

Comisión Interamericana del Atún Tropical
Inter-American Tropical Tuna Commission



ADJUSTING SET LIMITS FOR NUMBER OF FAD DEPLOYMENTS
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Slide 1

A1 You can use the generic pic for landing page
Author, 2/27/2018

Rationale

- Set limit needs to account for increase in the catch per set
- Catch-per-successful set increases with the number of FAD deployments
- Limiting the number of FADs per vessel is problematic
 - Number of FADs owned per vessel is not known
 - Appropriate number of FADs per vessel cannot be determined
 - Issues associated with monitoring the number of FADs per vessel.
- Adjust the annual limits on the number of sets to compensate for the increase in the number of FAD deployments.

Method

- Relationship between the number of FAD deployments and catch-per-set was determined based on annual per-vessel data.
- Total annual number of FAD deployments converted into a per-vessel basis.
- FAD deployments increased by 24.2% during 2013-2016
- FAD deployments by a single vessel (300) was increased by the same percentage, to 373.
- The corresponding increase in CPSS was then calculated from the relationships for each of the four years (2012-2015)
- Average annual percentage increase in CPS of 2.7%
- Annual set limit was reduced each year by this percentage



Results

- Practical difficulties of monitoring floating-object sets alone
- The limit be applied to the both floating-object and unassociated sets combined.

	OBJ + NOA
2015-2017 average	22,200
2018	21,608
2019	21,031
2020	20,470



Questions



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