



Department of  
Primary Industries

# NSW Commercial Fisheries Reform

Agenda Item 7: Setting the ITCALs

# Important note:

- The methodology for setting the ITCALS remains some way from being finalised
- Changes to the methodology will in some cases result in significant changes to the quota available per share
- The Working Group's assistance is required to refine the methodology and develop appropriate ITCALS for relevant species / sectors

# ITCAL decision rules

## Standard approach adopted by DPI (species quota)

### Step 1: Set industry-wide ITCAL

- Average of 15 year catch (97/98 - 11/12)

### Step 2: Apportion industry-wide ITCAL amongst share classes

- Total catches by sector over 3 years (9/10-11/12)

### Note: it is proposed that share class ITCALS will be used to:

- Limit total catches if quota managed
- Trigger a review if landings in other sectors exceed the ITCALS

# ITCAL decision rules

## Standard approach adopted by DPI (effort quota)

Set sector specific ITCAL (one step approach)

- Average annual effort level
- Using new logbook data (3 years 9/10 - 11/12)

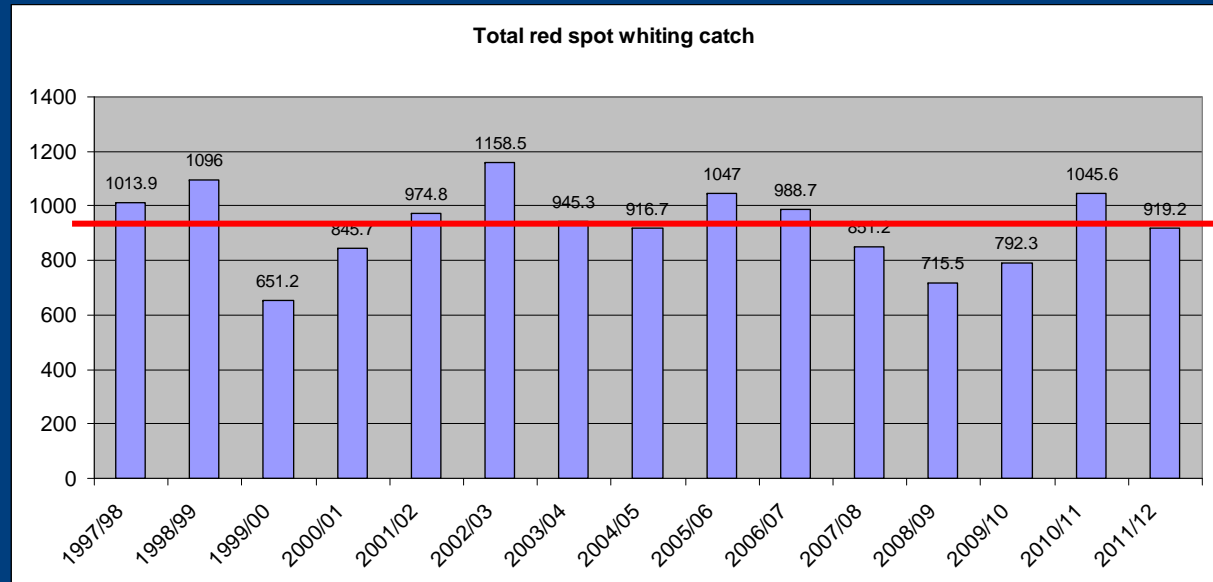
Note:

- Effort ITCALs will be used to limit total effort in the sectors concerned
- The species ITCALs (see previous slides) will be used to trigger a review if landings in any sector exceed the relevant ITCALs

# OT Eastern school whiting ITCALs

## Step 1: set industry-wide ITCAL

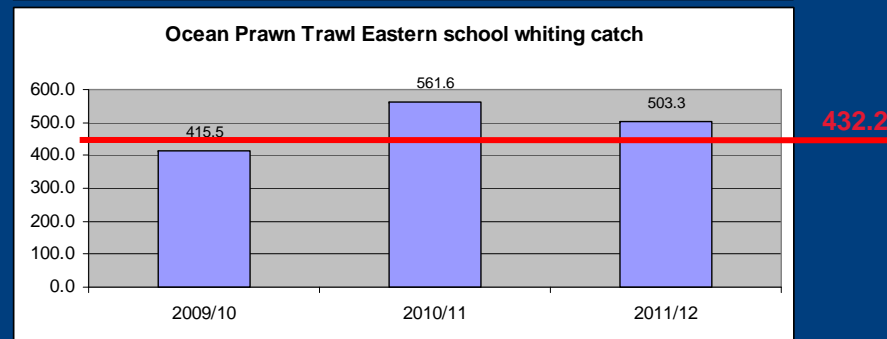
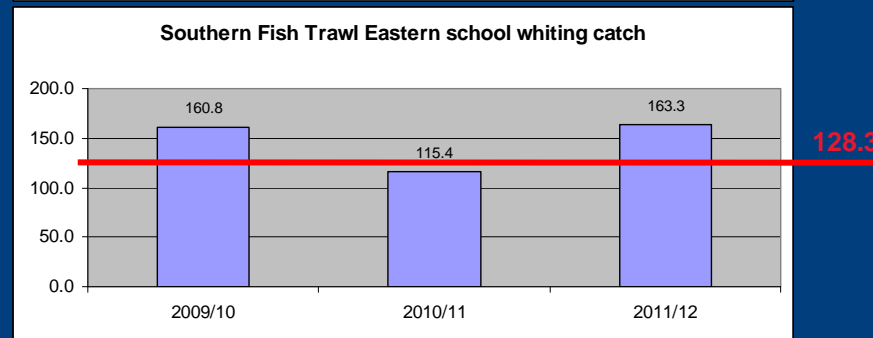
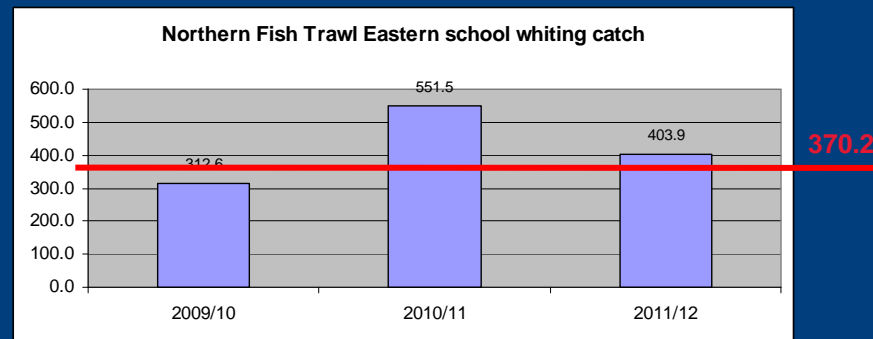
	Total
1997/98	1013.9
1998/99	1096
1999/00	651.2
2000/01	845.7
2001/02	974.8
2002/03	1158.5
2003/04	945.3
2004/05	916.7
2005/06	1047
2006/07	988.7
2007/08	851.2
2008/09	715.5
2009/10	792.3
2010/11	1045.6
2011/12	919.2
<b>Industry ITCAL (ave)</b>	<b>930.8</b>



# OT Eastern school whiting ITCALs

Step 2: apportion industry-wide ITCAL to relevant sectors

	Northern OFT	Southern OFT	Prawn Trawl
2009/10	312.6	160.8	415.5
2010/11	551.5	115.4	561.6
2011/12	403.9	163.3	503.3
<b>Totals</b>	<b>1,268.0</b>	<b>439.5</b>	<b>1,480.4</b>
<b>% of Industry Total</b>	<b>39.8</b>	<b>13.8</b>	<b>46.4</b>
<b>Sector ITCALs</b>	<b>370.2</b>	<b>128.3</b>	<b>432.2</b>



# OPT boat length day regime ITCAL

Remember: One step process (three years 2009/10 to 2011/12)

Two variables: days fished and length of boat used

## Approach:

Step 1: For each of the 3 year and for each boat...multiple the number of days fished by the boat by the boat's length and then add together

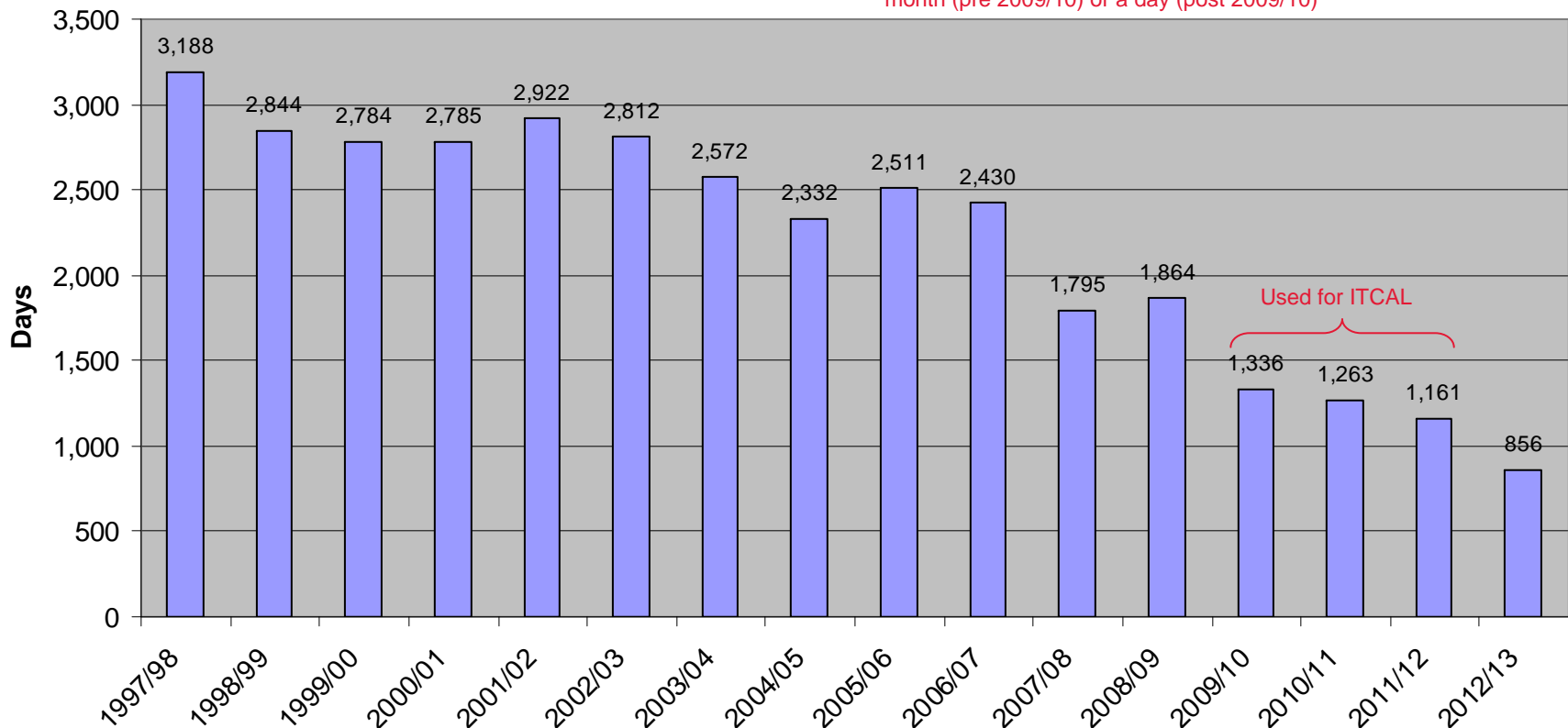
Step 2: Determine average 'boat length days' across the 3 years

	2009/10	2010/2011	2011/2012	ITCAL (3 yr ave.)
Boat 1	100 days x 17.5 m	120 days x 17.5 m	90 days x 17.5 m	
Boat 2	50 days x 15.2 m	60 days x 15.2 m	40 days x 15.2 m	
Boat 3	50 days x 10 m	55 days x 10 m	40 days x 10 m	
Total ('effort units')	3,010	3,562	2,583	3,052

# Historic effort levels – for information

Number of days fished each fiscal year (1997/98 to 2012/13) in the NSW Norther Fish Trawl Sector

Data includes some SFT effort – boats working both sectors during a month (pre 2009/10) or a day (post 2009/10)





# Historic effort levels – for information

Number of days fished each fiscal year (1997/98 to 2012/13) in the NSW Ocean Prawn Trawl Sector

