# 10 Tables

- Table 1: Current and proposed recreational take limits for SBT in NSW.
- **Table 2:** Management regulations for the recreational catch of SBT by State.
- **Table 3**: Global commercial catch records and Australian recreational catch estimates (t) for Southern Bluefin Tuna from 1993 to 2011. Commercial records obtained from CCSBT (2011a), see table for recreational estimate references. \* Includes 4mt New Zealand armature catch, † Allocated catch for 2011.
- **Table 4:** Number of charter boat caught Southern Bluefin Tuna from 2000 to 2011. Numbers in parenthesis indicate the number of caught fish that were subsequently released. NSW data obtained from the NSW DPI (Fisheries) charter boat monitoring program (NSW DPI (Fisheries) 2011). No data available for Victoria.
- **Table 5:** NSW Charter Fishing Monitoring Program. Total fish (undifferentiated) and Southern Bluefin Tuna (SBT) retained and released charter catches from oceanic waters for years from 2000 to 2009. \*2009 incomplete data set.
- **Table 6**: Gamefish Tournament Monitoring Program. Numbers of Southern Bluefin Tuna caught and tagged or free-released from 1994 to December 2011.
- **Table 7**: Gamefish record data for Southern Bluefin Tuna caught and landed in New South Wales, South Australia, Tasmania, Victoria and Western Australia (GFAA 2011).
- **Table 8**: Bermagui Big Game and Anglers Club catch records for Southern Bluefin Tuna (SBT) 2001 2011. Location of all SBT was given as Bermagui. Data Source: Bermagui Big Game and Anglers Club.
- **Table 9:** The Victorian Game Fishing Club catch records for Southern Bluefin Tuna (SBT) catch from 1975 to 2009. Only SBT listed as caught in waters adjacent to NSW are listed here. The location of all SBT caught in NSW waters was given as Bermagui. Data Source: The Victorian Game Fishing Club.

Table 1: Current and proposed recreational take limits for southern bluefin tuna in NSW

Current Recreational Take Limits	Proposed Recreational Take Limits			
Bag limit				
Seven*	One			
Boat Limit				
No limit	Two			
Charter Boat Limit				
No limit	Six			
Size Restrictions				
No more than two ≥ 90cm Fork Length				
No more than five < 90cm Fork Length	No size restrictions			
*The bag limit is seven mixed tuna per person per day which corressponds to a maximum possible take of seven SBT per day.				

Table 2: Management regulations for the recreational catch of SBT by State.

Western Australia No minimum size limit.

Personal bag limit of two tuna (SBT, yellowfin and bigeye tuna).

South Australia No minimum size limit.

Personal bag limit of two tuna (SBT and/or yellowfin tuna). Daily boat limit of 6 tuna (SBT and/or yellowfin tuna).

Tasmania No minimum size limit.

Personal bag limit of two tuna (SBT, yellowfin and bigeye tuna).

Victoria No minimum size limit.

Personal bag limit of two tuna (SBT, yellowfin and bigeye tuna).

New South Wales No minimum size limit.

90 cm or greater bag limit of 2 mixed tuna\*. Less than 90cm bag limit of 5 mixed tuna\*.

\*Mixed tuna includes SBT, albacore, big-eye, longtail and yellowfin tuna

Table 3: Global commercial catch records and Australian recreational catch estimates (mt) for southern bluefin tuna from 1993 to 2011. Commercial records obtained from CCSBT (2011a), see table for recreational estimate references. \* Includes 4mt New Zealand armature catch. † Allocated catch for 2011.

Fishery										Yea	r								
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Commercial																			
World (Without Australia)	8969	8455	9424	11518	10761	12880	13977	10218	11178	10546	8250	8443	10906	6106	5770*	6362	5837	5351	5479 <sup>†</sup>
Australia	5373	4700	4508	5128	5316	4897	5552	5257	4853	4711	5827	5062	5244	5635	4813	5033	5108	4199	4270 <sup>†</sup>
Eastern Tuna and Billfish Industry															7.7 <sup>(10)</sup>	22 <sup>(12)</sup>	205(11)	148 <sup>(11)</sup>	
Recreational																			
New South Wales								0	.4-1.6 <sup>(7)</sup>								13.3 <sup>(7)</sup>		
South Australia														$7.2^{(5)}$	10.0 <sup>(5)</sup>				
Tasmania	12.5 <sup>(13)</sup>	6.9 <sup>(13)</sup>								18.4 <sup>(6)</sup>	2.5 <sup>(2)</sup>					14.0 <sup>(4)</sup>			
Victoria																			300 <sup>(9)</sup>
Western Australia														$2.3^{(3)}$					
Australia wide		16 <sup>(1)</sup>				38 <sup>(1)</sup>	3 <sup>(1)</sup>	10 <sup>(1)</sup>	60 <sup>(1)</sup>	85 <sup>(1)</sup>									
										18-120 <sup>(8)</sup>									

<sup>(1)</sup> Hobsbawn et al. (2007): Estimates based on limited Tasmanian charter and gamefish club data and expanded to total Australian catch using proportions of tag releases for each fishery area.

<sup>(2)</sup> Morton and Lyle (2003): Estimated total recreational catch utilising on-site creel surveys, charter boat logbooks and gamefish angler diaries.

<sup>(3)</sup> Sumner et al. (2008): Creel survey of boat-based fishers operating on the south-west coast between Augusta and Kalbarri. 1 July 2005 - 30 June 2006.

<sup>(4)</sup> Forbes et al. (2009): Estimated total recreational catch using boat ramp surveys and charter logbook data. This figure represents a minimum as the study did not have complete spatial or temporal coverage.

<sup>(5)</sup> AFMA (2009): Estimate of charter boat catch based on SA charter catch records (Rowsell et al. 2008) using an average weight of 20kg.

<sup>(6)</sup> Morton and Lyle (2003): Estimate of recreational catch based on 2002 data collected from 2003 on-site surveys using the average 2003 weight of 23kg.

<sup>(7)</sup> Cardno Ecology Lab (2010): 2009 estimate of NSW recreational catch based on Bermagui locality tag and release weight to Bermagui BG & AC gamefish landed weight ratio. 2001 estimate extrapolated from Intended to be indicative only.

<sup>(8)</sup> DEH (2008): Estimates of the recreational take of SBT vary between 18 tonnes (advised by Australia at CCSBT 9, October 2002) and in excess of 120 tonnes (provided by recreational fishers to SBTMAC).

<sup>(9)</sup> James Andrews (pers comm, November 2011), Victoria DPI, Fisheries. Conservative estimate of total recreational catch incorporating boat ramp surveys, charter boat observers and personal diary records.

<sup>(10)</sup> AFMA (2011b)

<sup>&</sup>lt;sup>(11)</sup> BRS (2010)

<sup>(12)</sup> BRS (2009)

<sup>(13)</sup> Morton and Lyle (2003) and Forbes et al. (2009) (and references therein). Estimate of charter catch.

**Table 4:** Number of charter boat caught southern bluefin tuna from 2000 to 2011. Numbers in parenthesis indicate the number of caught fish that were subsequently released. NSW data obtained from the NSW I&I charter boat monitoring programme (NSW DPI (Fisheries) 2011). No data available for Victoria.

State								Year						
	1993	1994	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
New South Wales	no data	no data	0	7 (1)	2	0	1	0	0	2	1	27 (6)	0	0
South Australia									$(432)^{(1)}$	(1101) <sup>(1)</sup>				
Tasmania	678(n/a) <sup>(4)</sup>	295(n/a) <sup>(4)</sup>				18(0) <sup>(2)</sup>					1	62 (29) <sup>(3)</sup>		
Western Australia								13(n/a) <sup>(1)</sup>	17(n/a) <sup>(1)</sup>					

<sup>(1)</sup> Rowsell et al. (2008)

<sup>(2)</sup> Morton and Lyle (2003)

<sup>(3)</sup> Forbes et al (2009): Underestimate as catch information was unavailable from several key operators.

<sup>&</sup>lt;sup>(4)</sup> Morton and Lyle (2003) and Forbes *et al.* (2009) (and references therin)

**Table 5:** NSW Charter Fishing Monitoring Program. Total fish (undifferentiated) and southern bluefin tuna (SBT) retained and released charter catches from oceanic waters for years from 2000 to 2009. \*2009 - incomplete data set.

Year	Total No. of Fish Caught	No. of Fish To Retained	tal No. of Fish Released	No. of Fish Tagged and Released	No. of SBT Caught	NO OLSEL	BBT Percentage of Total Charter Catch (%)
2000	23,060	22,971	89	0	0	0	0.0000
2001	284,738	281,968	2,770	0	7	1	0.0025
2002	283,177	280,347	2,830	0	2	0	0.0007
2003	258,120	257,448	672	0	0	0	0.0000
2004	286,322	285,539	783	0	1	0	0.0003
2005	260,261	258,837	1,424	0	0	0	0.0000
2006	196,554	191,231	5,323	0	0	0	0.0000
2007	111,408	108,344	2,960	104	2	0	0.0018
2008	140,981	132,931	7,991	59	1	0	0.0007
2009*	98,828	88,359	10,413	56	19	6	0.0192

**Table 6:** Gamefish Tournament Monitoring Program. Numbers of southern bluefin tuna caught and tagged or free-released from 1994 to December 2011.

Tournament	Tournament Port	Date	Number of SBT Caught	Number of SBT Tagged	Number of SBT Free Released
NSW Interclub Tournament	Port Stephens	21/02/1998	1	1	0
NSW Interclub Tournament	Port Stephens	21/02/1998	1	1	0
NSW Interclub Tournament	Port Stephens	21/02/1998	1	1	0
NSW Interclub Tournament	Port Stephens	22/02/1998	2	2	0
Golden Lure Tournament	Port Macquarie	18/01/2002	1	1	0
Canberra Yellowfin Tournament	Bermagui	21/05/2007	1	0	1
Batemans Bay Yellowfin Tournament	Batemans Bay	12/06/2010	1	n/a	n/a

Table 7: Gamefish record data for southern bluefin tuna caught and landed in New South Wales, South Australia, Tasmania, Victoria and Western Australia (GFAA 2011).

State	No. of records	Mean weight (kg)	Max Weight (kg)
NSW	15	55.6	167.5
South Australia	25	25.3	115.0
Tasmania	27	55.1	153.0
Victoria	20	27.6	128.0
Western Australia	10	5.2	7.3

**Table 8:** Bermagui Big Game and Anglers Club catch records for southern bluefin tuna 2001 - 2011. Location of all SBT was given as Bermagui. Data Source: Bermagui Big Game and Anglers Club.

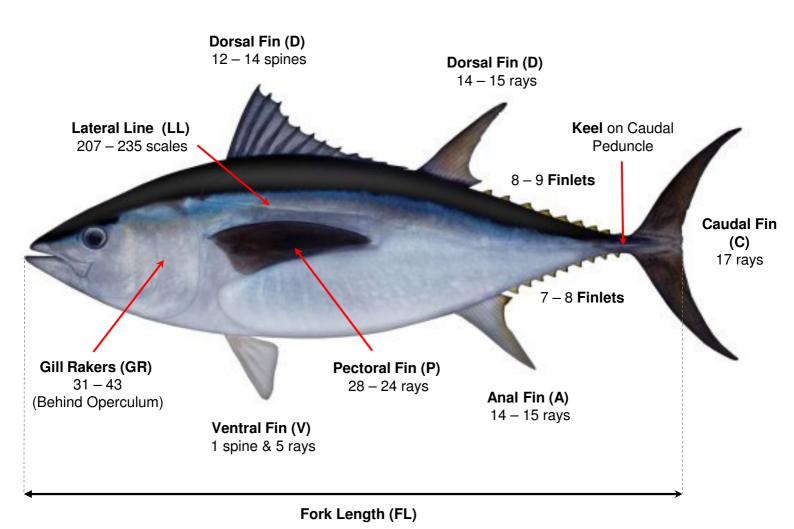
Year	Month	SBT Weight (kg)
0000		
2006	October	8
2007	June	76
2007	November	17
2008	September	24
2008	September	25
2009	June	87
2009	June	97
2009	June	120
2009	June	48
2009	June	77
2009	June	72
2009	June	127
2009	June	127
2009	June	84
2009	June	94
2009	June	100
2009	June	117
2009	June	88
2009	June	79
2009	July	25
2009	July	31
2010	July	54
2010	July	58
2010	July	50
2010	July	46
2010	July	38
2010	July	27
2011	June	41
2011 2011	July July	27 52
2011	July	49
2011	July	53
2011	July	21
2011	July	70
2011	July	34
2011	July	35
2011	July	32
2011	July	32
2011	July	25

**Table 9:** The Victorian Game Fishing Club catch records for southern bluefin tuna catch from 1975 to 2009. Only southern bluefin tuna listed as caught in waters adjacent to NSW are listed here. The location of all SBT caught in NSW waters was given as Bermagui. Data Source: The Victorian Game Fishing Club.

Year	Month	Line Class (kg)	SBT Weight (kg)
1981	June	3	14.6
1981	June	6	21.0
1983	May	8	16.6
1987	September	4	7.0
1987	September	4	7.0
1987	September	8	9.7
1987	September	4	8.5
1987	September	6	11.9
1987	September	6	8.2
1987	September	6	9.4
1987	September	6	10.3
1987	September	8	10.5
1987	September	6	6.5
1987	September	10	10.0
1987	September	6	9.0
1987	September	6	8.8
1987	September	6	10.0
1988	February	15	23.5
1988	April	15	19.0
1988	April	15	26.0

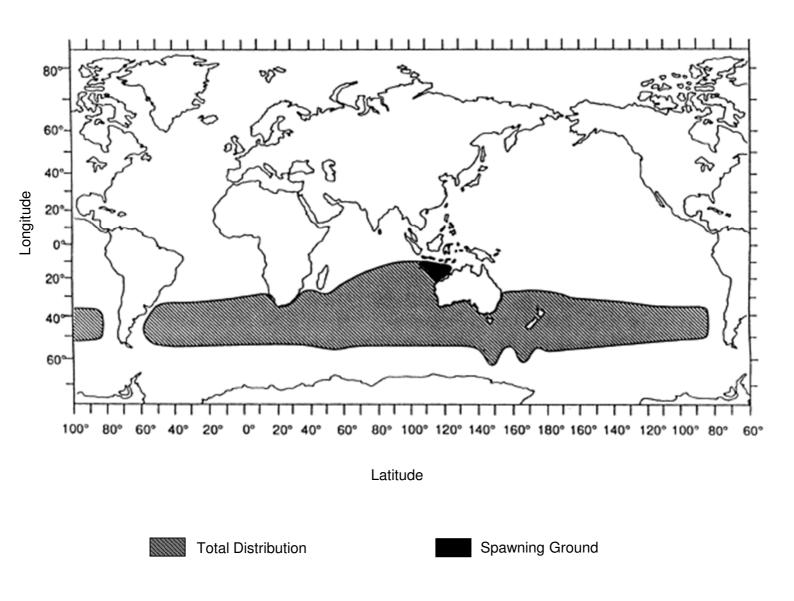
# 11 Figures

- **Figure 1.** Morphological features of Southern Bluefin Tuna, *Thunnus maccoyii* (Castelnau, 1872). From Gormon *et al.* (2008). Image source: NSW DPI (Fisheries)
- **Figure 2.** Global Distribution of Southern Bluefin Tuna (*Thunnus maccoyii*). Figure reproduced from Caton (1994).
- **Figure 3.** Fork length (FL) versus whole weight (W) relationship for Southern Bluefin Tuna (SBT) (*Thunnus maccoyii*). Figure reproduced from Caton (1991). Caton (1991) reported two weight length relationships used for stock assessment: (i) SBT < 130 cm FL: W =  $10^{-5}$  x 3.13088 FL<sup>2.2058</sup>, and (ii) SBT > 130 cm FL: W =  $10^{-6}$  x 1.4036 FL<sup>3.5399</sup>.
- **Figure 4.** Area graph of global commercial Southern Bluefin Tuna (SBT) catch from 1952 2010. The Australian SBT commercial catch is shown as a proportion of global catch. Data source: Commission for the Conservation of Southern Bluefin Tuna (CCSBT) catch database (CCSBT 2011a)
- **Figure 5.** The estimated Southern Bluefin Tuna (SBT) (a) recruitment and (b) spawning stock biomass trajectories for the full time series of the global fishery showing the medians, quartiles and 90<sup>th</sup> percentiles. The yellow line indicates the reference point of 20% of pre-exploitation spawning stock biomass (SSB<sub>0</sub>). Figure reproduced from: CCSBT (Commission for the Conservation of Southern Bluefin Tuna) (2011), Report of the Fourteenth Meeting of the Scientific Committee. 19-28 July 2011 Bali, Indonesia. Figure 1, p19.
- **Figure 6. a)** Total number of game fish tagged in Australia from 1974 2011 as part of the NSW Game Fish Tagging Program and the proportion of total tagged fish numbers represented by Southern Bluefin Tuna (SBT). **b)** Number of SBT tagged in NSW as a proportion of total number of SBT tagged in Australia, 1974 2011. Data source: NSW Game Fish Tagging Program administered by NSW DPI (Fisheries).
- **Figure 7.** Number of tagged Southern Bluefin Tuna in NSW between 1974 and 2011 as part of the NSW Gamfish Tagging Programme.
- **Figure 8.** Total number of tagged Southern Bluefin Tuna in NSW by month from 1974 2011 as part of the NSW Game Fish Tagging Program . Data source: NSW Game Fish Tagging Program administered by NSW DPI (Fisheries).

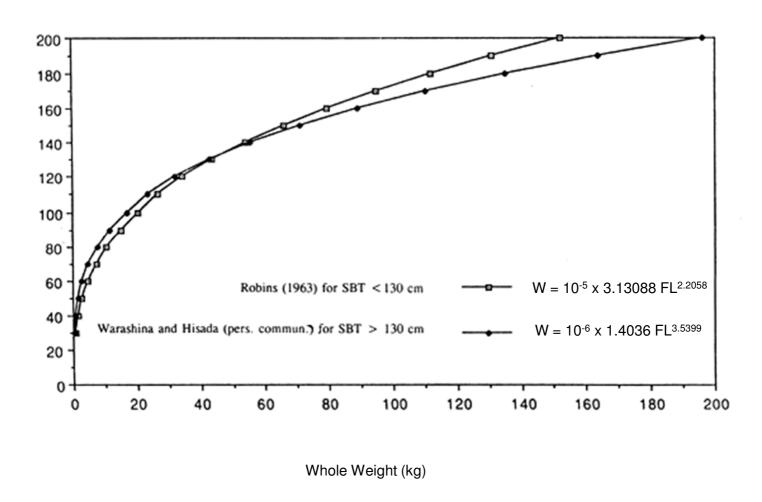


**D** XII-XIV; 14-15; 8-9 finlets **A** 14 – 15; 7-8 finlets **C** 17 **P** 28-34 **V** I, 5 **LL** 207-235 **GR** 31-43

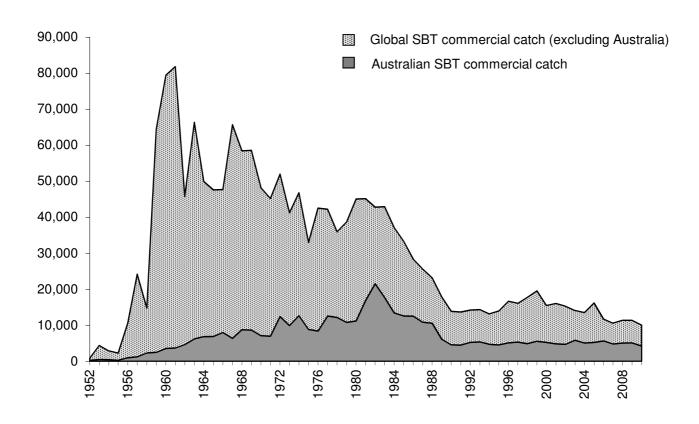
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**Figure 4.** Area graph of global commercial SBT catch from 1952 - 2010. The Australian SBT commercial catch is shown as a proportion of global catch. Data source: Commission for the Conservation of southern bluefin tuna (CCSBT) catch database (CCSBT 2011a)

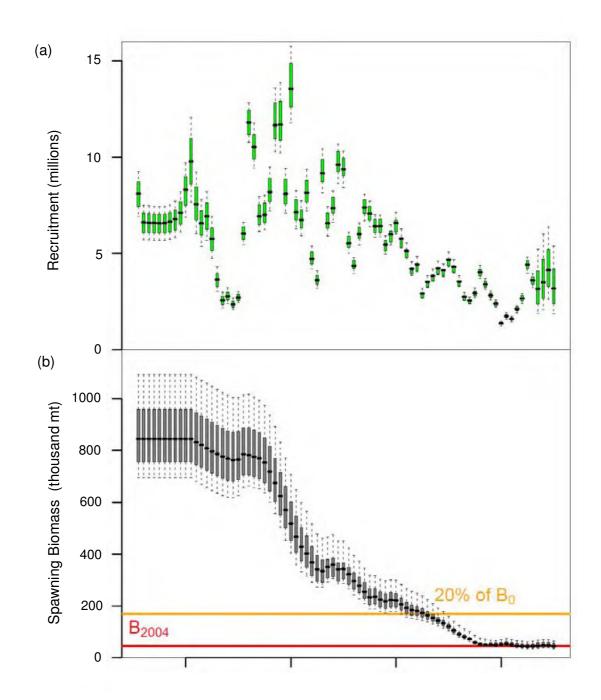
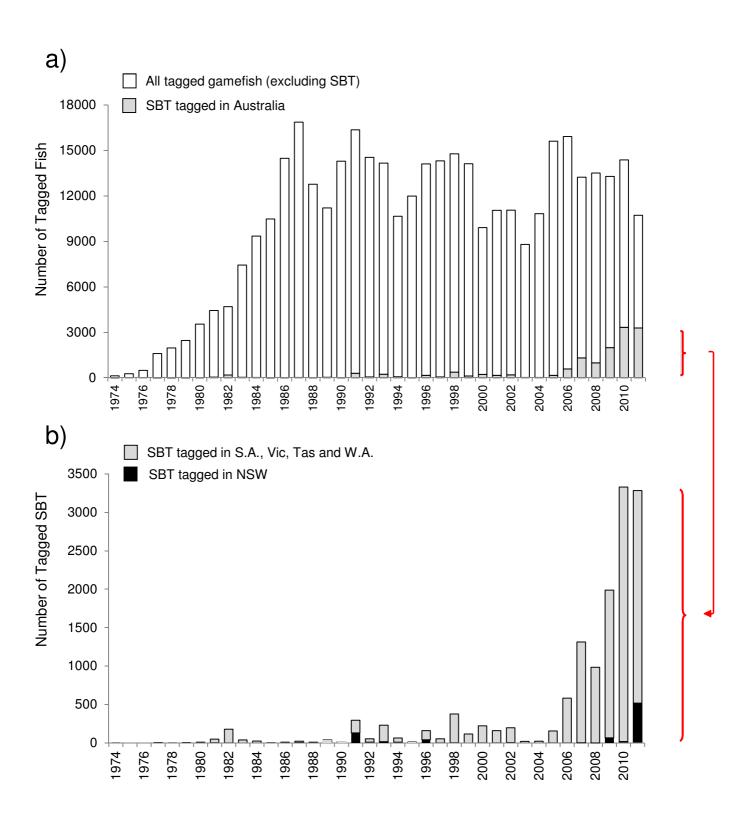
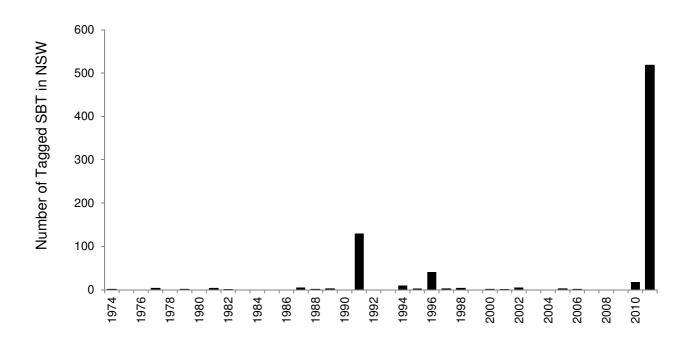


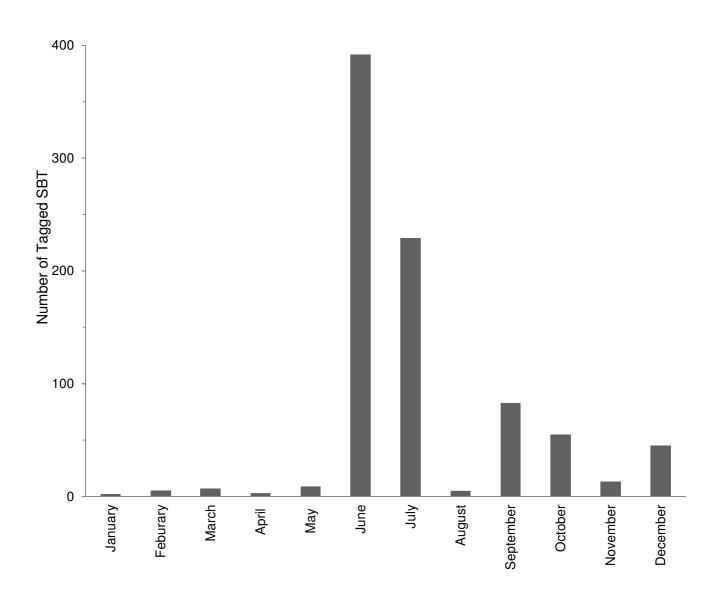
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**Figure 6. a)** Total number of game fish tagged in Australia from 1974 – 2011 as part of the NSW Game Fish Tagging Program and the proportion of total tagged fish numbers represented by southern bluefin tuna (SBT). **b)** Number of southern bluefin tuna tagged in NSW as a proportion of total number of southern bluefin tuna tagged in Australia, 1974 - 2011. Data source: NSW Game Fish Tagging Program administered by NSW DPI (Fisheries).



**Figure 7.** Number of tagged Southern Bluefin Tuna in NSW between 1974 and 2011 as part of the NSW Gamfish Tagging Programme.



**Figure 8.** Total number of tagged Southern Bluefin Tuna in NSW by month from 1974-2011 as part of the NSW Game Fish Tagging Program . Data source: NSW Game Fish Tagging Program administered by I&I NSW.

# 12 Appendices

**Appendix 1:** Director General's Requirements for the Southern Bluefin Tuna Species Impact Statement

**Appendix 2:** Fisheries Management (General) Regulation 2010, Part 13 Charter Fishing Management, Clause 236.

**Appendix 3:** Gamefish record data for Southern Bluefin Tuna caught and landed in New South Wales, South Australia, Tasmania, Victoria and Western Australia (GFAA 2011).

**Appendix 1:** Director General's Requirements for the southern bluefin tuna Species Impact Statement.

# Director-General's Requirements - Species Impact Statement - Southern Bluefin Tuna

#### 1. Definitions

The definitions given below are relevant to these requirements:

development has the same meaning as in the Environmental Planning and Assessment Act 1979. activity has the same meaning as in the Environmental Planning and Assessment Act 1979. proposal is the development, activity or action proposed.

All other definitions are the same as those contained in the Fisheries Management Act 1994.

#### 2. General requirements

Where relevant, the approaches, procedures and methodologies presented in the publication "Guidelines for the Assessment of Aquatic Ecology in EIA" (DUAP 1998) must be adopted when developing the SIS.

Previous surveys and assessments may be used to assist in addressing these requirements.

All references used in the SIS must be appropriately cited.

Where plans or maps are presented, each plan or map must include:

- · an appropriate legend;
- a scale and orientation marks.

#### 3. Matters which have been limited or modified

The following Section 221K matters need not be addressed by your SIS:

 All reference to critical habitat. There is currently no critical habitat declared under the Fisheries Management Act 1994 for southern bluefin tuna.

### 4. Matters to be addressed

The SIS for southern bluefin tuna must meet all the matters specified in section 221J, sections 221K(1), 221K(2), 221K(4) of the Fisheries Management Act 1994 with the exception of those matters limited or modified above. In addition to the statutory requirements (see Fisheries Management Act 1994) the matters described below are required to be addressed:

#### 4.1 Relevant recovery and threat abatement plans

No recovery plans or threat abatement plans have been approved in accordance with the Fisheries Management Act 1994.

However, a discussion must be provided regarding any relevant management plans, recovery plans, threat abatement plans or action statements approved under other jurisdictions. For example, plans or statements approved under the Commonwealth Environment Protection and Biodiversity Conservation Act 1999, the Threatened Species Conservation Act 1995, the Fisheries Management Act 1994 (including relevant Fisheries Management Strategies), and any similar legislation in other states.

# 4.2 Literature review and consultation

A literature review and scientific consultation should be undertaken to determine the:

- Current status of the species for the proposed activity
- Relevant biological information required for sustainable management of the species for the proposed activity

### 4.3 Assessment of likely impacts

The SIS should detail:

- · The extent and nature of the proposed activity
- Discuss the potential and cumulative impacts the proposed activity may have on the species

# Appendix 1: Continued. -

#### 4.4 Ameliorative measures

In discussing alternatives to the activity, and the measures proposed to mitigate any effects of the activity, consideration must be given to developing long-term management strategies to protect areas within the study area that are of particular importance for the subject species. This may include proposals to restore or improve habitat; area or seasonal closures; bag or size limits; or controls on fishing gear.

Monitoring and evaluation plans must be outlined in detail, including the objectives of the monitoring program, method of monitoring, reporting framework, duration and frequency.

#### 4.5 Additional Information and approvals required

In providing a list of other approvals the following must be included:

 Details of any referral or consent required under the Commonwealth Environment Protection and Biodiversity Conservation Act 1999. **Appendix 2:** Fisheries Management (General) Regulation 2010, Part 13 Charter Fishing Management, Clause 236.

#### 236 Conditions of licence—authorised activities

- (1) The Minister may, by means of an endorsement on a licence for a boat, authorise the use of the boat for guided recreational charter fishing that involves one or more of the following recreational fishing activities (as indicated by the endorsement):
  - (a) estuarine fishing,
  - (b) nearshore bottom fishing and sportfishing,
  - (c) gamefishing,
  - (d) deep sea bottom fishing.
- (2) It is a condition of a licence for a boat that the boat, while being used for any activity for which it is required to be licensed under this Part, is not used for any of the recreational fishing activities referred to in subclause (1) unless the licence authorises the use of the boat for that activity.
- (3) The Minister may refuse to authorise the use of a boat for a recreational fishing activity if the Minister is not satisfied that the certificate of survey for the boat relied on by the licence holder to satisfy the eligibility criteria for the licence was, at all times during the periods relevant for the purposes of determining eligibility for a licence, consistent with that type of activity.
- (4) Despite subclause (2):
  - (a) if a licence authorises the use of a boat for gamefishing, the taking of one fish of a species listed in Part 1 or Part 4 of the Table to this clause for each person who is on the boat, is permitted, and
  - (b) if a licence authorises the use of a boat for nearshore bottom fishing and sportfishing, the taking of one fish of a species listed in Part 1 or Part 2 of the Table, for each person who is on the boat, is permitted, and
  - (c) if a licence authorises the use of a boat for estuarine fishing, the taking of one fish of a species listed in Part 1 or Part 2 of the Table, for each person who is on the boat, is permitted.
- (5) This clause:
  - (a) does not affect the application of any bag limits or possession limits in force under section 17 or 18 of the Act, and
  - (b) does not authorise the use of a boat to take any protected fish.

#### Table Fish species

# Part 1

# Common name

Hapuku, Hapuka Bass Groper, Bass Grouper Blue-eye Trevalla, Trevalla Banded Rockcod Gemfish

#### Scientific name

Polyprion oxygeneios
Polyprion americanus
Hyperoglyphe antarctica
Epinephelus ergastularius
Rexea solandri

# Appendix 2: Continued.

#### Part 2

Common name Scientific name

Sailfish Istiophorus platypterus

Black Marlin Makaira indica Blue Marlin Makaira nigricans Striped Marlin Tetrapturus audax

Shortbill Spearfish Tetrapturus angustirostris

Swordfish, Broadbill Swordfish Xiphias gladius Shortfin Mako Isurus oxyrinchus Tiger Shark Galeocerdo cuvier Hammerhead Shark Sphyrna spp. Thresher Shark Alopias spp. Porbeagle Lamna nasus Albacore, Albacore Tuna Thunnus alalunga Yellowfin Tuna Thunnus albacares Southern Bluefin Tuna Thunnus maccovii Longtail Tuna Thunnus tonggol

### Part 3

Bigeye Tuna

Scientific name Common name

Yellowtail, Jack Mackerel, Trevally, Family Carangidae

Rainbow Runner, Kingfish, Samsonfish, Amberjack

Mackerel, Wahoo, Bonito, Skipjack Tuna,

Mackerel Tuna

Family Scombridae (excluding Thunnus spp.)

Thunnus obesus

Cobia Rachycentron canadum Tailor Pomatomus saltatrix Mahi Mahi, Dolphinfish Coryphaena hippurus

Eastern Australian Salmon, Australian

Salmon

Whaler Shark, Blue Shark Family Carcharhinidae (excluding Galeocerdo

cuvier)

Arripis trutta

Barracuda, Snook, Striped Seapike Family Sphyraenidae

## Part 4

All species of fish other than those listed in Parts 1, 2 and 3.

**Appendix 3:** Gamefish record data for southern bluefin tuna caught and landed in New South Wales, South Australia, Tasmania, Victoria and Western Australia (GFAA 2011).

14-May-38     Bermagui     20.4       29-Mar-66     Bermagui     20.4       9-Dec-69     Sydney     5.4       23-Jun-07     Moruya Canyons     35.0       20-Jun-09     Bermagui     24.6       28-Jun-09     Bermagui     24.6       28-Jun-09     Bermagui     24.0       9-Jul-09     Tathra     128.0       9-Jul-09     Tathra     128.0       9-Jul-109     Bermagui     28.0       5-Jul-10     Tathra     58.3       25-Jun-11     Tathra Canyons     27.8       27-Jun-11     Montague Sea Mount     61.6       28-Jun-11     Bermagui     70.4       2-Jul-11     Bermagui     70.4       2-Jul-11     Montague East     30.1       2-Jul-11     Montague East     30.1       2-Jul-11     Montague East     30.1       2-Jul-11     Montague East     115.0       2-Por-67     Sit Neptune Island     43.1       2-Apr-67     Sit Neptune Island     43.1       2-Apr-67     Sit Neptune Island     43.1       2-Jun-92     Port Liccoln     8.0       2-Jun-92     Port MacDonnell     16.6       2-Jun-92     Cabbage Patch     11.0       21-Feb-97 <th>Date</th> <th>Location</th> <th>Weight</th>	Date	Location	Weight
29-Mar-66         Bermagui         20.4           9-Dec-69         Sydney         5.4           20-Jun-07         Moruya Canyons         35.0           20-Jun-09         Bermagui         24.6           28-Jun-09         Bermagui         24.6           9-Jul-09         Tathra         128.0           9-Jul-09         Tathra         167.5           11-Jul-09         Bermagui         28.0           5-Jul-10         Tathra         58.3           25-Jun-11         Tathra Canyons         27.8           27-Jun-11         Montague Sea Mount         61.6           28-Jun-11         Bermagui         25.4           2-Jul-11         Bermagui	New South Wales		
9-Dec-69 Sydney 5, 4 23-Jun-07 Moruya Canyons 35.0 20-Jun-09 Bermagui 24.6 28-Jun-09 Bermagui 24.6 28-Jun-09 Bermagui 34.4 9-Jul-09 Tathra 128.0 9-Jul-09 Tathra 167.5 11-Jul-09 Tathra 167.5 11-Jul-09 Bermagui 28.0 5-Jul-10 Tathra 58.3 27-Jun-11 Tathra Canyons 27.5 27-Jun-11 Bermagui 70.4 1-Jul-11 Bermagui 70.4 1-Jul-11 Bermagui 30.1  SOUTH AUSTRAIL 2-Jul-11 Montague Sea Mount 61.6 28-Jun-11 Bermagui 70.4 1-Jul-11 Bermagui 70.4 1-Jul-11 Bermagui 82.0 1-Jul-11 Bermagui 82.0 1-Jul-11 Bermagui 10.5 1-Jul-11 Lil-11 Lil-11 Lil-11 Lil-11 Lil-11 Lil-11 Lil-11 Lil-11 Lil-11 Li	14-May-38	Bermagui	107.9
23-Jun-07     Moruya Canyons     35.0       20-Jun-09     Bermagui     24.6       28-Jun-09     Bermagui     34.4       9-Jul-09     Tathra     128.0       9-Jul-09     Tathra     167.5       11-Jul-09     Bermagui     28.0       5-Jul-10     Tathra     58.3       25-Jun-11     Tathra Canyons     27.8       25-Jun-11     Montague Sea Mount     61.6       28-Jun-11     Bermagui     70.4       1-Jul-11     Bermagui     25.4       2-Jul-11     Bermagui     25.4       2-Jul-12     Port MacDonnell     16.6       2-Apr-67     Sith Neptune Island     23.1       22-Jun-20     Port MacDonnell     16.6       24-Jun-29     Port MacDonnell     20.4       25-Feb-97     Streaky Bay     <	29-Mar-66	<del>-</del>	20.4
20-Jun-09         Bermagui         24-6           28-Jun-09         Bermagui         84.4           9-Jul-09         Tathra         128.0           9-Jul-09         Tathra         167.5           5-Jul-10         Tathra         58.3           5-Jul-10         Tathra         58.3           25-Jun-11         Tathra Canyons         27.8           27-Jun-11         Montague Sea Mount         61.6           28-Jun-11         Bermagui         70.4           28-Jun-11         Bermagui         25.4           2-Jul-11         Bermagui         25.4           2-Jul-11         Montague East         30.1           South Australia           2-Apr-67         Sth Neptune Island         43.1           22-Jun-92         Port MacDonnell         16.6           24-Jun-93         Port MacDonnell         16.6           24-Jun-92         Port Lincoln         8.0           25-Jun-92         Cabbage Patch         11.0           25-Feb-97         Streaky Bay         36.5           5-Feb-97         Streaky Bay         36.5           5-Feb-97         Cannon Reef         36.5           1-Jun-99	9-Dec-69	Sydney	5.4
28-Jun-09         Bermaqui         84.4           9-Jul-09         Tathra         128.0           9-Jul-09         Tathra         167.5           9-Jul-109         Bermaqui         28.0           5-Jul-10         Tathra         58.3           25-Jun-11         Tathra Canyons         27.8           27-Jun-11         Montague Sea Mount         61.6           28-Jun-11         Bermaqui         70.4           2-Jul-11         Bermaqui         25.4           2-Jul-11         Bermaqui         25.4           2-Jul-11         Bermaqui         25.4           2-Jul-11         Bermaqui         70.4           2-Jul-20         Port MacDonnell         16.6           2-Jul-20         Port MacDonnell	23-Jun-07	Moruya Canyons	35.0
9-Jul-09         Tathra         128.0           9-Jul-09         Tathra         167.5           11-Jul-09         Bermagui         28.0           5-Jul-10         Tathra         58.3           25-Jun-11         Tathra Canyons         27.8           27-Jun-11         Montague Sea Mount         61.6           28-Jun-11         Bermagui         70.4           1-Jul-11         Bermagui         25.4           2-Jul-11         Montague East         30.1           South Australia           2-Apr-67         Sth Neptune Island         43.1           12-Jun-80         D'Estree Bay         115.0           25-May-83         Port MacDonnell         8.0           24-Jun-92         Port Lincoln         8.0           25-Jun-99         Port Lincoln         8.0           25-Jun-99         Streaky Bay         24.1           5-Feb-97         Streaky Bay         36.5           5-Feb-97         Vard Island         20.5           5-Jun-99         Port MacDonnell         34.0           1-Apr-07         Port MacDonnell         34.0           1-Apr-07         Liguanea Is         12.2           12-May-0	20-Jun-09	Bermagui	24.6
9-Jul-09         Tathra         128.0           9-Jul-09         Tathra         167.5           11-Jul-09         Bermagui         28.0           5-Jul-10         Tathra         58.3           25-Jun-11         Tathra Canyons         27.8           27-Jun-11         Montague Sea Mount         61.6           28-Jun-11         Bermagui         70.4           1-Jul-11         Bermagui         25.4           2-Jul-11         Montague East         30.1           South Australia           2-Apr-67         Sth Neptune Island         43.1           12-Jun-80         D'Estree Bay         115.0           25-May-83         Port MacDonnell         8.0           24-Jun-92         Port Lincoln         8.0           25-Jun-99         Port Lincoln         8.0           25-Jun-99         Streaky Bay         24.1           5-Feb-97         Streaky Bay         36.5           5-Feb-97         Vard Island         20.5           5-Jun-99         Port MacDonnell         34.0           1-Apr-07         Port MacDonnell         34.0           1-Apr-07         Liguanea Is         12.2           12-May-0	28-Jun-09	Bermagui	84.4
11 Jul-09	9-Jul-09		128.0
5-Jul-10         Tathra         58.3           25-Jun-11         Tathra Canyons         27.8           27-Jun-11         Montague Sea Mount         61.6           28-Jun-11         Bermagui         70.4           1-Jul-11         Bermagui         25.4           2-Jul-11         Montague East         30.1           South Australia           2-Apr-67         Sth Neptune Island         43.1           12-Jun-80         D'Estree Bay         115.0           25-May-83         Port MacDonnell         16.6           24-Jun-92         Port Lincoln         8.0           25-Jun-92         Cabbage Patch         11.0           21-Feb-96         Streaky Bay         24.1           21-Feb-97         Streaky Bay         36.5           5-Feb-97         Cannon Reef         36.5           19-Feb-97         Ward Island         20.5           5-Jun-99         Port MacDonnell         23.4           1-Apr-07         Port MacDonnell         34.0           1-Apr-07         Port MacDonnell         14.2           12-May-07         Liguanea Is         14.3           18-May-08         Port MacDonnell         20.4	9-Jul-09	Tathra	167.5
25-Jun-11       Tathra Canyons       27.8         27-Jun-11       Montague Sea Mount       61.6         28-Jun-11       Bermagui       70.4         1-Jul-11       Bermagui       25.4         2-Jul-11       Montague East       30.1         South Australia         2-Apr-67       Sth Neptune Island       43.1         12-Jun-80       D'Estree Bay       115.0         25-May-83       Port MacDonnell       16.6         24-Jun-92       Port MacDonnell       8.0         25-Jun-92       Cabbage Patch       11.0         21-Feb-96       Streaky Bay       24.1         5-Feb-97       Streaky Bay       36.5         5-Feb-97       Cannon Reef       36.5         19-Feb-97       Ward Island       20.5         5-Jun-99       Port MacDonnell       23.4         1-Apr-07       Port MacDonnell       34.0         12-Apr-07       Port MacDonnell       34.0         12-May-07       Liguanea Is       14.2         12-May-07       Liguanea Is       14.3         12-May-08       Port MacDonnell       20.4         1-Jun-08       Port MacDonnell       20.4         1-Jun-	11-Jul-09	Bermagui	28.0
27-Jun-11       Montague Sea Mount       61.6         28-Jun-11       Bermagui       70.4         1-Jul-11       Bermagui       25.4         2-Jul-11       Montague East       30.1         South Australia         2-Apr-67       Sth Neptune Island       43.1         12-Jun-80       D'Estree Bay       115.0         25-May-83       Port MacDonnell       16.6         24-Jun-92       Port Lincoln       8.0         25-Jun-92       Cabbage Patch       11.0         21-Feb-96       Streaky Bay       24.1         5-Feb-97       Streaky Bay       24.1         5-Feb-97       Cannon Reef       36.5         9-Feb-97       Ward Island       20.5         5-Jun-99       Port MacDonnell       23.4         1-Apr-07       Port MacDonnell       23.4         1-Apr-07       Port MacDonnell       14.2         12-May-07       Liguanea Is       12.9         12-May-07       Liguanea Is       12.9         8-May-08       Port MacDonnell       20.4         8-May-08       Port MacDonnell       20.4         1-Jun-08       Port MacDonnell       28.1	5-Jul-10	Tathra	58.3
28-Jun-11       Bermagui       70.4         1-Jul-11       Bermagui       25.4         2-Jul-11       Montague East       30.1         South Australia         2-Apr-67       Sth Neptune Island       43.1         12-Jun-80       D'Estree Bay       115.0         25-May-83       Port MacDonnell       16.6         24-Jun-92       Port Lincoln       8.0         25-Jun-92       Cabbage Patch       11.0         21-Feb-96       Streaky Bay       24.1         5-Feb-97       Streaky Bay       36.5         5-Feb-98       Streaky Bay       36.5         5-Jun-99       Port MacDonnell       20.5         19-Feb-97       Ward Island       20.5         5-Jun-99       Port MacDonnell       34.0         12-Apr-07       Port MacDonnell       34.0         21-Apr-07       Liguanea Is       12.9         12-May-07       Liguanea Is       12.9         12-May-08       Port MacDonnell       20.4         8-May-08       Port MacDonnell       20.4         8-May-08       Port MacDonnell       20.0         1-Jun-08       Port MacDonnell       28.1         13-Apr-09 <td>25-Jun-11</td> <td>Tathra Canyons</td> <td>27.8</td>	25-Jun-11	Tathra Canyons	27.8
1-Jul-11       Bermagui       25.4         2-Jul-11       Montague East       30.1         South Australia         2-Apr-67       Sth Neptune Island       43.1         12-Jun-80       D'Estree Bay       115.0         25-May-83       Port MacDonnell       16.6         24-Jun-92       Port Lincoln       8.0         25-Jun-92       Cabbage Patch       11.0         25-Jun-92       Streaky Bay       24.1         5-Feb-96       Streaky Bay       36.5         5-Feb-97       Streaky Bay       36.5         5-Feb-97       Vard Island       20.5         5-Feb-97       Ward Island       20.5         5-Jun-99       Port MacDonnell       23.4         1-Apr-07       Port MacDonnell       34.0         21-Apr-07       Port MacDonnell       34.0         21-May-07       Liguanea Is       12.9         12-May-07       Liguanea Is       14.3         8-May-08       Port MacDonnell       20.4         8-May-08       Port MacDonnell       20.4         8-May-08       Port MacDonnell       20.0         1-Jun-08       Port MacDonnell       20.1         7-Mar-09	27-Jun-11	Montague Sea Mount	61.6
South Australia     Sth Neptune Island     43.1       12-Jun-80     D'Estree Bay     115.0       25-May-83     Port MacDonnell     16.6       24-Jun-92     Port Lincoln     8.0       25-Jun-92     Cabbage Patch     11.0       21-Feb-96     Streaky Bay     24.1       25-Feb-97     Streaky Bay     36.5       5-Feb-97     Cannon Reef     36.5       19-Feb-97     Ward Island     20.5       5-Jun-99     Port MacDonnell     23.4       1-Apr-07     Port MacDonnell     34.0       21-Apr-07     Port Mac Donnell     14.2       21-May-07     Liguanea Is     12.9       12-May-07     Liguanea Is     12.9       8-May-08     Port MacDonnell     20.4       8-May-08     Port MacDonnell     20.4       8-May-08     Port MacDonnell     20.0       8-May-09     Port MacDonnell     20.0       1-Apr-09     Po	28-Jun-11	Bermagui	70.4
South Australia           2-Apr-67         Sth Neptune Island         43.1           12-Jun-80         D'Estree Bay         115.0           25-May-83         Port MacDonnell         16.6           24-Jun-92         Port Lincoln         8.0           25-Jun-92         Cabbage Patch         11.0           21-Feb-96         Streaky Bay         24.1           5-Feb-97         Streaky Bay         36.5           5-Feb-97         Cannon Reef         36.5           19-Feb-97         Ward Island         20.5           5-Jun-99         Port MacDonnell         23.4           1-Apr-07         Port MacDonnell         34.0           21-Apr-07         Port MacDonnell         14.2           12-May-07         Liguanea Is         12.9           12-May-07         Liguanea Is         14.3           8-May-08         Port MacDonnell         20.4           8-May-08         Port MacDonnell         20.0           13-Jun-08         Port MacDonnell         20.0           7-Mar-09         Port McDonnell         28.1           13-Apr-09         Port McDonnell         28.1           13-Apr-09         Port MacDonnell         19.3	1-Jul-11	Bermagui	25.4
2-Apr-67       Sth Neptune Island       43.1         12-Jun-80       D'Estree Bay       115.0         25-May-83       Port MacDonnell       16.6         24-Jun-92       Port Lincoln       8.0         25-Jun-92       Cabbage Patch       11.0         21-Feb-96       Streaky Bay       24.1         5-Feb-97       Streaky Bay       36.5         5-Feb-97       Cannon Reef       36.5         5-Jun-99       Port MacDonnell       23.4         1-Apr-07       Port MacDonnell       34.0         21-Apr-07       Port Mac Donnell       14.2         12-May-07       Liguanea Is       12.9         12-May-07       Liguanea Is       12.9         8-May-08       Port MacDonnell       20.4         8-May-08       Port MacDonnell       20.4         8-May-08       Port MacDonnell       20.0         1-Jun-08       Port MacDonnell       20.0         1-Jun-08       Port MacDonnell       28.1         7-Mar-09       Port McDonnell       19.3         6-May-09       Port MacDonnell       19.3         6-May-09       Port MacDonnell       16.2	2-Jul-11	Montague East	30.1
12-Jun-80       D'Estree Bay       115.0         25-May-83       Port MacDonnell       16.6         24-Jun-92       Port Lincoln       8.0         25-Jun-92       Cabbage Patch       11.0         21-Feb-96       Streaky Bay       24.1         5-Feb-97       Streaky Bay       36.5         5-Feb-97       Cannon Reef       36.5         5-Jun-99       Port MacDonnell       20.5         5-Jun-99       Port MacDonnell       34.0         21-Apr-07       Port Mac Donnell       14.2         21-Apr-07       Port Mac Donnell       14.2         21-Amy-07       Liguanea Is       12.9         12-May-07       Liguanea Is       12.9         8-May-08       Port MacDonnell       20.4         8-May-08       Port MacDonnell       17.7         31-May-08       Port MacDonnell       20.0         1-Jun-08       Port MacDonnell       28.1         7-Mar-09       Port MacDonnell       28.1         13-Apr-09       Port MacDonnell       19.3         6-May-09       Port MacDonnell       19.3	South Australia		
25-May-83       Port MacDonnell       16.6         24-Jun-92       Port Lincoln       8.0         25-Jun-92       Cabbage Patch       11.0         21-Feb-96       Streaky Bay       24.1         5-Feb-97       Streaky Bay       36.5         5-Feb-98       Cannon Reef       36.5         19-Feb-97       Ward Island       20.5         5-Jun-99       Port MacDonnell       23.4         1-Apr-07       Port MacDonnell       34.0         21-Apr-07       Port Mac Donnell       14.2         12-May-07       Liguanea Is       12.9         12-May-07       Liguanea Is       14.3         8-May-08       Port MacDonnell       20.4         8-May-08       Port MacDonnell       17.7         31-May-08       Port MacDonnell       20.0         1-Jun-08       Port MacDonnell       20.0         7-Mar-09       Port McDonnell       28.1         13-Apr-09       Port McDonnell       19.3         6-May-09       Port MacDonnell       16.2	2-Apr-67	Sth Neptune Island	43.1
24-Jun-92       Port Lincoln       8.0         25-Jun-92       Cabbage Patch       11.0         21-Feb-96       Streaky Bay       24.1         5-Feb-97       Streaky Bay       36.5         5-Feb-97       Cannon Reef       36.5         19-Feb-97       Ward Island       20.5         5-Jun-99       Port MacDonnell       23.4         1-Apr-07       Port MacDonnell       34.0         21-Apr-07       Port Mac Donnell       14.2         12-May-07       Liguanea Is       12.9         12-May-07       Liguanea Is       12.9         8-May-08       Port MacDonnell       20.4         8-May-08       Port MacDonnell       20.4         31-May-08       Port MacDonnell       20.0         1-Jun-08       Port MacDonnell       28.1         7-Mar-09       Port McDonnell       28.1         13-Apr-09       Port MacDonnell       19.3         6-May-09       Port MacDonnell       16.2	12-Jun-80	D'Estree Bay	115.0
25-Jun-92       Cabbage Patch       11.0         21-Feb-96       Streaky Bay       24.1         5-Feb-97       Streaky Bay       36.5         5-Feb-97       Cannon Reef       36.5         19-Feb-97       Ward Island       20.5         5-Jun-99       Port MacDonnell       23.4         1-Apr-07       Port MacDonnell       34.0         21-Apr-07       Port Mac Donnell       14.2         12-May-07       Liguanea Is       12.9         12-May-07       Liguanea Is       14.3         8-May-08       Port MacDonnell       20.4         8-May-08       Port MacDonnell       17.7         31-May-08       Port MacDonnell       20.0         1-Jun-08       Port MacDonnell       28.1         7-Mar-09       Port McDonnell       28.1         13-Apr-09       Pt MacDonnell       19.3         6-May-09       Port MacDonnell       16.2	25-May-83	Port MacDonnell	16.6
21-Feb-96       Streaky Bay       24.1         5-Feb-97       Streaky Bay       36.5         5-Feb-97       Cannon Reef       36.5         19-Feb-97       Ward Island       20.5         5-Jun-99       Port MacDonnell       23.4         1-Apr-07       Port MacDonnell       34.0         21-Apr-07       Port Mac Donnell       14.2         12-May-07       Liguanea Is       12.9         12-May-08       Port MacDonnell       20.4         8-May-08       Port MacDonnell       20.4         8-May-08       Port MacDonnell       20.0         31-May-08       Port MacDonnell       20.0         1-Jun-08       Port MacDonnell       23.7         7-Mar-09       Port McDonnell       28.1         13-Apr-09       Port MacDonnell       19.3         6-May-09       Port MacDonnell       16.2	24-Jun-92	Port Lincoln	8.0
5-Feb-97       Streaky Bay       36.5         5-Feb-97       Cannon Reef       36.5         19-Feb-97       Ward Island       20.5         5-Jun-99       Port MacDonnell       23.4         1-Apr-07       Port MacDonnell       34.0         21-Apr-07       Port Mac Donnell       14.2         12-May-07       Liguanea Is       12.9         12-May-07       Liguanea Is       14.3         8-May-08       Port MacDonnell       20.4         8-May-08       Port MacDonnell       17.7         31-May-08       Port MacDonnell       20.0         1-Jun-08       Port MacDonnell       13.7         7-Mar-09       Port McDonnell       28.1         13-Apr-09       Pot MacDonnell       19.3         6-May-09       Pott MacDonnell       16.2	25-Jun-92	Cabbage Patch	11.0
5-Feb-97       Cannon Reef       36.5         19-Feb-97       Ward Island       20.5         5-Jun-99       Port MacDonnell       23.4         1-Apr-07       Port MacDonnell       34.0         21-Apr-07       Port Mac Donnell       14.2         12-May-07       Liguanea Is       12.9         8-May-08       Port MacDonnell       20.4         8-May-08       Port MacDonnell       17.7         31-May-08       Port MacDonnell       20.0         1-Jun-08       Port MacDonnell       13.7         7-Mar-09       Port McDonnell       28.1         13-Apr-09       Pt MacDonnell       19.3         6-May-09       Port MacDonnell       16.2	21-Feb-96	Streaky Bay	24.1
19-Feb-97       Ward Island       20.5         5-Jun-99       Port MacDonnell       23.4         1-Apr-07       Port MacDonnell       34.0         21-Apr-07       Port Mac Donnell       14.2         12-May-07       Liguanea Is       12.9         12-May-08       Port MacDonnell       20.4         8-May-08       Port MacDonnell       17.7         31-May-08       Port MacDonnell       20.0         1-Jun-08       Port MacDonnell       23.4         7-Mar-09       Port McDonnell       28.1         13-Apr-09       Pt MacDonnell       19.3         6-May-09       Port MacDonnell       16.2	5-Feb-97	Streaky Bay	36.5
5-Jun-99       Port MacDonnell       23.4         1-Apr-07       Port MacDonnell       34.0         21-Apr-07       Port Mac Donnell       14.2         12-May-07       Liguanea Is       12.9         12-May-08       Port MacDonnell       20.4         8-May-08       Port MacDonnell       17.7         31-May-08       Port MacDonnell       20.0         1-Jun-08       Port MacDonnell       23.7         7-Mar-09       Port McDonnell       28.1         13-Apr-09       Port MacDonnell       19.3         6-May-09       Port MacDonnell       16.2	5-Feb-97	Cannon Reef	36.5
1-Apr-07       Port MacDonnell       34.0         21-Apr-07       Port Mac Donnell       14.2         12-May-07       Liguanea Is       12.9         12-May-08       Port MacDonnell       20.4         8-May-08       Port MacDonnell       17.7         31-May-08       Port MacDonnell       20.0         1-Jun-08       Port MacDonnell       20.0         1-Jun-08       Port McDonnell       28.1         7-Mar-09       Pt MacDonnell       19.3         6-May-09       Port MacDonnell       16.2	19-Feb-97	Ward Island	20.5
21-Apr-07       Port Mac Donnell       14.2         12-May-07       Liguanea Is       12.9         12-May-08       Port MacDonnell       20.4         8-May-08       Port MacDonnell       17.7         31-May-08       Port MacDonnell       20.0         1-Jun-08       Port MacDonnell       13.7         7-Mar-09       Port McDonnell       28.1         13-Apr-09       Pt MacDonnell       19.3         6-May-09       Port MacDonnell       16.2	5-Jun-99	Port MacDonnell	23.4
12-May-07       Liguanea Is       12.9         12-May-07       Liguanea Is       14.3         8-May-08       Port MacDonnell       20.4         8-May-08       Port MacDonnell       17.7         31-May-08       Port MacDonnell       20.0         1-Jun-08       Port MacDonnell       13.7         7-Mar-09       Port McDonnell       28.1         13-Apr-09       Pt MacDonnell       19.3         6-May-09       Port MacDonnell       16.2	1-Apr-07	Port MacDonnell	34.0
12-May-07     Liguanea Is     14.3       8-May-08     Port MacDonnell     20.4       8-May-08     Port MacDonnell     17.7       31-May-08     Port MacDonnell     20.0       1-Jun-08     Port MacDonnell     13.7       7-Mar-09     Port McDonnell     28.1       13-Apr-09     Pt MacDonnell     19.3       6-May-09     Port MacDonnell     16.2	21-Apr-07	Port Mac Donnell	14.2
8-May-08       Port MacDonnell       20.4         8-May-08       Port MacDonnell       17.7         31-May-08       Port MacDonnell       20.0         1-Jun-08       Port MacDonnell       13.7         7-Mar-09       Port McDonnell       28.1         13-Apr-09       Pt MacDonnell       19.3         6-May-09       Port MacDonnell       16.2	12-May-07	Liguanea Is	12.9
8-May-08       Port MacDonnell       17.7         31-May-08       Port MacDonnell       20.0         1-Jun-08       Port MacDonnell       13.7         7-Mar-09       Port McDonnell       28.1         13-Apr-09       Pt MacDonnell       19.3         6-May-09       Port MacDonnell       16.2	12-May-07	Liguanea Is	14.3
31-May-08       Port MacDonnell       20.0         1-Jun-08       Port MacDonnell       13.7         7-Mar-09       Port McDonnell       28.1         13-Apr-09       Pt MacDonnell       19.3         6-May-09       Port MacDonnell       16.2	8-May-08	Port MacDonnell	20.4
1-Jun-08       Port MacDonnell       13.7         7-Mar-09       Port McDonnell       28.1         13-Apr-09       Pt MacDonnell       19.3         6-May-09       Port MacDonnell       16.2	8-May-08	Port MacDonnell	17.7
7-Mar-09       Port McDonnell       28.1         13-Apr-09       Pt MacDonnell       19.3         6-May-09       Port MacDonnell       16.2	31-May-08	Port MacDonnell	20.0
13-Apr-09       Pt MacDonnell       19.3         6-May-09       Port MacDonnell       16.2	1-Jun-08	Port MacDonnell	13.7
6-May-09 Port MacDonnell 16.2	7-Mar-09	Port McDonnell	28.1
,	13-Apr-09	Pt MacDonnell	19.3
6-May-09 Pt MacDonnell 14.6	6-May-09	Port MacDonnell	16.2
	6-May-09	Pt MacDonnell	14.6

Continued...

Appendix 3: Continued.

Date	Location	Weight
Tasmania		
3-May-62		96.6
8-May-62		13.6
6-May-63	Kelly Island	70.8
29-May-63	Cape Pillar	79.8
2-Mar-76	Hippolytes	59.0
6-Mar-78		22.0
28-May-79		19.7
11-May-80	Tasman Island	106.5
7-Mar-81	Tasman Island	37.0
19-Apr-81	St Helens	21.7
3-May-81	Eagle Hawk Neck	45.3
30-Apr-82		115.5
9-Jun-82		13.8
20-Apr-85		125.8
21-Apr-88		28.0
22-Apr-88	Hippolyte Rock	24.5
30-Apr-88		31.5
7-Feb-89		20.6
11-May-90		106.5
24-Apr-95		36.0
19-Feb-97	Ward Island	20.5
12-May-01	Eaglehawk Neck	25.0
11-May-07	St Helens	153.0
1-Jun-08	Pedra Branca Rock	79.0
8-Mar-09	Tasman Is	20.4
8-Mar-09	Hypolites	26.8
16-May-09	The Lanterns	90.2
Victoria		
6-Feb-79		18.3
11-Jul-79		32.8
15-May-81		14.8
7-Jun-81		14.6
7-Jun-81		21.0
7-Jun-81		14.4
17-May-82		21.0
14-Jun-82		9.8
14-Jun-82		12.4
10-Jul-82		12.4
11-Jun-83		14.4
22-Jan-90		21.0
6-May-90		23.5
28-Apr-91		20.6
26-May-91		14.2
19-May-10	Port Fairy	125.1
22-May-10	Port Fairy	128.0
5-Jul-10	Portland	11.3
24-Jul-10	Portland	8.7
29-May-11	Pt Fairy	13.8

Continued...

# Appendix 3: Continued.

Date	Location	Weight
Western Australia		_
7-Feb-09	Rottnest Is	3.8
14-Mar-10	Rottnest Is	3.0
4-Jul-10	Rottnest Is	4.2
4-Jul-10	Rottnest Is	4.2
7-Aug-10	Rotnest Is	6.5
29-Aug-10	Rottnest Is	7.1
29-Aug-10	Rottnest Is	6.9
5-Sep-10	Rottnest Is	7.3
18-Sep-10	Rottnest Is	5.1
3-Jan-11	Rottnest Is	3.4

Dr Geoff Allan c/- NSW Department of Primary Industries Locked Bag 1 NELSON BAY NSW 2315

Dear Dr Allan,

I am writing to you on behalf of the Aboriginal Fishing Advisory Council (AFAC) in regards to the proposed *Fisheries Management (Southern Bluefin Tuna) Order 2013* (the Order).

AFAC recognises that Southern Bluefin Tuna are predominately caught in waters on the edge of the continental shelf and therefore they are not a significant species harvested by cultural fishers but, could still be landed on occasion.

If the science supports the recreational take of Southern Bluefin Tuna even with its listing as a threatened species than AFAC supports the proposed Order. AFAC wishes to note however, that cultural fishing access to other protected fish species should be given similar consideration in the future.

It is also timely to note that AFAC is working on the development of cultural fishing regulations that will allow limits (including bag and possession limits) to be applied to the special cultural fishing provisions of the Act (which are yet to be commenced) . In the meantime, an Interim Compliance Policy (ICP) is in place to reflect community needs whilst the proposed regulations are negotiated. The ICP allows an individual to take double (except for abalone) the recreational bag/possession limit if for the purpose of providing for cultural needs where elders, the incapacitated or other community members who are able to or it is otherwise not appropriate for them to engage in Aboriginal cultural fishing.

Although, cultural fishing is considered distinct from commercial and recreational fishing it will become even more recognised through the development of this regulation. Given this Order explicitly grants authorisation for recreational fishers to take Southern Bluefin Tuna, cultural fishing will need to be incorporated into this Order and future Orders so as to allow for continued cultural fishing access to such species once the pending cultural fishing regulation commences.

Please do not hesitate to contact me directly on 0438 993 784 if you have any inquiries regarding this matter.

Yours sincerely

Danny Chapman Chairperson

**Aboriginal Fishing Advisory Council** 

Date: 17/6/13

Dr Geoff Allan Executive Director, Fisheries NSW Port Stephens Fisheries Institute Locked Bag 1 NELSON BAY NSW 2315

### Dear Dr Allan

I am writing to you in response to your letter of 6 May 2013 on behalf of the NSW Advisory Council on Recreational Fishing (ACoRF) in relation to the proposed *Fisheries Management (Southern Bluefin Tuna) Order 2013*.

The Council was consulted out of session in May 2013 regarding this issue. There is general support from Council for the order to be made to authorise continued recreational fishing for Southern Bluefin Tuna in accordance with applicable regulatory controls.

Council understands that the proposed Ministerial order and relevant Species Impact Statement (SIS) as well as this advice from ACoRF will be placed on public exhibition prior to the order being made.

Please contact me if you need any further information.

Yours sincerely

Bruce Schumacher

Chairman

Advisory Council on Recreational Fishing

17<sup>th</sup> June 2013

Your Ref: OUT12/29768



Dr Geoff Allan Executive Director, Fisheries NSW Port Stephens Fisheries Institute Locked Bag 1 NELSON BAY NSW 2315

Dear Dr Allan,

Thank you for giving the Fisheries Scientific Committee (FSC) the opportunity to consider the draft *Fisheries Management (Southern Bluefin Tuna) Order* 2013.

The FSC is of the opinion that the regulation amendments set out in the draft Order may significantly reduce fishing pressure on the endangered Southern Bluefin Tuna.

The FSC supports the Order as it stands

Yours sincerely,

Dr Jane Williamson

Chairperson

Fisheries Scientific Committee

30<sup>th</sup> May 2013