



FAD Management Options IWG

WCPFC SC12

Stones Hotel, Bali, Indonesia,

03rd – 11th August 2016

Revised 2016 Workplan

- Consider draft research plan - Aug 2016
- FAD logsheet data fields - Aug 2016
- Management Options Paper - Aug 2016
- Consultancy FAD marking & ID - Aug 2016

Draft proposed research plan

- SPC presented a summary of ideas for a research plan on FAD impacts, FAD management and aims to develop a scientific and practical understanding of the dynamics and behaviour of the system in order to improve stock assessments and inform management discussions.
- SPC noted activities taking place in this area already including a FAD tracking trial by the PNA in 2016 and EU funded research focusing on some of these areas and spoke to a number of areas of possible FAD research and previous work carried out by NGOs such as ISSF.
- Follow on from Attachment D

Draft proposed research plan

- Area 1 – FAD design, particularly tangling/non-entangling subsurface structures and length of subsurface structures
- Area 2 – Tuna behaviour, gathering information on bigeye, skipjack, yellowfin vertical behaviour in relation to drifting FADs.
- Area 3 – Hotspots analysis . This work would focus on what they were doing differently and would look at purse-seine logsheet data in more detail to indicate geographic hotspots or operational methods that result in high bigeye tuna catches.
- Area 4 – acoustic-equipped FADs. This would focus on the question of whether acoustically-equipped drifting FADs could provide useful fishery-independent information on tuna abundance in near real time.
- Area 5 – Fleet behaviour. This would ask how developing FAD technology has affected fleet behaviour, whether effective fishing effort has increased due to the deployment of more advanced FAD designs and equipment (effort creep) and whether it can be quantified

Draft proposed research plan

- Posted as ST-WP-06
- Key considerations for feedback
 - Research focus (effort creep, FAD density, vessel)
 - Compilation of catch data set
 - Reporting of vessel specific characteristics (agg)
 - Approach for cost benefit rating (qual/quant)
 - Provision of acoustic FAD data
 - FAD construction and design (note ISSF work, EU research work – NETMO, ECOFAD, FADIO)

FAD logsheet fields

- Posted as ST-WP-08
 - No consultancy awarded
 - Draft fields developed based on ROP Min Data Fields
 - This list is not exclusive and welcome thoughts on additional fields that may be pertinent with an existing complimentary ROP Data Field
 - Some synergies with IATTC form, consider fields and possibly activity codes

FAD Marking & ID

- Consultancy advertised in early July 2016
- Consultancy awarded in late July 2016
- Consultant aiming at having initial draft ready by TCC12
- Report to be presented at IWG meeting