

2012 EM Season Results

Pacific States Marine Fisheries Commission

Electronic Monitoring Workshop
Pacific Fishery Management Council
Portland, OR
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PSMFC Project – 2012 Season Results

- Observer data were not made available to provide data comparisons between observer data and video data for this briefing book
- 2012 Vessels outfitted with cameras:
 - Whiting: 6 vessels
 - Both shoreside and at-sea deliveries
 - Deliveries to Newport & Astoria primarily
 - - Fixed gear vessels: 5 vessels
 - 4 pot boats; 1 pot & line gear boats
 - Deliveries to Morro Bay & Half Moon Bay
 - All cameras supplied by Archipelago Marine Research (AMR)
 - Video review software provided by AMR
- NMFS direction: PSMFC met with representatives of the NW Region and NW Fisheries Science Center (July) to receive NMFS direction on cameras

PSMFC Project – 2012 Season Results - continued

- PSMFC secured funding to support camera field work through June 2014
- PSMFC hired/trained 1 video reviewer; on line to hire second in March
- PSMFC/IPHC PIs discussed possibility of developing analysis/modeling of halibut viability using available or readily available data:
 - Sea temperature
 - Deck temperature
 - Length of tow/set
 - Length of time on deck
 - PSMFC has funds to support modeling efforts at the levels described by IPHC PI
- PSMFC, in collaboration with the AFSC Observer program, provided cameras for use in software development to expedite video review
- PSMFC developed video storage array: ~100TB main storage with similar sized backup storage

Fixed gear data summary (70 trips)

Trips

Total Number	70
Problem Trips	12
Missing Video Data	1
One or both ends of trip based on timegap	12
Pass	45

Hauls

Observer Haul Count	273
Video Haul Count	851

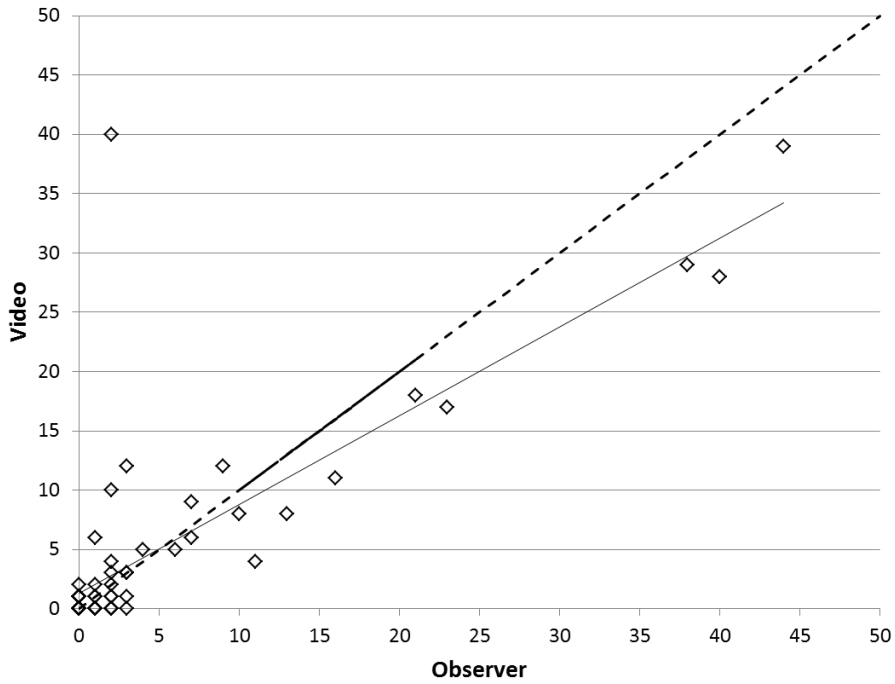
Data Quality by Haul

High	619
Medium	177
Low	49
No Video	6

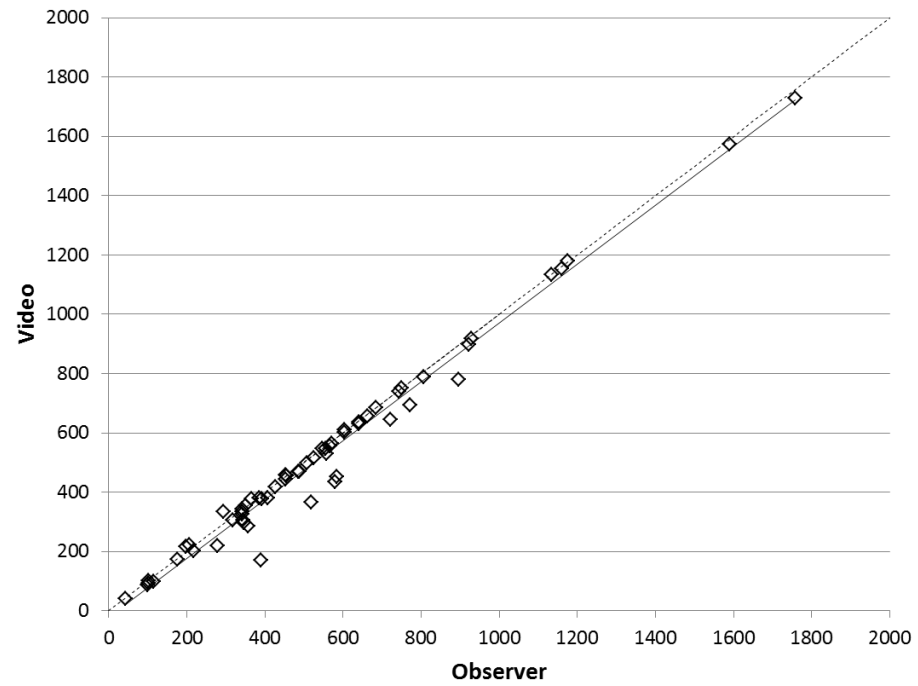
Retained and Discarded Counts of Fish

Group	Discarded		Retained	
	Observer	Video	Observer	Video
SABLEFISH	293	296	31,988	30,547
ROCKFISH + THORNYHEAD	175	139	3,396	3,153
FLATFISH	116	102	70	47
FISH	63	6	0	8
SHARK	19	13	0	1
SKATE	0	1	0	0

Discarded Sablefish



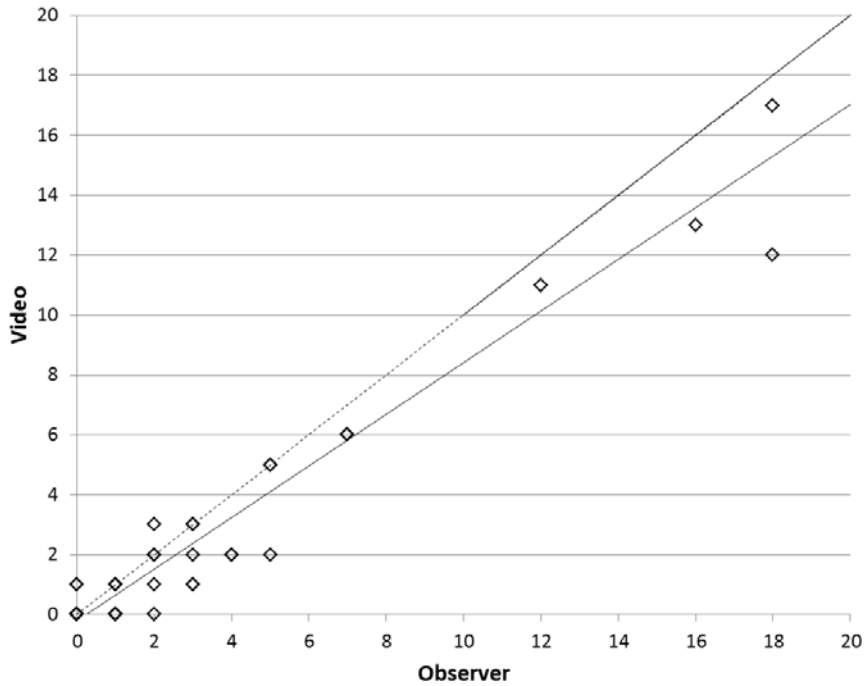
Retained Sablefish



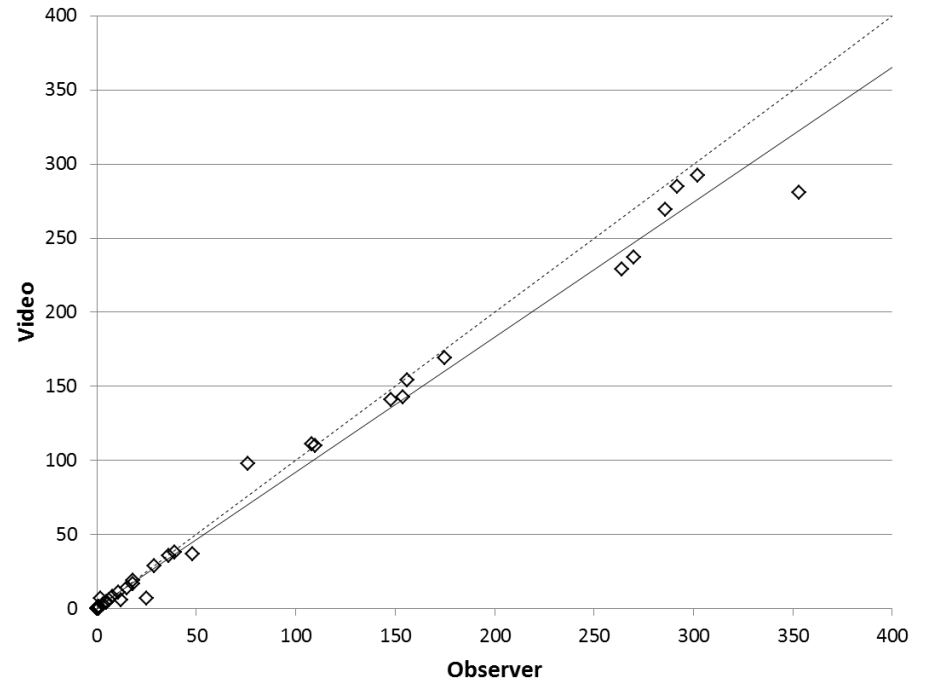
Sablefish Discarded	Min	Median	Mean	Max	Total
Video	0	1	5.02	40	296
Observer	0	1	4.97	44	293

Sablefish Retained	Min	Median	Mean	Max	Total
Video	42	455	517.75	1730	30547
Observer	42	488	542.17	1758	31988

Discarded Rockfish + Thornyheads



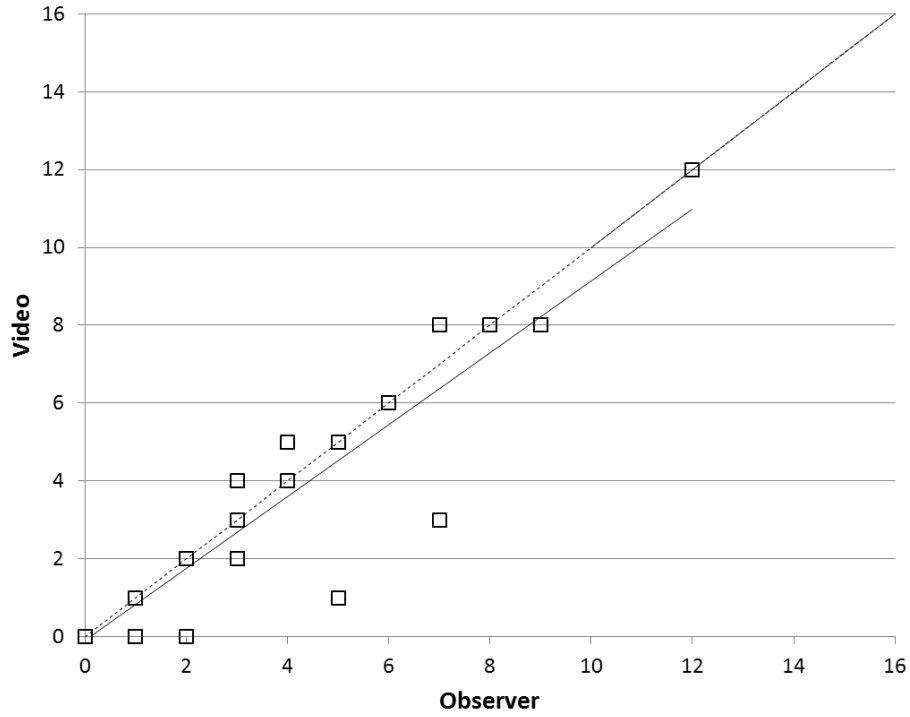
Retained Rockfish + Thornyheads



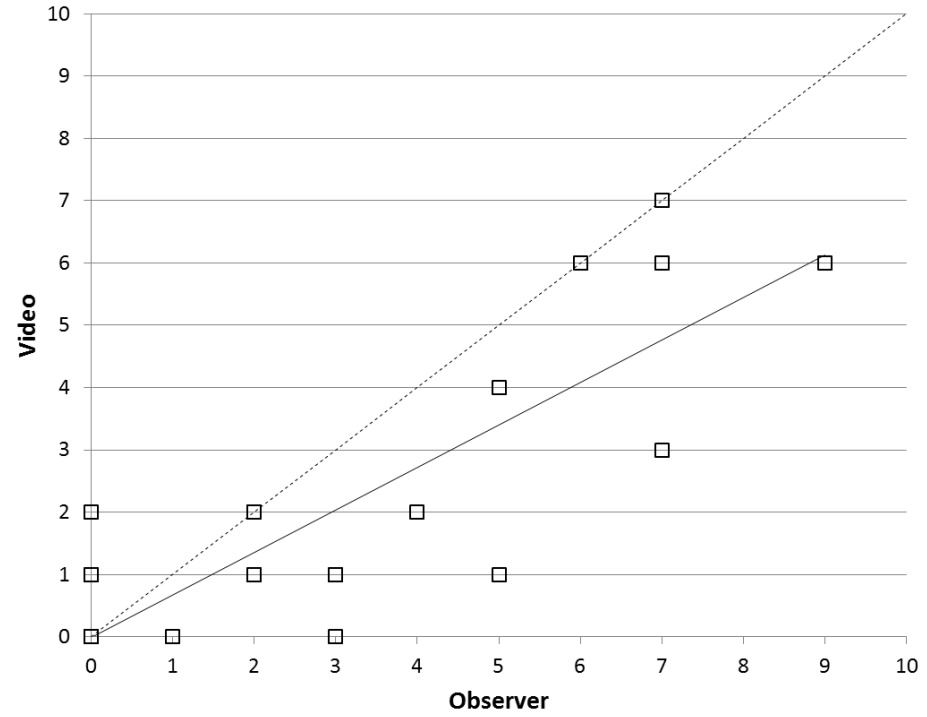
Reds Discarded	Min	Median	Mean	Max	Total
Video	0	0	2.36	28	139
Observer	0	1	2.97	31	175

Reds Retained	Min	Median	Mean	Max	Total
Video	0	3	53.44	380	3153
Observer	0	2	57.56	414	3396

Discarded Flatfish



Retained Flatfish



Flatfish Discarded	Min	Median	Mean	Max	Total
Video	0	0	1.73	12	102
Observer	0	0	1.97	12	116

Flatfish Retained	Min	Median	Mean	Max	Total
Video	0	0	0.83	7	49
Observer	0	0	1.19	9	70