



**SCIENTIFIC COMMITTEE
TENTH REGULAR SESSION**

Majuro, Republic of the Marshall Islands
6-14 August 2014

**ANNUAL REPORT TO THE COMMISSION
PART 1: INFORMATION ON FISHERIES, RESEARCH, AND STATISTICS**

WCPFC-SC10-AR/CNM-30

BELIZE

BELIZE'S Annual Report – Part 1: Information on Fisheries Research and Statistics

Scientific data was provided to the Commission in accordance with the decision relating to the provision of scientific data to the Commission by 7 th July 2014	YES our scientific data was provided to the Commission on 28 th July 2014
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1. Abstract/Summary

Belize's long line tuna fishing fleet operating in the WCPFC Convention Area has shown a steady decrease in its catch and effort from 2005-2013. There has been a reduction from 42 vessels fishing exclusively in 2005 to 5 in 2013, five of these vessels were licensed exclusively for operation in the WCPFC area, however, only 1 actively fished in the area. The remaining 4 vessels were laid up. Due to the reduction in fishing effort, all our catches have decreased when compared with earlier years. There has been a 92% reduction in our overall catches from 3445.99 m/t in 2003 to 335.30 m/t in 2013. However, this reduction is as a result of 4 of the vessels being laid up for most of the year due to socio-economic costs. Albacore was the main target specie from 2003 to 2006. However, our catches of Yellowfin tuna exceed those of albacore in 2007 up to 2009. Bigeye tuna catches exceeded that of Yellowfin in 2012 and Bigeye was the major target specie in 2013 as well. The average size of our vessels has also risen from 191 GT in 2003 to 758 GT in 2013. The majority of the vessels that operated during the period 2003-2006 were between 51-200 GT. In 2013, 2 of our vessels were over 500GT.

Swordfish is the most common non-tuna by-catch in our long line fishery followed by Blue Marlin, Stripped Marlin and Brown Shark. The large reductions in our long line effort have also resulted in the reduction in catches of our major by-catch species.

We did not receive any reports of seabirds and sea turtle interaction by our vessel in 2013. In 2008 we introduced measures to mitigate the impact of Highly Migratory Fish Stocks on seabirds and sea turtles and advised the Secretariat of the measures currently being utilized by our vessels.

Our fishing vessel owners/operators are required to submit data of their fishing operations based on our format for such reporting and in compliance with the

WCPFC's reporting guidelines. For the purposes of ensuring compliance, surveillance is conducted on a regular basis or as a result of an investigation.

2. Tabular Annual Fisheries Information

Table 1: Annual catch and effort estimates for our national fleet, by gear and primary species for years 2008-2013

Year	Effort	No. of Vessels	Albacore	Yellowfin	Bigeye	Swordfish	Marlin	Blue Marlin	Black Marlin	Stripped Marlin
2013	828640	1	13.5	21.0	217.0	42.7		8.6	0.1	7.0
2012	771120	1	31.75	29.721	132.188	9.903	18.803	18.803		1.35
2011	924336	1	104.611	12.77	101.88	18.84		3.271		5.545
2010	140101	1	9.879	27.949	88.813	6.999		2.909		2.688
2009	520758	6	25.6	121.00	42.8	2.2		9.84		9.5
2008	910164	6	7.313	128.98	89.499	4.281		12.783	37.393	0.00

Figure 1.

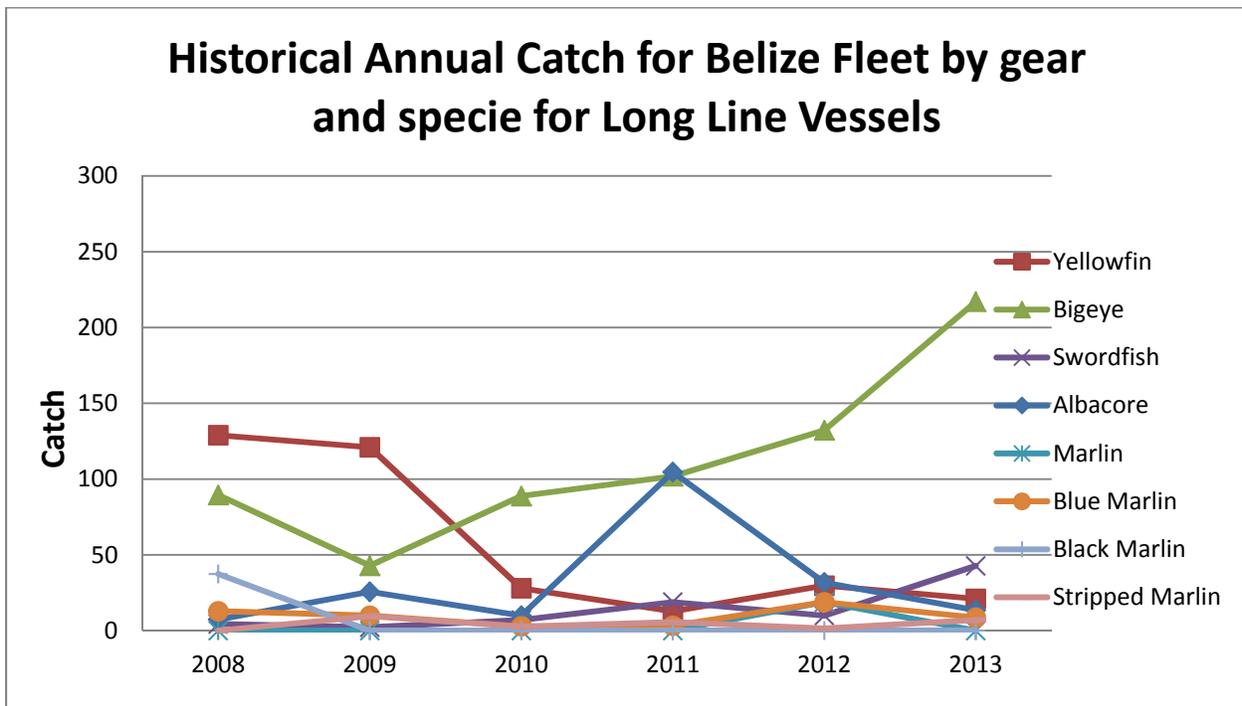


Table 2: Number of Belize flagged long line fishing vessels by size active in the WCPFC Convention Area for years 2008-2013

Year	0-50	51-200	201-500	500+	Total
2013	2	1		2	5
2012				6	6
2011				6	6

2010				6	6
2009				6	6
2008		1		5	6

Figure 2.

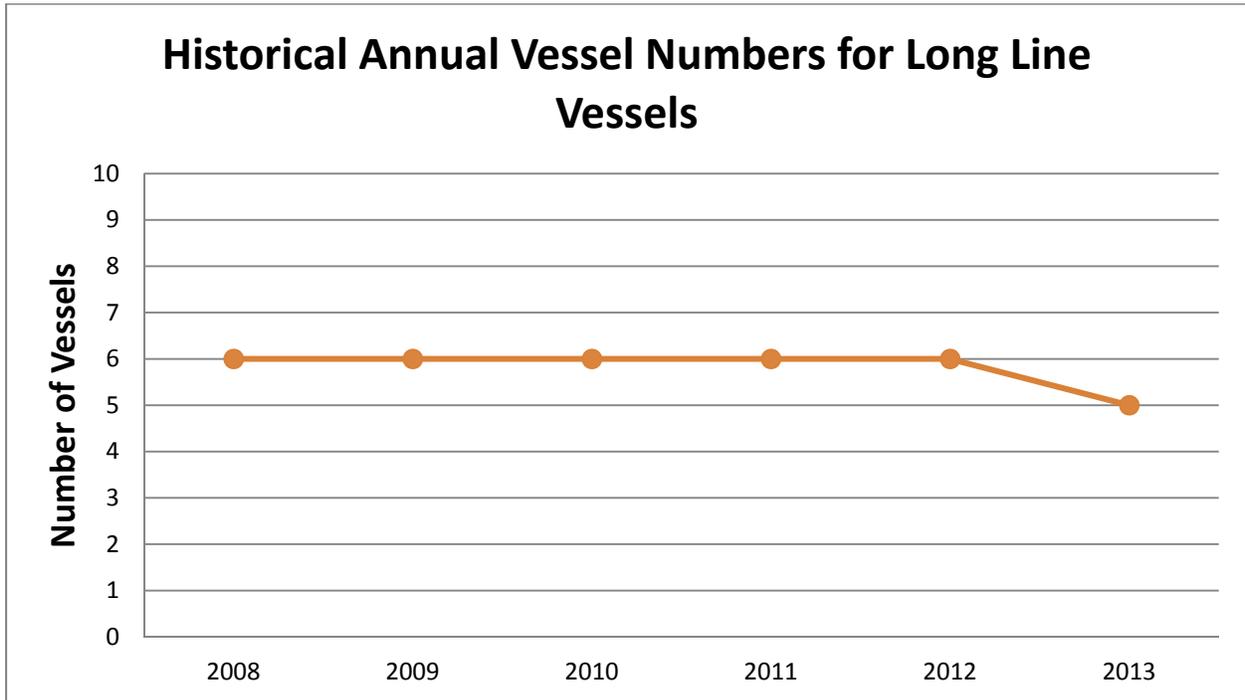


Table 3: Observed annual estimated catches of species of special interest, such as seabirds, turtles and marine mammals.

We have no reports of any interaction with species of special interest from our vessels operating in the WCPFC Convention area.

Table 4: Annual estimated catches of non-target and dependent species by Belize flagged long line fishing vessels operating in the WCPFC Convention Area.

Year	Sharks	Skipjack	Sailfish	Wahoo	Total
2013	25.4				25.40
2012	4.128				4.128
2011	10.611				10.611
2010	0.864				0.864
2009			2.29		2.29
2008			2.573		2.573

3. Background

Belize is Co-operating non-Member of WCPFC. Belize flagged fishing vessels have been operating in the Convention area since 1991. However, as you will observe from Figure 2 above, the number of vessels operating in the WCPFC has declined drastically from 2008-2013. Nonetheless, all our vessels are licensed to operate in the WCPFC Area and we have complied with all the Commission's requirements for data submission.

Flag State Reporting

- Only one vessel transshipped in the overlap area of WCPFC during 2013. This transshipment was observed and recorded by IATTC observer.
- All of our vessels operating in the WCPFC Area in 2013 consisted of long line vessels.
- There has been a reduction in the number of active long line vessels from 54 in 2001 to 5 in 2013.
- Majority of our vessels which are on the WCPFC authorized vessels in 2013 were laid. As a result our catches are much reduced when compared with earlier years.
- The average sizes of our vessels have rose from 191 GT in 2003 and remains at 758 GT in 2013. Also, their specification has improved. We currently have 5 long liners with freezing capacity of -60C.

4. Coastal State Reporting

We are not a Coastal State in the WCPFC Area.

5. Socio-economic factors

As we reported above, half of our vessels have been laid up since 2008. This was reported as being influenced by high expenses incurred for daily operation of the vessels.

6. Disposal of Catch

The vessel which actively fished in the WCPFC area carried out authorized transshipment at sea observed by IATTC observer in the IATTC/WCPFC overlap area.

7. Onshore Developments

We are not a Coastal State and therefore do not have any processing plants and/or support facilities etc.

8. Future Prospects of the Fishery

At this present time, Belize has made an administrative decision not to apply for the renewal of cooperating non-member status for 2015 in WCPFC due to plans of creating a stronger control over its existing fleet by implementing a revised High Seas Fisheries Act 2013 (Enacted November 2013) and subsidiary regulations such as our License regulation (S.I. No. 33 of 2014), Sanctions Regulation (S.I. No. 32 of 2014), Monitor, Control and Surveillance (MCS) regulation (S.I. No. 39 of 2014) etc. The implementation of a National Plan of Action for IUU fishing (Adopted February 5th, 2014), National Plan of Action for Seabirds and Sea turtles (in process), National Plan of Action for Sharks (in process) and a National Plan of Action for Capacity (in process). The implementation of a National Observer Program (contractual agreement with CAPFISH on April 1, 2014), a National Inspection Program (September 1, 2014) and a 24 hour Fisheries Monitoring Center comprising of a newly advance VMS and E-Log system (June 1, 2014). Belize has taken great strides in creating a Fleet policy which will complement Belize's current and developing capacity. Belize expects to re-apply for cooperating non-member status with WCPFC in the future after it has fully implemented all the necessary elements to maintain better control over its fleet and until it has created the capacity to fully meet all the requirements set forth within WCPFC.

9. Status of the Tuna Fishery data collection systems

Log sheet data collection and verification - Fishing vessel owners/operator are required to submit data on their fishing operations based on our format for such reporting, which includes a detailed Fishing Log and Fishing Vessel Voyage Report that is submitted after each voyage as well our newly implemented log book which is kept on board each vessel and submitted for verification on a yearly basis showing information regarding positions, time/dates, sets, catches by species etc. that is in compliance with the requirements of WCPFC concerning the Standards for the Provision of Operational Catch and Effort Data. Our operational effort level is verified by VMS and our coverage was

100% in 2013. Our operational catch level for 2013 was verified by mate's receipt, and sales invoices and/or purchase contracts (98%) and (25%) port sampling.

Observer/Port sampling Program – For the purpose of ensuring compliance, surveillance is conducted on a regular basis or as a result of an investigation by: boarding at sea or in port, plant checks, requesting the assistance of other Government/Organizations as necessary. To note also, Belize has signed on to a contractual agreement with renowned company Capricorn Fisheries Monitoring CC (CAPFISH) on April 1, 2014 whereby an Observer program was implemented. Capfish will provide services to Belize of fulfilling the requirements of a National Observer Program in terms of the Regional Management Organizations Resolutions and Recommendations. The first set of official observers are scheduled to be deployed at the end of July 2014.

10. Research Activities Covering Target and non-Target species

We are not a Coastal State within the WCPFC Convention Area and do not currently conduct any research activities.