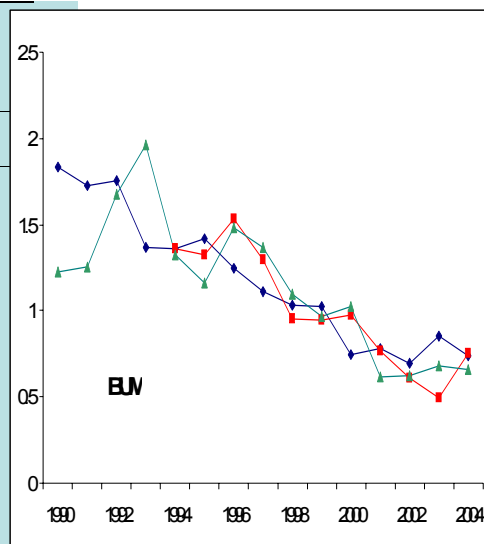


Last Assessment: 2006, Next Assessment: 2010

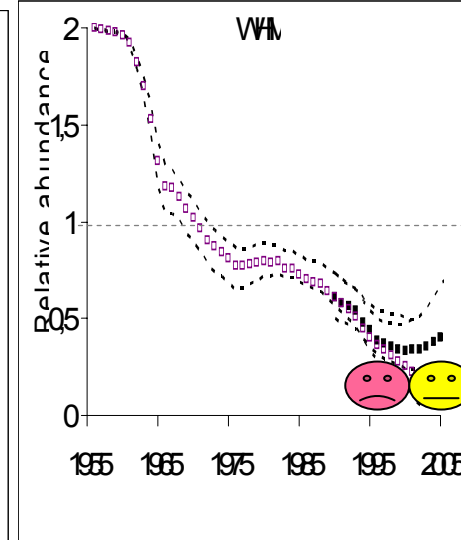
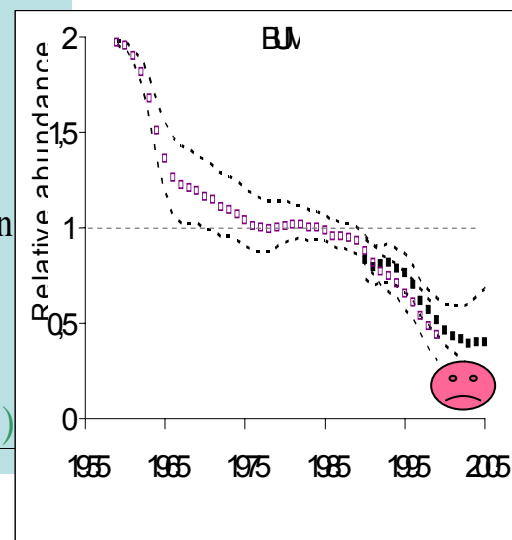
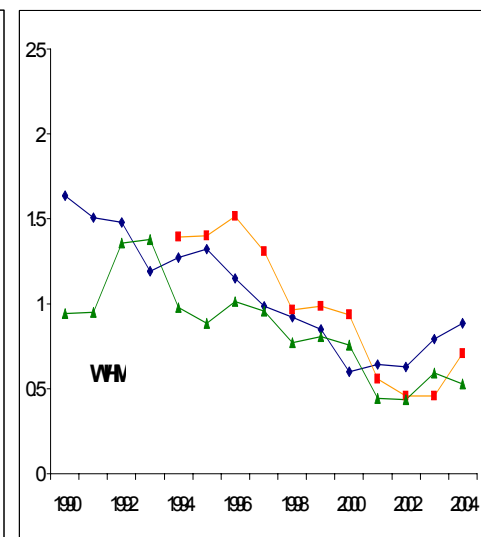
ATLANTIC BLUE MARLIN AND WHITE MARLIN SUMMARY

	White marlin	Blue marlin
$B_{2004} < B_{MSY}$	Yes	Yes
Abundance trend (2001-2004)	slightly upward	possibly stabilizing
$F_{2004} < F_{replacement}$	Yes	Possibly
$F_{2004} > F_{msy}$	Possibly	Yes
$Catch_{recent} / Catch_{1996}$	0.47	0.52
LL & PS		
Catch ₂₀₀₄	610 t	2916 t
	potential to rebuild under current management plan but needs verification	potential to rebuild under current management plan but needs verification
Rebuilding to B_{msy}		
MSY	600-1,320 t	~ 2,000 t (1,000 ~ 2,400 t)




















BUM



WHM



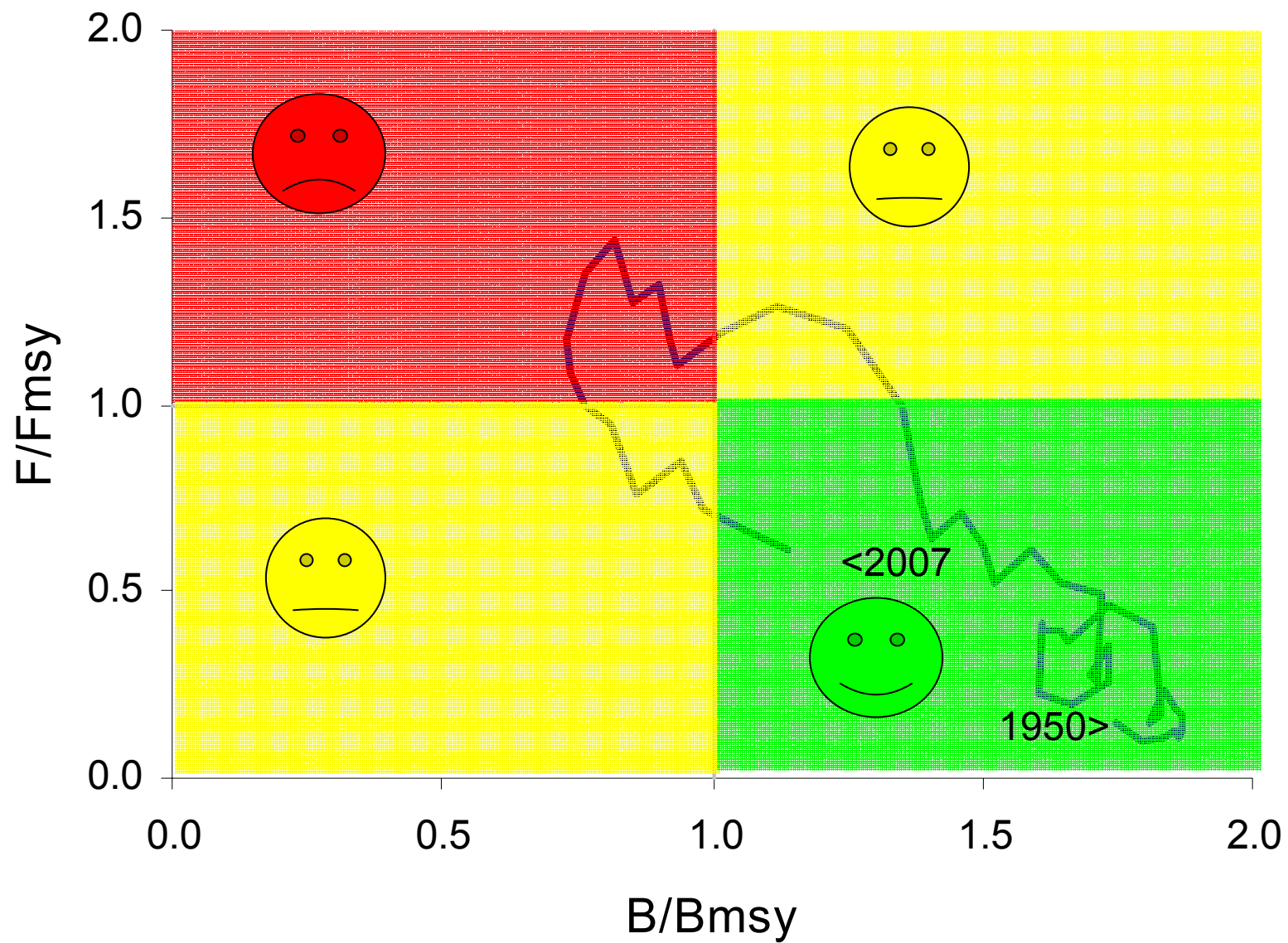
ICCAT Stock Status Summary

	Reference Levels		Draft FIRMS Descriptors (2006)	
STOCK	F/F _{msy}	B/B _{msy}	Exploitation Rate	Stock abundance
BFT-W	1.7	0.41(0.29-0.54)	High F 	Depleted
BFT-E	3.1	~>.25	High F 	Depleted/Low
BUM	>1	<<1	High F 	Depleted/Low
WHM	Possibly ~>1	<<1	Moderate F  	Depleted/Low
ALB-N	1.10 (0.99-1.30)	0.68(0.52-0.86)	Moderate F  	Low
YFT	1.13 (0.94-1.38)	0.73-1.10	Moderate F  	Intermediate
BET	0.73-1.01	0.85-1.07	Moderate F  	Intermediate
SWO-N	0.86(0.65-1.04)	0.99(0.87-1.27)	Moderate F  	Intermediate
SWO-S	Likely <1	Likely >1	Moderate F 	Intermediate
ALB-S	0.62(0.46-1.48)	1.66(0.74-1.81)	Moderate F 	Intermediate
SAI	?	?	Uncertain 	Uncertain
SKJ	?	?	Uncertain 	Uncertain
SWO-M	?	?	Uncertain 	Uncertain
ALB-M	?	?	Uncertain 	Uncertain

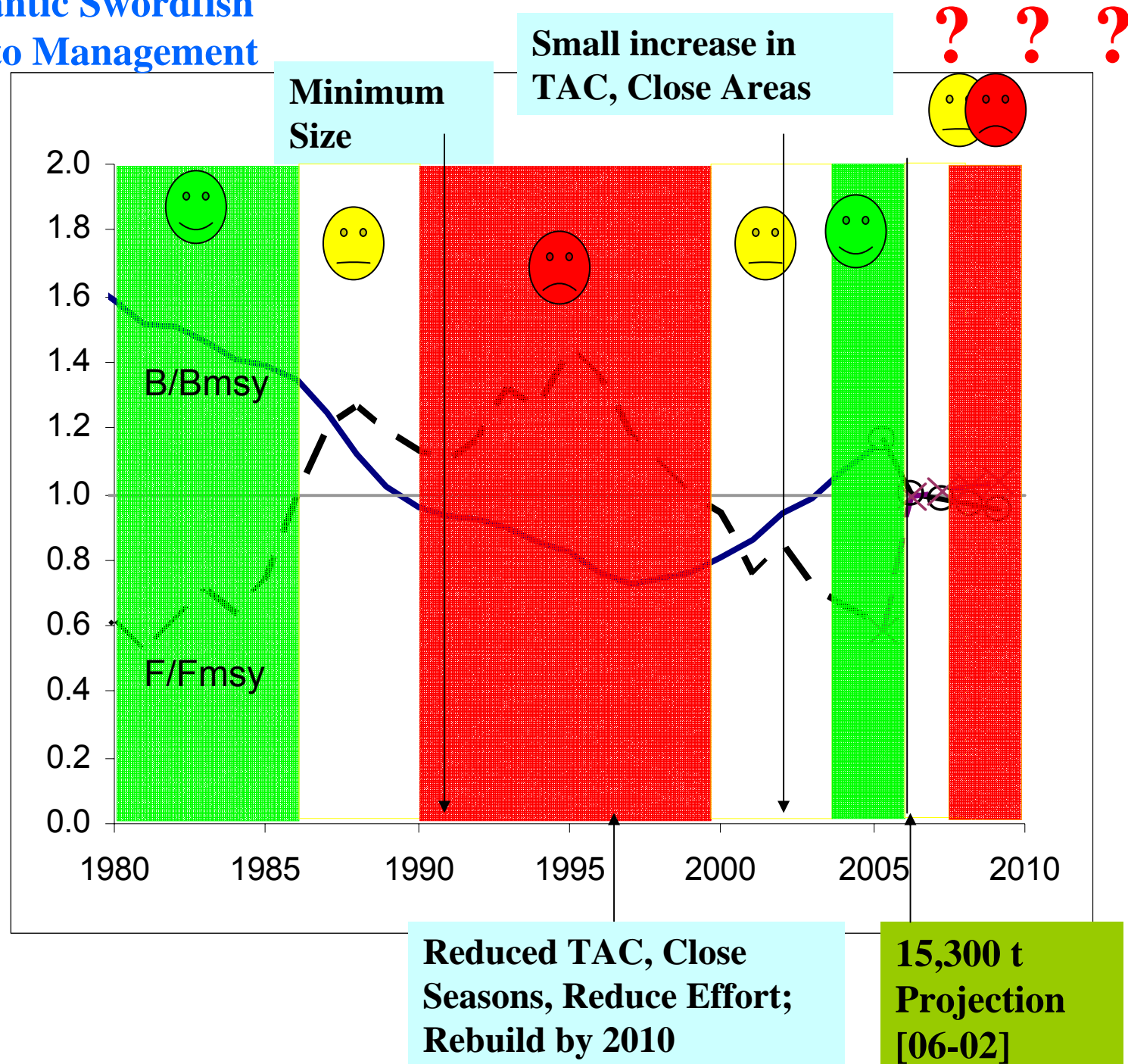
Where could the stocks be headed?

- **Implications of some recent management agreements:**
 - **NAtl SWO (A success story)**
 - **BFTW (A work in progress)**
 - **BFTE (Just getting started)**

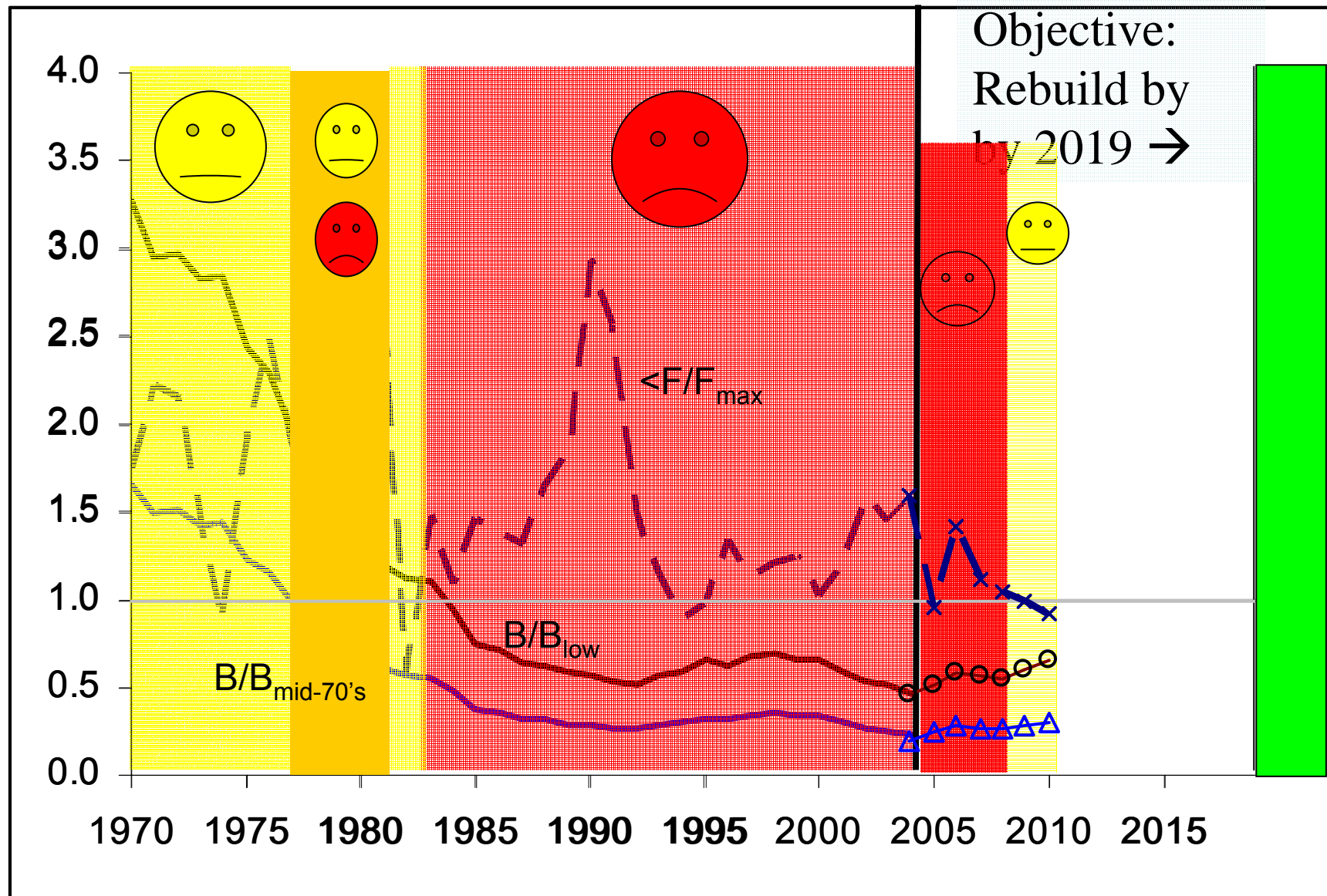
North Atlantic Swordfish – A Success Story

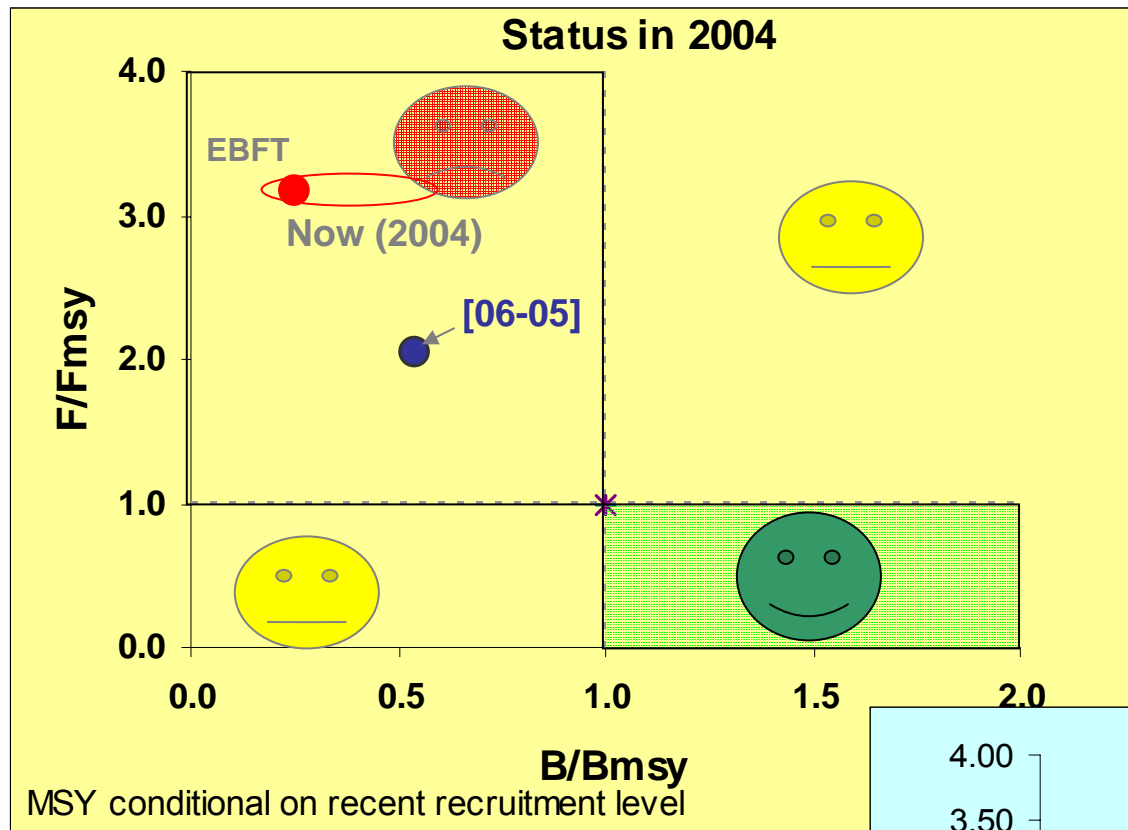


North Atlantic Swordfish Response to Management



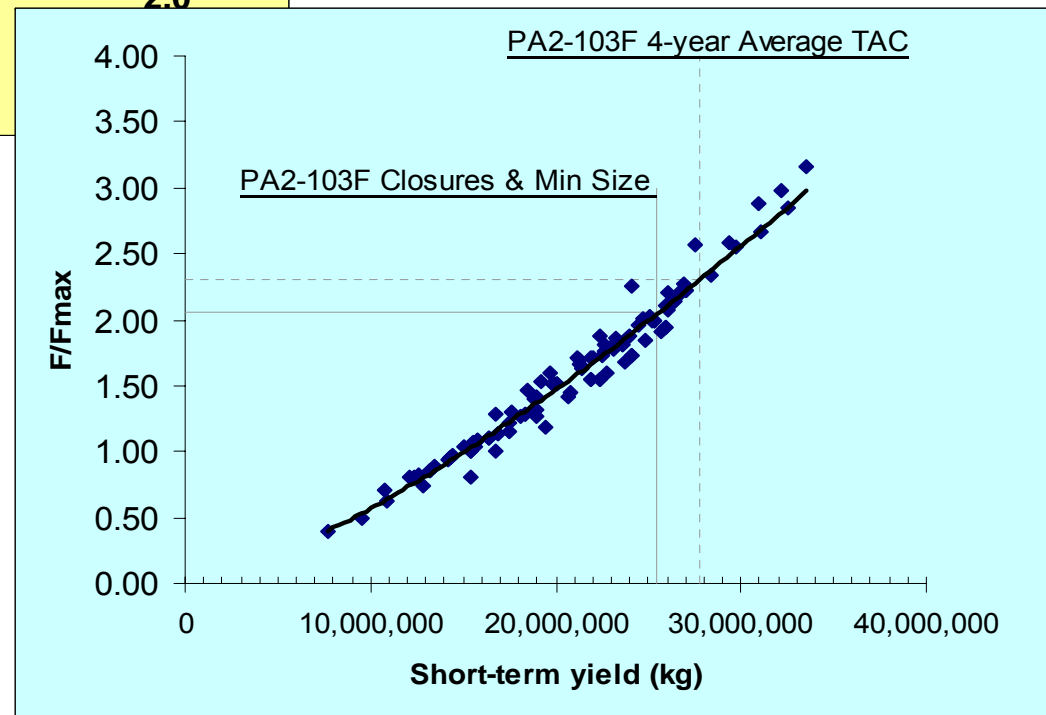
West Atlantic Bluefin – Work in Progress



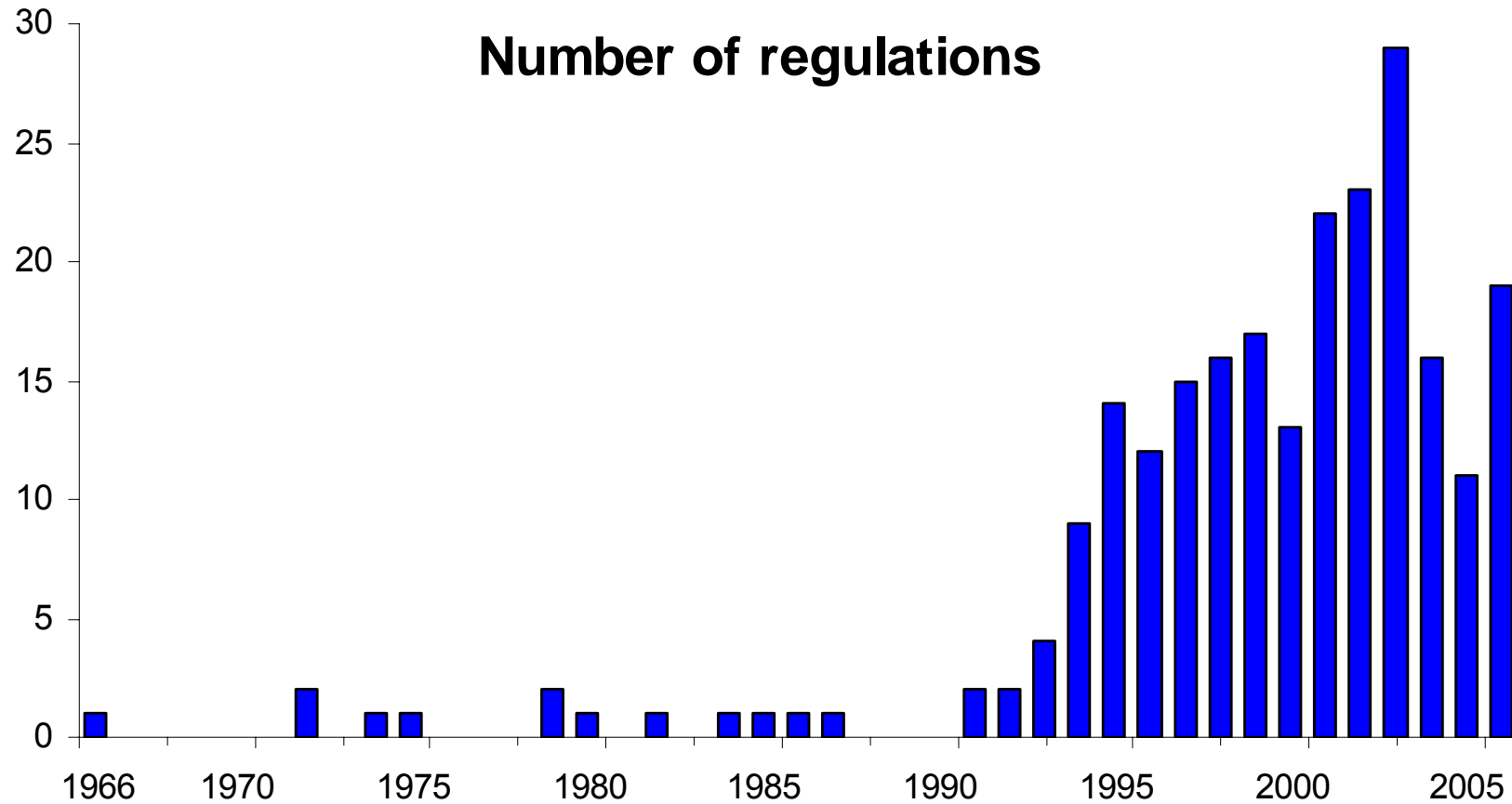


Rebuilding Plan shifts selectivity vector, establishes closures and establishes an average TAC of 28000 t for 2007-2010. Rebuilding in 15 years

East Atlantic & Mediterranean Bluefin – Just Getting Started

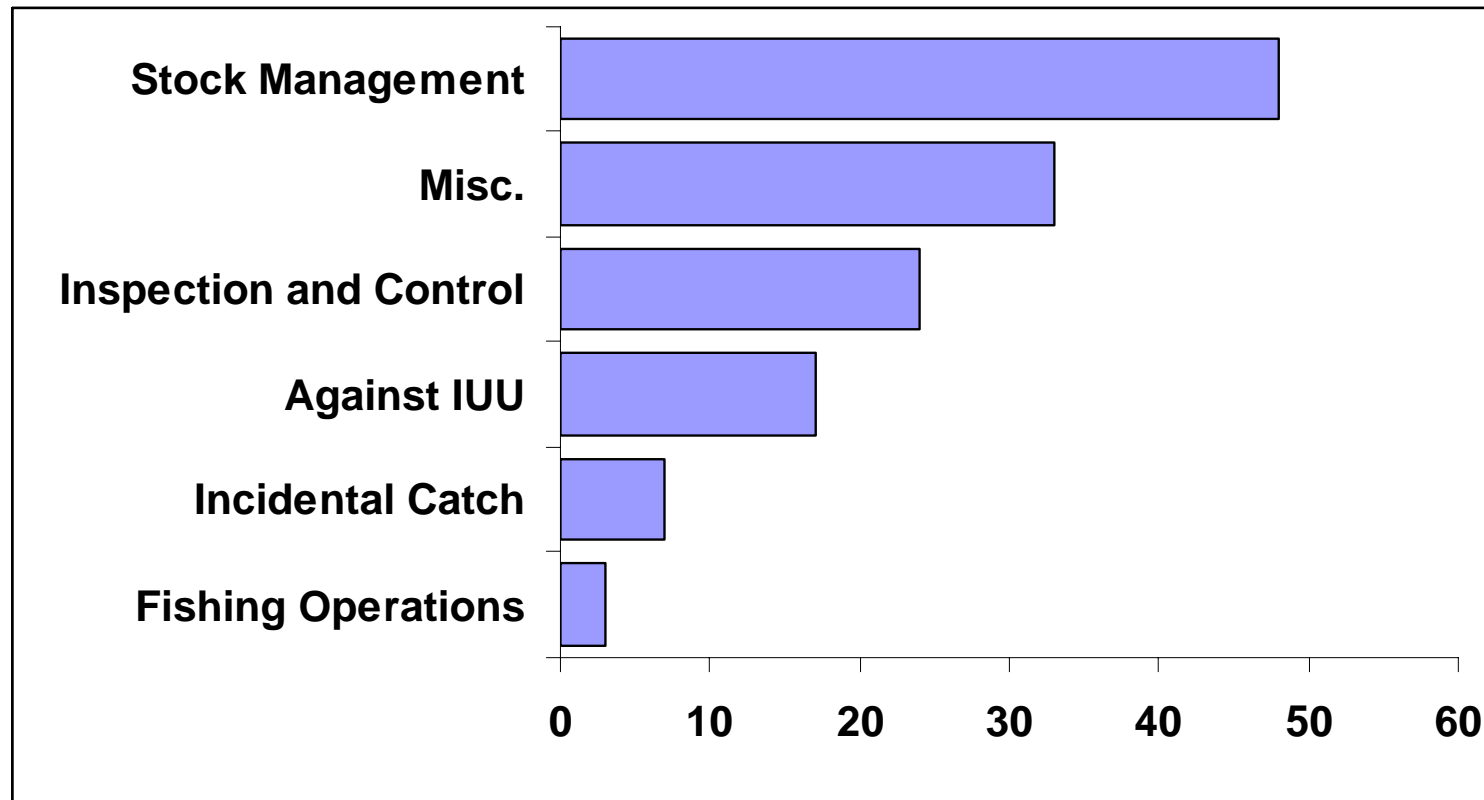


3. Conservation and Management Measures



3. Conservation and Management Measures

RECOMMENDATIONS AND RESOLUTIONS IN FORCE (2006)



(arbitrary classification; many measures cover different topics)

3. Conservation and Management Measures

MULTI-YEAR MANAGEMENT PLANS

- Northern BLUEFIN TUNA (2 stocks)
- Atl. SWORDFISH (2 stocks)
- BIGEYE TUNA
- WHITE MARLIN
- BLUE MARLIN
- Atl. ALBACORE (2 stocks)

CONTENTS

- TAC and Allocations
- Provisions for catch overage/underage
- Minimum size limits
- Vessel number limitations
- Time/area closures

3. Conservation and Management Measures

Stock	TAC / Limits	Effort	Size	Area/ Season	Gear	Data Reporting
BFT E+M	✓		✓	✓	✓	✓
BFT W	✓		✓	✓		✓
BET	✓	✓		✓		✓
BUM	✓		✓			✓
WHM	✓		✓			✓
SWO N	✓		✓			✓
ALB N	✓	✓				
SWO S	✓		✓			
SWO M				✓	✓	
YFT		✓				
ALB S	✓					
ALB M					✓	
SHK						✓
SKJ						
SAI						

3. Conservation and Management Measures

- ICCAT STATISTICAL DOCUMENT PROGRAMS

- BLUEFIN TUNA
- BIGEYE TUNA
- SWORDFISH

Validating Authorities

- 59 Parties/entities
- 420 organizations
- 1281 individuals

3. Conservation and Management Measures

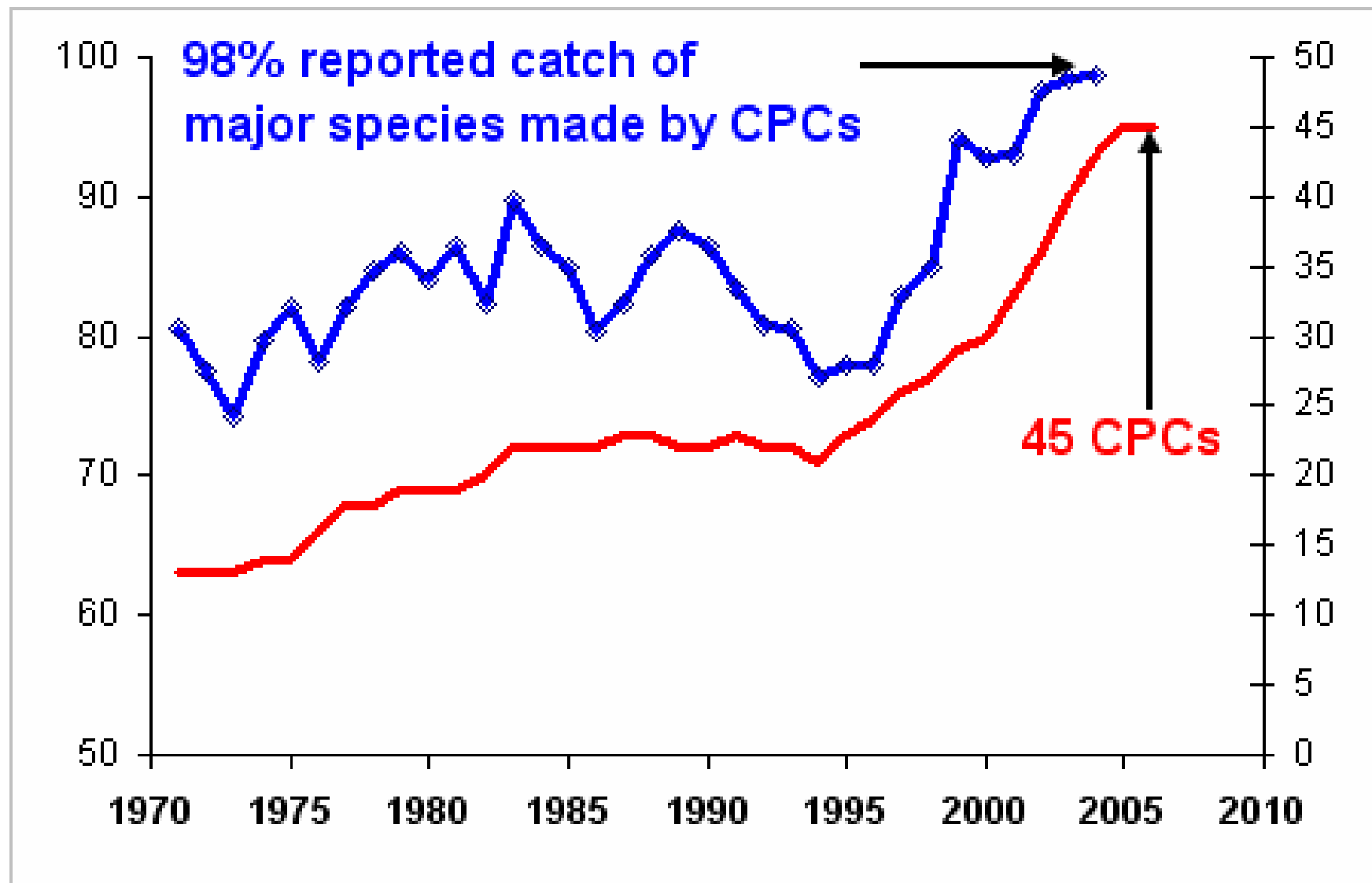
- Records

- List of vessels > 24 m authorized to fish (**3373**)
- List of carrier vessels authorized to tranship (**44**)
- List of vessels in BFT farming (**231**)
- List of BFT Farming Facilities (**72**)
- IUU vessel list (**17**)

- 4 NEW Records to be added in 2007 (BFT fishery controls)

All records maintained at **www.iccat.int**

4. Challenges



4. Challenges

Data Quality

- Accuracy of total catch by species and flag (Task I)
- Detailed spatial and temporal coverage (Task II)
- Capacity-building (training, data collection)

Implementation

- Real-time monitoring of catch limits
- Ensuring that all CPs have capacity to fully implement instruments
- Efficient flow of information (e.g., trade data, VMS)

Performance

- Getting more done with limited resources
- Efficiency and effectiveness

4. Challenges

Adapting a 40-year old Convention to modern instruments

- UN Fish Stocks Agreement
- Flag State requirements
- Port State measures
- More effective MCS
- Ecosystem approaches

Global collaboration, information-sharing

4. Challenges

Allocation: New entrants and limited resources

