**North Pacific Shortfin Mako Shark (Isurus oxyrinchus)**

**Stock Status & Trends plus Management Advice and Implications**

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# SC13 2017

1. **Stock status and trends**
2. **SC13 noted that there is no existing stock assessment for North Pacific shortfin mako shark.**
3. **Management advice and implications**
4. **SC13 noted that no management advice has been provided for North Pacific shortfin mako shark.**

# SC12 2016

1. **Stock status and trends**
2. **SC12 noted that there is no existing stock assessment for North Pacific shortfin mako shark.**
3. **Management advice and implications**
4. **SC12 noted that no management advice has been provided for North Pacific shortfin mako shark.**

# SC11 2015 (Indicator Analysis)

1. **Status and trends**
2. **SC11 noted that ISC provided the following conclusions on the stock status of North Pacific shortfin mako shark:**

***“Shortfin mako is a data poor species. Recognizing that information on important fisheries is missing, the untested validity of indicators for determining stock status, and conflicts in the available data, stock status (overfishing and overfished) could not be determined. Managers should consider the undetermined stock status of shortfin mako shark in the North Pacific when developing and implementing management measures.***

***The ISC SHARKWG reviewed a suite of information to determine the stock status of shortfin mako shark in the North Pacific. Of the three indices considered to have the greatest value in providing stock status information, abundance trends in two of the series appear to be stable or increasing, while the abundance trend in the third series appears to be declining.”***

1. **Management advice and implications**
2. **SC11 recommends that the Commission consider the undetermined stock status of shortfin mako shark in the North Pacific when developing and implementing management measures.**

**Recommendations**

1. **SC11 noted the following conservation advice from ISC:**

***“It is recommended that data for missing fleets be developed for use in the next stock assessment scheduled for 2018 and that available catch and CPUE data be monitored for changes in trends. It is further recommended that data collection programs be implemented or improved to provide species-specific shark catch data for fisheries in the North Pacific.”***

1. **SC11 noted that the quality of fisheries data for shortfin mako shark, varied for the fleets in the indicator analysis. SC11 recommends that changes in fishing practices of all fleets fishing in the WCPO be documented through time and noted that this information would be important for assessing fishery impacts on all species including shortfin mako shark.**

# Useful References

The ISC conducted an indicator analysis in 2015 (link below) and a full assessment is planned in 2018

WCPFC-SC11-SA-WP-08 Indicator-based analysis of the status of shortfin mako shark in the North Pacific Ocean. <https://www.wcpfc.int/node/21778>