

INTER-AMERICAN TROPICAL TUNA COMMISSION
COMISIÓN INTERAMERICANA DEL ATÚN TROPICAL

WORKING GROUP TO REVIEW STOCK ASSESSMENTS

7TH MEETING

LA JOLLA, CALIFORNIA (USA)
15-19 MAY 2006

DOCUMENT SAR-7-16

MANAGEMENT STRATEGY EVALUATION

PROPOSED MID-YEAR MEETING TOPIC

This year we would like to convene our mid-year technical meeting to address management strategy evaluation. Recently, there has been concern over the status of bigeye tuna in the EPO and therefore we would like to focus applications on that stock. We are less interested in automated-type control rules which prescribe management reactions to changes in abundance, but rather we are more interested in what modifications of the current fishing practices would lead to sustainable populations about the levels that would support MSY and methods to evaluate these strategies. We are also particularly interested in evaluating the tradeoffs between the main target species.

Some management options worth pursuing include:

1. Time and area closures
2. Fleet capacity controls
3. National or individual vessel quotas
4. Restrictions on some types of gears, or their configuration, such as depth of purse seine nets
5. Quotas for catches of bigeye less than 60cm in length.

The types of analyses used to evaluate these management strategies could range from basic data exploration using regression trees to forward simulations using stock assessment models.

Other options could be discussed as well as methods to evaluate and compare the various options.