

Comisión Interamericana del Atún Tropical
Inter-American Tropical Tuna Commission



Review of IATTC Resolutions C-16-01 and C-17-02: available information and data gaps (cont.)

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Introduction – commitments

- From the last meeting recommendations:



1. FAD data collection **form 9/2016** and its instructions, established pursuant to Resolution C-16-01, and the observer program's *Flotsam Information Record* will be **modified** to include new fields that will enable FADs to be tracked over time, incorporating options such as interaction with natural objects that are being tracked and buoy changes. The new form will be presented to **SAC-09 for adoption**. Once this new form is adopted, an **electronic version will be developed** as an alternative to the paper version.



4. CPCs, the IATTC staff, and the staff of national observer programs shall strive to organize **training workshops** that will train vessel captains, crew and government authorities **to properly fill out FAD data forms** related to the requirements of Resolution C-16-01.



5. Following the decision of the Commission, the IATTC staff will finalize, before the Commission meeting in August 2018, **the development of a common database to be used by the IATTC staff for the management of FAD data collected pursuant to Resolution C-16-01**. All data included in the database will be handled in a manner consistent with the Commission's confidentiality standards.



9. The staff shall provide **two email addresses to centralize the submission of FAD data** required by Resolutions C-16-01 and C-17-02.



12. The Working Group, with the collaboration of the IATTC staff, should continue developing **definitions intersessionally for a set of terms related to FAD fishing operations**. The terms recommended for definition include those related to the utilization of buoys and other relevant terms. This **task** should be **finalized by the annual meeting** of the Commission **in August 2018**.



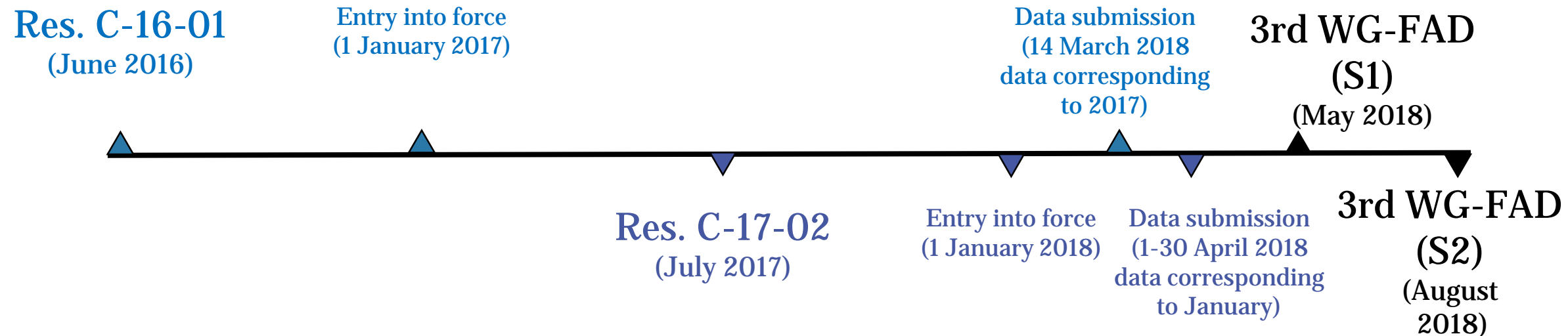
13. **Continue the project** on the implementation of **biodegradable FADs** in the EPO that has been initiated by the IATTC scientific staff. The Working Group also recommends that the IATTC staff **develop a robust experimental design and ensure an effective coordination of the project**, including with other relevant initiatives. The **commitment and active involvement of CPCs** in promoting the participation of the industry are critical for the success of the project.

Introduction – commitments

- From the last meeting recommendations:
 - ✓ New FAD 9/2016 form.
 - ✓ Training workshop for FAD 9/2016 form: early 2019?
 - ✓ Development of the FAD database and its connection with the IATTC database.
 - ✓ Email addresses for FAD data reporting:
 - FADform@iattc.org → Res. C 16-01
 - BuoyInfo@iattc.org → Res. C 17-02
 - ✓ Feedback on the FAD-related definitions.
 - ✓ Strengthen the design of the BIOFAD project and promote collaboration.

Introduction -

Timeline of events with regards Res. C-16-01 and C-17-02



- Two Resolutions have been established in the EPO in recent years
 1. **C-16-01** on the collection and analyses of data on FADs
 2. **C-17-02** on the conservation measures for tropical tunas during 2018-2020

FAD-RELATED DATA PROVIDED TO THE IATTC STAFF AS OF 15 AUGUST 2018

Res. C-16-01

Data provided to the IATTC staff, as of 15 August 2018, under Resolution C-16-01, from trips starting in 2017, by fleet.

2017 - No. de viajes - No. of trips (actualizacion-update)

Pabellon Flag	Viajes totales estimados * Estimated total trips*			Con lances sobre plantados ** With sets on FADs**			Formularios provistos Provided forms			% Cumpl. % Compl.
	Clase - Class			Clase - Class			Clase - Class			
	< 5	5	6	< 5	5	6	< 5	5	6	
COL	10	7	44	2	6	44	2	6	44	100%
ECU	302	73	373	64	20	373	46	14	218	61%
MEX	21	10	198			93			8	9%
NIC			30			23			4	17%
PAN			80			78			10	13%
PER	10	17	18			11			0	0%
SLV			12			12			12	100%
UE - EU			11			11			11	100%
USA	82		47			44			9	20%
VEN			41			33			2	6%
Sub-Total	425	107	854	66	26	722	48	20	318	47%

FAD-RELATED ACTIVITIES BY FLAG FOR 2017

Res. C-16-01 Provide data on any FAD-activity.

2017 – IATTC and national observer programs				
Flag	Vessels	FAD Enc.	Seeded	#Sets
COL	13	2261	282	1138
ECU	94	31769	14820	7232
MEX	42	731	67	393
PAN	16	5320	2477	1466
PER	4	160	30	51
USA	12	3551	2094	742
ESP	2	1074	729	103
VEN	13	916	243	352
NIC	7	947	395	342
SLV	2	886	474	269

FAD-RELATED DATA PROVIDED TO THE IATTC STAFF AS OF 20 AUGUST 2018

Res. C-17-02

Data provided to the IATTC staff, as of 20 August 2018, under Resolution C-17-02, by fleet.

Flag	Vessels	Data	2018					
			1	2	3	4	5	6
Colombia	14	Raw	14	14	14	14	14	
Ecuador	116	Inf1 ; Inf2	96	99	106	102		
El Salvador	2	Inf1 ; Inf2	2	2	2	2	2	2
EU ESP	4	Inf1 ; Inf2	2	2	2			
Mexico	52	No data	0	0	0	0		
Nicaragua	7	Inf1 ; Inf2; Inf3	1	1	1	1		
Panama	17	Inf1 ; Inf2; Inf3; Inf4	8	8	7		1	
Peru	14	No data	0	0	0	0		
United States	34	Raw; Inf1	10	10	10	10	11	5
Venezuela	21	No data	0	0	0	0		

FAD-RELATED ACTIVITIES BY FLAG FOR 2018

Res. C-17-02 Provide data on any active FAD.

2018 – IATTC observer data only				
Flag	Vessels	FAD Enc.	Seeded	#Sets
COL	7	286	21	133
ECU	66	10050	4590	1922
MEX	18	234	2	113
PAN	11	1437	710	407
PER	3	48	0	14
USA	9	1317	707	107
ESP	2	488	207	61
VEN	8	408	120	114
NIC	4	285	159	61
SLV	1	180	75	56

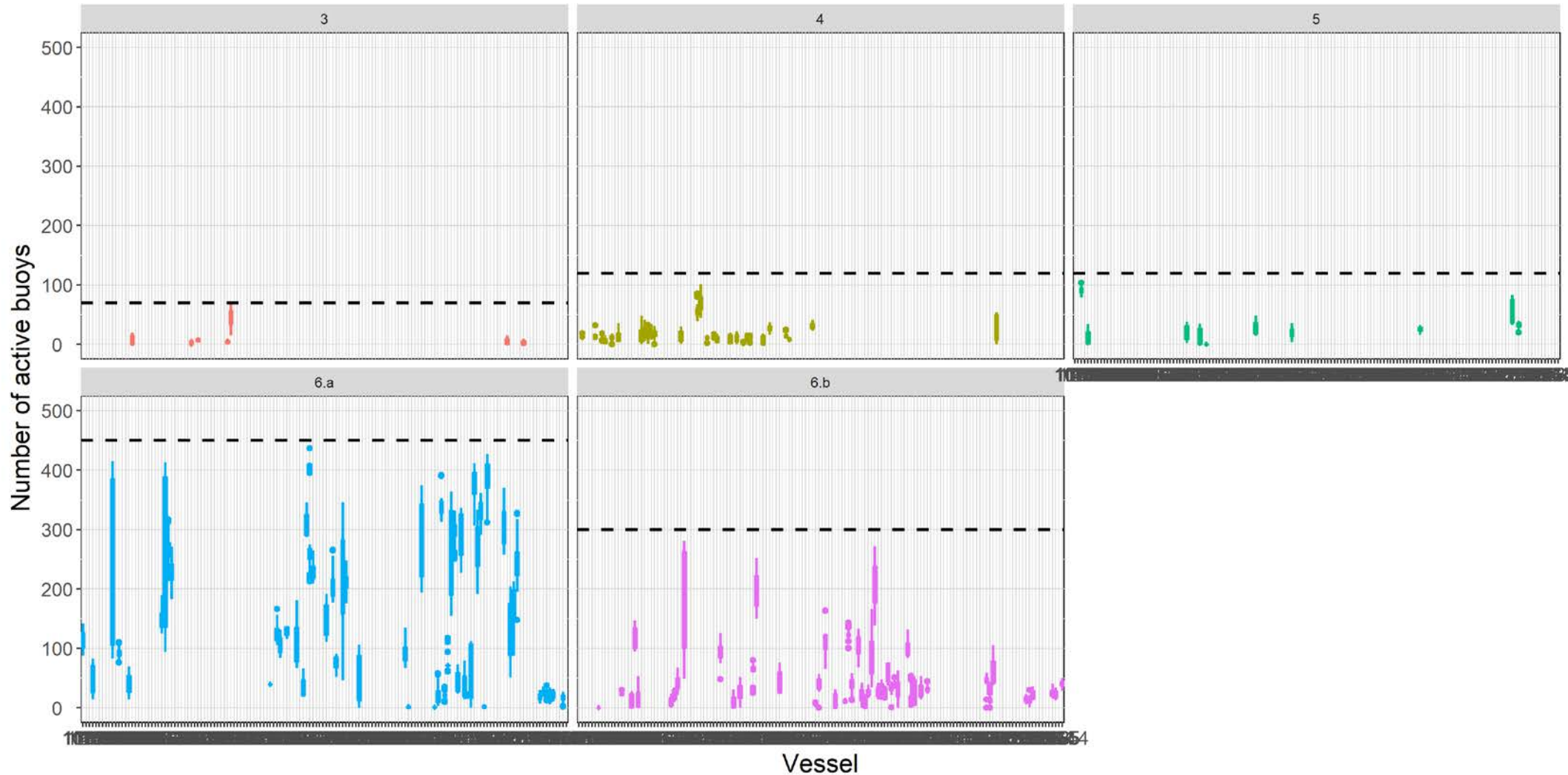
Preliminary results of active FADs by size class

Res. C-17-02 Daily active FADs per vessel and size class (n= 148)



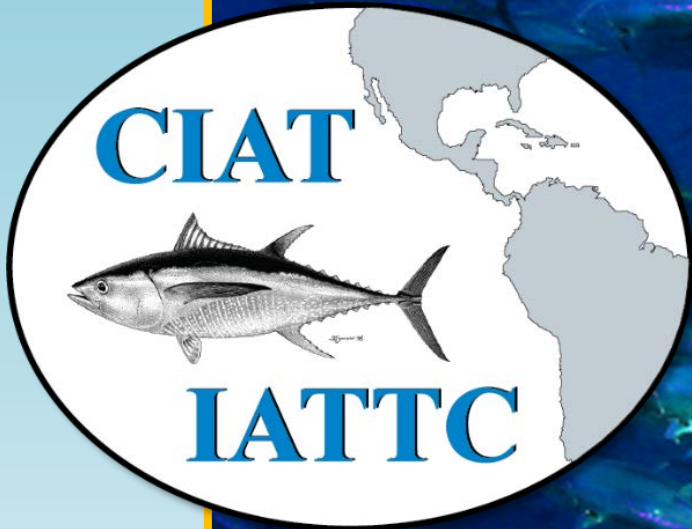
Preliminary results of active FADs by size class

Res. C-17-02 Daily active FADs per vessel and size class (n= 148)



CONCLUSIONS

- **Poor data reporting for C-16-01.**
 - Some fleets not yet reporting.
 - Some vessels not yet reporting.
 - A training workshop is being planned for early next year.
 - New FAD form ready to go.
 - Connection between new FAD form and IATTC database is OK.
- **Significant improvement in C-17-02, although several issues need to be kept in mind:**
 - Some fleets not yet reporting.
 - Some vessels not yet reporting.
 - Unclear flag/vessel-specific reporting format and data processing methodology.
 - Some issues with certain files (e.g. Inf2 not well reported)
 - Need to specify data reporting system and format by vessel.



Questions

