ISSF Strategic Plan
MSC Performance Indicators

Annual Progress – 2013

MSC Performance Indicators

Principle 1: Sustainable Fish Stocks

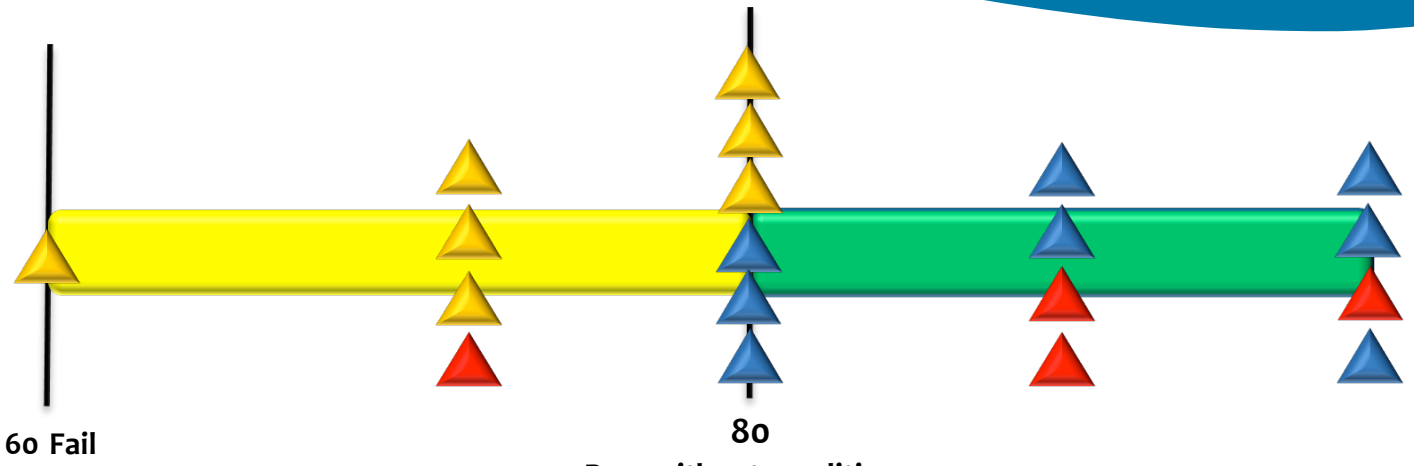
- The fishing activity must be at a level which is sustainable for the fish population. Any certified fishery must operate so that fishing can continue indefinitely and is not overexploiting the resources.
- **Scores:**
  - Based on ISSF-funded assessment of 19 tuna stocks (Powers and Medley 2013)
- **Note:**
  - MSC scoring methodology amended 3/2013. Scores have been revised (likely downwards)

MSC Performance Indicators: P1 Summary Averages

PI	Feb 13	Dec 13
1.1.1 Stock Status	**83**	82.6
1.1.2 Reference Points	**74**	74.5
1.1.3 Stock Rebuilding	**77**	73.3
1.2.1 Harvest Strategy	**75**	74.7
1.2.2 Harvest Control Rules/Tools	**59**	59.5
1.2.3 Information & Monitoring	**77**	76.3
1.2.4 Assessment of Stock Status	**84**	84

MSC Performance Indicators: P1 1.1.1 - Stock Status

Dec 13 Average: 82.6



Atlantic Ocean

Species	Feb13	Dec13
• Yellowfin	70	70
• Bigeye	80	80
• W. Skipjack	80	80
• E. Skipjack	80	80
• N.Albacore	70	70
• S. Albacore	70	70
• M. Albacore	60	60

Pacific Ocean

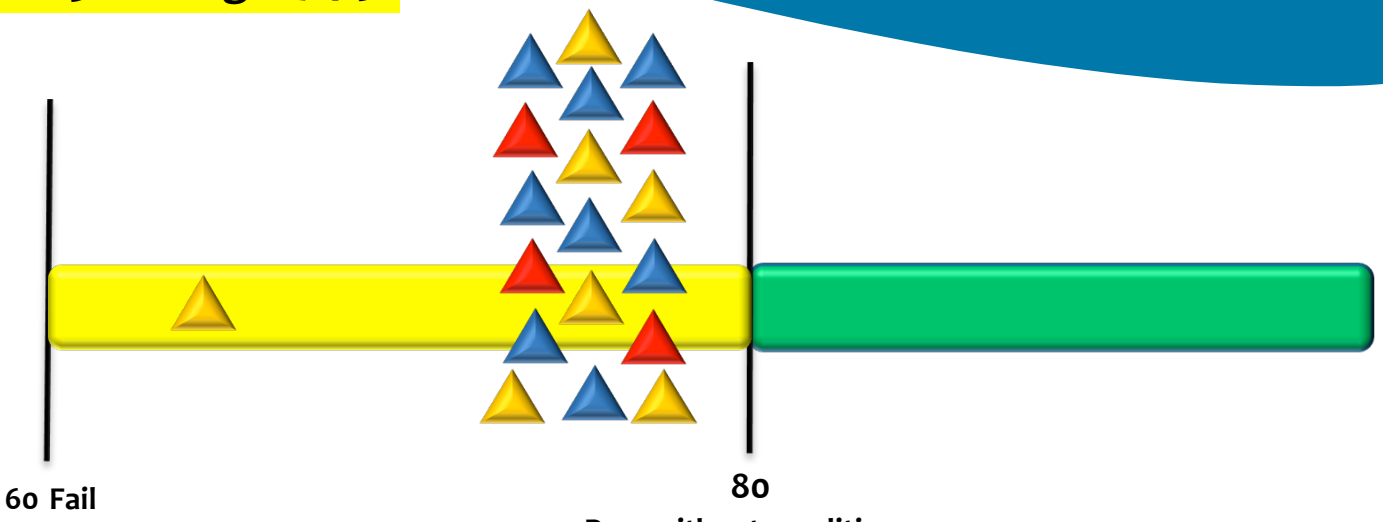
Species	Feb13	Dec13
• W. Yellowfin	90	90
• W. Bigeye	80	80
• W. Skipjack	100	100
• E. Yellowfin	80	80
• E. Bigeye	80	80
• E. Skipjack	100	100
• N.Albacore	80	80
• S. Albacore	100	100

Indian Ocean

Species	Feb13	Dec13
• Yellowfin	90	90
• Bigeye	90	90
• Skipjack	100	100
• Albacore	70	70

MSC Performance Indicators: P1 — 1.1.2 - Reference Points

Dec 13 Average: 74.5



Atlantic Ocean

Species	Feb13	Dec13
• Yellowfin	75	75
• Bigeye	75	75
• W. Skipjack	75	75
• E. Skipjack	75	75
• N.Albacore	75	75
• S. Albacore	75	75
• M. Albacore	65	65

Pacific Ocean

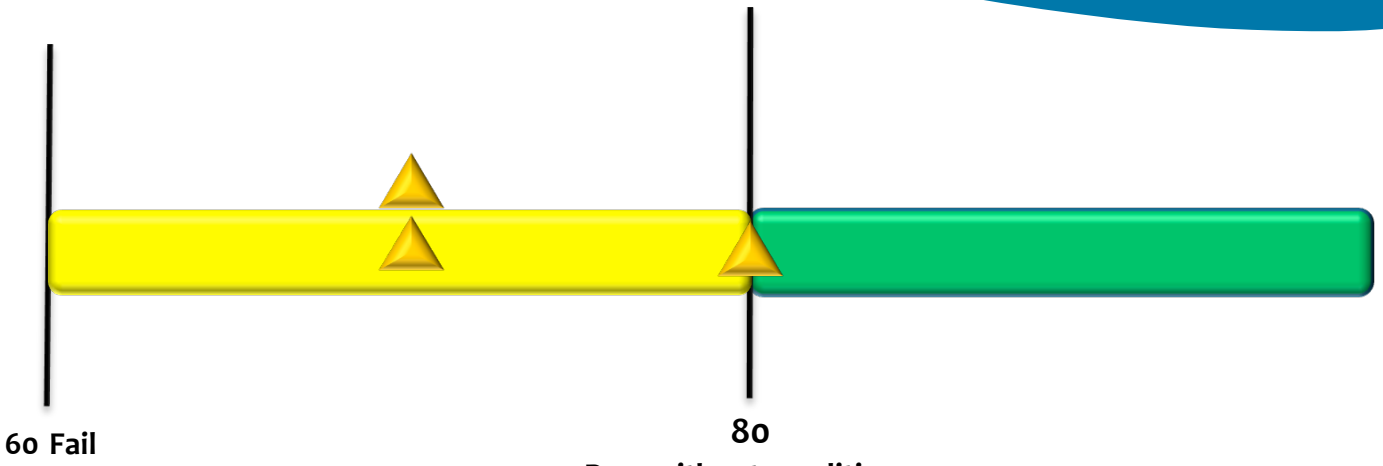
Species	Feb13	Dec13
• W. Yellowfin	75	75
• W. Bigeye	75	75
• W. Skipjack	75	75
• E. Yellowfin	75	75
• E. Bigeye	75	75
• E. Skipjack	75	75
• N.Albacore	75	75
• S. Albacore	75	75

Indian Ocean

Species	Feb13	Dec13
• Yellowfin	75	75
• Bigeye	75	75
• Skipjack	75	75
• Albacore	75	75

MSC Performance Indicators: P1 1.1.3 - Stock Rebuilding

Dec 13 Average: 73.3



Pass without conditions

Where the stock is depleted, there is evidence of stock rebuilding within a specified timeframe.

Atlantic Ocean

Species	Feb13	Dec13
• Yellowfin	75	70
• Bigeye	NA	NA
• W. Skipjack	NA	NA
• E. Skipjack	NA	NA
• N.Albacore	80	80
• S. Albacore	75	70
• M. Albacore	NA	NA

Pacific Ocean

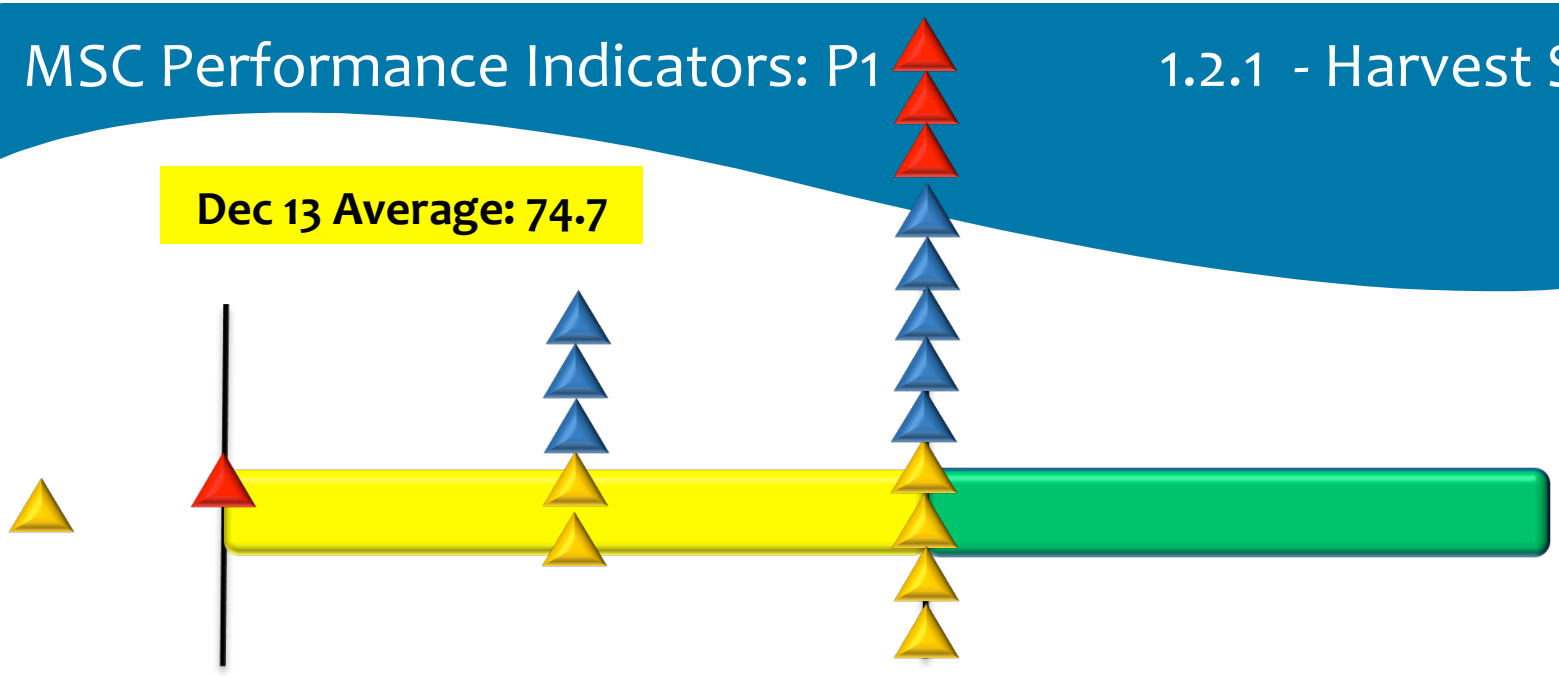
Species	Feb13	Dec13
• W. Yellowfin	NA	NA
• W. Bigeye	NA	NA
• W. Skipjack	NA	NA
• E. Yellowfin	NA	NA
• E. Bigeye	NA	NA
• E. Skipjack	NA	NA
• N.Albacore	NA	NA
• S. Albacore	NA	NA

Indian Ocean

Species	Feb13	Dec13
• Yellowfin	NA	NA
• Bigeye	NA	NA
• Skipjack	NA	NA
• Albacore	NA	NA

MSC Performance Indicators: P1 1.2.1 - Harvest Strategy

Dec 13 Average: 74.7



60 Fail

80

Pass without conditions

There is a robust and precautionary harvest strategy in place.

Atlantic Ocean

Species	Feb13	Dec13
• Yellowfin	80	80
• Bigeye	80	80
• W. Skipjack	80	70
• E. Skipjack	70	70
• N.Albacore	80	80
• S. Albacore	80	80
• M. Albacore	50	50

Pacific Ocean

Species	Feb13	Dec13
• W. Yellowfin	75	70
• W. Bigeye	60	70
• W. Skipjack	70	70
• E. Yellowfin	80	80
• E. Bigeye	80	80
• E. Skipjack	85	80
• N.Albacore	80	80
• S. Albacore	80	80

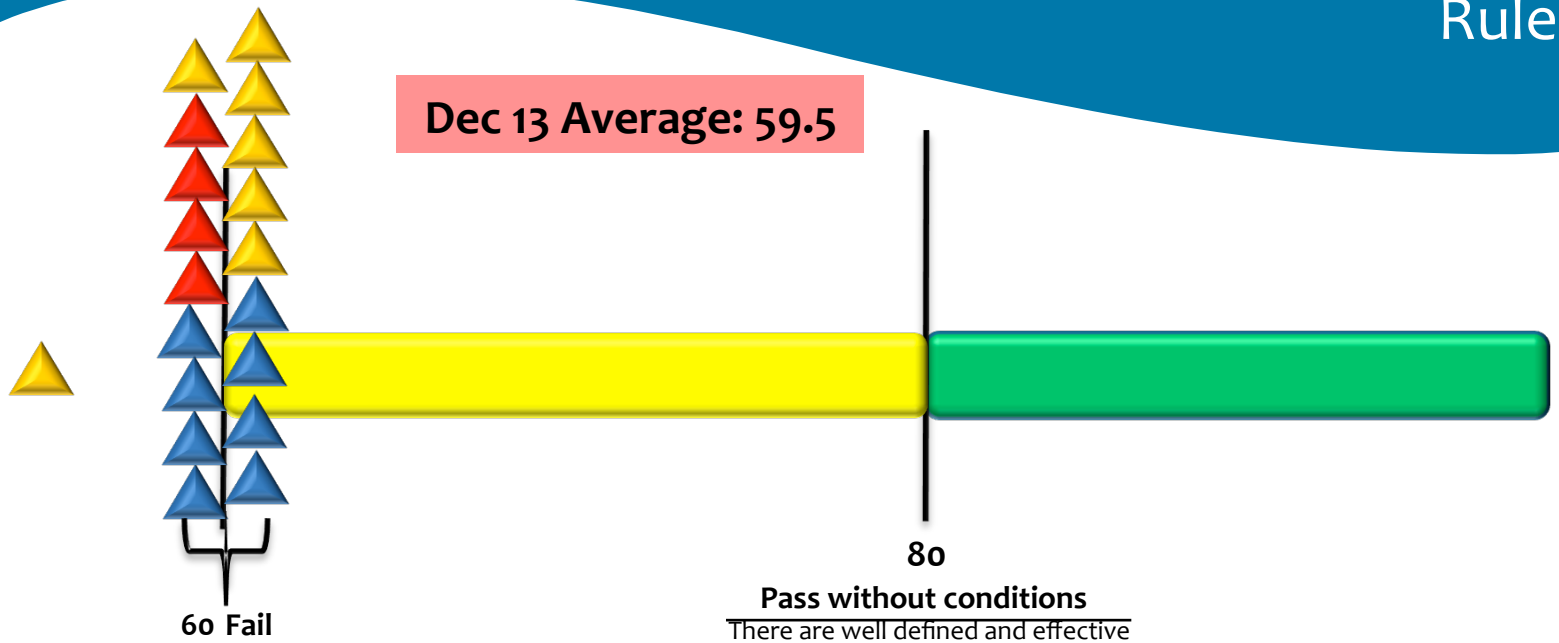
Indian Ocean

Species	Feb13	Dec13
• Yellowfin	80	80
• Bigeye	80	80
• Skipjack	80	80
• Albacore	60	60

ISSF

MSC Performance Indicators: P1

1.2.2 - Harvest Control Rules/ Tools



Atlantic Ocean

Species	Feb13	Dec13
• Yellowfin	60	60
• Bigeye	60	60
• W. Skipjack	60	60
• E. Skipjack	60	60
• N.Albacore	60	60
• S. Albacore	60	60
• M. Albacore	50	50

Pacific Ocean

Species	Feb13	Dec13
• W. Yellowfin	60	60
• W. Bigeye	60	60
• W. Skipjack	60	60
• E. Yellowfin	60	60
• E. Bigeye	60	60
• E. Skipjack	60	60
• N.Albacore	60	60
• S. Albacore	60	60

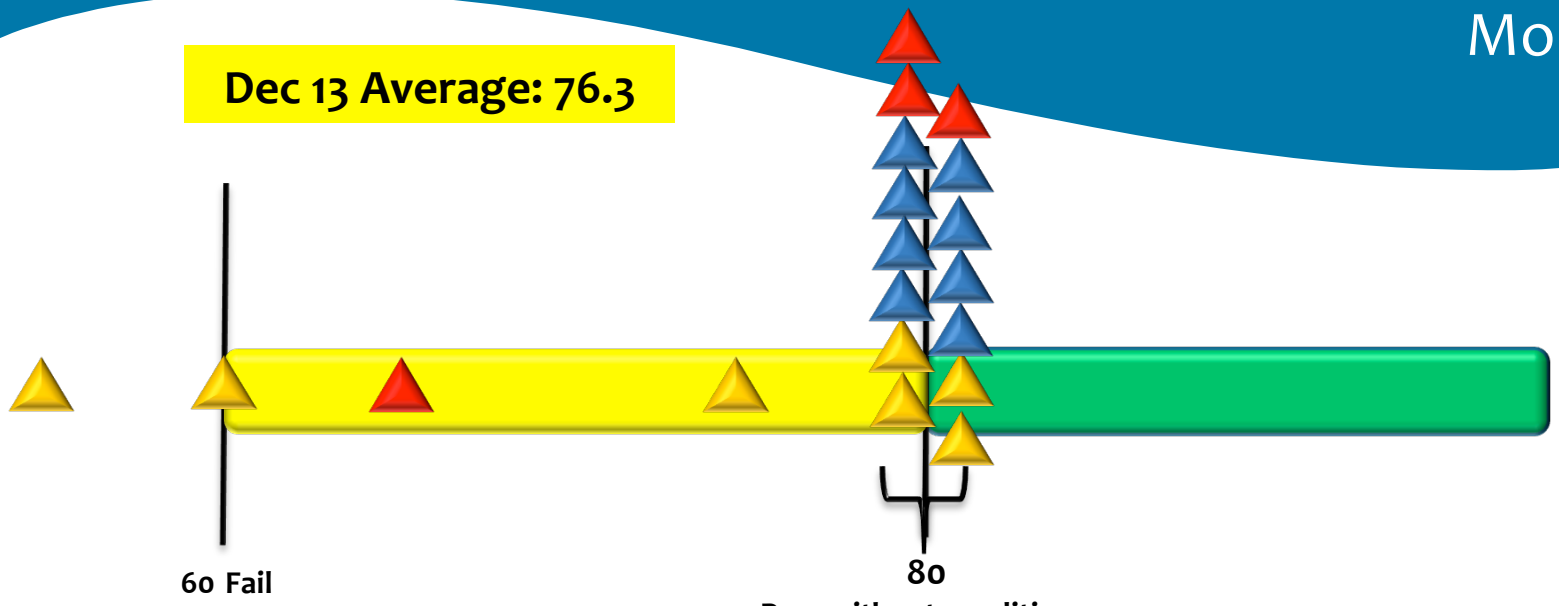
Indian Ocean

Species	Feb13	Dec13
• Yellowfin	60	60
• Bigeye	60	60
• Skipjack	60	60
• Albacore	60	60

MSC Performance Indicators: P1

1.2.3 - Information & Monitoring

Dec 13 Average: 76.3



Atlantic Ocean

Species	Feb13	Dec13
• Yellowfin	80	80
• Bigeye	80	80
• W. Skipjack	65	60
• E. Skipjack	75	75
• N.Albacore	80	80
• S. Albacore	80	80
• M. Albacore	50	50

Pacific Ocean

Species	Feb13	Dec13
• W. Yellowfin	80	80
• W. Bigeye	80	80
• W. Skipjack	80	80
• E. Yellowfin	80	80
• E. Bigeye	80	80
• E. Skipjack	80	80
• N.Albacore	80	80
• S. Albacore	80	80

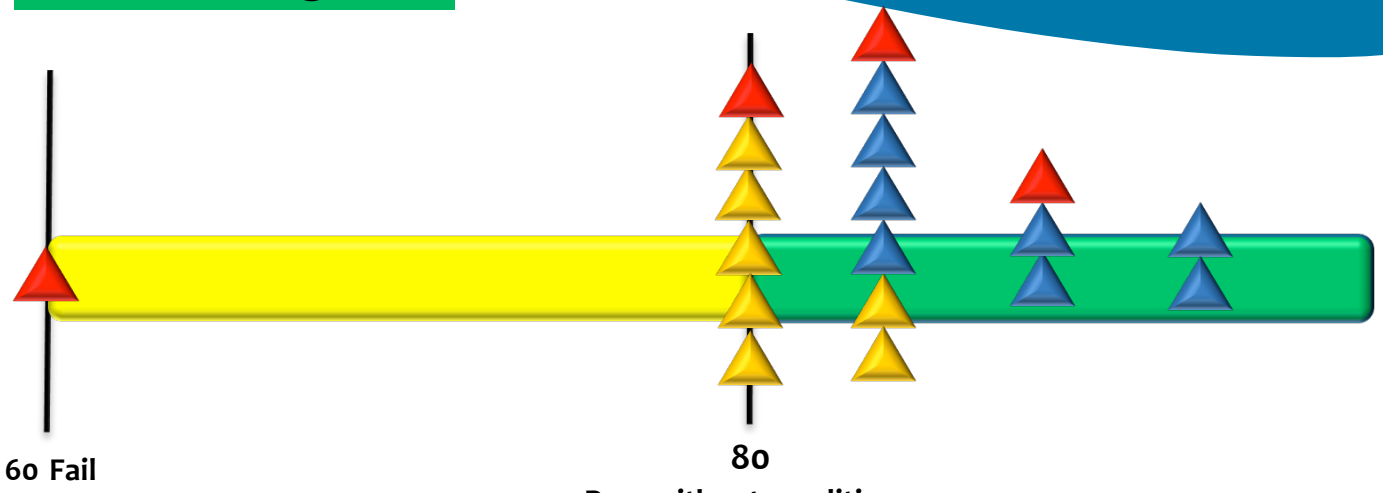
Indian Ocean

Species	Feb13	Dec13
• Yellowfin	80	80
• Bigeye	80	80
• Skipjack	80	80
• Albacore	65	65

MSC Performance Indicators: P1

1.2.4 - Assessment of Stock Status

Dec 13 Average: 84



Atlantic Ocean

Species	Feb13	Dec13
• Yellowfin	85	85
• Bigeye	85	85
• W. Skipjack	80	80
• E. Skipjack	80	80
• N.Albacore	80	80
• S. Albacore	80	80
• M. Albacore	80	80

Pacific Ocean

Species	Feb13	Dec13
• W. Yellowfin	90	90
• W. Bigeye	90	90
• W. Skipjack	85	85
• E. Yellowfin	95	95
• E. Bigeye	95	95
• E. Skipjack	85	85
• N.Albacore	85	85
• S. Albacore	85	85

Indian Ocean

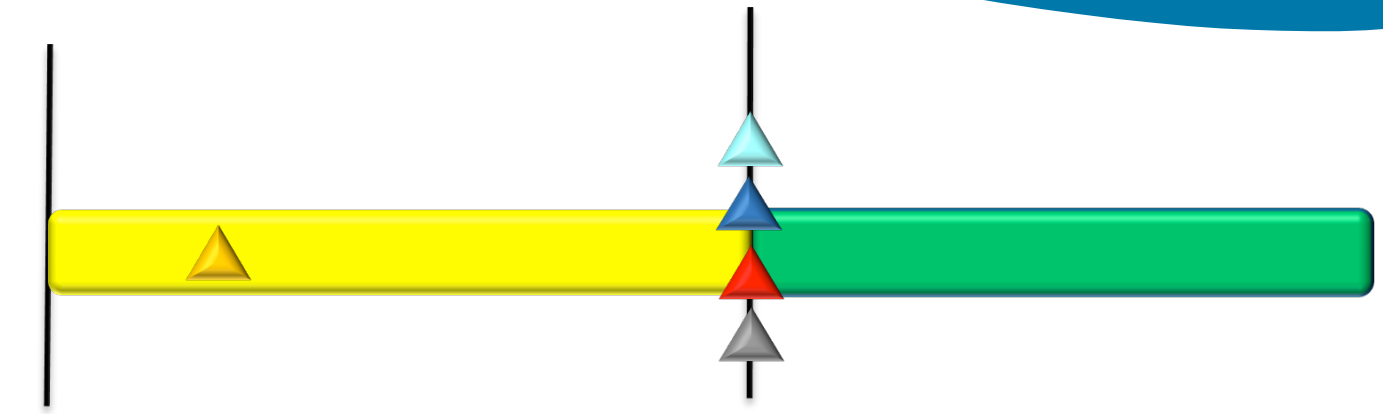
Species	Feb13	Dec13
• Yellowfin	90	90
• Bigeye	80	80
• Skipjack	85	85
• Albacore	60	60

MSC Performance Indicators

Principle 2: Minimizing Environmental Impact

- Fishing operations should be managed to maintain the structure, productivity, function and diversity of the ecosystem on which the fishery depends.
- **Scores:**
  - Based on tuna fisheries (gears) that have been certified (biased: does not consider fisheries that failed pre-assessment)
- **Note:**
  - Will add more scores as they become available

MSC Performance Indicators: P2 2.1.1 - Retained Species



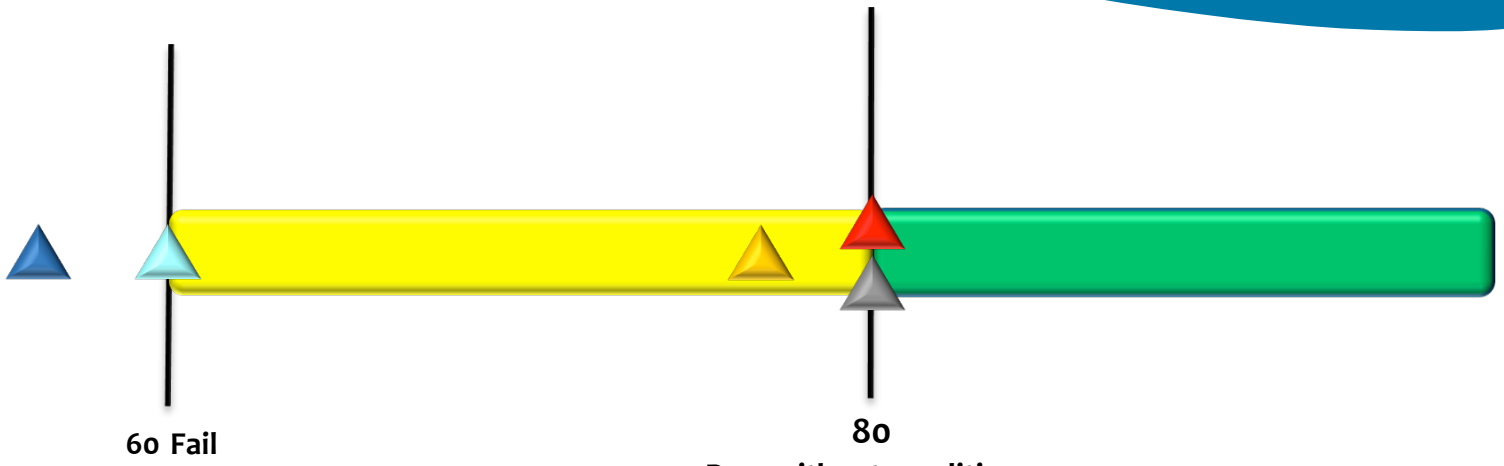
Pass without conditions

The fishery does not pose a risk of serious or irreversible harm to the retained species and does not hinder recovery of depleted retained species.

Fishery	Feb 13	Dec 13
Fiji Long Line	65	65
PNA Free	80	80
PNA Object	80	80
Maldives P/L	80	80
Mexico P/L	80	80

MSC Performance Indicators: P2

2.1.2 - Retained Species Management Strategy



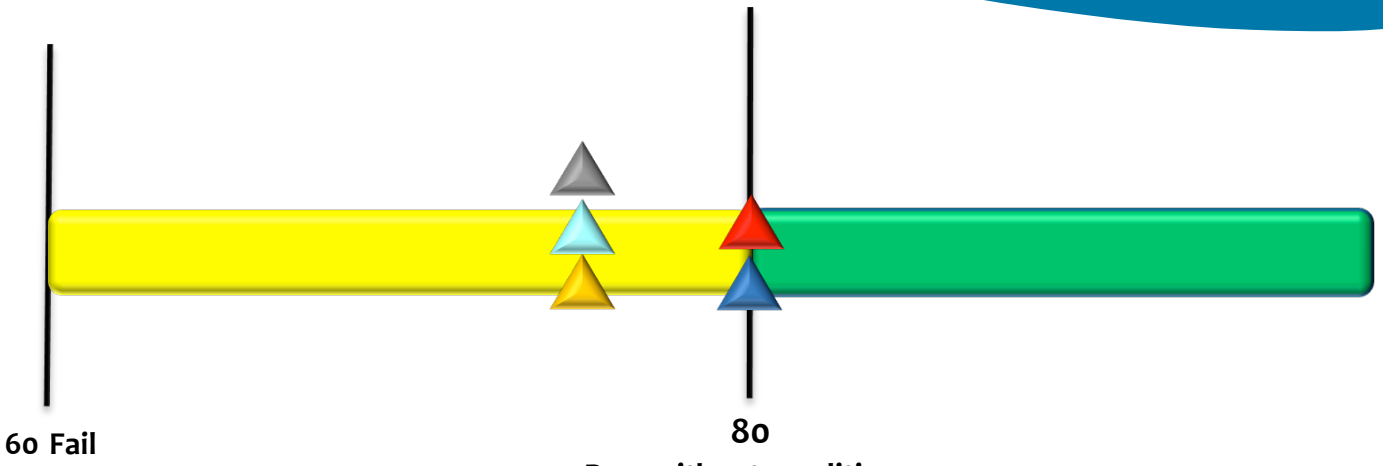
Pass without conditions

There is a strategy in place for managing retained species that is designed to ensure the fishery does not pose a risk of serious or irreversible harm to retained species.

Fishery	Feb 13	Dec 13
Fiji Long Line	75	75
PNA Free	80	80
PNA Object	Fail	Fail
Maldives P/L	60	60
Mexico P/L	80	80

MSC Performance Indicators: P2

2.1.3 - Retained Species Information/Monitoring

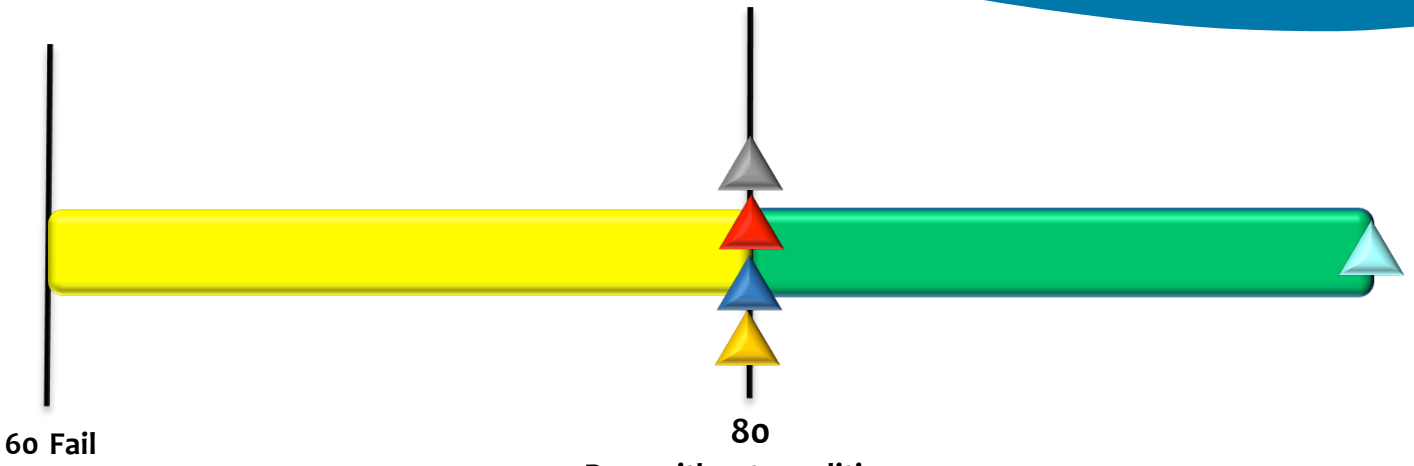


Pass without conditions

Information on the nature and extent of retained species is adequate to determine the risk posed by the fishery and the effectiveness of the strategy to manage retained species.

Fishery	Feb 13	Dec 13
Fiji Long Line	75	75
PNA Free	80	80
PNA Object	80	80
Maldives P/L	75	75
Mexico P/L	75	75

MSC Performance Indicators: P2 2.2.1 - Bycatch Species



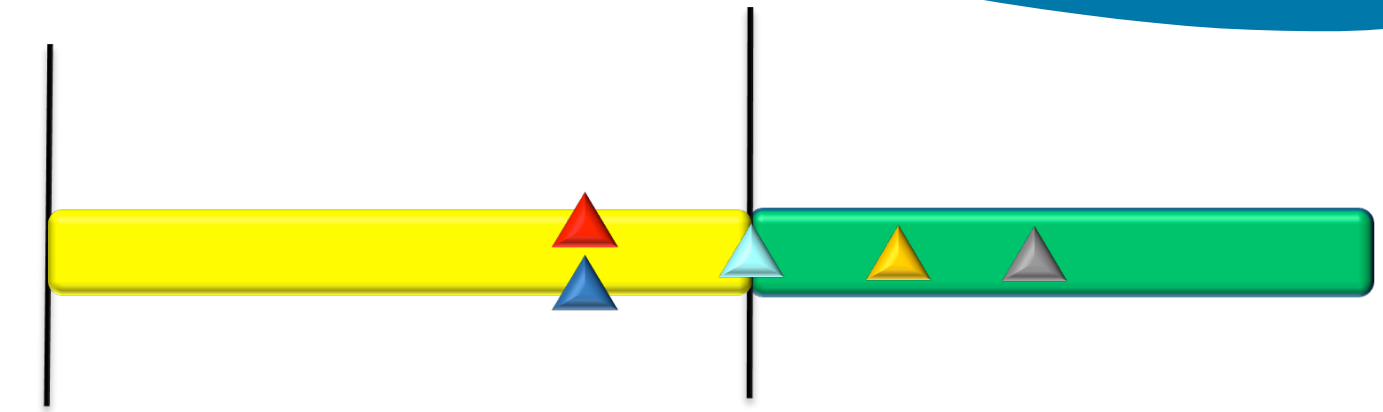
Pass without conditions

The fishery does not pose a risk of serious or irreversible harm to the bycatch species or species groups and does not hinder recovery of depleted bycatch species or species groups.

Fishery	Feb 13	Dec 13
Fiji Long Line	80	80
PNA Free	80	80
PNA Object	80	80
Maldives P/L	100	100
Mexico P/L	80	80

MSC Performance Indicators: P2

2.2.2 - Bycatch Species Management Strategy



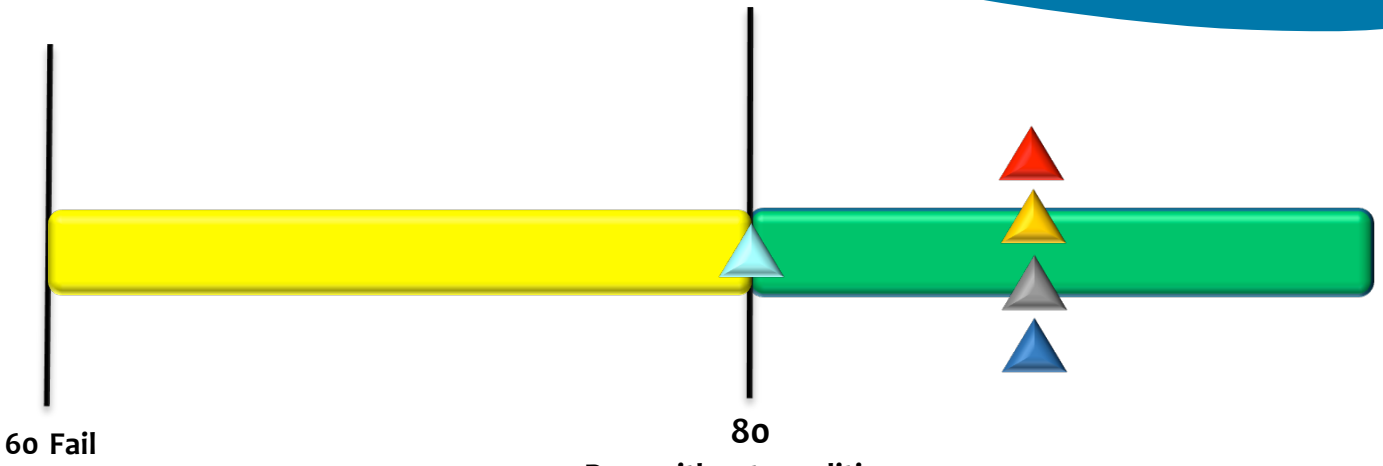
Pass without conditions

There is a strategy in place for managing bycatch that is designed to ensure the fishery does not pose a risk of serious or irreversible harm to bycatch populations.

Fishery	Feb 13	Dec 13
Fiji Long Line	85	85
PNA Free	75	75
PNA Object	75	75
Maldives P/L	80	80
Mexico P/L	90	90

MSC Performance Indicators: P2

2.2.3 - Bycatch Species Information/Monitoring



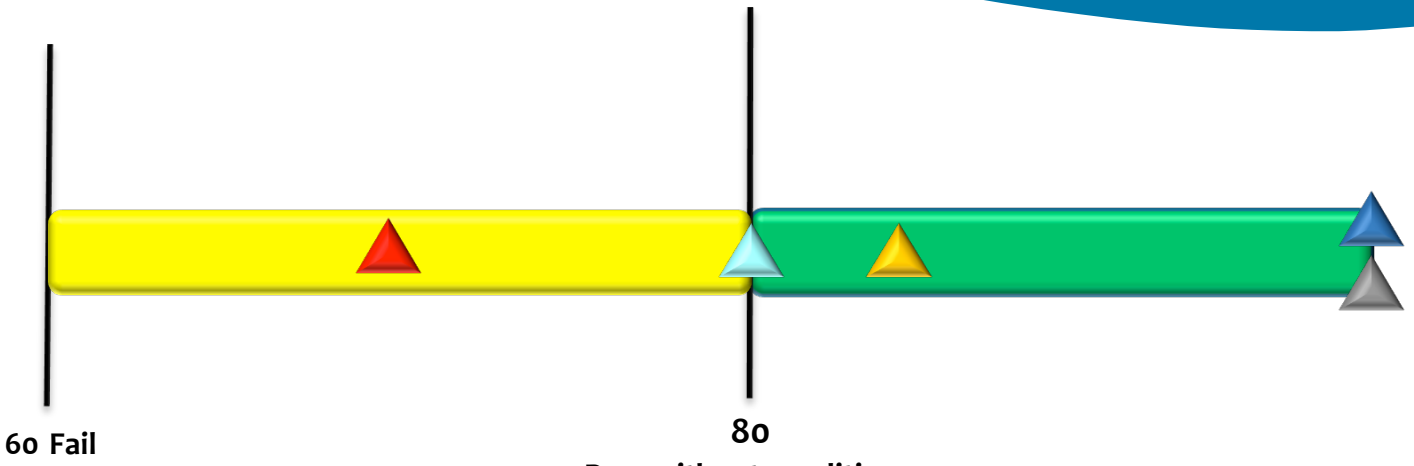
Pass without conditions

Information on the nature and amount of bycatch is adequate to determine the risk posed by the fishery and the effectiveness of the strategy to manage bycatch.

Fishery	Feb13	Dec13
Fiji Long Line	90	90
PNA Free	90	90
PNA Object	90	90
Maldives P/L	80	80
Mexico P/L	90	90

MSC Performance Indicators: P2

2.3.1 - ETP Species



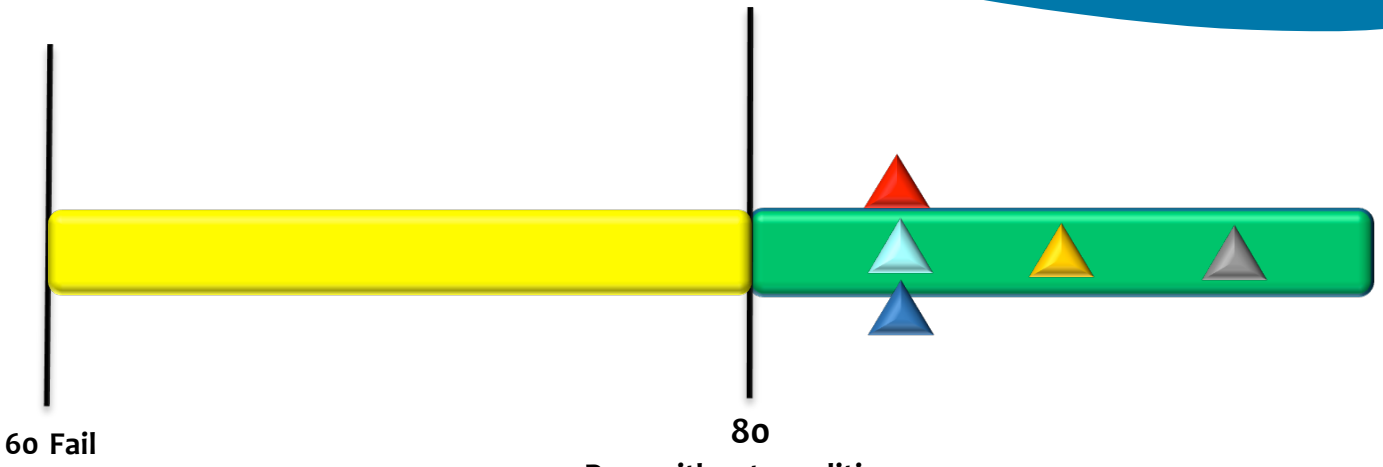
Pass without conditions

The fishery meets national and international requirements for protection of ETP (endangered, threatened or protected) species. The fishery does not pose a risk of serious or irreversible harm to ETP species and does not hinder recovery of ETP species.

Fishery	Feb 13	Dec 13
Fiji Long Line	85	85
PNA Free	70	70
PNA Object	100	100
Maldives P/L	80	80
Mexico P/L	100	100

MSC Performance Indicators: P2

2.3.2 - ETP Species Management Strategy



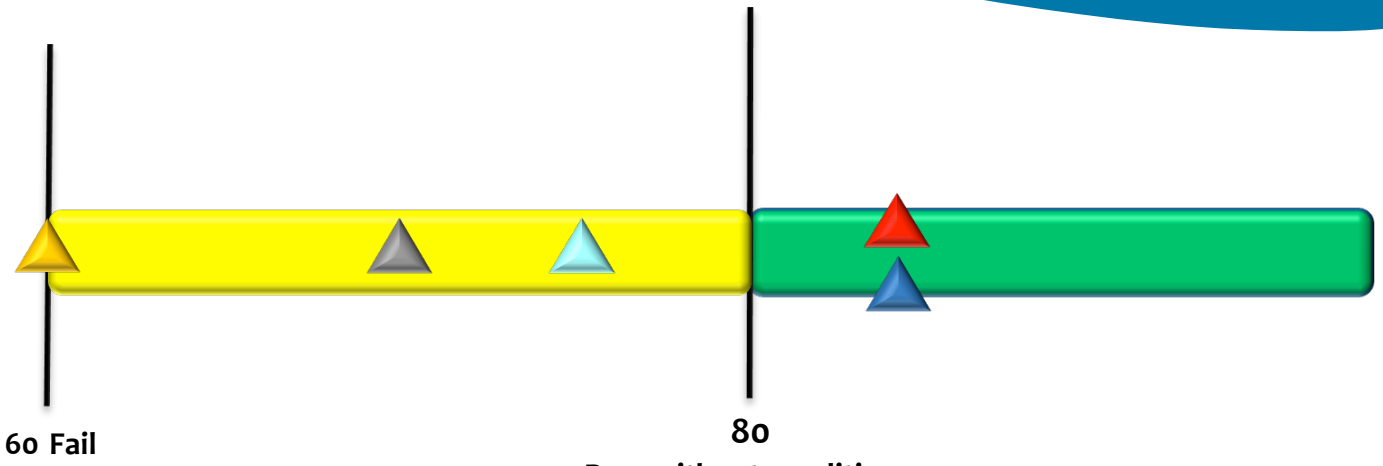
Pass without conditions

The fishery has in place precautionary management strategies designed to: - meet national and international requirements; - ensure the fishery does not pose a risk of serious or irreversible harm to ETP species; - ensure the fishery does not hinder recovery of ETP species; and - minimise mortality of ETP species.

Fishery	Feb 13	Dec 13
Fiji Long Line	90	90
PNA Free	85	85
PNA Object	85	85
Maldives P/L	85	85
Mexico P/L	95	95

MSC Performance Indicators: P2

2.3.3 - ETP Species Information/Monitoring



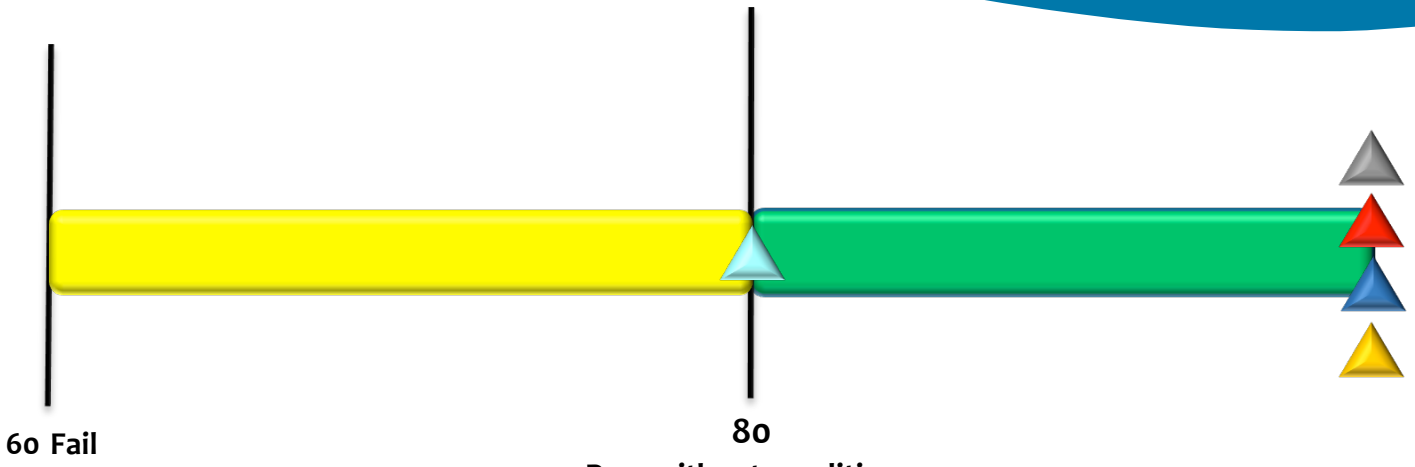
Pass without conditions

Relevant information is collected to support the management of fishery impacts on ETP species, including: - information for the development of the management strategy; - information to assess the effectiveness of the management strategy; and - information to determine the outcome status of ETP species.

Fishery	Feb 13	Dec 13
Fiji Long Line	60	60
PNA Free	85	85
PNA Object	85	85
Maldives P/L	75	75
Mexico P/L	70	70

MSC Performance Indicators: P2

2.4.1 - Habitats



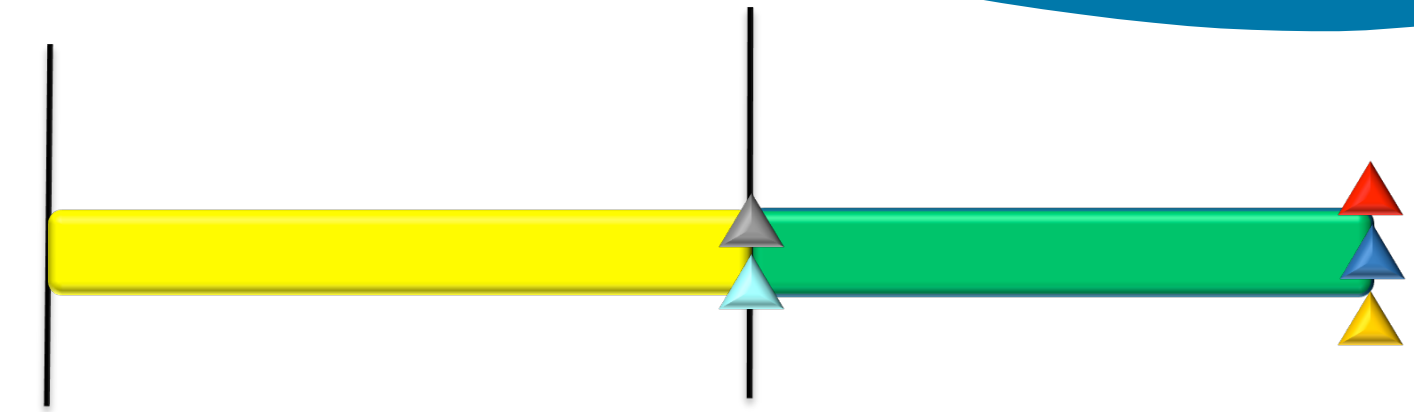
Pass without conditions

The fishery does not cause serious or irreversible harm to habitat structure, considered on a regional or bioregional basis, and function.

Fishery	Feb 13	Dec 13
Fiji Long Line	100	100
PNA Free	100	100
PNA Object	100	100
Maldives P/L	80	80
Mexico P/L	100	100

MSC Performance Indicators: P2

2.4.2 - Habitats Management Strategy



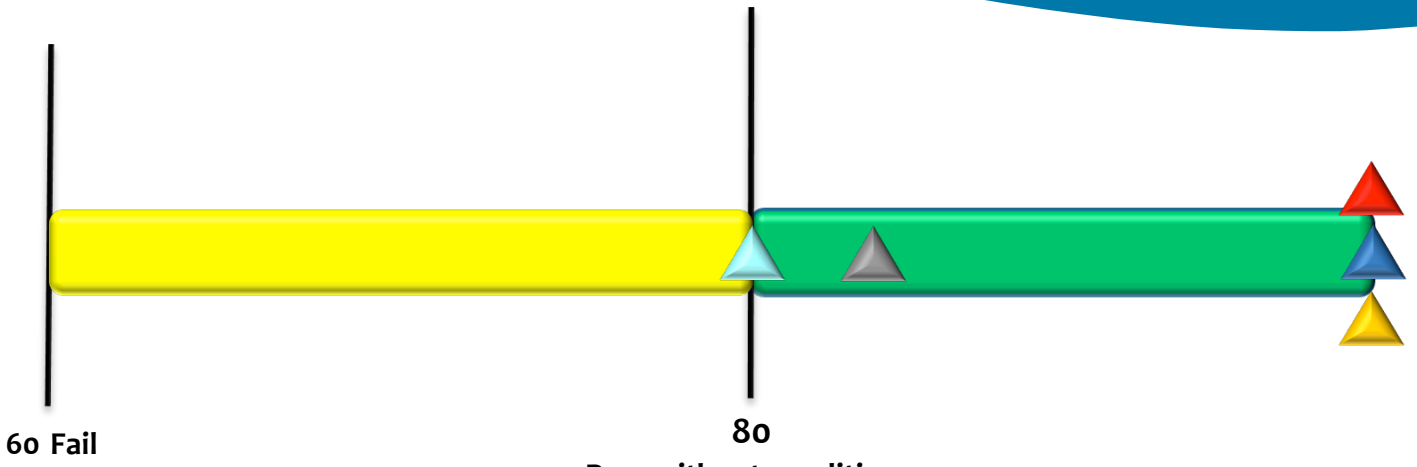
Pass without conditions

There is a strategy in place that is designed to ensure the fishery does not pose a risk of serious or irreversible harm to habitat types.

Fishery	Feb 13	Dec 13
Fiji Long Line	100	100
PNA Free	100	100
PNA Object	100	100
Maldives P/L	80	80
Mexico P/L	80	80

MSC Performance Indicators: P2

2.4.3 - Habitats Information/Monitoring



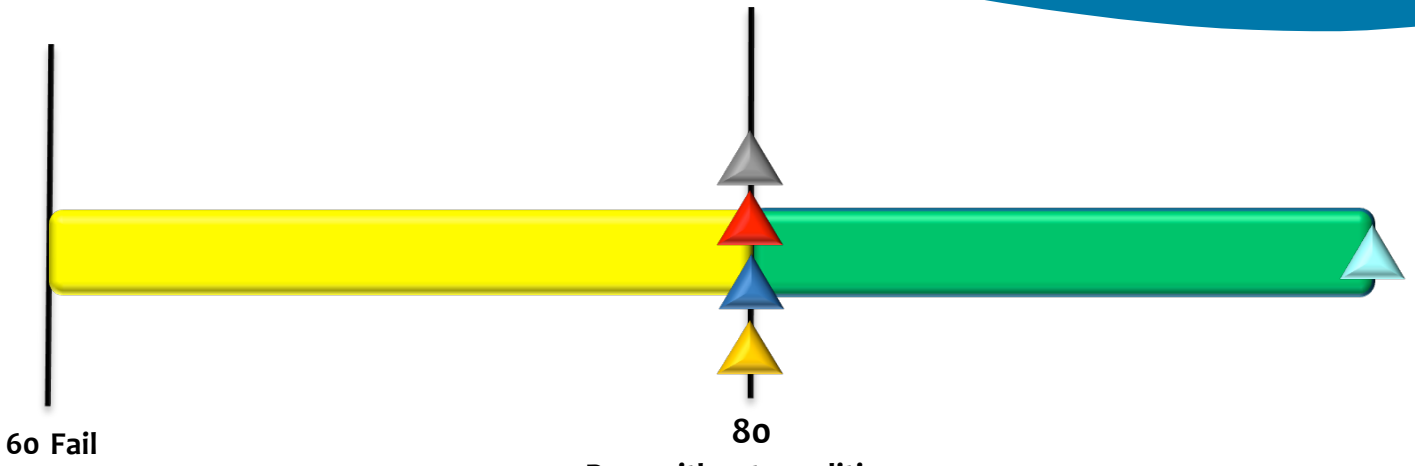
Pass without conditions

Information is adequate to determine the risk posed to habitat types by the fishery and the effectiveness of the strategy to manage impacts on habitat types.

Fishery	Feb 13	Dec 13
Fiji Long Line	100	100
PNA Free	100	100
PNA Object	100	100
Maldives P/L	80	80
Mexico P/L	85	85

MSC Performance Indicators: P2

2.5.1 - Ecosystem



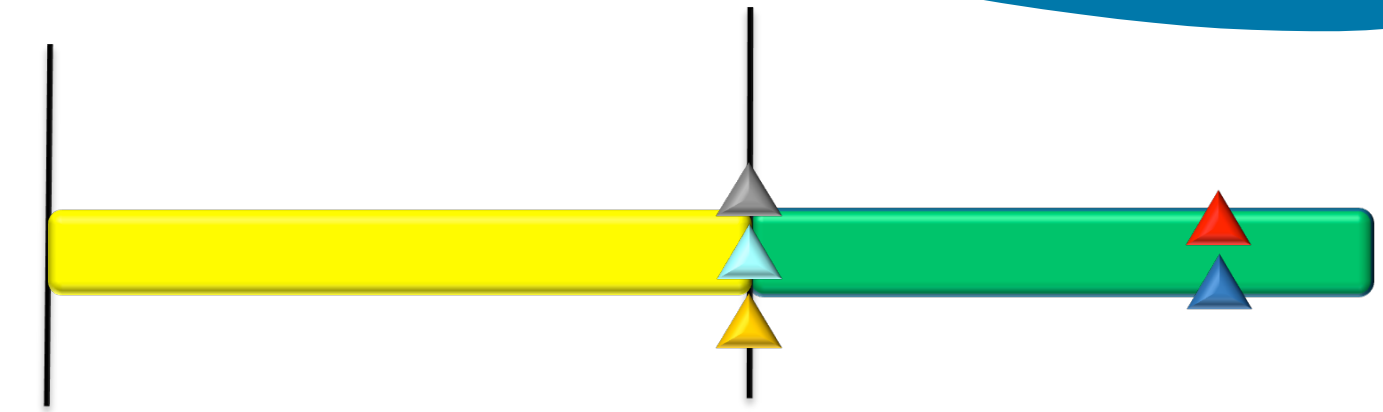
Pass without conditions

The fishery does not cause serious or irreversible harm to the key elements of ecosystem structure and function.

Fishery	Feb 13	Dec 13
Fiji Long Line	80	80
PNA Free	80	80
PNA Object	80	80
Maldives P/L	100	100
Mexico P/L	80	80

MSC Performance Indicators: P2

2.5.2 - Ecosystem Management Strategy



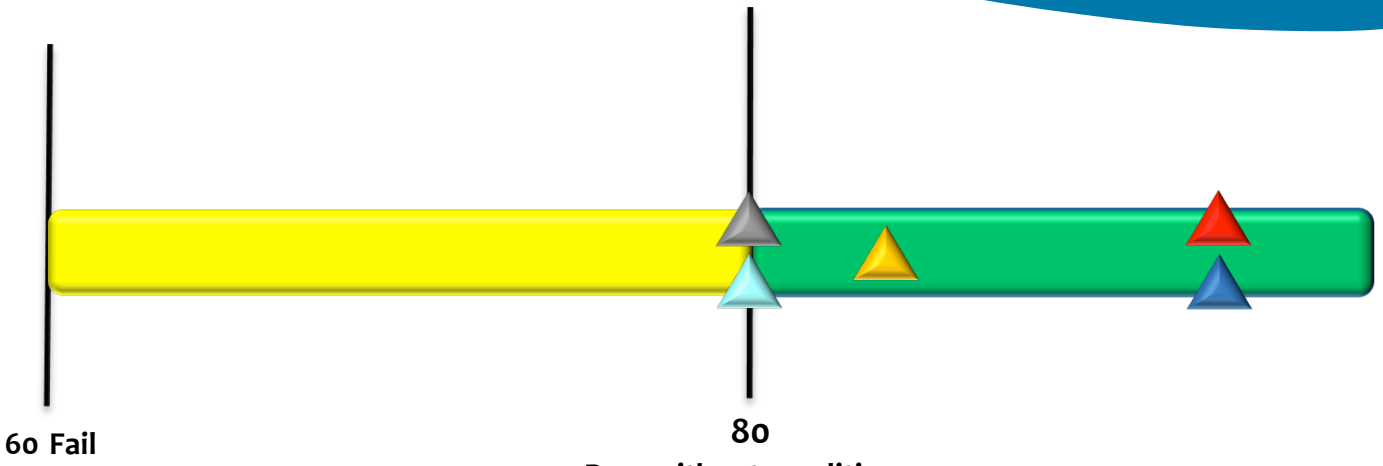
Pass without conditions

There are measures in place to ensure the fishery does not pose a risk of serious or irreversible harm to ecosystem structure and function.

Fishery	Feb 13	Dec 13
Fiji Long Line	80	80
PNA Free	95	95
PNA Object	95	95
Maldives P/L	80	80
Mexico P/L	80	80

MSC Performance Indicators: P2

2.5.3 - Ecosystem Information/Monitoring



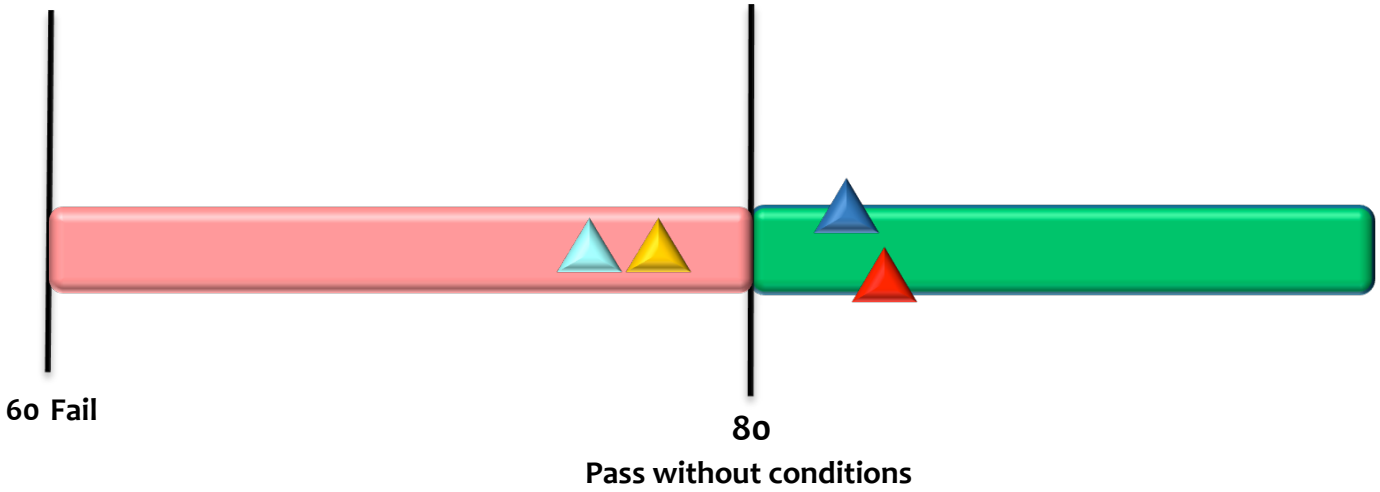
Fishery	Feb 13	Dec 13
Fiji Long Line	85	85
PNA Free	95	95
PNA Object	95	95
Maldives P/L	80	80
Mexico P/L	80	80

MSC Performance Indicators

Principle 3: Effective Management

- The fishery must meet all local, national and international laws and must have a management system in place to respond to changing circumstances and maintain sustainability.
- **Scores:**
  - Based on ISSF-funded assessment of 4 tuna RFMOs (Powers and Medley 2013)
  - Does not consider Local and National management systems
- **Notes:**
  - MSC scoring methodology amended 3/2013. Scores will be revised (likely downwards)

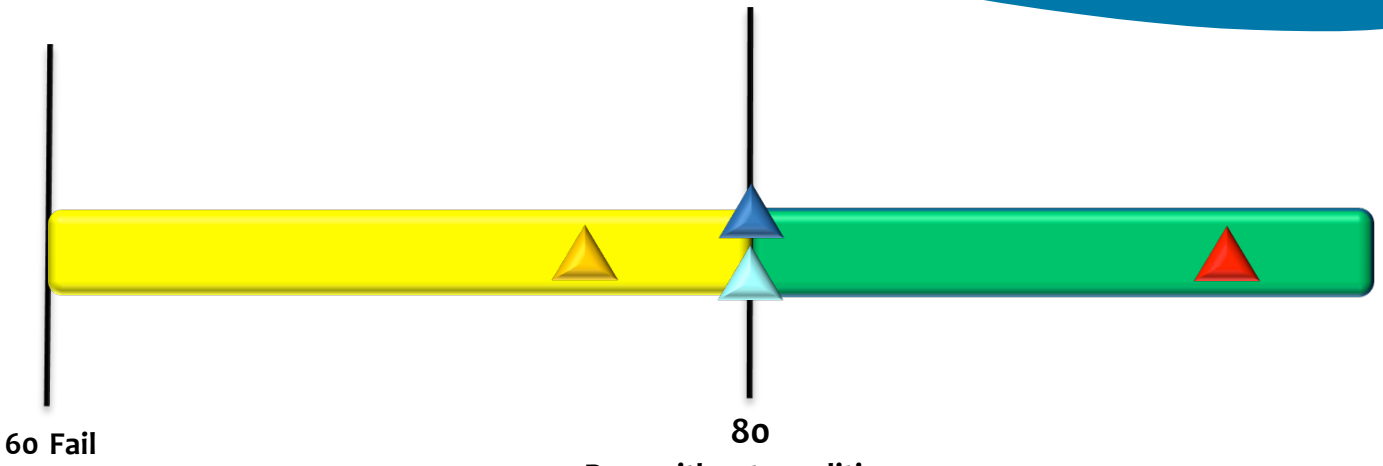
MSC Performance Indicators: P3 Summary



RFMOs	Feb 13	Dec 13	+/-
ICCAT	76.8	77.3	+0.5
WCPFC	83.8	85	+1.2
IATTC	83.8	83.6	-0.2
IOTC	76.3	76.4	+0.1

MSC Performance Indicators: P3

3.1.1 - Legal & Customary Framework



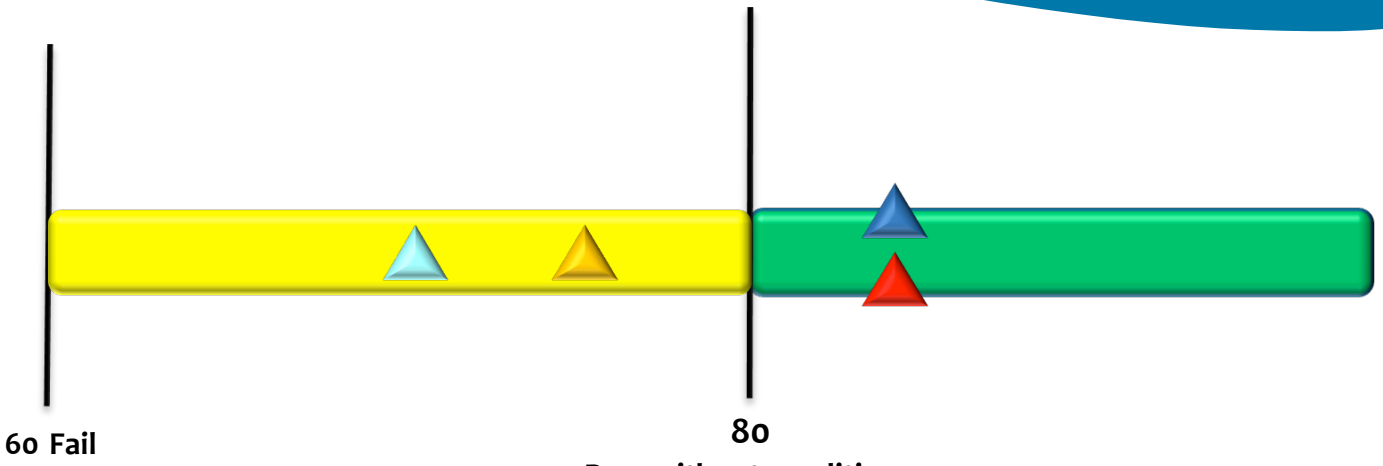
Pass without conditions

The management system exists within an appropriate and effective legal and/or customary framework which ensures that it: - Is capable of delivering sustainable fisheries in accordance with MSC Principles 1 and 2 and - Observes the legal rights created explicitly or established by custom of people dependent on fishing for food or livelihood; and - Incorporates an appropriate dispute resolution framework.

RFMOs	Feb 13	Dec 13
ICCAT	75	75
WCPFC	85	95
IATTC	85	80
IOTC	80	80

MSC Performance Indicators: P3

3.1.2 - Consultation, Roles & Responsibilities

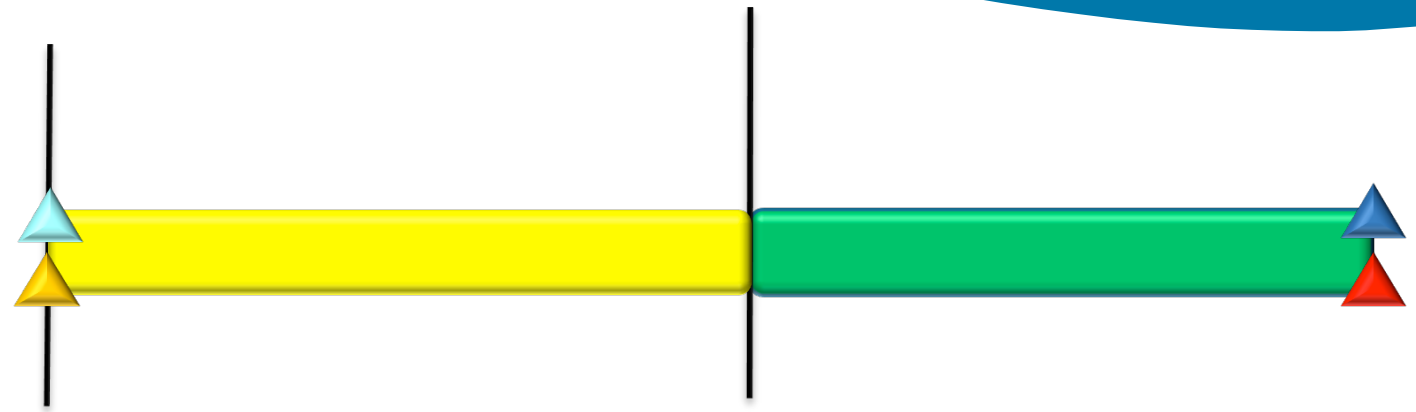


Pass without conditions

The management system has effective consultation processes that are open to interested and affected parties. The roles and responsibilities of organisations and individuals who are involved in the management process are clear and understood by all relevant parties.

RFMOs	Feb 13	Dec 13
ICCAT	75	75
WCPFC	85	85
IATTC	85	85
IOTC	70	70

MSC Performance Indicators: P3 3.1.3 - Long-Term Objectives



60 Fail

80

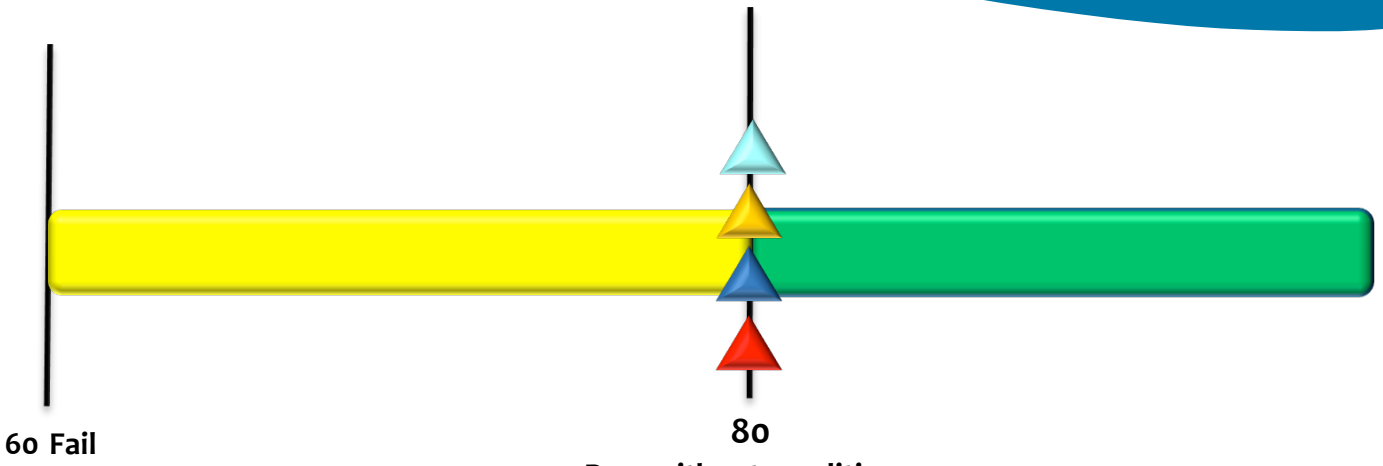
Pass without conditions

The management policy has clear long-term objectives to guide decision-making that are consistent with MSC Principles and Criteria, and incorporates the precautionary approach.

RFMOs	Feb 13	Dec 13
ICCAT	60	60
WCPFC	100	100
IATTC	100	100
IOTC	60	60

MSC Performance Indicators: P3

3.1.4 - Incentives for Sustainable Fishing



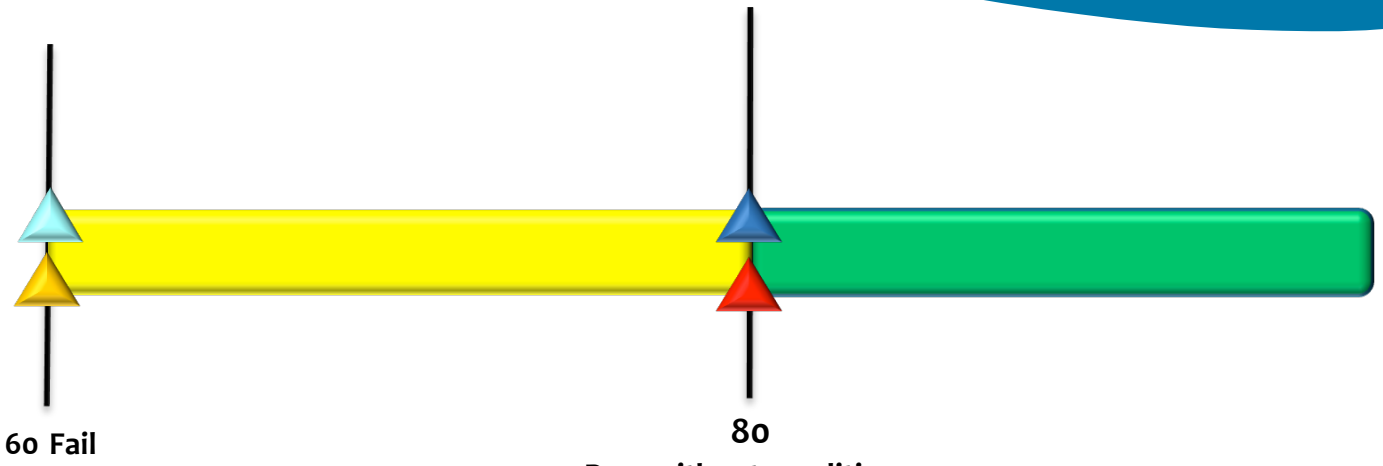
Pass without conditions

The management system provides economic and social incentives for sustainable fishing and does not operate with subsidies that contribute to unsustainable fishing.

RFMOs	Feb 13	Dec 13
ICCAT	80	80
WCPFC	80	80
IATTC	80	80
IOTC	80	80

MSC Performance Indicators: P3

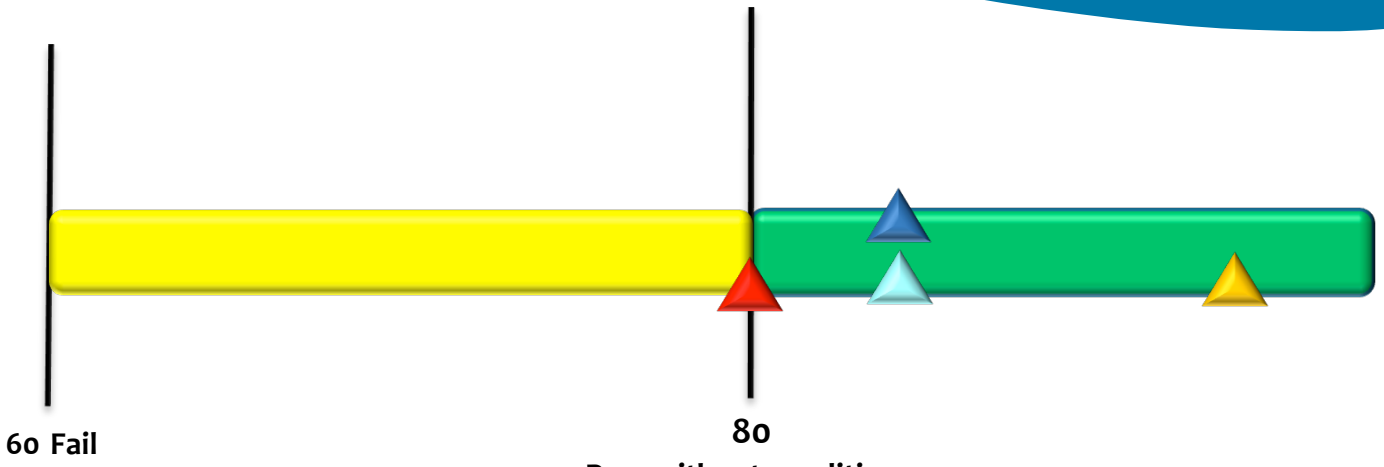
3.2.1 - Fishery-Specific Objectives



RFMOs	Feb 13	Dec 13
ICCAT	60	60
WCPFC	80	80
IATTC	80	80
IOTC	60	60

MSC Performance Indicators: P3

3.2.2 - Decision-Making Processes



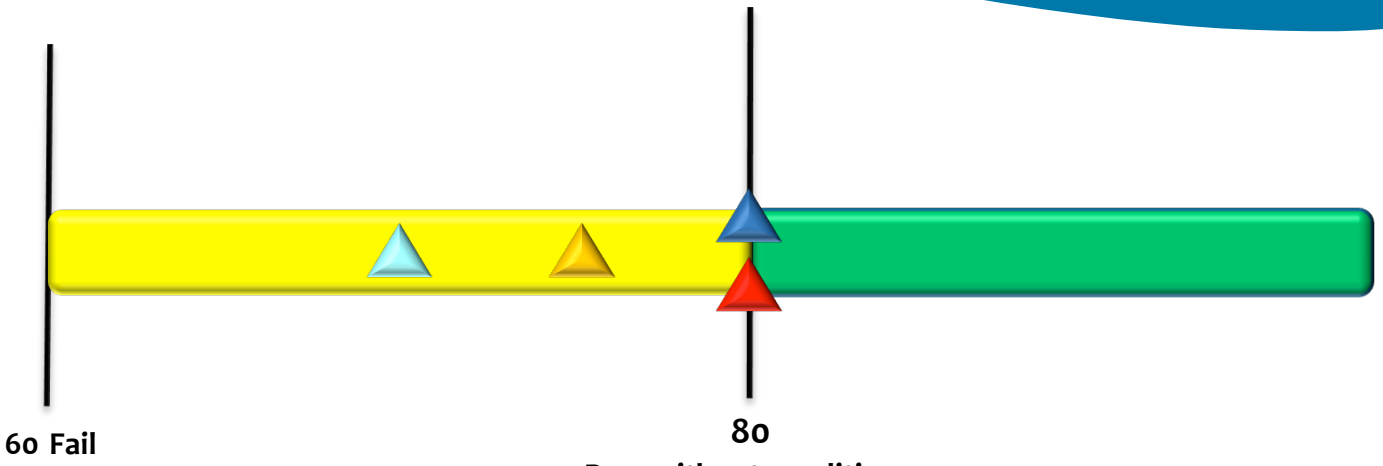
Pass without conditions

The fishery-specific management system includes effective decision-making processes that result in measures and strategies to achieve the objectives and has an appropriate approach to actual disputes in the fishery under assessment.

RFMOs	Feb 13	Dec 13
ICCAT	90	95
WCPFC	80	80
IATTC	80	85
IOTC	90	85

MSC Performance Indicators: P3

3.2.3 - Compliance & Enforcement



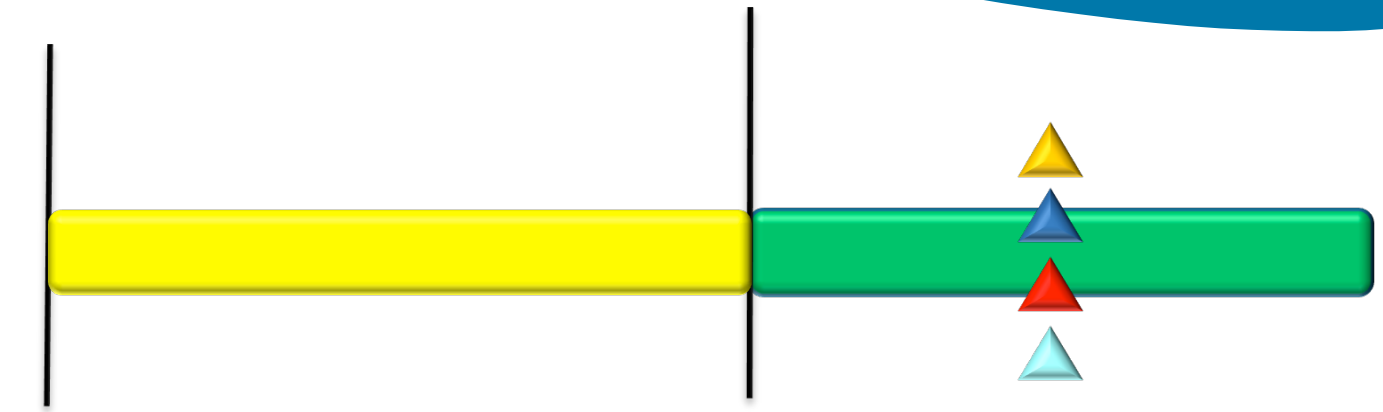
Pass without conditions

Monitoring, control and surveillance mechanisms ensure the fishery's management measures are enforced and complied with.

RFMOs	Feb 13	Dec 13
ICCAT	75	75
WCPFC	80	80
IATTC	80	80
IOTC	70	70

MSC Performance Indicators: P3

3.2.4 - Research Plan



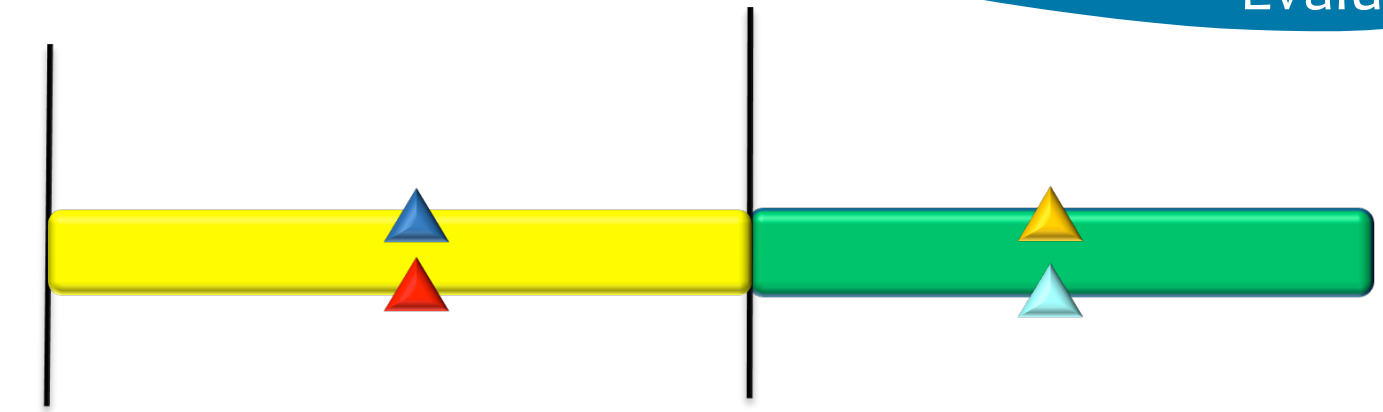
Pass without conditions

The fishery has a research plan that addresses the information needs of management.

RFMOs	Feb 13	Dec 13
ICCAT	90	90
WCPFC	90	90
IATTC	90	90
IOTC	90	90

MSC Performance Indicators: P3

3.2.5 Monitoring & Performance Management Evaluation



60 Fail

80

Pass without conditions

There is a system for monitoring and evaluating the performance of the fishery-specific management system against its objectives. There is effective and timely review of the fishery-specific management system.

RFMOs	Feb 13	Dec 13
ICCAT	90	90
WCPFC	70	70
IATTC	70	70
IOTC	90	90