



Pacific
Community
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Review of Project 60 outputs and workplan

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ST-WP-02

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Overview

- Context

- Work plan

- Recommendations

*Project 60:
Collection and
evaluation of purse seine
species composition data -
paired sampling and
unloading data
comparisons*

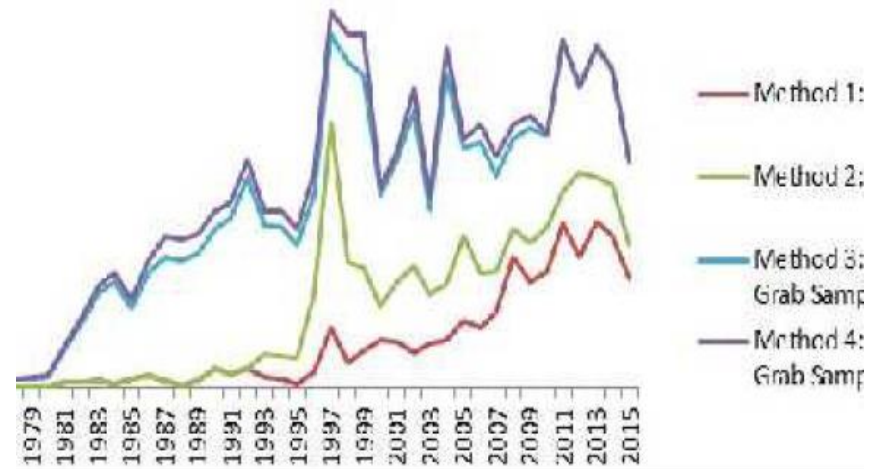
Context

- Project focus on species composition data for tuna caught by purse-seine fisheries
- Observers historically used grab sampling
- Development of spill sampling
- Comparison between two methods suggests spill sampling is more accurate better



Context

- The project is well established – and still needed
- Two recommendations from SC11 – one addressed in ST-IP-03
- Approach to addressing the second recommendation is this paper



Bigeye (Figure 1 in ST-IP-03)

Work plan: 2016-17

- Investigating key sources of sampling bias
- Exploring other sampling approaches
- Developing a medium term approach to monitoring catch composition



Work plan: 2016-17

- *Investigating key sources of sampling bias*
- Review historic information
- Undertake additional paired spill/grab sampling – includes changes to spill approach for vessels where it is not currently practical
- Undertake additional unloading sampling
- Investigative data analysis

Work plan: 2016-17

- *Exploring other sampling approaches*
- Review available unloading's data
- Review available electronic monitoring approaches
- Potentially test EM for catch composition



Source: www.digitalobserver.org

Work plan: 2016-17

- *Developing a medium term approach to monitoring catch composition*
- A least-biased methodology to ascertain catch composition
- Standard observer sampling protocols
- Design of an ongoing sampling programme
- Development of systems to support ongoing monitoring



Recommendations

- Note recommendation from SC11 on producing catch composition estimates has been actioned – and continues
- Note the indicative work plan for project 60 in 2016-17
- Note that at-sea paired sampling will also have a focus on resolving operational issues in use of spill sampling
- Note the intention to obtain high quality landing data to support the work
- Note the intention to investigate alternatives to observer sampling
- Note the intended outputs (standard method, observer protocol, medium-term monitoring plan)
- SC endorse the work plan