
DRAFT: AGENDA FOR IOTC CPUE STANDARDISATION WORKSHOP

LAST UPDATED: 8 SEPTEMBER 2013

Date: 21–22 October 2013

Location: TBA, San Sebastián, Spain.

Time: 09:00 – 17:00 daily

Chair: Dr. Hilario Murua

- 1) Overview of approaches to use in standardisation: Secretariat
- 2) Data overview by fleets currently operating in the IO (See Survey attached)
 - a. Data collection procedures
 - i. Longline Fleets (LL) : Japan, Korea, Taiwan,China
 - ii. Purse Seine Fleet: EU, Other
 - iii. Bait Boat Fleet: Maldives
 - iv. Others:
 - b. Operational data resolution
 - i. Longline Fleets (LL) : Japan, Korea, Taiwan,China
 - ii. Purse Seine Fleet: EU, Other
 - iii. Bait Boat Fleet: Maldives
 - iv. Others:
- 3) Current procedures used for Standardization (See Survey attached)
 - i. Longline Fleets (LL) : Japan, Korea, Taiwan,China
 - ii. Purse Seine Fleet: EU
 - iii. Bait Boat Fleet: Maldives
 - iv. Others:
- 4) Issues for Improvement of standardization Procedures (Start with WPTT Reports)
 - a. Fishery changes over time (including targeting and technological creep):
 - i. Longline Fleets: Japan, Taiwan China
 - ii. Purse Seine Fleets: EU
 - iii. Baitboat Fleets
 - iv. Other Fleets
 - b. Spatial structure changes:
 - i. Longline Fleets: Japan, Taiwan China
 - ii. Purse Seine Fleets: EU
 - iii. Baitboat Fleets
 - iv. Other Fleets
 - c. Data Problems and gaps
 - i. Longline Fleets: Japan, Taiwan China
 - ii. Purse Seine Fleets: EU
 - iii. Baitboat Fleets



- iv. Other Fleets
- d. Methods for CPUE standardization??
 - i. Longline Fleets: Japan, Taiwan China
 - ii. Purse Seine Fleets: EU
 - iii. Baitboat Fleets
 - iv. Other Fleets
- 5) Combining CPUE series for stock assessment and Management Implications (Iago, Hilario, Invited Expert)
- 6) Common guidelines for CPUE standardization to be used in Stock Assessment
- 7) Recommendations (Secretariat)

Basic Survey By fleet

	Field	Examples	Notes
Descriptive	Fleet	LL/PS/BB	
	Data Source	Survey/Observor/Other	
Temporal	Temporal Resolution	Daily/Weekly/Monthly	
Spatial	Spatial Resolution	1 degree/5 degree	
Fishery	Fleet Resolution	By Boat/Aggregated sets of boats	
	Effort Unit	Search Time, Number of Hooks Per Basket etc	
Operational	Species directed measures		
Environment	Exogenous/Environmental variables	Depth, SST, SLP, etc.	
Vessel	Vessel variables		
	Captain experience		
	Boat size		
	Crew etc.		
Other	Technology improvements		
	Missing Data/ 0 issues etc		
CPUE Standardization Related			
Technique Used	Log_Normal, Regression Trees, Delta_log Normal, etc		
Data Issues			
Resolution at which Conducted	Temporal/Spatial		
Improvements Required			