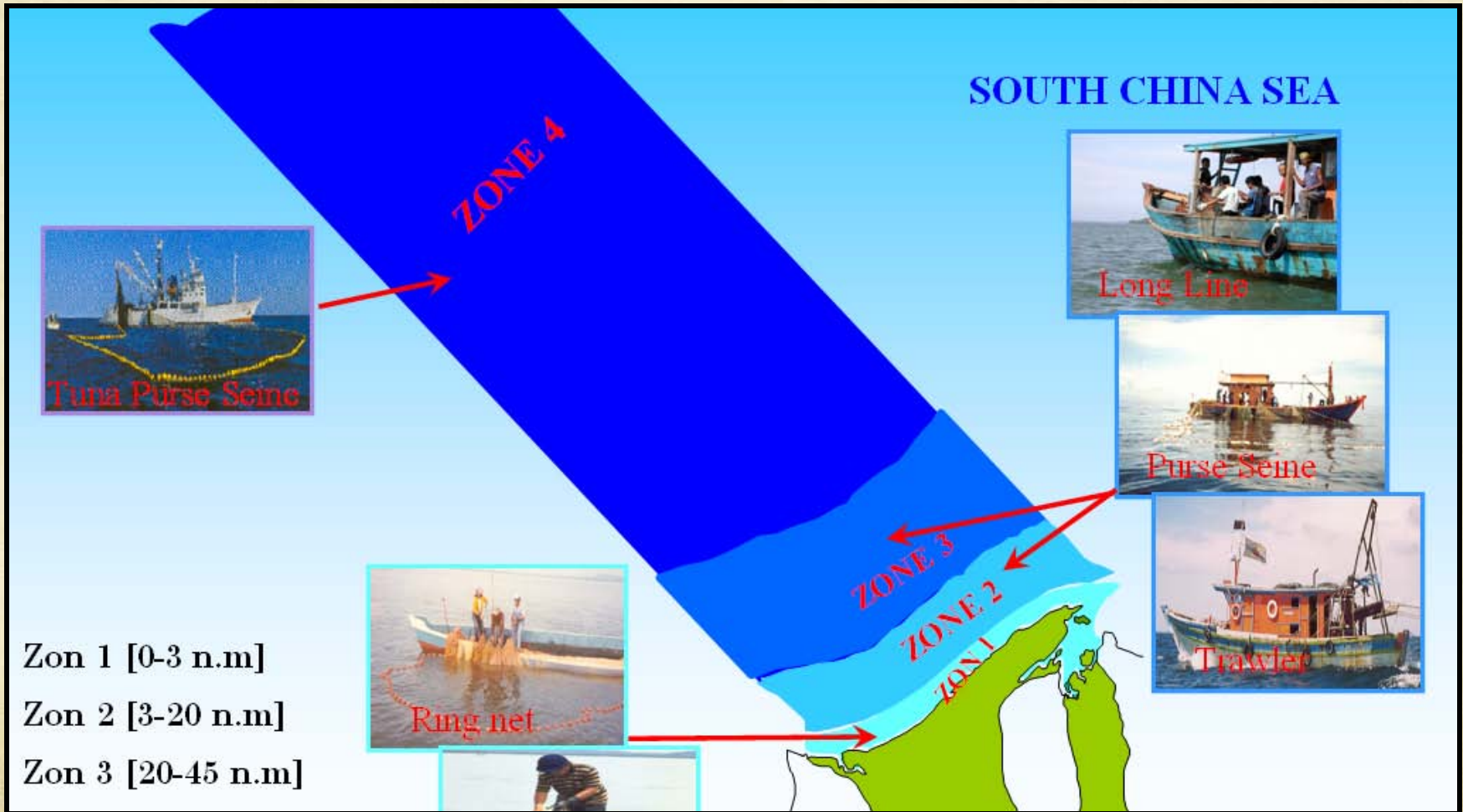


# NERITIC TUNAS FISHERIES

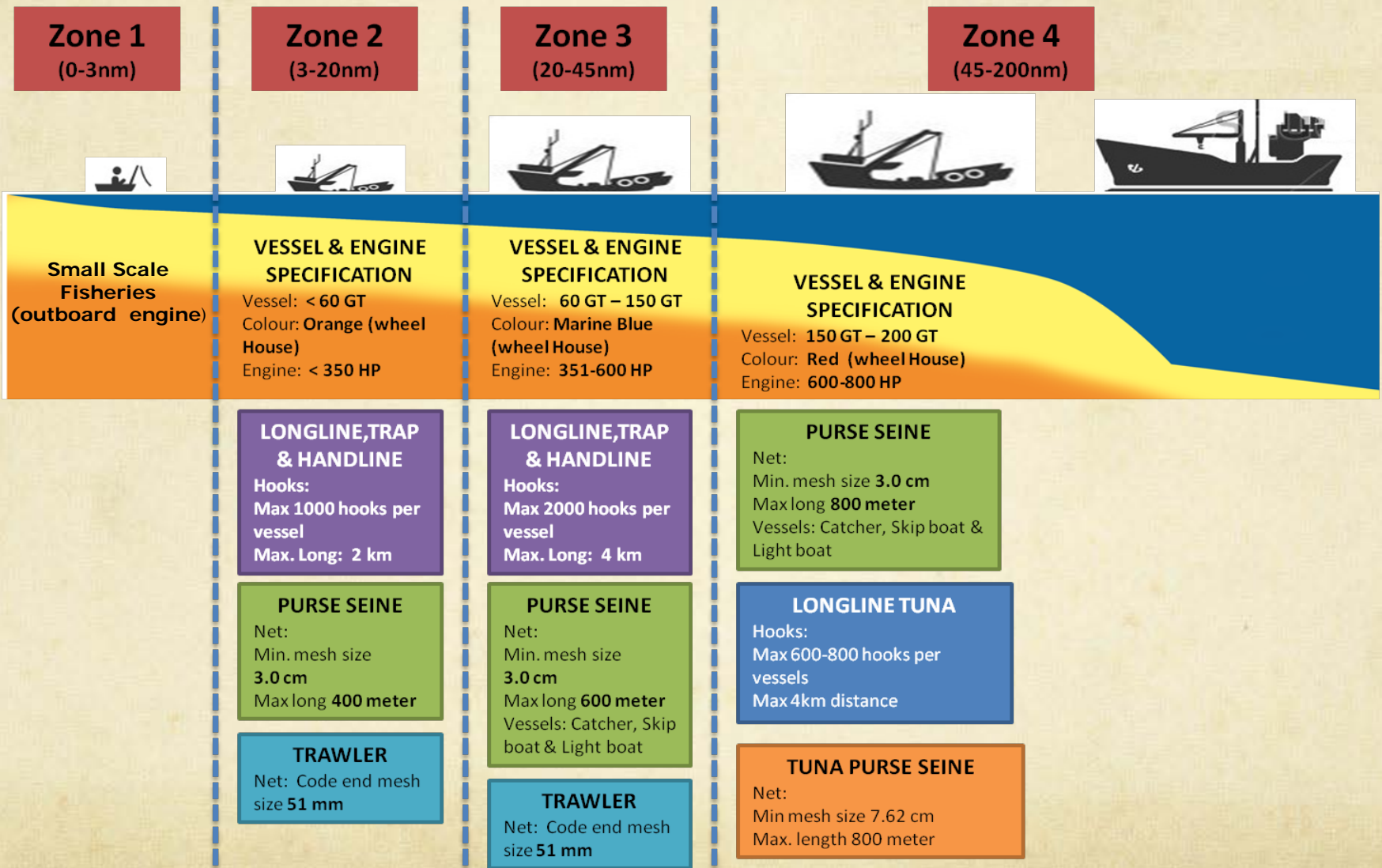
## BRUNEI DARUSSALAM

Country Report By:  
MATZAINI HAJI JUNA  
MUHAMMAD ADAM RAMLEE

# Fishing areas in Brunei Darussalam

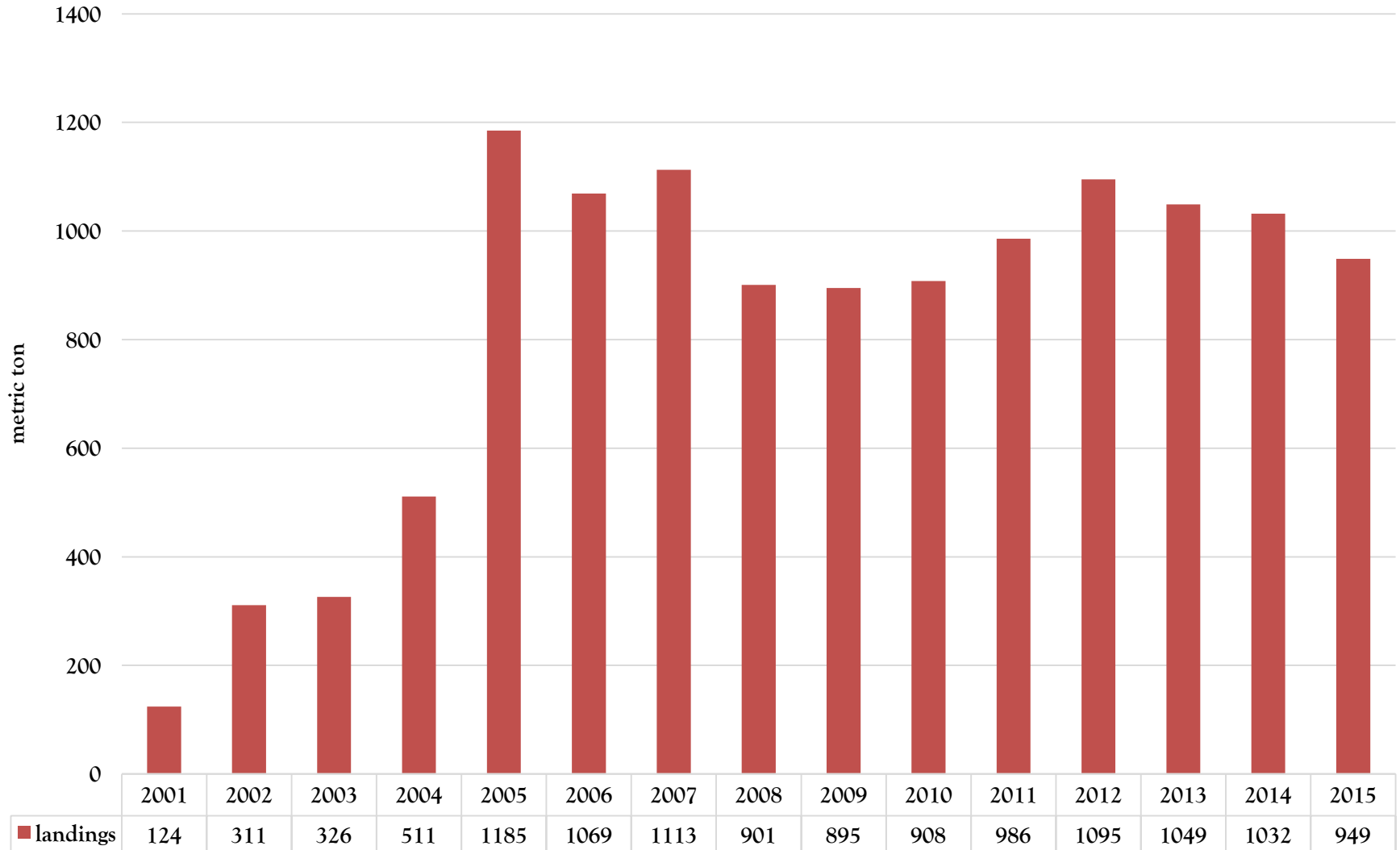


# FISHING GEARS SPECIFICATION BY ZONE IN BRUNEI DARUSSALAM



# TREND OF PURSE SEINE FISHERIES BRUNEI DARUSSALAM (mt)

Trend landing by purse seine in 2001-2015



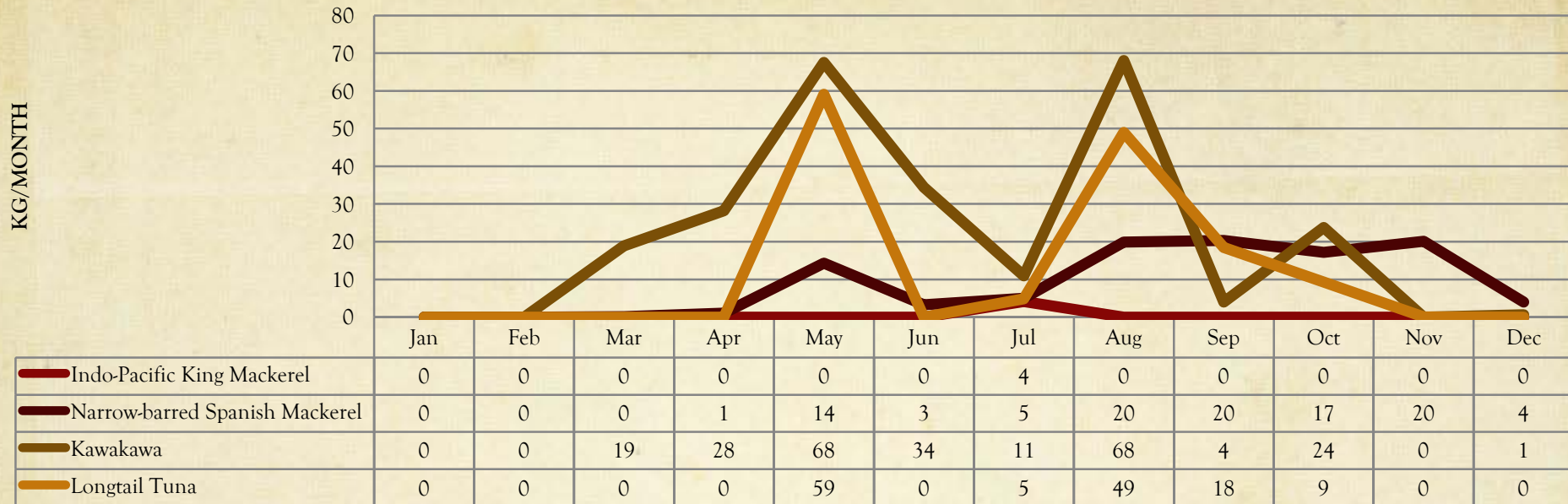
# NERITIC TUNA STATISTIC DATA (KG)

## Brunei Darussalam's Coastal Area

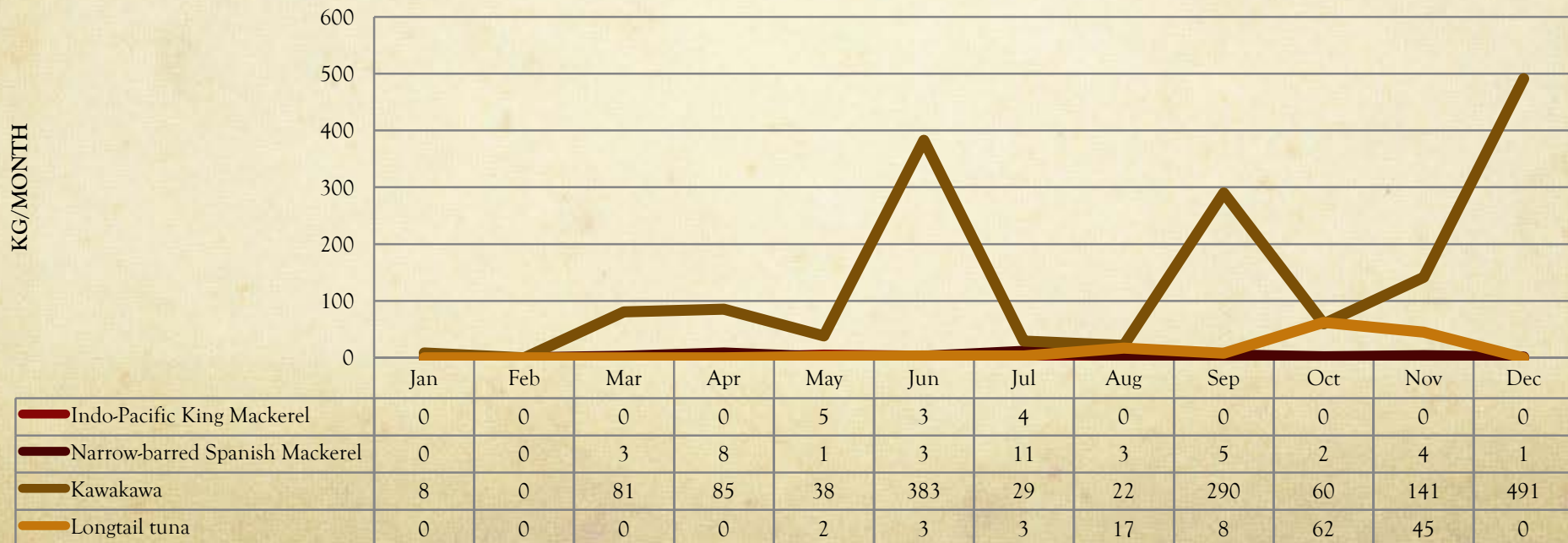
Up to 200 nautical miles from shore of Brunei Darussalam: Zone 1 - 4

Fish Species	2010	2011	2012	2013	2014	2015
INDO-PACIFIC KING MACKEREL	3,656	6,778	6,586	9,373	11,465	10,067
KAWAKAWA	47,593	22,021	41,492	51,790	70,150	48,500
LONGTAIL TUNA	23,671	69,530	98,694	90,580	21,720	228,200
NARROW-BARRED SPANISH MACKEREL	11,614	13,348	23,189	51,970	22,527	24,344

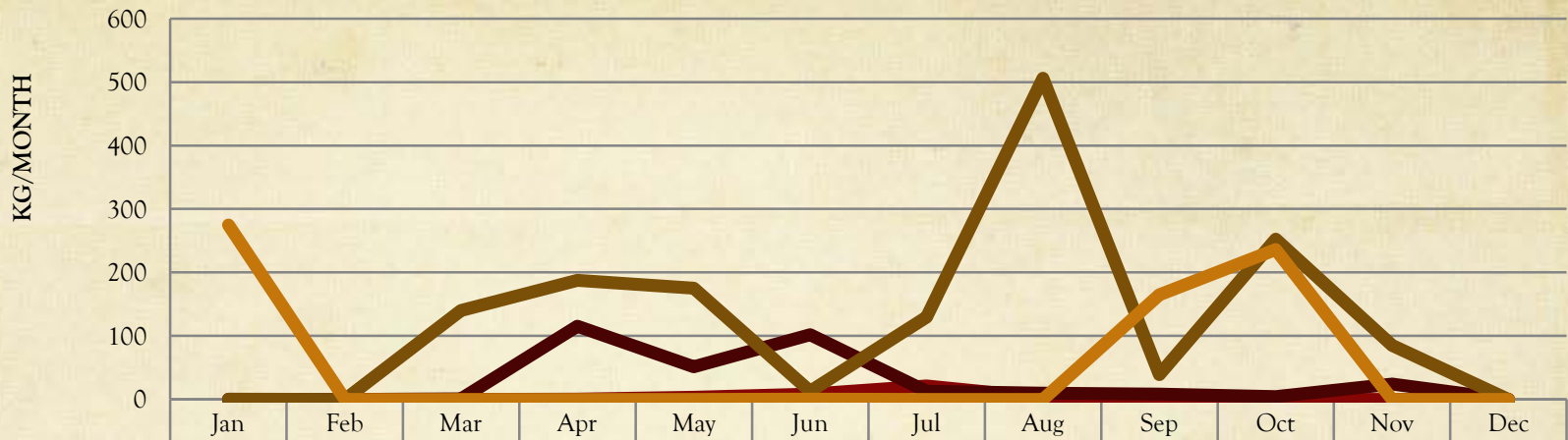
## CPUE BY PURSE SEINE – 2011 (kg/month)



## CPUE BY PURSE SEINE – 2012 (kg/month)

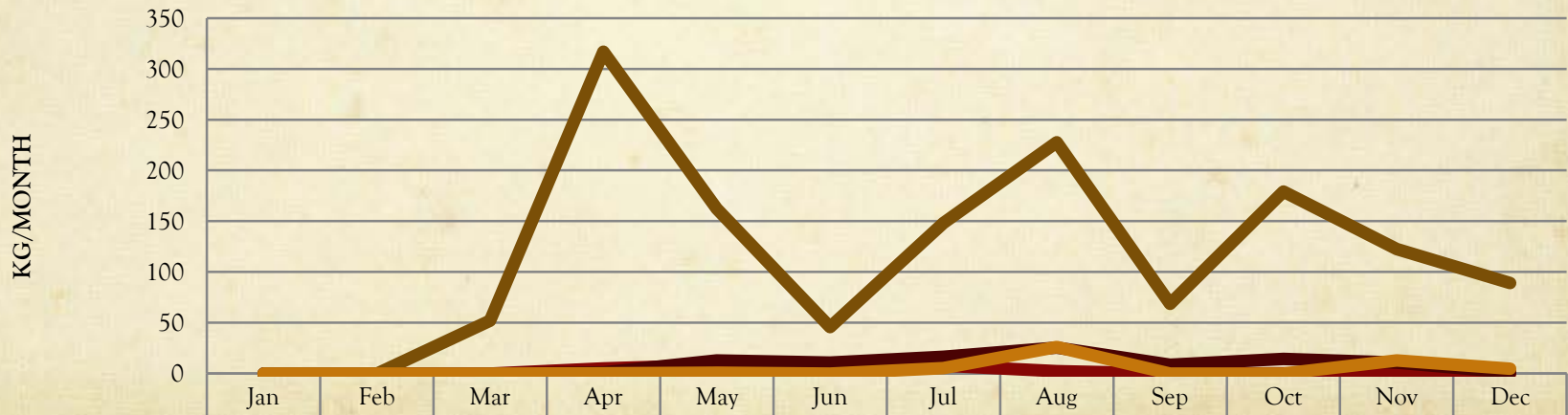


## CPUE BY PURSE SEINE – 2013 (kg/month)



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Indo-Pacific King Mackerel	0	0	0	0	3	8	21	3	2	0	0	0
Narrow-barred Spanish Mackerel	0	0	1	115	51	102	13	10	8	4	24	0
Kawakawa	0	0	140	188	175	13	129	506	39	252	85	0
Longtail tuna	275	0	0	0	0	0	0	0	165	236	0	0

## CPUE BY PURSE SEINE – 2014 (kg/month)



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Indo-pacific king mackerel	0	0	0	5	8	8	8	2	0	0	0	0
Narrow-barred Spanish Mackerel	0	0	0	1	13	11	16	26	9	14	11	1
Kawakawa	0	0	52	317	162	46	148	228	69	179	123	89
Longtail Tuna	0	0	0	0	1	0	5	26	0	0	13	5

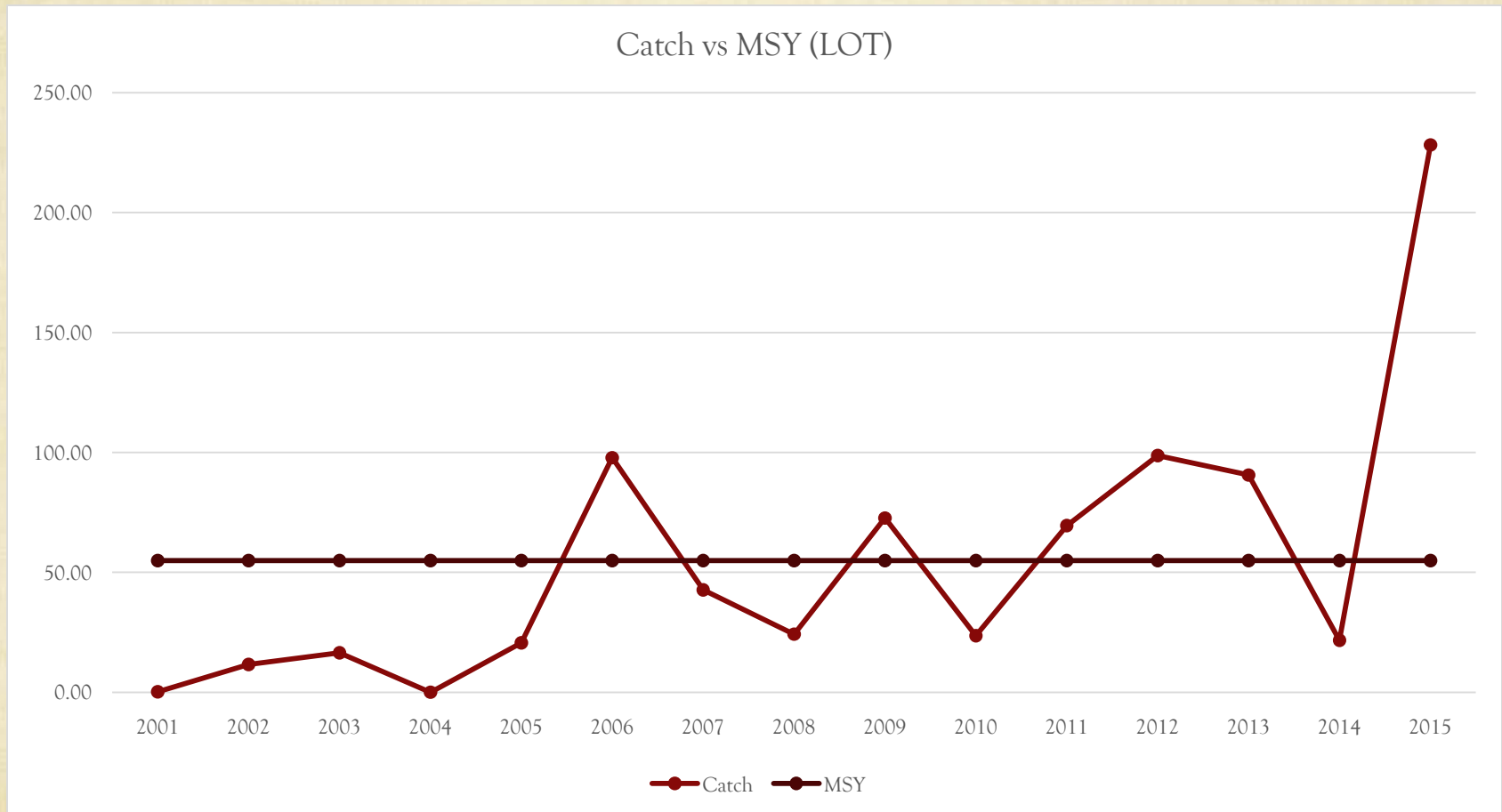
# Special Training/Workshop on Stock Assessment of the LOT- KAW

## PRELIMINARY RESULTS

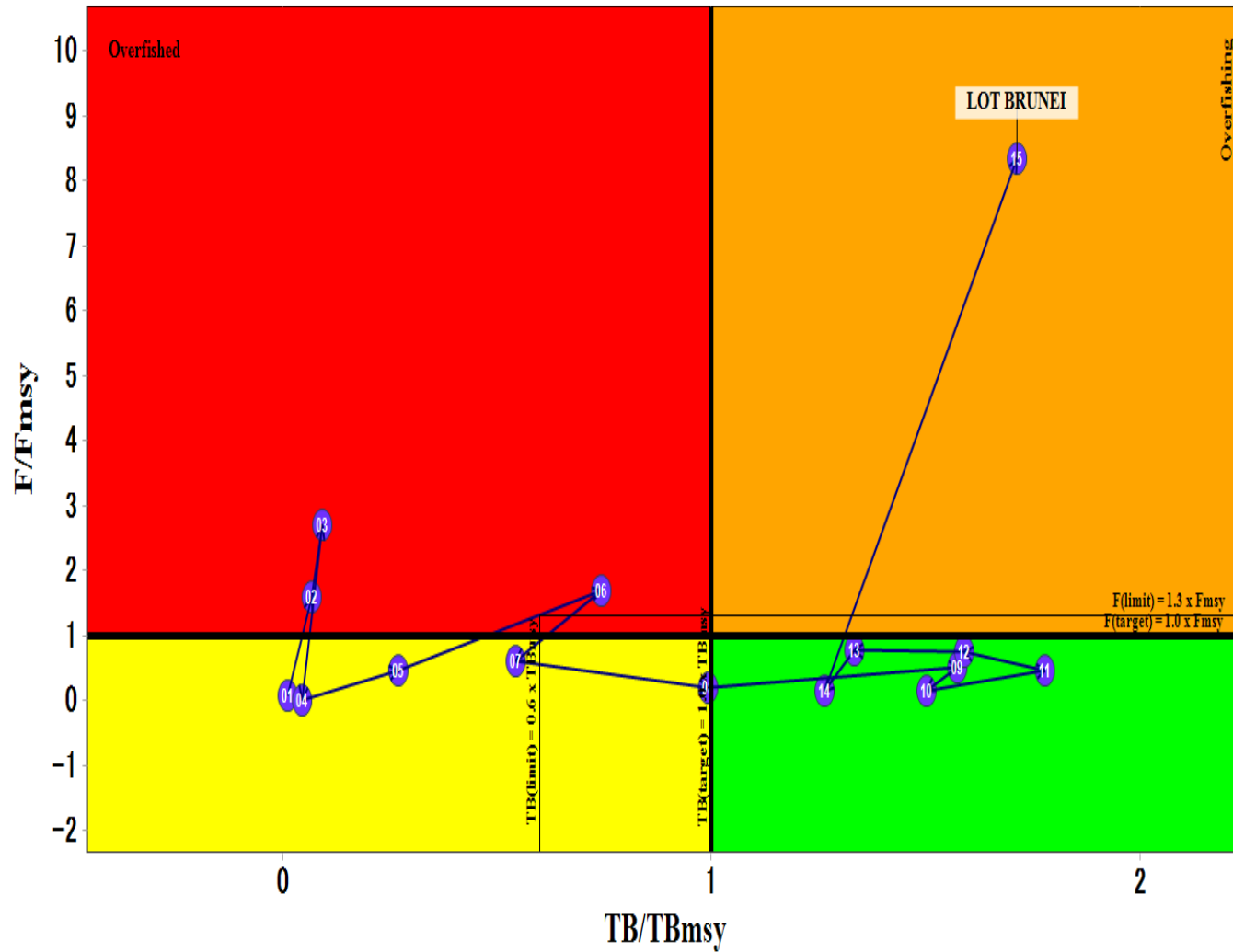


# Results of ASPIC

## Longtail Tuna (*Thunnus tonggol*) - MT



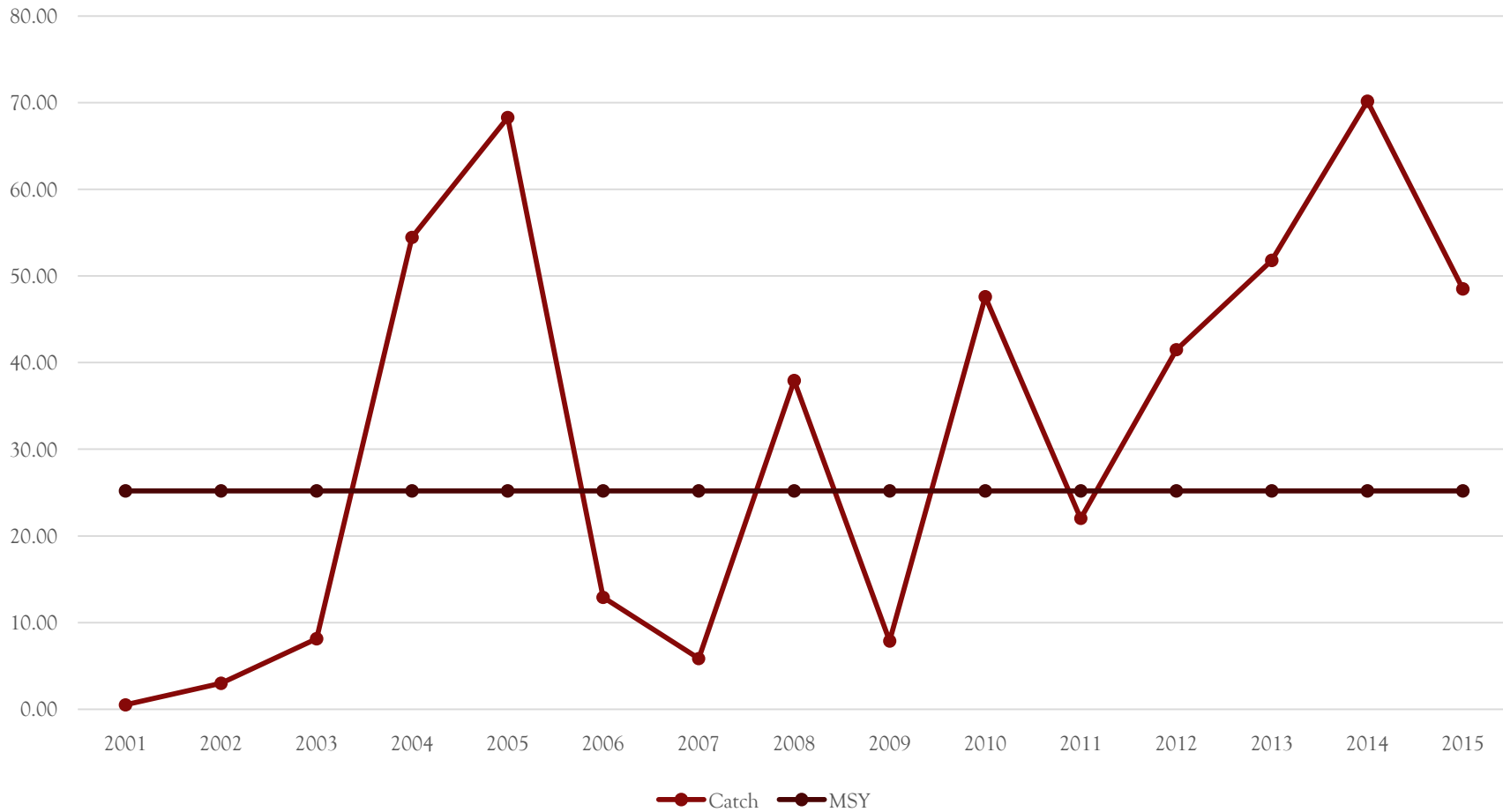
# KOBE PLOT



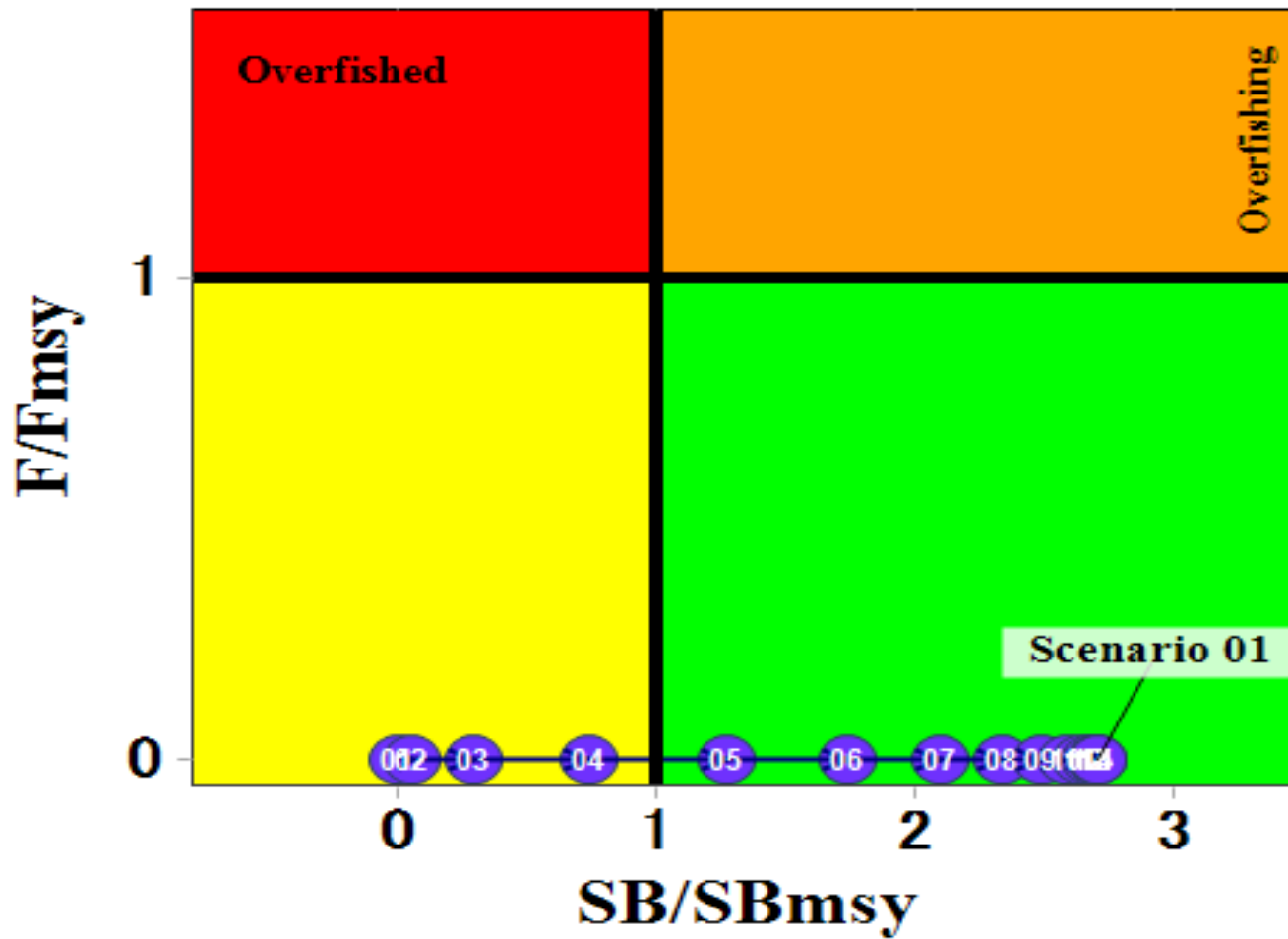
# Results of ASPIC

## Kawakawa (*Euthynnus affinis*) - MT

Catch vs MSY



# KOBE PLOT



Kobe-plot  
Software  
(2015)



# ISSUES AND PROBLEMS

- The main issue that needs to be addressed is the overfishing and over capacity problem causing the decline in neritic tuna resources.
- Lack of updated fish stock assessment among others that will be tackled in the RPOA process.
- Need more capacity building on the neritic tuna / tuna stock assessment analysis.

**THANK YOU**