

SUPPLEMENTARY GAZETTE



THE SOUTH AUSTRALIAN
GOVERNMENT GAZETTE

 PUBLISHED BY AUTHORITY

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 ADELAIDE, TUESDAY, 28 AUGUST 2001

FISHERIES ACT 1982

MARINE MOLLUSC FARMING LICENCE FM00348

*Licence to Farm Fish under section 53 of the Fisheries
Act 1982*

THE Minister for Primary Industries and Resources ('the Minister') hereby grants to:

John D. Wall (18623)
41 Hunt Street
Smoky Bay, S.A. 5680

a licence to occupy and use the waters and airspace over the land specified in Item 1 of Schedule 1 of this licence ('the site') for the purpose of farming and taking the permitted species ('the permitted use') for the period commencing on 1 July 2001 and ending, subject to any earlier termination under this licence, on 30 June 2002 ('the term') subject to the following terms and conditions:

CONDITIONS OF THIS LICENCE

1. *Marked-off Areas*

- 1.1 Subject to section 53A of the Fisheries Act 1982, this licence does not entitle the licensee to exclusive rights of entry to and occupation of the site. The rights granted by this licence are exercisable by the licensee in common with any other occupiers of the site from time to time.
- 1.2 For the purposes of section 53A of the Fisheries Act 1982, the marked-off areas within the site are that area or those areas marked-off or indicated in the manner set out in Item 2 of Schedule 1 of this licence.

2. *Permitted Species*

The licensee:

- 2.1 must not farm or introduce any species at the site other than the permitted species referred to in Schedule 2; and

- 2.2 must not take any wild fish from the site except for recreational purposes.

3. *Permitted Use*

The licensee must not use the site for any purpose other than the permitted use.

4. *Permitted Methods*

- 4.1 The licensee must, in undertaking the permitted use, take all reasonable and practicable measures to prevent or minimise damage to the environment. Without limiting the generality of the foregoing, the licensee:
 - 4.1.1 must ensure the total length of each unit does not exceed 3 km of longline or 1 km of racking per hectare, and each unit must be at least 5 m from any other unit;
 - 4.1.2 must not use the anti-fouling chemical tributyltin (TBT) on any equipment used at the site;
 - 4.1.3 must not use any chemical or drug for either therapeutic or prophylactic purpose except with the prior approval of the Minister;
 - 4.1.4 must undertake an environmental monitoring program approved by the Minister and as specified in Clause 4.3;
 - 4.1.5 must not introduce the permitted species to the site before the approval of the environmental monitoring program referred to in 4.1.4 by the Minister;
 - 4.1.6 must comply with the schedule of reporting for the environmental monitoring program as prescribed in Schedule 6 and submit the final results of the environmental monitoring program to the Minister 30 days before expiry of the term of this licence.

4.2 SASQAP

4.2.1 It is a condition of your licence to farm bivalve molluscs that only shellfish from Classified and Approved areas under the South Australian Shellfish Quality Assurance Program (SASQAP) may be sold for human consumption.

4.2.2 The licensee must continue to meet all the regulations required under the Food Standards Code to produce a product safe for human consumption.

4.3 The licensee must submit a draft environmental monitoring program to the Minister for approval within 60 days of the grant of the licence by the Minister. The draft environmental monitoring program must include the qualifications and experience of the person(s) designing and undertaking the program and address the matters listed in Schedule 5.

5. Marking and Maintaining the Site

The licensee:

5.1 must ensure that the site is maintained in a good, tidy and safe condition to the satisfaction of the Minister;

5.2 must remove and lawfully dispose of any waste or debris on the site as soon as is reasonably practicable and in particular must comply with any guidelines issued from time to time by the Minister in relation to the removal from the site of any unhealthy or dead fish;

5.3 must maintain all buoys, crosses, and markers on the site in good condition and in accordance with the colours specified in Schedule 1 of this licence; and

5.4 must mark the site boundary in accordance with the requirements of the Minister for Transport.

6. Site Inspection and Supervision

The licensee:

6.1 must at all times permit the Minister, his employees, agents or contractors or any employees, agents or contractors of the Crown to enter the site for the purposes of inspecting the site, the sea floor and the flora and fauna on or in the vicinity of the site; and

6.2 must comply with all reasonable directions of any such person authorised by the Director of Fisheries to inspect the conduct of the licensee's activities at the site.

7. Fees and Returns

The licensee:

7.1 must pay to the Minister the licence fee in accordance with Item 1 of Schedule 3 of this licence;

7.2 must on or before 31 January and 31 July during the term, submit to the Minister a return supplying all of the information described in Schedule 4 of this licence.

8. Public Risk Insurance

The licensee must at its own cost during the term maintain in full force and effect in respect of the site and the permitted use a policy of public risk insurance in the joint names of the licensee and the Minister. The limits of public risk must not be less than the amount specified in Item 2 of Schedule 3 of this licence, or such other amount as the Minister may from time to time reasonably require. A policy of insurance or copy thereof or a certificate of insurance must be produced by the licensee to the Minister on written request.

9. Guarantee or Indemnity Scheme

The licensee must either:

9.1 provide a guarantee from its bankers to the amount specified in Item 3 of Schedule 3; or

9.2 contribute to an indemnity scheme established for the aquaculture and fisheries industry and approved by the Minister,

to and in favour of and for the benefit of the Minister by way of security for the due and punctual performance by the licensee of the terms and conditions of this licence and in particular the obligations of the licensee to rehabilitate the site immediately prior to the expiration or sooner determination of the term of this licence. Such guarantee or indemnity scheme must have effect from the date of commencement of the term.

10. No Assignment

The licensee must not assign or sublet or deal in any other way with any interest in this licence.

11. Variation and Cancellation

11.1 The Minister may without prior notice vary or cancel this licence immediately during the term for the purposes of preventing or minimising any damage or threat of damage to the environment. For the purpose of this condition the Minister may have regard to but is not limited by the following considerations:

11.1.1 the results of monitoring undertaken pursuant to Clause 4.1.5;

11.1.2 the results of any other monitoring as may from time to time be carried out; or

11.1.3 such other relevant information within the knowledge of the Minister.

11.2 Subject to and without limiting Condition 13.1, in the event of breach by the licensee of any term or condition of this licence, the Minister may:

11.2.1 give to the licensee written notice of such breach and the Minister's requirements for rectification thereof; or

11.2.2 cancel this licence for failure to comply with such requirements for rectification.

11.3 The Minister may cancel this licence if the licensee is a body corporate, and any of the following occur:

11.3.1 the licensee is unable to pay its debts as and when they fall due or is otherwise insolvent;

11.3.2 an order is made for the winding up or liquidation of the licensee;

11.3.3 the licensee enters into a scheme of arrangement, compromise, moratorium or other form of composition with its creditors or any class of its creditors;

11.3.4 a receiver, a manager or a receiver and manager, a company administrator or other insolvency administrator is appointed to the licensee; or

11.3.5 a mortgagee, chargee or other encumbrancee is appointed over or takes possession of or appoints an agent to take possession of all or any of the licensee's assets.

11.4 The Minister may cancel this licence if the licensee is an individual, and the licensee:

11.4.1 becomes bankrupt or assigns its estate or enters into a deed of arrangement or other form of composition for the benefit of the licensee's creditors; or

11.4.2 is convicted of an indictable offence.

11.5 Cancellation of this licence by the Minister shall be without prejudice to any rights, remedies or actions that the Minister may have against the licensee in respect of any antecedent breach by the licensee of the terms and conditions contained in this licence.

Granted by the General Manager Aquaculture, delegate for the purposes of section 53 of the Minister responsible for administration of the Fisheries Act 1982, on 10 August 2001.

I. NIGHTINGALE, General Manager Aquaculture

SCHEDULE 1

Item 1—The Site

Area applicable to this licence:

Licensed Area	Licensed Hectares
AGD 66—Zone 53	
395395E 6416861N	2.25
395448E 6416858N	
395417E 6416434N	
395365E 6416438N	

All *St Andrew's crosses* must be marked with the site's unique 'FM number'; that is the licence number.

Item 2—Marked-off Areas

[Co-ordinates of developed areas within the site to be provided by the licensee].

White buoys of at least 12 inches in diameter must be placed around the whole of the perimeter of the developed areas within the site at a distance of no less than 50 m from one another.

SCHEDULE 2

Item 1—Permitted Species

The Director of Fisheries has, pursuant to section 50 (2) of the Act, issued a permit for the release of the fish specified in this Schedule.

Pacific Oysters (*Crassostrea gigas*)

*Item 2—Permitted Farming Methods**Longlines*

The total length of each unit must not exceed 3 km of longline not less than 3 m apart, or 1 km of racking per hectare, and each unit must be at least 5 m from any other unit.

Item 3—Criteria for Development of Marine Aquaculture Sites

Development must have commenced on the site within 12 months of the licence being issued. The minimum level of development on the site must be:

0.2 ha developed with 0.6 km of BST longline or 0.2 km of racking on the site.

SCHEDULE 3

Item 1—Fees

Annual licence fees are payable as prescribed in the licence renewal.

Item 2—Insurance

Ten million dollars (\$10 000 000).

Item 3—Guarantee

Ten thousand dollars (\$10 000).

SCHEDULE 4

Production Returns

The licensee must submit production returns to the Minister on or before 30 December and 30 June during the term of this licence. The information contained in these returns will be determined by the Minister. These returns must be forwarded to the General Manager, Aquaculture SA, 14th Floor, 25 Grenfell Street, Adelaide, S.A. 5000.

SCHEDULE 5

Environmental Monitoring Program

MATTERS TO BE ADDRESSED

The monitoring program should address the following matters in relation to the permitted use:

Farm Management

1. Approximate layout of all structures on the site during the term including location, number and size.
2. Growth and condition of the permitted species.
3. Occurrence of disease incidents in the permitted species.

Water Quality

1. Phytoplankton including species composition and abundance.

2. Status of the site under the South Australian Shellfish Quality Assurance Program during the term (including closures).

Feral Oysters

Presence and numbers of feral oysters.

Benthic Sediments

Sedimentation through measuring total organic carbon and particle size analysis of sediment samples.

Benthic Fauna and Flora

Benthic macro-flora communities including composition, distribution and abundance.

METHODOLOGY

Video Transects

Video transects should be used to assess broad scale changes in sediment consistency, presence of farming waste and the composition and abundance of macro-flora communities.

Video transects must be collected using equipment capable of producing a clear and well lit image. Transects must extend across the site, including sections under the development, and extend 50 m out both sides of the site. The location of the video transects must be identified on a map attached to the environmental monitoring report. Each transect must be identified on the video with a unique transect number.

Report

The environmental monitoring report must be legible and contain a declaration regarding the authenticity and source of all data and results contained in the report. This declaration must be signed by the licence holder and the person(s) conducting the monitoring program.

The report must include an assessment of the results of the monitoring program against the provisions of the Environment Protection (Marine) Policy 1994, and must be accompanied by all raw data, video footage and diver notes.

SCHEDULE 6

Schedule of Environmental Monitoring Reports

The licensee must submit a final environmental monitoring program report within 12 months of the commencement of this licence to the Minister, c/o General Manager Aquaculture SA, 14th Floor, 25 Grenfell Street, G.P.O. Box 1625, Adelaide, S.A. 5000.

FISHERIES ACT 1982

MARINE MOLLUSC FARMING LICENCE FM00367

Licence to Farm Fish under section 53 of the Fisheries Act 1982

THE Minister for Primary Industries and Resources ('the Minister') hereby grants to:

Basil Ireland (13868)
Maureen M. Ireland (20057)
Youngs Road
Port Broughton, S.A. 5522

a licence to occupy and use the waters and airspace over the land specified in Item 1 of Schedule 1 of this licence ('the site') for the purpose of farming and taking the permitted species ('the permitted use') for the period commencing on 1 July 2001 and ending, subject to any earlier termination under this licence, on 30 June 2002 ('the term') subject to the following terms and conditions:

CONDITIONS OF THIS LICENCE

1. *Marked-off Areas*

- 1.1 Subject to section 53A of the Fisheries Act 1982, this licence does not entitle the licensee to exclusive rights of entry to and occupation of the site. The rights granted by this licence are exercisable by the licensee in common with any other occupiers of the site from time to time.
- 1.2 For the purposes of section 53A of the Fisheries Act 1982, the marked-off areas within the site are that area or those areas marked-off or indicated in the manner set out in Item 2 of Schedule 1 of this licence.

2. Permitted Species

The licensee:

- 2.1 must not farm or introduce any species at the site other than the permitted species referred to in Schedule 2; and
- 2.2 must not take any wild fish from the site except for recreational purposes.

3. Permitted Use

The licensee must not use the site for any purpose other than the permitted use.

4. Permitted Methods

4.1 The licensee must, in undertaking the permitted use, take all reasonable and practicable measures to prevent or minimise damage to the environment. Without limiting the generality of the foregoing, the licensee:

- 4.1.1 must ensure the total length of each unit does not exceed 3 km of longline or 1 km of racking per hectare, and each unit must be at least 5 m from any other unit;
- 4.1.2 must not use the anti-fouling chemical tributyltin (TBT) on any equipment used at the site;
- 4.1.3 must not use any chemical or drug for either therapeutic or prophylactic purpose except with the prior approval of the Minister;
- 4.1.4 must undertake an environmental monitoring program approved by the Minister and as specified in Clause 4.3;
- 4.1.5 must not introduce the permitted species to the site before the approval of the environmental monitoring program referred to in 4.1.4 by the Minister;
- 4.1.6 must comply with the schedule of reporting for the environmental monitoring program as prescribed in Schedule 6 and submit the final results of the environmental monitoring program to the Minister 30 days before expiry of the term of this licence.

4.2 SASQAP

- 4.2.1 It is a condition of your licence to farm bivalve molluscs that only shellfish from areas Classified under the South Australian Shellfish Quality Assurance Program (SASQAP) may be sold for human consumption.
- 4.2.2 The licensee must continue to meet all the regulations required under the Food Standards Code to produce a product safe for human consumption.

4.3 The licensee must submit a draft environmental monitoring program to the Minister for approval within 60 days of the grant of the licence by the Minister. The draft environmental monitoring program must include the qualifications and experience of the person(s) designing and undertaking the program and address the matters listed in Schedule 5.

5. Marking and Maintaining the Site

The licensee:

- 5.1 must ensure that the site is maintained in a good, tidy and safe condition to the satisfaction of the Minister;
- 5.2 must remove and lawfully dispose of any waste or debris on the site as soon as is reasonably practicable and in particular must comply with any guidelines issued from time to time by the Minister in relation to the removal from the site of any unhealthy or dead fish;
- 5.3 must maintain all buoys, crosses, and markers on the site in good condition and in accordance with the colours specified in Schedule 1 of this licence; and
- 5.4 must mark the site boundary in accordance with the requirements of the Minister for Transport.

6. Site Inspection and Supervision

The licensee:

- 6.1 must at all times permit the Minister, his employees, agents or contractors or any employees, agents or contractors of the Crown to enter the site for the purposes of inspecting the site, the sea floor and the flora and fauna on or in the vicinity of the site; and
- 6.2 must comply with all reasonable directions of any such person authorised by the Director of Fisheries to inspect the conduct of the licensee's activities at the site.

7. Fees and Returns

The licensee:

- 7.1 must pay to the Minister the licence fee in accordance with Item 1 of Schedule 3 of this licence;
- 7.2 must on or before 31 January and 31 July during the term, submit to the Minister a return supplying all of the information described in Schedule 4 of this licence.

8. Public Risk Insurance

The licensee must at its own cost during the term maintain in full force and effect in respect of the site and the permitted use a policy of public risk insurance in the joint names of the licensee and the Minister. The limits of public risk must not be less than the amount specified in Item 2 of Schedule 3 of this licence, or such other amount as the Minister may from time to time reasonably require. A policy of insurance or copy thereof or a certificate of insurance must be produced by the licensee to the Minister on written request.

9. Guarantee or Indemnity Scheme

The licensee must either:

- 9.1 provide a guarantee from its bankers to the amount specified in Item 3 of Schedule 3; or
- 9.2 contribute to an indemnity scheme established for the aquaculture and fisheries industry and approved by the Minister,

to and in favour of and for the benefit of the Minister by way of security for the due and punctual performance by the licensee of the terms and conditions of this licence and in particular the obligations of the licensee to rehabilitate the site immediately prior to the expiration or sooner determination of the term of this licence. Such guarantee or indemnity scheme must have effect from the date of commencement of the term.

10. No Assignment

The licensee must not assign or sublet or deal in any other way with any interest in this licence.

11. Variation and Cancellation

11.1 The Minister may without prior notice vary or cancel this licence immediately during the term for the purposes of preventing or minimising any damage or threat of damage to the environment. For the purpose of this condition the Minister may have regard to but is not limited by the following considerations:

- 11.1.1 the results of monitoring undertaken pursuant to Clause 4.1.5;
- 11.1.2 the results of any other monitoring as may from time to time be carried out; or
- 11.1.3 such other relevant information within the knowledge of the Minister.

11.2 Subject to and without limiting Condition 13.1, in the event of breach by the licensee of any term or condition of this licence, the Minister may:

- 11.2.1 give to the licensee written notice of such breach and the Minister's requirements for rectification thereof; or
- 11.2.2 cancel this licence for failure to comply with such requirements for rectification.

11.3 The Minister may cancel this licence if the licensee is a body corporate, and any of the following occur:

- 11.3.1 the licensee is unable to pay its debts as and when they fall due or is otherwise insolvent;
- 11.3.2 an order is made for the winding up or liquidation of the licensee;
- 11.3.3 the licensee enters into a scheme of arrangement, compromise, moratorium or other form of composition with its creditors or any class of its creditors;
- 11.3.4 a receiver, a manager or a receiver and manager, a company administrator or other insolvency administrator is appointed to the licensee; or
- 11.3.5 a mortgagee, chargee or other encumbrancee is appointed over or takes possession of or appoints an agent to take possession of all or any of the licensee's assets.
- 11.4 The Minister may cancel this licence if the licensee is an individual, and the licensee:
- 11.4.1 becomes bankrupt or assigns its estate or enters into a deed of arrangement or other form of composition for the benefit of the licensee's creditors; or
- 11.4.2 is convicted of an indictable offence.
- 11.5 Cancellation of this licence by the Minister shall be without prejudice to any rights, remedies or actions that the Minister may have against the licensee in respect of any antecedent breach by the licensee of the terms and conditions contained in this licence.

Granted by the General Manager Aquaculture, delegate for the purposes of section 53 of the Minister responsible for administration of the Fisheries Act 1982, on 10 August 2001.

I. NIGHTINGALE, General Manager Aquaculture

SCHEDULE 1

Item 1—The Site

Area applicable to this licence:

Licensed Area	Licensed Hectare
AGD 66—Zone 53	
767286E 6281169N	1
767333E 6281276N	
767407E 6281230N	
767359E 6281126N	

All *St Andrew's crosses* must be marked with the site's unique 'FM number'; that is the licence number.

Item 2—Marked-off Areas

[Co-ordinates of developed areas within the site to be provided by the licensee].

White buoys of at least 12 inches in diameter must be placed around the whole of the perimeter of the developed areas within the site at a distance of no less than 50 m from one another.

SCHEDULE 2

Item 1—Permitted Species

The Director of Fisheries has, pursuant to section 50 (2) of the Act, issued a permit for the release of the fish specified in this Schedule.

Pacific Oysters (*Crassostrea gigas*)

Item 2—Permitted Farming Methods

Longlines

The total length of each unit must not exceed 3 km of longline not less than 3 m apart, or 1 km of racking per hectare, and each unit must be at least 5 m from any other unit.

Item 3—Criteria for Development of Marine Aquaculture Sites

Development must have commenced on the site within 12 months of the licence being issued. The minimum level of development on the site must be:

0.1 ha developed with 0.3 km of BST longline or 0.1 km of racking on the site.

SCHEDULE 3

Item 1—Fees

Annual licence fees are payable as prescribed in the licence renewal.

Item 2—Insurance

Ten million dollars (\$10 000 000).

Item 3—Guarantee

Ten thousand dollars (\$10 000).

SCHEDULE 4

Production Returns

The licensee must submit production returns to the Minister on or before 30 December and 30 June during the term of this licence. The information contained in these returns will be determined by the Minister. These returns must be forwarded to the General Manager, Aquaculture SA, 14th Floor, 25 Grenfell Street, Adelaide, S.A. 5000.

SCHEDULE 5

Environmental Monitoring Program

MATTERS TO BE ADDRESSED

The monitoring program should address the following matters in relation to the permitted use:

Farm Management

1. Approximate layout of all structures on the site during the term including location, number and size.
2. Growth and condition of the permitted species.
3. Occurrence of disease incidents in the permitted species.

Water Quality

1. Phytoplankton including species composition and abundance.
2. Status of the site under the South Australian Shellfish Quality Assurance Program during the term (including closures).

Feral Oysters

Presence and numbers of feral oysters.

Benthic Sediments

Sedimentation through measuring total organic carbon and particle size analysis of sediment samples.

Benthic Fauna and Flora

Benthic macro-flora communities including composition, distribution and abundance.

METHODOLOGY

Video Transects

Video transects should be used to assess broad scale changes in sediment consistency, presence of farming waste and the composition and abundance of macro-flora communities.

Video transects must be collected using equipment capable of producing a clear and well lit image. Transects must extend across the site, including sections under the development, and extend 50 m out both sides of the site. The location of the video transects must be identified on a map attached to the environmental monitoring report. Each transect must be identified on the video with a unique transect number.

Report

The environmental monitoring report must be legible and contain a declaration regarding the authenticity and source of all data and results contained in the report. This declaration must be signed by the licence holder and the person(s) conducting the monitoring program.

The report must include an assessment of the results of the monitoring program against the provisions of the Environment Protection (Marine) Policy 1994, and must be accompanied by all raw data, video footage and diver notes.

SCHEDULE 6

Schedule of Environmental Monitoring Reports

The licensee must submit a final environmental monitoring program report within 12 months of the commencement of this licence to the Minister, c/o General Manager Aquaculture SA, 14th Floor, 25 Grenfell Street, G.P.O. Box 1625, Adelaide, S.A. 5000.

FISHERIES ACT 1982

MARINE TUNA FARMING LICENCE FB00008

Licence to Farm Fish under section 53 of the Fisheries Act 1982

THE Minister for Primary Industries and Resources ('the Minister') hereby grants to:

Australian Fishing Enterprises Pty Ltd (13227)
Billy Lights Point
Port Lincoln, S.A. 5606

a licence to occupy and use the waters and airspace over the land specified in Item 1 of Schedule 1 of this licence ('the site') for the purpose of farming and taking the permitted species ('the permitted use') for the period commencing on 1 July 2001 and ending, subject to any earlier termination under this licence, on 30 June 2002 ('the term') subject to the following terms and conditions:

CONDITIONS OF THIS LICENCE

1. *Marked-off Areas*

- 1.1 Subject to section 53A of the Fisheries Act 1982, this licence does not entitle the licensee to exclusive rights of entry to and occupation of the site. The rights granted by this licence are exercisable by the licensee in common with any other occupiers of the site from time to time.
- 1.2 For the purposes of section 53A of the Fisheries Act 1982, the marked-off areas within the site are that area or those areas marked-off or indicated in the manner set out in Item 2 of Schedule 1 of this licence.

2. *Permitted Species*

The licensee:

- 2.1 must not farm or introduce any species at the site other than the permitted species referred to in Schedule 2; and
- 2.2 must not take any wild fish from the site except for recreational purposes.

3. *Permitted Use*

The licensee must not use the site for any purpose other than the permitted use.

4. *Permitted Methods*

- 4.1 The licensee must, in undertaking the permitted use, take all reasonable and practicable measures to prevent or minimise damage to the environment. Without limiting the generality of the foregoing, the licensee:
 - 4.1.1 must not stock the permitted species at a rate greater than that specified in Schedule 2 of this licence;
 - 4.1.2 must not use the anti-fouling chemical tributyltin (TBT) on any equipment used at the site;
 - 4.1.3 must not use any chemical or drug for either therapeutic or prophylactic purpose except with the prior approval of the Minister;
 - 4.1.4 must apply the permitted farming methods set out in Schedule 2 of this licence;
 - 4.1.5 must undertake an environmental monitoring program approved by the Minister and as specified in Clause 4.2;
 - 4.1.6 must not introduce the permitted species to the site before the approval of the environmental monitoring program referred to in 4.1.5 by the Minister;

4.1.7 must comply with the schedule of reporting for the environmental monitoring program as prescribed in Schedule 6 and submit the final results of the environmental monitoring program to the Minister 30 days before expiry of the term of this licence;

4.1.8 must implement a management strategy approved by the Minister and as specified in Clause 4.3 to manage interactions with seabirds and marine mammals;

4.1.9 must not introduce the permitted species to the site before approval of the management strategy specified in 4.1.8 by the Minister.

4.2 The licensee must submit a draft environmental monitoring program to the Minister for approval within 60 days of the grant of the licence by the Minister. The draft environmental monitoring program must include the qualifications and experience of the person(s) designing and undertaking the program and address the matters listed in Schedule 5.

4.3 The licensee must submit a draft strategy for managing interactions with sea birds and marine mammals to the Minister within 60 days of the grant of the licence by the Minister. The draft strategy must identify potential interactions with and risks to sea birds and marine mammals and the measures proposed to minimise interactions with and risks to seabirds and marine mammals.

5. *Sea Cages*

The licensee must immediately inform an officer of PIRSA (Fisheries) on 1800 065 522 or such other officer as the Minister from time to time notifies to the licensee in writing if any marine animal, other than the permitted species, is caught in any sea cage or other farm structure used by the licensee on the site.

6. *Location of Sea Cages*

The licensee must not erect or use any sea cages in any location on the site where stocked sea cages have been used in the immediately preceding two year period.

7. *Marking and Maintaining the Site*

The licensee:

- 7.1 must ensure that the site is maintained in a good, tidy and safe condition to the satisfaction of the Minister;
- 7.2 must remove and lawfully dispose of any waste or debris on the site as soon as is reasonably practicable and in particular must comply with any guidelines issued from time to time by the Minister in relation to the removal from the site of any unhealthy or dead fish;
- 7.3 must maintain all buoys, crosses, and markers on the site in good condition and in accordance with the colours specified in Schedule 1 of this licence; and
- 7.4 must mark the site boundary in accordance with the requirements of the Minister for Transport.

8. *Site Inspection and Supervision*

The licensee:

- 8.1 must at all times permit the Minister, his employees, agents or contractors or any employees, agents or contractors of the Crown to enter the site for the purposes of inspecting the site, the sea floor and the flora and fauna on or in the vicinity of the site; and
- 8.2 must comply with all reasonable directions of any such person authorised by the Director of Fisheries to inspect the conduct of the licensee's activities at the site.

9. *Fees and Returns*

The licensee:

- 9.1 must pay to the Minister the licence fee in accordance with Item 1 of Schedule 3 of this licence;
- 9.2 must on or before 31 January and 31 July during the term, submit to the Minister a return supplying all of the information described in Schedule 4 of this licence.

10. Public Risk Insurance

The licensee must at its own cost during the term maintain in full force and effect in respect of the site and the permitted use a policy of public risk insurance in the joint names of the licensee and the Minister. The limits of public risk must not be less than the amount specified in Item 2 of Schedule 3 of this licence, or such other amount as the Minister may from time to time reasonably require. A policy of insurance or copy thereof or a certificate of insurance must be produced by the licensee to the Minister on written request.

11. Guarantee or Indemnity Scheme

The licensee must either:

- 11.1 provide a guarantee from its bankers to the amount specified in Item 3 of Schedule 3; or
- 11.2 contribute to an indemnity scheme established for the aquaculture and fisheries industry and approved by the Minister,

to and in favour of and for the benefit of the Minister by way of security for the due and punctual performance by the licensee of the terms and conditions of this licence and in particular the obligations of the licensee to rehabilitate the site immediately prior to the expiration or sooner determination of the term of this licence. Such guarantee or indemnity scheme must have effect from the date of commencement of the term.

12. No Assignment

The licensee must not assign or sublet or deal in any other way with any interest in this licence.

13. Variation and Cancellation

- 13.1 The Minister may without prior notice vary or cancel this licence immediately during the term for the purposes of preventing or minimising any damage or threat of damage to the environment. For the purpose of this condition the Minister may have regard to but is not limited by the following considerations:
 - 13.1.1 the results of monitoring undertaken pursuant to Clause 4.1.5;
 - 13.1.2 the results of any other monitoring as may from time to time be carried out; or
 - 13.1.3 such other relevant information within the knowledge of the Minister.
- 13.2 Subject to and without limiting Condition 13.1, in the event of breach by the licensee of any term or condition of this licence, the Minister may:
 - 13.2.1 give to the licensee written notice of such breach and the Minister's requirements for rectification thereof; or
 - 13.2.2 cancel this licence for failure to comply with such requirements for rectification.
- 13.3 The Minister may cancel this licence if the licensee is a body corporate, and any of the following occur:
 - 13.3.1 the licensee is unable to pay its debts as and when they fall due or is otherwise insolvent;
 - 13.3.2 an order is made for the winding up or liquidation of the licensee;
 - 13.3.3 the licensee enters into a scheme of arrangement, compromise, moratorium or other form of composition with its creditors or any class of its creditors;
 - 13.3.4 a receiver, a manager or a receiver and manager, a company administrator or other insolvency administrator is appointed to the licensee; or
 - 13.3.5 a mortgagee, chargee or other encumbrancee is appointed over or takes possession of or appoints an agent to take possession of all or any of the licensee's assets.

- 13.4 The Minister may cancel this licence if the licensee is an individual, and the licensee:
 - 13.4.1 becomes bankrupt or assigns its estate or enters into a deed of arrangement or other form of composition for the benefit of the licensee's creditors; or
 - 13.4.2 is convicted of an indictable offence.

- 13.5 Cancellation of this licence by the Minister shall be without prejudice to any rights, remedies or actions that the Minister may have against the licensee in respect of any antecedent breach by the licensee of the terms and conditions contained in this licence.

Granted by the General Manager Aquaculture, delegate for the purposes of section 53 of the Minister responsible for administration of the Fisheries Act 1982, on 10 August 2001.

I. NIGHTINGALE, General Manager Aquaculture

SCHEDULE 1

Item 1—The Site

Area applicable to this licence:

Licensed Area	Licensed Hectares
AGD 66—Zone 53	
588016E 6162075N	30
588676E 6161977N	
588610E 6161532N	
587950E 6161630N	

All sea cages on the site must be marked with a unique sea cage number and the site's unique 'FB number'; that is, the licence number. All St Andrew's crosses must be marked with the site's unique 'FB number'; that is the licence number.

Item 2—Marked-off Areas

Marked-off areas must be marked with no less the 8 equally spaced white buoys, each of at least 12 inches in diameter, each positioned no more than 70 m from each relevant sea cage situated on the site.

SCHEDULE 2

Item 1—Permitted Species

The Director of Fisheries has, pursuant to section 50 (2) of the Act, issued a permit for the release of the fish specified in this Schedule.

Southern Bluefin Tuna (*Thunnus maccoyii*)

Item 2—Permitted Farming Methods

Sea Cages 14

Item 3—Stocking Rates

The maximum weight of fish introduced into the site must not exceed 400 tonnes in total during the term of the licence.

The maximum stocking density of Southern Bluefin Tuna (*Thunnus maccoyii*) must not exceed 4 kg/m³.

Item 4—Criteria for Development of Marine Aquaculture Sites

Development must have commenced on the site within 12 months of the licence being issued. The minimum level of development on the site must be 2 cages of 40 m diameter each.

SCHEDULE 3

Item 1—Fees

Annual licence fees are payable as prescribed in the licence renewal.

Item 2—Insurance

Ten million dollars (\$10 000 000).

Item 3—Guarantee

Ten thousand dollars (\$10 000).

SCHEDULE 4

Production Returns

The licensee must submit production returns to the Minister on or before 30 December and 30 June during the term of this licence. The information contained in these returns will be determined by the Minister. These returns must be forwarded to the General Manager Aquaculture SA, 14th Floor, 25 Grenfell Street, Adelaide, S.A. 5000.

SCHEDULE 5

Environmental Monitoring Program

The monitoring program should address the following matters in relation to the permitted use:

Farm Management

Approximate layout of all structures on the site including location, number and size.

Stocking density of the permitted species held on the site.

Dates and numbers of the permitted species stocked and harvesting on the site.

Occurrence of disease incidents in the permitted species on the site.

Benthic Sediments

Redox potential.

Infauna communities including composition and abundance.

Benthic Fauna and Flora

Benthic macro-flora communities including composition and abundance.

Benthic macro-fauna communities including composition and abundance.

METHODOLOGY

Draft Environmental Monitoring Program

The draft environmental monitoring program needs to detail the site layout and sampling sites, including control sites.

Sediment Cores

Sediment cores should be used to assess the infauna composition and abundance of the sediments. Sediment cores should be 50 mm wide and inserted into the sediments to 150 mm. Samples need to be rinsed through a 1 000 µm mesh. Collection of the cores should be visible on the videos when possible.

Infauna samples must be preserved in Bennett's solution and stained with Thyloxin-B initially. After sorting the samples should be labelled inside and outside the containers with details of the date of collection, site location, collection method, and the collector's and identifier's name. The samples must be preserved in 70% alcohol and kept in storage for two years to allow for auditing or further analysis if required.

Video Transects

Video transects should be used to assess the broad scale changes in sediment consistency, presence of farming waste and the composition and abundance of macro-fauna and macro-flora communities.

Video transects must be collected using equipment capable of producing a clear and well lit image in Hi-8 format for computerised image analysis using a Sony Hi-8 digital camera or equivalent capable of operating at a minimum of 3 lux. The underwater housing must be fitted with a minimum of two 50 W lights. Transects must be at least 150 m long and a transect line marked at 5 m intervals must be visible at all times. The date and 'live' time should also be visible. The location and unique number of each transect must be clearly marked on a map that includes details of the site layout. The diver should gently disturb the sediment by hand at the start, middle and end of each transect to reveal the colour of the sediments below the surface.

Report

The environmental monitoring report must contain a synthesis of the data, statistical analysis and interpretation of the results. All raw data and video footage must also be presented to Aquaculture SA in electronic format and hard copy.

The environmental monitoring report must be legible and contain a declaration regarding the authenticity and source of all data and results contained in the report. This declaration must be signed by the licence holder and the person(s) conducting the monitoring program.

The report must include an assessment of the results of the monitoring program against the provisions of the Environment Protection (Marine) Policy 1994, and must be accompanied by all raw data, video footage and diver notes.

SCHEDULE 6

Schedule of Environmental Monitoring Reports

The licensee must submit an environmental monitoring program report and videos within three months of the commencement of this licence to the Minister, c/o General Manager Aquaculture SA, 14th Floor, 25 Grenfell Street, G.P.O. Box 1625, Adelaide, S.A. 5000, during the term of this licence.

FISHERIES ACT 1982

MARINE TUNA FARMING LICENCE FB00009

Licence to Farm Fish under section 53 of the Fisheries Act 1982

THE Minister for Primary Industries and Resources ('the Minister') hereby grants to:

Australian Fishing Enterprises Pty Ltd (13227)
Billy Lights Point
Port Lincoln, S.A. 5606

a licence to occupy and use the waters and airspace over the land specified in Item 1 of Schedule 1 of this licence ('the site') for the purpose of farming and taking the permitted species ('the permitted use') for the period commencing on 1 July 2001 and ending, subject to any earlier termination under this licence, on 30 June 2002 ('the term') subject to the following terms and conditions:

CONDITIONS OF THIS LICENCE

1. *Marked-off Areas*

1.1 Subject to section 53A of the Fisheries Act 1982, this licence does not entitle the licensee to exclusive rights of entry to and occupation of the site. The rights granted by this licence are exercisable by the licensee in common with any other occupiers of the site from time to time.

1.2 For the purposes of section 53A of the Fisheries Act 1982, the marked-off areas within the site are that area or those areas marked-off or indicated in the manner set out in Item 2 of Schedule 1 of this licence.

2. *Permitted Species*

The licensee:

- 2.1 must not farm or introduce any species at the site other than the permitted species referred to in Schedule 2; and
- 2.2 must not take any wild fish from the site except for recreational purposes.

3. *Permitted Use*

The licensee must not use the site for any purpose other than the permitted use.

4. *Permitted Methods*

- 4.1 The licensee must, in undertaking the permitted use, take all reasonable and practicable measures to prevent or minimise damage to the environment. Without limiting the generality of the foregoing, the licensee:
 - 4.1.1 must not stock the permitted species at a rate greater than that specified in Schedule 2 of this licence;
 - 4.1.2 must not use the anti-fouling chemical tributyltin (TBT) on any equipment used at the site;
 - 4.1.3 must not use any chemical or drug for either therapeutic or prophylactic purpose except with the prior approval of the Minister;
 - 4.1.4 must apply the permitted farming methods set out in Schedule 2 of this licence;

- 4.1.5 must undertake an environmental monitoring program approved by the Minister and as specified in Clause 4.2;
- 4.1.6 must not introduce the permitted species to the site before the approval of the environmental monitoring program referred to in 4.1.5 by the Minister;
- 4.1.7 must comply with the schedule of reporting for the environmental monitoring program as prescribed in Schedule 6 and submit the final results of the environmental monitoring program to the Minister 30 days before expiry of the term of this licence;
- 4.1.8 must implement a management strategy approved by the Minister and as specified in Clause 4.3 to manage interactions with seabirds and marine mammals;
- 4.1.9 must not introduce the permitted species to the site before approval of the management strategy specified in 4.1.8 by the Minister.

- 4.2 The licensee must submit a draft environmental monitoring program to the Minister for approval within 60 days of the grant of the licence by the Minister. The draft environmental monitoring program must include the qualifications and experience of the person(s) designing and undertaking the program and address the matters listed in Schedule 5.
- 4.3 The licensee must submit a draft strategy for managing interactions with sea birds and marine mammals to the Minister within 60 days of the grant of the licence by the Minister. The draft strategy must identify potential interactions with and risks to sea birds and marine mammals and the measures proposed to minimise interactions with and risks to seabirds and marine mammals.

5. Sea Cages

The licensee must immediately inform an officer of PIRSA (Fisheries) on 1800 065 522 or such other officer as the Minister from time to time notifies to the licensee in writing if any marine animal, other than the permitted species, is caught in any sea cage or other farm structure used by the licensee on the site.

6. Location of Sea Cages

The licensee must not erect or use any sea cages in any location on the site where stocked sea cages have been used in the immediately preceding two year period.

7. Marking and Maintaining the Site

The licensee:

- 7.1 must ensure that the site is maintained in a good, tidy and safe condition to the satisfaction of the Minister;
- 7.2 must remove and lawfully dispose of any waste or debris on the site as soon as is reasonably practicable and in particular must comply with any guidelines issued from time to time by the Minister in relation to the removal from the site of any unhealthy or dead fish;
- 7.3 must maintain all buoys, crosses, and markers on the site in good condition and in accordance with the colours specified in Schedule 1 of this licence; and
- 7.4 must mark the site boundary in accordance with the requirements of the Minister for Transport.

8. Site Inspection and Supervision

The licensee:

- 8.1 must at all times permit the Minister, his employees, agents or contractors or any employees, agents or contractors of the Crown to enter the site for the purposes of inspecting the site, the sea floor and the flora and fauna on or in the vicinity of the site; and
- 8.2 must comply with all reasonable directions of any such person authorised by the Director of Fisheries to inspect the conduct of the licensee's activities at the site.

9. Fees and Returns

The licensee:

- 9.1 must pay to the Minister the licence fee in accordance with Item 1 of Schedule 3 of this licence;
- 9.2 must on or before 31 January and 31 July during the term, submit to the Minister a return supplying all of the information described in Schedule 4 of this licence.

10. Public Risk Insurance

The licensee must at its own cost during the term maintain in full force and effect in respect of the site and the permitted use a policy of public risk insurance in the joint names of the licensee and the Minister. The limits of public risk must not be less than the amount specified in Item 2 of Schedule 3 of this licence, or such other amount as the Minister may from time to time reasonably require. A policy of insurance or copy thereof or a certificate of insurance must be produced by the licensee to the Minister on written request.

11. Guarantee or Indemnity Scheme

The licensee must either:

- 11.1 provide a guarantee from its bankers to the amount specified in Item 3 of Schedule 3; or
- 11.2 contribute to an indemnity scheme established for the aquaculture and fisheries industry and approved by the Minister,

to and in favour of and for the benefit of the Minister by way of security for the due and punctual performance by the licensee of the terms and conditions of this licence and in particular the obligations of the licensee to rehabilitate the site immediately prior to the expiration or sooner determination of the term of this licence. Such guarantee or indemnity scheme must have effect from the date of commencement of the term.

12. No Assignment

The licensee must not assign or sublet or deal in any other way with any interest in this licence.

13. Variation and Cancellation

- 13.1 The Minister may without prior notice vary or cancel this licence immediately during the term for the purposes of preventing or minimising any damage or threat of damage to the environment. For the purpose of this condition the Minister may have regard to but is not limited by the following considerations:
- 13.1.1 the results of monitoring undertaken pursuant to Clause 4.1.5;
- 13.1.2 the results of any other monitoring as may from time to time be carried out; or
- 13.1.3 such other relevant information within the knowledge of the Minister.
- 13.2 Subject to and without limiting Condition 13.1, in the event of breach by the licensee of any term or condition of this licence, the Minister may:
- 13.2.1 give to the licensee written notice of such breach and the Minister's requirements for rectification thereof; or
- 13.2.2 cancel this licence for failure to comply with such requirements for rectification.
- 13.3 The Minister may cancel this licence if the licensee is a body corporate, and any of the following occur:
- 13.3.1 the licensee is unable to pay its debts as and when they fall due or is otherwise insolvent;
- 13.3.2 an order is made for the winding up or liquidation of the licensee;
- 13.3.3 the licensee enters into a scheme of arrangement, compromise, moratorium or other form of composition with its creditors or any class of its creditors;

- 13.3.4 a receiver, a manager or a receiver and manager, a company administrator or other insolvency administrator is appointed to the licensee; or
- 13.3.5 a mortgagee, chargee or other encumbrancee is appointed over or takes possession of or appoints an agent to take possession of all or any of the licensee's assets.
- 13.4 The Minister may cancel this licence if the licensee is an individual, and the licensee:
- 13.4.1 becomes bankrupt or assigns its estate or enters into a deed of arrangement or other form of composition for the benefit of the licensee's creditors; or
- 13.4.2 is convicted of an indictable offence.
- 13.5 Cancellation of this licence by the Minister shall be without prejudice to any rights, remedies or actions that the Minister may have against the licensee in respect of any antecedent breach by the licensee of the terms and conditions contained in this licence.

Granted by the General Manager Aquaculture, delegate for the purposes of section 53 of the Minister responsible for administration of the Fisheries Act 1982, on 10 August 2001.

I. NIGHTINGALE, General Manager Aquaculture

SCHEDULE 1

Item 1—The Site

Area applicable to this licence:

Licensed Area	Licensed Hectares
AGD 66—Zone 53	
586561E 6160681N	30
587137E 6161016N	
587363E 6160627N	
586786E 6160292N	

All sea cages on the site must be marked with a unique sea cage number and the site's unique 'FB number'; that is, the licence number. All St Andrew's crosses must be marked with the site's unique 'FB number'; that is the licence number.

Item 2—Marked-off Areas

Marked-off areas must be marked with no less the 8 equally spaced white buoys, each of at least 12 inches in diameter, each positioned no more than 70 m from each relevant sea cage situated on the site.

SCHEDULE 2

Item 1—Permitted Species

The Director of Fisheries has, pursuant to section 50 (2) of the Act, issued a permit for the release of the fish specified in this Schedule.

Southern Bluefin Tuna (*Thunnus maccoyii*)

Item 2—Permitted Farming Methods

Sea Cages 14

Item 3—Stocking Rates

The maximum weight of fish introduced into the site must not exceed 400 tonnes in total during the term of the licence.

The maximum stocking density of Southern Bluefin Tuna (*Thunnus maccoyii*) must not exceed 4 kg/m³.

Item 4—Criteria for Development of Marine Aquaculture Sites

Development must have commenced on the site within 12 months of the licence being issued. The minimum level of development on the site must be 2 cages of 40 m diameter each.

SCHEDULE 3

Item 1—Fees

Annual licence fees are payable as prescribed in the licence renewal.

Item 2—Insurance

Ten million dollars (\$10 000 000).

Item 3—Guarantee

Ten thousand dollars (\$10 000).

SCHEDULE 4

Production Returns

The licensee must submit production returns to the Minister on or before 30 December and 30 June during the term of this licence. The information contained in these returns will be determined by the Minister. These returns must be forwarded to the General Manager Aquaculture SA, 14th Floor, 25 Grenfell Street, Adelaide, S.A. 5000.

SCHEDULE 5

Environmental Monitoring Program

The monitoring program should address the following matters in relation to the permitted use:

Farm Management

Approximate layout of all structures on the site including location, number and size.

Stocking density of the permitted species held on the site.

Dates and numbers of the permitted species stocked and harvesting on the site.

Occurrence of disease incidents in the permitted species on the site.

Benthic Sediments

Redox potential.

Infauna communities including composition and abundance.

Benthic Fauna and Flora

Benthic macro-flora communities including composition and abundance.

Benthic macro-fauna communities including composition and abundance.

METHODOLOGY

Draft Environmental Monitoring Program

The draft environmental monitoring program needs to detail the site layout and sampling sites, including control sites.

Sediment Cores

Sediment cores should be used to assess the infauna composition and abundance of the sediments. Sediment cores should be 50 mm wide and inserted into the sediments to 150 mm. Samples need to be rinsed through a 1 000 µm mesh. Collection of the cores should be visible on the videos when possible.

Infauna samples must be preserved in Bennett's solution and stained with Thyloxin-B initially. After sorting the samples should be labelled inside and outside the containers with details of the date of collection, site location, collection method, and the collector's and identifier's name. The samples must be preserved in 70% alcohol and kept in storage for two years to allow for auditing or further analysis if required.

Video Transects

Video transects should be used to assess the broad scale changes in sediment consistency, presence of farming waste and the composition and abundance of macro-fauna and macro-flora communities.

Video transects must be collected using equipment capable of producing a clear and well lit image in Hi-8 format for computerised image analysis using a Sony Hi-8 digital camera or equivalent capable of operating at a minimum of 3 lux. The underwater housing must be fitted with a minimum of two 50W lights. Transects must be at least 150 m long and a transect line marked at 5 m intervals must be visible at all times. The date and 'live' time should also be visible. The location and unique number of each transect must be clearly marked on a map that includes details of the site layout. The diver should gently disturb the sediment by hand at the start, middle and end of each transect to reveal the colour of the sediments below the surface.

Report

The environmental monitoring report must contain a synthesis of the data, statistical analysis and interpretation of the results. All raw data and video footage must also be presented to Aquaculture SA in electronic format and hard copy.

The environmental monitoring report must be legible and contain a declaration regarding the authenticity and source of all data and results contained in the report. This declaration must be signed by the licence holder and the person(s) conducting the monitoring program.

The report must include an assessment of the results of the monitoring program against the provisions of the Environment Protection (Marine) Policy 1994, and must be accompanied by all raw data, video footage and diver notes.

SCHEDULE 6

Schedule of Environmental Monitoring Reports

The licensee must submit an environmental monitoring program report and videos within three months of the commencement of this licence to the Minister, c/o General Manager Aquaculture SA, 14th Floor, 25 Grenfell Street, G.P.O. Box 1625, Adelaide, S.A. 5000, during the term of this licence.

FISHERIES ACT 1982

MARINE TUNA FARMING LICENCE FB00026

Licence to Farm Fish under section 53 of the Fisheries Act 1982

THE Minister for Primary Industries and Resources ('the Minister') hereby grants to:

Australian Fishing Enterprises Pty Ltd (13227)
Billy Lights Point
Port Lincoln, S.A. 5606

a licence to occupy and use the waters and airspace over the land specified in Item 1 of Schedule 1 of this licence ('the site') for the purpose of farming and taking the permitted species ('the permitted use') for the period commencing on 1 July 2001 and ending, subject to any earlier termination under this licence, on 30 June 2002 ('the term') subject to the following terms and conditions:

CONDITIONS OF THIS LICENCE

1. *Marked-off Areas*

1.1 Subject to section 53A of the Fisheries Act 1982, this licence does not entitle the licensee to exclusive rights of entry to and occupation of the site. The rights granted by this licence are exercisable by the licensee in common with any other occupiers of the site from time to time.

1.2 For the purposes of section 53A of the Fisheries Act 1982, the marked-off areas within the site are that area or those areas marked-off or indicated in the manner set out in Item 2 of Schedule 1 of this licence.

2. *Permitted Species*

The licensee:

- 2.1 must not farm or introduce any species at the site other than the permitted species referred to in Schedule 2; and
- 2.2 must not take any wild fish from the site except for recreational purposes.

3. *Permitted Use*

The licensee must not use the site for any purpose other than the permitted use.

4. *Permitted Methods*

4.1 The licensee must, in undertaking the permitted use, take all reasonable and practicable measures to prevent or minimise damage to the environment. Without limiting the generality of the foregoing, the licensee:

- 4.1.1 must not stock the permitted species at a rate greater than that specified in Schedule 2 of this licence;
- 4.1.2 must not use the anti-fouling chemical tributyltin (TBT) on any equipment used at the site;

4.1.3 must not use any chemical or drug for either therapeutic or prophylactic purpose except with the prior approval of the Minister;

4.1.4 must apply the permitted farming methods set out in Schedule 2 of this licence;

4.1.5 must undertake an environmental monitoring program approved by the Minister and as specified in Clause 4.2;

4.1.6 must not introduce the permitted species to the site before the approval of the environmental monitoring program referred to in 4.1.5 by the Minister;

4.1.7 must comply with the schedule of reporting for the environmental monitoring program as prescribed in Schedule 6 and submit the final results of the environmental monitoring program to the Minister 30 days before expiry of the term of this licence;

4.1.8 must implement a management strategy approved by the Minister and as specified in Clause 4.3 to manage interactions with seabirds and marine mammals;

4.1.9 must not introduce the permitted species to the site before approval of the management strategy specified in 4.1.8 by the Minister.

4.2 The licensee must submit a draft environmental monitoring program to the Minister for approval within 60 days of the grant of the licence by the Minister. The draft environmental monitoring program must include the qualifications and experience of the person(s) designing and undertaking the program and address the matters listed in Schedule 5.

4.3 The licensee must submit a draft strategy for managing interactions with sea birds and marine mammals to the Minister within 60 days of the grant of the licence by the Minister. The draft strategy must identify potential interactions with and risks to sea birds and marine mammals and the measures proposed to minimise interactions with and risks to seabirds and marine mammals.

5. *Sea Cages*

The licensee must immediately inform an officer of PIRSA (Fisheries) on 1800 065 522 or such other officer as the Minister from time to time notifies to the licensee in writing if any marine animal, other than the permitted species, is caught in any sea cage or other farm structure used by the licensee on the site.

6. *Location of Sea Cages*

The licensee must not erect or use any sea cages in any location on the site where stocked sea cages have been used in the immediately preceding two year period.

7. *Marking and Maintaining the Site*

The licensee:

- 7.1 must ensure that the site is maintained in a good, tidy and safe condition to the satisfaction of the Minister;
- 7.2 must remove and lawfully dispose of any waste or debris on the site as soon as is reasonably practicable and in particular must comply with any guidelines issued from time to time by the Minister in relation to the removal from the site of any unhealthy or dead fish;
- 7.3 must maintain all buoys, crosses, and markers on the site in good condition and in accordance with the colours specified in Schedule 1 of this licence; and
- 7.4 must mark the site boundary in accordance with the requirements of the Minister for Transport.

8. *Site Inspection and Supervision*

The licensee:

- 8.1 must at all times permit the Minister, his employees, agents or contractors or any employees, agents or contractors of the Crown to enter the site for the purposes of inspecting the site, the sea floor and the flora and fauna on or in the vicinity of the site; and

8.2 must comply with all reasonable directions of any such person authorised by the Director of Fisheries to inspect the conduct of the licensee's activities at the site.

9. Fees and Returns

The licensee:

9.1 must pay to the Minister the licence fee in accordance with Item 1 of Schedule 3 of this licence;

9.2 must on or before 31 January and 31 July during the term, submit to the Minister a return supplying all of the information described in Schedule 4 of this licence.

10. Public Risk Insurance

The licensee must at its own cost during the term maintain in full force and effect in respect of the site and the permitted use a policy of public risk insurance in the joint names of the licensee and the Minister. The limits of public risk must not be less than the amount specified in Item 2 of Schedule 3 of this licence, or such other amount as the Minister may from time to time reasonably require. A policy of insurance or copy thereof or a certificate of insurance must be produced by the licensee to the Minister on written request.

11. Guarantee or Indemnity Scheme

The licensee must either:

11.1 provide a guarantee from its bankers to the amount specified in Item 3 of Schedule 3; or

11.2 contribute to an indemnity scheme established for the aquaculture and fisheries industry and approved by the Minister,

to and in favour of and for the benefit of the Minister by way of security for the due and punctual performance by the licensee of the terms and conditions of this licence and in particular the obligations of the licensee to rehabilitate the site immediately prior to the expiration or sooner determination of the term of this licence. Such guarantee or indemnity scheme must have effect from the date of commencement of the term.

12. No Assignment

The licensee must not assign or sublet or deal in any other way with any interest in this licence.

13. Variation and Cancellation

13.1 The Minister may without prior notice vary or cancel this licence immediately during the term for the purposes of preventing or minimising any damage or threat of damage to the environment. For the purpose of this condition the Minister may have regard to but is not limited by the following considerations:

13.1.1 the results of monitoring undertaken pursuant to Clause 4.1.5;

13.1.2 the results of any other monitoring as may from time to time be carried out; or

13.1.3 such other relevant information within the knowledge of the Minister.

13.2 Subject to and without limiting Condition 13.1, in the event of breach by the licensee of any term or condition of this licence, the Minister may:

13.2.1 give to the licensee written notice of such breach and the Minister's requirements for rectification thereof; or

13.2.2 cancel this licence for failure to comply with such requirements for rectification.

13.3 The Minister may cancel this licence if the licensee is a body corporate, and any of the following occur:

13.3.1 the licensee is unable to pay its debts as and when they fall due or is otherwise insolvent;

13.3.2 an order is made for the winding up or liquidation of the licensee;

13.3.3 the licensee enters into a scheme of arrangement, compromise, moratorium or other form of composition with its creditors or any class of its creditors;

13.3.4 a receiver, a manager or a receiver and manager, a company administrator or other insolvency administrator is appointed to the licensee; or

13.3.5 a mortgagee, chargee or other encumbrancee is appointed over or takes possession of or appoints an agent to take possession of all or any of the licensee's assets.

13.4 The Minister may cancel this licence if the licensee is an individual, and the licensee:

13.4.1 becomes bankrupt or assigns its estate or enters into a deed of arrangement or other form of composition for the benefit of the licensee's creditors; or

13.4.2 is convicted of an indictable offence.

13.5 Cancellation of this licence by the Minister shall be without prejudice to any rights, remedies or actions that the Minister may have against the licensee in respect of any antecedent breach by the licensee of the terms and conditions contained in this licence.

Granted by the General Manager Aquaculture, delegate for the purposes of section 53 of the Minister responsible for administration of the Fisheries Act 1982, on 10 August 2001.

I. NIGHTINGALE, General Manager Aquaculture

SCHEDULE 1

Item 1—The Site

Area applicable to this licence:

Licensed Area	Licensed Hectares
AGD 66—Zone 53	
590238E 6162678N	30
590898E 6162580N	
590832E 6162135N	
590172E 6162233N	

All sea cages on the site must be marked with a unique sea cage number and the site's unique 'FB number'; that is, the licence number. All St Andrew's crosses must be marked with the site's unique 'FB number'; that is the licence number.

Item 2—Marked-off Areas

Marked-off areas must be marked with no less the 8 equally spaced white buoys, each of at least 12 inches in diameter, each positioned no more than 70 m from each relevant sea cage situated on the site.

SCHEDULE 2

Item 1—Permitted Species

The Director of Fisheries has, pursuant to section 50 (2) of the Act, issued a permit for the release of the fish specified in this Schedule.

Southern Bluefin Tuna (*Thunnus maccoyii*)

Item 2—Permitted Farming Methods

Sea Cages 14

Item 3—Stocking Rates

The maximum weight of fish introduced into the site must not exceed 400 tonnes in total during the term of the licence.

The maximum stocking density of Southern Bluefin Tuna (*Thunnus maccoyii*) must not exceed 4 kg/m³.

Item 4—Criteria for Development of Marine Aquaculture Sites

Development must have commenced on the site within 12 months of the licence being issued. The minimum level of development on the site must be 2 cages of 40 m diameter each.

SCHEDULE 3

Item 1—Fees

Annual licence fees are payable as prescribed in the licence renewal.

Item 2—Insurance

Ten million dollars (\$10 000 000).

Item 3—Guarantee

Ten thousand dollars (\$10 000).

SCHEDULE 4

Production Returns

The licensee must submit production returns to the Minister on or before 30 December and 30 June during the term of this licence. The information contained in these returns will be determined by the Minister. These returns must be forwarded to the General Manager Aquaculture SA, 14th Floor, 25 Grenfell Street, Adelaide, S.A. 5000.

SCHEDULE 5

Environmental Monitoring Program

The monitoring program should address the following matters in relation to the permitted use:

Farm Management

Approximate layout of all structures on the site including location, number and size.

Stocking density of the permitted species held on the site.

Dates and numbers of the permitted species stocked and harvesting on the site.

Occurrence of disease incidents in the permitted species on the site.

Benthic Sediments

Redox potential.

Infauna communities including composition and abundance.

Benthic Fauna and Flora

Benthic macro-flora communities including composition and abundance.

Benthic macro-fauna communities including composition and abundance.

METHODOLOGY

Draft Environmental Monitoring Program

The draft environmental monitoring program needs to detail the site layout and sampling sites, including control sites.

Sediment Cores

Sediment cores should be used to assess the infauna composition and abundance of the sediments. Sediment cores should be 50 mm wide and inserted into the sediments to 150 mm. Samples need to be rinsed through a 1 000 µm mesh. Collection of the cores should be visible on the videos when possible.

Infauna samples must be preserved in Bennett's solution and stained with Thyloxin-B initially. After sorting the samples should be labelled inside and outside the containers with details of the date of collection, site location, collection method, and the collector's and identifier's name. The samples must be preserved in 70% alcohol and kept in storage for two years to allow for auditing or further analysis if required.

Video Transects

Video transects should be used to assess the broad scale changes in sediment consistency, presence of farming waste and the composition and abundance of macro-fauna and macro-flora communities.

Video transects must be collected using equipment capable of producing a clear and well lit image in Hi-8 format for computerised image analysis using a Sony Hi-8 digital camera or equivalent capable of operating at a minimum of 3 lux. The underwater housing must be fitted with a minimum of two 50W lights. Transects must be at least 150 m long and a transect line marked at 5 m intervals must be visible at all times. The date and 'live' time should also be visible. The location and unique number of each transect must be clearly marked on a map that includes details of the site layout. The diver should gently disturb the sediment by hand at the start, middle and end of each transect to reveal the colour of the sediments below the surface.

Report

The environmental monitoring report must contain a synthesis of the data, statistical analysis and interpretation of the results. All raw data and video footage must also be presented to Aquaculture SA in electronic format and hard copy.

The environmental monitoring report must be legible and contain a declaration regarding the authenticity and source of all data and results contained in the report. This declaration must be signed by the licence holder and the person(s) conducting the monitoring program.

The report must include an assessment of the results of the monitoring program against the provisions of the Environment Protection (Marine) Policy 1994, and must be accompanied by all raw data, video footage and diver notes.

SCHEDULE 6

Schedule of Environmental Monitoring Reports

The licensee must submit an environmental monitoring program report and videos within three months of the commencement of this licence to the Minister, c/o General Manager Aquaculture SA, 14th Floor, 25 Grenfell Street, G.P.O. Box 1625, Adelaide, S.A. 5000, during the term of this licence.

FISHERIES ACT 1982

MARINE FINFISH FARMING LICENCE FF00019
(PREVIOUS LICENCE NO. F1533)

Licence to Farm Fish under section 53 of the Fisheries Act 1982

THE Minister for Primary Industries and Resources ('the Minister') hereby grants to:

Eyre Aquaculture Pty Ltd (12790)
5 French Street
Broadview, S.A. 5083

a licence to occupy and use the waters and airspace over the land specified in Item 1 of Schedule 1 of this licence ('the site') for the purpose of farming and taking the permitted species ('the permitted use') for the period commencing on 1 July 2001 and ending, subject to any earlier termination under this licence, on 30 June 2002 ('the term') subject to the following terms and conditions:

CONDITIONS OF THIS LICENCE

1. *Marked-off Areas*

- 1.1 Subject to section 53A of the Fisheries Act 1982, this licence does not entitle the licensee to exclusive rights of entry to and occupation of the site. The rights granted by this licence are exercisable by the licensee in common with any other occupiers of the site from time to time.
- 1.2 For the purposes of section 53A of the Fisheries Act 1982, the marked-off areas within the site are that area or those areas marked-off or indicated in the manner set out in Item 2 of Schedule 1 of this licence.

2. *Permitted Species*

The licensee:

- 2.1 must not farm or introduce any species at the site other than the permitted species referred to in Schedule 2; and
- 2.2 must not take any wild fish from the site except for recreational purposes.

3. *Permitted Use*

The licensee must not use the site for any purpose other than the permitted use.

4. *Permitted Methods*

- 4.1 The licensee must, in undertaking the permitted use, take all reasonable and practicable measures to prevent or minimise damage to the environment. Without limiting the generality of the foregoing, the licensee:

- 4.1.1 must not stock the permitted species at a rate greater than that specified in Schedule 2 of this licence;
- 4.1.2 must not use the anti-fouling chemical tributyltin (TBT) on any equipment used at the site;
- 4.1.3 must not use any chemical or drug for either therapeutic or prophylactic purpose except with the prior approval of the Minister;
- 4.1.4 must apply the permitted farming methods set out in Schedule 2 of this licence;
- 4.1.5 must undertake an environmental monitoring program approved by the Minister and as specified in Clause 4.2;
- 4.1.6 must not introduce the permitted species to the site before the approval of the environmental monitoring program referred to in 4.1.5 by the Minister;
- 4.1.7 must comply with the schedule of reporting for the environmental monitoring program as prescribed in Schedule 6 and submit the final results of the environmental monitoring program to the Minister 30 days before expiry of the term of this licence;
- 4.1.8 must implement a management strategy approved by the Minister and as specified in Clause 4.3 to manage interactions with seabirds and marine mammals;
- 4.1.9 must not introduce the permitted species to the site before approval of the management strategy specified in 4.1.8 by the Minister.

- 4.2 The licensee must submit a draft environmental monitoring program to the Minister for approval within 60 days of the grant of the licence by the Minister. The draft environmental monitoring program must include the qualifications and experience of the person(s) designing and undertaking the program and address the matters listed in Schedule 5.
- 4.3 The licensee must submit a draft strategy for managing interactions with sea birds and marine mammals to the Minister within 60 days of the grant of the licence by the Minister. The draft strategy must identify potential interactions with and risks to sea birds and marine mammals and the measures proposed to minimise interactions with and risks to seabirds and marine mammals.

5. *Sea Cages*

The licensee must immediately inform an officer of PIRSA (Fisheries) on 1800 065 522 or such other officer as the Minister from time to time notifies to the licensee in writing if any marine animal, other than the permitted species, is caught in any sea cage or other farm structure used by the licensee on the site.

6. *Location of Sea Cages*

The licensee must not erect or use any sea cages in any location on the site where stocked sea cages have been used in the immediately preceding two year period.

7. *Marking and Maintaining the Site*

The licensee:

- 7.1 must ensure that the site is maintained in a good, tidy and safe condition to the satisfaction of the Minister;
- 7.2 must remove and lawfully dispose of any waste or debris on the site as soon as is reasonably practicable and in particular must comply with any guidelines issued from time to time by the Minister in relation to the removal from the site of any unhealthy or dead fish;
- 7.3 must maintain all buoys, crosses, and markers on the site in good condition and in accordance with the colours specified in Schedule 1 of this licence; and
- 7.4 must mark the site boundary in accordance with the requirements of the Minister for Transport.

8. *Site Inspection and Supervision*

The licensee:

- 8.1 must at all times permit the Minister, his employees, agents or contractors or any employees, agents or contractors of the Crown to enter the site for the purposes of inspecting the site, the sea floor and the flora and fauna on or in the vicinity of the site; and
- 8.2 must comply with all reasonable directions of any such person authorised by the Director of Fisheries to inspect the conduct of the licensee's activities at the site.

9. *Fees and Returns*

The licensee:

- 9.1 must pay to the Minister the licence fee in accordance with Item 1 of Schedule 3 of this licence;
- 9.2 must on or before 31 January and 31 July during the term, submit to the Minister a return supplying all of the information described in Schedule 4 of this licence.

10. *Public Risk Insurance*

The licensee must at its own cost during the term maintain in full force and effect in respect of the site and the permitted use a policy of public risk insurance in the joint names of the licensee and the Minister. The limits of public risk must not be less than the amount specified in Item 2 of Schedule 3 of this licence, or such other amount as the Minister may from time to time reasonably require. A policy of insurance or copy thereof or a certificate of insurance must be produced by the licensee to the Minister on written request.

11. *Guarantee or Indemnity Scheme*

The licensee must either:

- 11.1 provide a guarantee from its bankers to the amount specified in Item 3 of Schedule 3; or
- 11.2 contribute to an indemnity scheme established for the aquaculture and fisheries industry and approved by the Minister,

to and in favour of and for the benefit of the Minister by way of security for the due and punctual performance by the licensee of the terms and conditions of this licence and in particular the obligations of the licensee to rehabilitate the site immediately prior to the expiration or sooner determination of the term of this licence. Such guarantee or indemnity scheme must have effect from the date of commencement of the term.

12. *No Assignment*

The licensee must not assign or sublet or deal in any other way with any interest in this licence.

13. *Variation and Cancellation*

- 13.1 The Minister may without prior notice vary or cancel this licence immediately during the term for the purposes of preventing or minimising any damage or threat of damage to the environment. For the purpose of this condition the Minister may have regard to but is not limited by the following considerations:
 - 13.1.1 the results of monitoring undertaken pursuant to Clause 4.1.5;
 - 13.1.2 the results of any other monitoring as may from time to time be carried out; or
 - 13.1.3 such other relevant information within the knowledge of the Minister.
- 13.2 Subject to and without limiting Condition 13.1, in the event of breach by the licensee of any term or condition of this licence, the Minister may:
 - 13.2.1 give to the licensee written notice of such breach and the Minister's requirements for rectification thereof; or
 - 13.2.2 cancel this licence for failure to comply with such requirements for rectification.

- 13.3 The Minister may cancel this licence if the licensee is a body corporate, and any of the following occur:
- 13.3.1 the licensee is unable to pay its debts as and when they fall due or is otherwise insolvent;
- 13.3.2 an order is made for the winding up or liquidation of the licensee;
- 13.3.3 the licensee enters into a scheme of arrangement, compromise, moratorium or other form of composition with its creditors or any class of its creditors;
- 13.3.4 a receiver, a manager or a receiver and manager, a company administrator or other insolvency administrator is appointed to the licensee; or
- 13.3.5 a mortgagee, chargee or other encumbrancee is appointed over or takes possession of or appoints an agent to take possession of all or any of the licensee's assets.
- 13.4 The Minister may cancel this licence if the licensee is an individual, and the licensee:
- 13.4.1 becomes bankrupt or assigns its estate or enters into a deed of arrangement or other form of composition for the benefit of the licensee's creditors; or
- 13.4.2 is convicted of an indictable offence.
- 13.5 Cancellation of this licence by the Minister shall be without prejudice to any rights, remedies or actions that the Minister may have against the licensee in respect of any antecedent breach by the licensee of the terms and conditions contained in this licence.

Granted by the General Manager Aquaculture, delegate for the purposes of section 53 of the Minister responsible for administration of the Fisheries Act 1982, on 10 August 2001.

I. NIGHTINGALE, General Manager Aquaculture

SCHEDULE 1

Item 1—The Site

Area applicable to this licence:

Licensed Area	Licensed Hectares
AGD 66—Zone 53	
679455E 6269470N	5
679558E 6269243N	
679397E 6269132N	
679304E 6269356N	

All sea cages on the site must be marked with a unique sea cage number and the site's unique 'FF number'; that is, the licence number. All St Andrew's crosses must be marked with the site's unique 'FF number'; that is the licence number.

Item 2—Marked-off Areas

Marked-off areas must be marked with no less than 8 equally spaced white buoys, each of at least 12 inches in diameter, each positioned no more than 70 m from each relevant sea cage situated on the site.

SCHEDULE 2

Item 1—Permitted Species

The Director of Fisheries has, pursuant to section 50 (2) of the Act, issued a permit for the release of the fish specified in this Schedule.

King George Whiting (*Sillaginodes punctata*)
 Snapper (*Pagrus auratus*)
 Australian Herring (Tommy Ruff) (*Arripis georgianus*)
 Yellowtail King Fish (*Seriola lalandi*)

Item 2—Permitted Farming Methods

There must be a minimum clearance of at least 3 m between the bottom of each sea cage and the sea bed.

Sea Cages 5

Item 3—Stocking Rates

The maximum standing stock on the site must not exceed 25 tonnes.

Item 4—Criteria for Development of Marine Aquaculture Sites

Development must have commenced on the site within 12 months of the licence being issued. The minimum level of development on the site must be 1 cage of 20 m diameter.

SCHEDULE 3

Item 1—Fees

Annual licence fees are payable as prescribed in the licence renewal.

Item 2—Insurance

Ten million dollars (\$10 000 000).

Item 3—Guarantee

Ten thousand dollars (\$10 000).

SCHEDULE 4

Production Returns

The licensee must submit production returns to the Minister on or before 30 December and 30 June during the term of this licence. The information contained in these returns will be determined by the Minister. These returns must be forwarded to the General Manager Aquaculture SA, 14th Floor, 25 Grenfell Street, Adelaide, S.A. 5000.

SCHEDULE 5

Environmental Monitoring Program

The monitoring program should address the following matters in relation to the permitted use:

Farm Management

Approximate layout of all structures on the site including location, number and size.

Stocking density of the permitted species held on the site.

Dates and numbers of the permitted species stocked and harvesting on the site.

Occurrence of disease incidents in the permitted species on the site.

Benthic Sediments

Redox potential.

Infauna communities including composition and abundance.

Benthic Fauna and Flora

Benthic macro-flora communities including composition and abundance.

Benthic macro-fauna communities including composition and abundance.

METHODOLOGY

Draft Environmental Monitoring Program

The draft environmental monitoring program needs to detail the site layout and sampling sites, including control sites.

Sediment Cores

Sediment cores should be used to assess the infauna composition and abundance of the sediments. Sediment cores should be 50 mm wide and inserted into the sediments to 150 mm. Samples need to be rinsed through a 1 000 µm mesh. Collection of the cores should be visible on the videos when possible.

Infauna samples must be preserved in Bennett's solution and stained with Thyloxin-B initially. After sorting the samples should be labelled inside and outside the containers with details of the date of collection, site location, collection method, and the collector's and identifier's name. The samples must be preserved in 70% alcohol and kept in storage for two years to allow for auditing or further analysis if required.

Video Transects

Video transects should be used to assess the broad scale changes in sediment consistency, presence of farming waste and the composition and abundance of macro-fauna and macro-flora communities.

Video transects must be collected using equipment capable of producing a clear and well lit image in Hi-8 format for computerised image analysis using a Sony Hi-8 digital camera or equivalent capable of operating at a minimum of 3 lux. The

underwater housing must be fitted with a minimum of two 50W lights. Transects must be at least 150 m long and a transect line marked at 5 m intervals must be visible at all times. The date and 'live' time should also be visible. The location and unique number of each transect must be clearly marked on a map that includes details of the site layout. The diver should gently disturb the sediment by hand at the start, middle and end of each transect to reveal the colour of the sediments below the surface.

Report

The environmental monitoring report must contain a synthesis of the data, statistical analysis and interpretation of the results. All raw data and video footage must also be presented to Aquaculture SA in electronic format and hard copy.

The environmental monitoring report must be legible and contain a declaration regarding the authenticity and source of all data and results contained in the report. This declaration must be signed by the licence holder and the person(s) conducting the monitoring program.

The report must include an assessment of the results of the monitoring program against the provisions of the Environment Protection (Marine) Policy 1994, and must be accompanied by all raw data, video footage and diver notes.

SCHEDULE 6

Schedule of Environmental Monitoring Reports

The licensee must submit an environmental monitoring program report within six months of the commencement of this licence and a final environmental monitoring program report within 12 months of the commencement of this licence to the Minister, c/o General Manager Aquaculture SA, 14th Floor, 25 Grenfell Street, G.P.O. Box 1625, Adelaide, S.A. 5000, during the term of this licence.

FISHERIES ACT 1982

MARINE FINFISH FARMING LICENCE FF00030

Licence to Farm Fish under section 53 of the Fisheries Act 1982

THE Minister for Primary Industries and Resources ('the Minister') hereby grants to:

Craig N. Edwards (1186)
1 Blessing Street
Whyalla Playford, S.A. 5600

a licence to occupy and use the waters and airspace over the land specified in Item 1 of Schedule 1 of this licence ('the site') for the purpose of farming and taking the permitted species ('the permitted use') for the period commencing on 1 July 2001 and ending, subject to any earlier termination under this licence, on 30 June 2002 ('the term') subject to the following terms and conditions:

CONDITIONS OF THIS LICENCE

1. *Marked-off Areas*

- 1.1 Subject to section 53A of the Fisheries Act 1982, this licence does not entitle the licensee to exclusive rights of entry to and occupation of the site. The rights granted by this licence are exercisable by the licensee in common with any other occupiers of the site from time to time.
- 1.2 For the purposes of section 53A of the Fisheries Act 1982, the marked-off areas within the site are that area or those areas marked-off or indicated in the manner set out in Item 2 of Schedule 1 of this licence.

2. *Permitted Species*

The licensee:

- 2.1 must not farm or introduce any species at the site other than the permitted species referred to in Schedule 2; and
- 2.2 must not take any wild fish from the site except for recreational purposes.

3. *Permitted Use*

The licensee must not use the site for any purpose other than the permitted use.

4. *Permitted Methods*

- 4.1 The licensee must, in undertaking the permitted use, take all reasonable and practicable measures to prevent or minimise damage to the environment. Without limiting the generality of the foregoing, the licensee:
 - 4.1.1 must not stock the permitted species at a rate greater than that specified in Schedule 2 of this licence;
 - 4.1.2 must not use the anti-fouling chemical tributyltin (TBT) on any equipment used at the site;
 - 4.1.3 must not use any chemical or drug for either therapeutic or prophylactic purpose except with the prior approval of the Minister;
 - 4.1.4 must apply the permitted farming methods set out in Schedule 2 of this licence;
 - 4.1.5 must undertake an environmental monitoring program approved by the Minister and as specified in Clause 4.2;
 - 4.1.6 must not introduce the permitted species to the site before the approval of the environmental monitoring program referred to in 4.1.5 by the Minister;
 - 4.1.7 must comply with the schedule of reporting for the environmental monitoring program as prescribed in Schedule 6 and submit the final results of the environmental monitoring program to the Minister 30 days before expiry of the term of this licence;
 - 4.1.8 must implement a management strategy approved by the Minister and as specified in Clause 4.3 to manage interactions with seabirds and marine mammals;
 - 4.1.9 must not introduce the permitted species to the site before approval of the management strategy specified in 4.1.8 by the Minister.
- 4.2 The licensee must submit a draft environmental monitoring program to the Minister for approval within 60 days of the grant of the licence by the Minister. The draft environmental monitoring program must include the qualifications and experience of the person(s) designing and undertaking the program and address the matters listed in Schedule 5.
- 4.3 The licensee must submit a draft strategy for managing interactions with sea birds and marine mammals to the Minister within 60 days of the grant of the licence by the Minister. The draft strategy must identify potential interactions with and risks to sea birds and marine mammals and the measures proposed to minimise interactions with and risks to seabirds and marine mammals.

5. *Sea Cages*

The licensee must immediately inform an officer of PIRSA (Fisheries) on 1800 065 522 or such other officer as the Minister from time to time notifies to the licensee in writing if any marine animal, other than the permitted species, is caught in any sea cage or other farm structure used by the licensee on the site.

6. *Location of Sea Cages*

The licensee must not erect or use any sea cages in any location on the site where stocked sea cages have been used in the immediately preceding two year period.

7. *Marking and Maintaining the Site*

The licensee:

- 7.1 must ensure that the site is maintained in a good, tidy and safe condition to the satisfaction of the Minister;
- 7.2 must remove and lawfully dispose of any waste or debris on the site as soon as is reasonably practicable and in particular must comply with any guidelines issued from time to time by the Minister in relation to the removal from the site of any unhealthy or dead fish;
- 7.3 must maintain all buoys, crosses, and markers on the site in good condition and in accordance with the colours specified in Schedule 1 of this licence; and

7.4 must mark the site boundary in accordance with the requirements of the Minister for Transport.

8. *Site Inspection and Supervision*

The licensee:

8.1 must at all times permit the Minister, his employees, agents or contractors or any employees, agents or contractors of the Crown to enter the site for the purposes of inspecting the site, the sea floor and the flora and fauna on or in the vicinity of the site; and

8.2 must comply with all reasonable directions of any such person authorised by the Director of Fisheries to inspect the conduct of the licensee's activities at the site.

9. *Fees and Returns*

The licensee:

9.1 must pay to the Minister the licence fee in accordance with Item 1 of Schedule 3 of this licence;

9.2 must on or before 31 January and 31 July during the term, submit to the Minister a return supplying all of the information described in Schedule 4 of this licence.

10. *Public Risk Insurance*

The licensee must at its own cost during the term maintain in full force and effect in respect of the site and the permitted use a policy of public risk insurance in the joint names of the licensee and the Minister. The limits of public risk must not be less than the amount specified in Item 2 of Schedule 3 of this licence, or such other amount as the Minister may from time to time reasonably require. A policy of insurance or copy thereof or a certificate of insurance must be produced by the licensee to the Minister on written request.

11. *Guarantee or Indemnity Scheme*

The licensee must either:

11.1 provide a guarantee from its bankers to the amount specified in Item 3 of Schedule 3; or

11.2 contribute to an indemnity scheme established for the aquaculture and fisheries industry and approved by the Minister,

to and in favour of and for the benefit of the Minister by way of security for the due and punctual performance by the licensee of the terms and conditions of this licence and in particular the obligations of the licensee to rehabilitate the site immediately prior to the expiration or sooner determination of the term of this licence. Such guarantee or indemnity scheme must have effect from the date of commencement of the term.

12. *No Assignment*

The licensee must not assign or sublet or deal in any other way with any interest in this licence.

13. *Variation and Cancellation*

13.1 The Minister may without prior notice vary or cancel this licence immediately during the term for the purposes of preventing or minimising any damage or threat of damage to the environment. For the purpose of this condition the Minister may have regard to but is not limited by the following considerations:

13.1.1 the results of monitoring undertaken pursuant to Clause 4.1.5;

13.1.2 the results of any other monitoring as may from time to time be carried out; or

13.1.3 such other relevant information within the knowledge of the Minister.

13.2 Subject to and without limiting Condition 13.1, in the event of breach by the licensee of any term or condition of this licence, the Minister may:

13.2.1 give to the licensee written notice of such breach and the Minister's requirements for rectification thereof; or

13.2.2 cancel this licence for failure to comply with such requirements for rectification.

13.3 The Minister may cancel this licence if the licensee is a body corporate, and any of the following occur:

13.3.1 the licensee is unable to pay its debts as and when they fall due or is otherwise insolvent;

13.3.2 an order is made for the winding up or liquidation of the licensee;

13.3.3 the licensee enters into a scheme of arrangement, compromise, moratorium or other form of composition with its creditors or any class of its creditors;

13.3.4 a receiver, a manager or a receiver and manager, a company administrator or other insolvency administrator is appointed to the licensee; or

13.3.5 a mortgagee, chargee or other encumbrancee is appointed over or takes possession of or appoints an agent to take possession of all or any of the licensee's assets.

13.4 The Minister may cancel this licence if the licensee is an individual, and the licensee:

13.4.1 becomes bankrupt or assigns its estate or enters into a deed of arrangement or other form of composition for the benefit of the licensee's creditors; or

13.4.2 is convicted of an indictable offence.

13.5 Cancellation of this licence by the Minister shall be without prejudice to any rights, remedies or actions that the Minister may have against the licensee in respect of any antecedent breach by the licensee of the terms and conditions contained in this licence.

Granted by the General Manager Aquaculture, delegate for the purposes of section 53 of the Minister responsible for administration of the Fisheries Act 1982, on 10 August 2001.

I. NIGHTINGALE, General Manager Aquaculture

SCHEDULE 1

Item 1—The Site

Area applicable to this licence:

Licensed Area	Licensed Hectares
AGD 66—Zone 53	
759519E 6352164N	20
759974E 6352152N	
759971E 6351714N	
759513E 6351725N	

All sea cages on the site must be marked with a unique sea cage number and the site's unique 'FF number'; that is, the licence number. All St Andrew's crosses must be marked with the site's unique 'FF number'; that is the licence number.

Item 2—Marked-off Areas

Marked-off areas must be marked with no less the 8 equally spaced white buoys, each of at least 12 inches in diameter, each positioned no more than 70 m from each relevant sea cage situated on the site.

SCHEDULE 2

Item 1—Permitted Species

The Director of Fisheries has, pursuant to section 50 (2) of the Act, issued a permit for the release of the fish specified in this Schedule.

Snapper (*Pagrus auratus*)
Yellowtail King Fish (*Seriola lalandi*)

Item 2—Permitted Farming Methods

There must be a minimum clearance of at least 3 m between the bottom of each seacage and the seabed.

Sea Cages 12

Item 3—Stocking Rates

The maximum stocking density of all fish on the site must not exceed 10 kg/m³.

The maximum standing stock on the site must not exceed 200 tonnes. Twelve sea cages each with a maximum circumference of 80 m.

Item 4—Criteria for Development of Marine Aquaculture Sites

Development must have commenced on the site within 12 months of the licence being issued. The minimum level of development on the site must be 1 cage of 20 m diameter.

SCHEDULE 3

Item 1—Fees

Annual licence fees are payable as prescribed in the licence renewal.

Item 2—Insurance

Ten million dollars (\$10 000 000).

Item 3—Guarantee

Ten thousand dollars (\$10 000).

SCHEDULE 4

Production Returns

The licensee must submit production returns to the Minister on or before 30 December and 30 June during the term of this licence. The information contained in these returns will be determined by the Minister. These returns must be forwarded to the General Manager Aquaculture SA, 14th Floor, 25 Grenfell Street, Adelaide, S.A. 5000.

SCHEDULE 5

Environmental Monitoring Program

The monitoring program should address the following matters in relation to the permitted use:

Farm Management

Approximate layout of all structures on the site including location, number and size.

Stocking density of the permitted species held on the site.

Dates and numbers of the permitted species stocked and harvesting on the site.

Occurrence of disease incidents in the permitted species on the site.

Benthic Sediments

Redox potential.

Infauna communities including composition and abundance.

Benthic Fauna and Flora

Benthic macro-flora communities including composition and abundance.

Benthic macro-fauna communities including composition and abundance.

METHODOLOGY

Draft Environmental Monitoring Program

The draft environmental monitoring program needs to detail the site layout and sampling sites, including control sites.

Sediment Cores

Sediment cores should be used to assess the infauna composition and abundance of the sediments. Sediment cores should be 50 mm wide and inserted into the sediments to 150 mm. Samples need to be rinsed through a 1 000 µm mesh. Collection of the cores should be visible on the videos when possible.

Infauna samples must be preserved in Bennett's solution and stained with Thyloxin-B initially. After sorting the samples should be labelled inside and outside the containers with details of the date of collection, site location, collection method, and the collector's and identifier's name. The samples must be preserved in 70% alcohol and kept in storage for two years to allow for auditing or further analysis if required.

Video Transects

Video transects should be used to assess the broad scale changes in sediment consistency, presence of farming waste and the composition and abundance of macro-fauna and macro-flora communities.

Video transects must be collected using equipment capable of producing a clear and well lit image in Hi-8 format for computerised image analysis using a Sony Hi-8 digital camera or equivalent capable of operating at a minimum of 3 lux. The

underwater housing must be fitted with a minimum of two 50W lights. Transects must be at least 150 m long and a transect line marked at 5 m intervals must be visible at all times. The date and 'live' time should also be visible. The location and unique number of each transect must be clearly marked on a map that includes details of the site layout. The diver should gently disturb the sediment by hand at the start, middle and end of each transect to reveal the colour of the sediments below the surface.

Report

The environmental monitoring report must contain a synthesis of the data, statistical analysis and interpretation of the results. All raw data and video footage must also be presented to Aquaculture SA in electronic format and hard copy.

The environmental monitoring report must be legible and contain a declaration regarding the authenticity and source of all data and results contained in the report. This declaration must be signed by the licence holder and the person(s) conducting the monitoring program.

The report must include an assessment of the results of the monitoring program against the provisions of the Environment Protection (Marine) Policy 1994, and must be accompanied by all raw data, video footage and diver notes.

SCHEDULE 6

Schedule of Environmental Monitoring Reports

The licensee must submit an environmental monitoring program report within six months of the commencement of this licence and a final environmental monitoring program report within 12 months of the commencement of this licence to the Minister, c/o General Manager Aquaculture SA, 14th Floor, 25 Grenfell Street, G.P.O. Box 1625, Adelaide, S.A. 5000, during the term of this licence.

FISHERIES ACT 1982

MARINE MOLLUSC FARMING LICENCE FM00048
(PREVIOUS LICENCE NO. F583)

Licence to Farm Fish under section 53 of the Fisheries Act 1982

THE Minister for Primary Industries and Resources ('the Minister') hereby grants to:

Lester S. Marshall (12173)
Julianne Marshall (12237)
2/2 Greenly Avenue
Coffin Bay, S.A. 5607

a licence to occupy and use the waters and airspace over the land specified in Item 1 of Schedule 1 of this licence ('the site') for the purpose of farming and taking the permitted species ('the permitted use') for the period commencing on 1 July 2001 and ending, subject to any earlier termination under this licence, on 30 June 2002 ('the term') subject to the following terms and conditions:

CONDITIONS OF THIS LICENCE

1. *Marked-off Areas*

1.1 Subject to section 53A of the Fisheries Act 1982, this licence does not entitle the licensee to exclusive rights of entry to and occupation of the site. The rights granted by this licence are exercisable by the licensee in common with any other occupiers of the site from time to time.

1.2 For the purposes of section 53A of the Fisheries Act 1982, the marked-off areas within the site are that area or those areas marked-off or indicated in the manner set out in Item 2 of Schedule 1 of this licence.

2. *Permitted Species*

The licensee:

2.1 must not farm or introduce any species at the site other than the permitted species referred to in Schedule 2; and

2.2 must not take any wild fish from the site except for recreational purposes.

3. *Permitted Use*

The licensee must not use the site for any purpose other than the permitted use.

4. Permitted Methods

- 4.1 The licensee must, in undertaking the permitted use, take all reasonable and practicable measures to prevent or minimise damage to the environment. Without limiting the generality of the foregoing, the licensee:
- 4.1.1 must ensure the total length of each unit does not exceed 3 km of longline or 1 km of racking per hectare, and each unit must be at least 5 m from any other unit;
- 4.1.2 must not use the anti-fouling chemical tributyltin (TBT) on any equipment used at the site;
- 4.1.3 must not use any chemical or drug for either therapeutic or prophylactic purpose except with the prior approval of the Minister;
- 4.1.4 must undertake an environmental monitoring program approved by the Minister and as specified in Clause 4.3;
- 4.1.5 must not introduce the permitted species to the site before the approval of the environmental monitoring program referred to in 4.1.4 by the Minister;
- 4.1.6 must comply with the schedule of reporting for the environmental monitoring program as prescribed in Schedule 6 and submit the final results of the environmental monitoring program to the Minister 30 days before expiry of the term of this licence.
- 4.2 *SASQAP*
- 4.2.1 It is a condition of your licence to farm bivalve molluscs that only shellfish from areas Classified under the South Australian Shellfish Quality Assurance Program (SASQAP) may be sold for human consumption.
- 4.2.2 The licensee must continue to meet all the regulations required under the Food Standards Code to produce a product safe for human consumption.
- 4.3 The licensee must submit a draft environmental monitoring program to the Minister for approval within 60 days of the grant of the licence by the Minister. The draft environmental monitoring program must include the qualifications and experience of the person(s) designing and undertaking the program and address the matters listed in Schedule 5.

5. Marking and Maintaining the Site

The licensee:

- 5.1 must ensure that the site is maintained in a good, tidy and safe condition to the satisfaction of the Minister;
- 5.2 must remove and lawfully dispose of any waste or debris on the site as soon as is reasonably practicable and in particular must comply with any guidelines issued from time to time by the Minister in relation to the removal from the site of any unhealthy or dead fish;
- 5.3 must maintain all buoys, crosses, and markers on the site in good condition and in accordance with the colours specified in Schedule 1 of this licence; and
- 5.4 must mark the site boundary in accordance with the requirements of the Minister for Transport.

6. Site Inspection and Supervision

The licensee:

- 6.1 must at all times permit the Minister, his employees, agents or contractors or any employees, agents or contractors of the Crown to enter the site for the purposes of inspecting the site, the sea floor and the flora and fauna on or in the vicinity of the site; and
- 6.2 must comply with all reasonable directions of any such person authorised by the Director of Fisheries to inspect the conduct of the licensee's activities at the site.

7. Fees and Returns

The licensee:

- 7.1 must pay to the Minister the licence fee in accordance with Item 1 of Schedule 3 of this licence;
- 7.2 must on or before 31 January and 31 July during the term, submit to the Minister a return supplying all of the information described in Schedule 4 of this licence.

8. Public Risk Insurance

The licensee must at its own cost during the term maintain in full force and effect in respect of the site and the permitted use a policy of public risk insurance in the joint names of the licensee and the Minister. The limits of public risk must not be less than the amount specified in Item 2 of Schedule 3 of this licence, or such other amount as the Minister may from time to time reasonably require. A policy of insurance or copy thereof or a certificate of insurance must be produced by the licensee to the Minister on written request.

9. Guarantee or Indemnity Scheme

The licensee must either:

- 9.1 provide a guarantee from its bankers to the amount specified in Item 3 of Schedule 3; or
- 9.2 contribute to an indemnity scheme established for the aquaculture and fisheries industry and approved by the Minister,

to and in favour of and for the benefit of the Minister by way of security for the due and punctual performance by the licensee of the terms and conditions of this licence and in particular the obligations of the licensee to rehabilitate the site immediately prior to the expiration or sooner determination of the term of this licence. Such guarantee or indemnity scheme must have effect from the date of commencement of the term.

10. No Assignment

The licensee must not assign or sublet or deal in any other way with any interest in this licence.

11. Variation and Cancellation

- 11.1 The Minister may without prior notice vary or cancel this licence immediately during the term for the purposes of preventing or minimising any damage or threat of damage to the environment. For the purpose of this condition the Minister may have regard to but is not limited by the following considerations:
- 11.1.1 the results of monitoring undertaken pursuant to Clause 4.1.5;
- 11.1.2 the results of any other monitoring as may from time to time be carried out; or
- 11.1.3 such other relevant information within the knowledge of the Minister.
- 11.2 Subject to and without limiting Condition 13.1, in the event of breach by the licensee of any term or condition of this licence, the Minister may:
- 11.2.1 give to the licensee written notice of such breach and the Minister's requirements for rectification thereof; or
- 11.2.2 cancel this licence for failure to comply with such requirements for rectification.
- 11.3 The Minister may cancel this licence if the licensee is a body corporate, and any of the following occur:
- 11.3.1 the licensee is unable to pay its debts as and when they fall due or is otherwise insolvent;
- 11.3.2 an order is made for the winding up or liquidation of the licensee;
- 11.3.3 the licensee enters into a scheme of arrangement, compromise, moratorium or other form of composition with its creditors or any class of its creditors;
- 11.3.4 a receiver, a manager or a receiver and manager, a company administrator or other insolvency administrator is appointed to the licensee; or

- 11.3.5 a mortgagee, chargee or other encumbrancee is appointed over or takes possession of or appoints an agent to take possession of all or any of the licensee's assets.
- 11.4 The Minister may cancel this licence if the licensee is an individual, and the licensee:
- 11.4.1 becomes bankrupt or assigns its estate or enters into a deed of arrangement or other form of composition for the benefit of the licensee's creditors; or
- 11.4.2 is convicted of an indictable offence.
- 11.5 Cancellation of this licence by the Minister shall be without prejudice to any rights, remedies or actions that the Minister may have against the licensee in respect of any antecedent breach by the licensee of the terms and conditions contained in this licence.

Granted by the General Manager Aquaculture, delegate for the purposes of section 53 of the Minister responsible for administration of the Fisheries Act 1982, on 10 August 2001.

I. NIGHTINGALE, General Manager Aquaculture

SCHEDULE 1

Item 1—The Site

Area applicable to this licence:

Licensed Area	Licensed Hectares
AGD 66—Zone 53	
542017E 6172415N	2
542226E 6172331N	
542167E 6172259N	
541958E 6172343N	

All St Andrew's crosses must be marked with the site's unique 'FM number'; that is the licence number.

Item 2—Marked-off Areas

[Co-ordinates of developed areas within the site to be provided by the licensee].

White buoys of at least 12 inches in diameter must be placed around the whole of the perimeter of the developed areas within the site at a distance of no less than 50 m from one another.

SCHEDULE 2

Item 1—Permitted Species

The Director of Fisheries has, pursuant to section 50 (2) of the Act, issued a permit for the release of the fish specified in this Schedule.

Native Oysters (*Ostrea angasi*)
Pacific Oysters (*Crassostrea gigas*)

Item 2—Permitted Farming Methods

Longlines

The total length of each unit must not exceed 3 km of longline not less than 3 m apart, or 1 km of racking per hectare, and each unit must be at least 5 m from any other unit.

Item 3—Criteria for Development of Marine Aquaculture Sites

Development must have commenced on the site within 12 months of the licence being issued. The minimum level of development on the site must be:

0.2 ha developed with 0.6 km of BST longline or 0.2 km of racking on the site.

SCHEDULE 3

Item 1—Fees

Annual licence fees are payable as prescribed in the licence renewal.

Item 2—Insurance

Ten million dollars (\$10 000 000).

Item 3—Guarantee

Ten thousand dollars (\$10 000).

SCHEDULE 4

Production Returns

The licensee must submit production returns to the Minister on or before 30 December and 30 June during the term of this licence. The information contained in these returns will be determined by the Minister. These returns must be forwarded to the General Manager, Aquaculture SA, 14th Floor, 25 Grenfell Street, Adelaide, S.A. 5000.

SCHEDULE 5

Environmental Monitoring Program

MATTERS TO BE ADDRESSED

The monitoring program should address the following matters in relation to the permitted use:

Farm Management

1. Approximate layout of all structures on the site during the term including location, number and size.
2. Growth and condition of the permitted species.
3. Occurrence of disease incidents in the permitted species.

Water Quality

1. Phytoplankton including species composition and abundance.
2. Status of the site under the South Australian Shellfish Quality Assurance Program during the term (including closures).

Feral Oysters

Presence and numbers of feral oysters.

Benthic Sediments

Sedimentation through measuring total organic carbon and particle size analysis of sediment samples.

Benthic Fauna and Flora

Benthic macro-flora communities including composition, distribution and abundance.

METHODOLOGY

Video Transects

Video transects should be used to assess broad scale changes in sediment consistency, presence of farming waste and the composition and abundance of macro-flora communities.

Video transects must be collected using equipment capable of producing a clear and well lit image. Transects must extend across the site, including sections under the development, and extend 50 m out both sides of the site. The location of the video transects must be identified on a map attached to the environmental monitoring report. Each transect must be identified on the video with a unique transect number.

Report

The environmental monitoring report must be legible and contain a declaration regarding the authenticity and source of all data and results contained in the report. This declaration must be signed by the licence holder and the person(s) conducting the monitoring program.

The report must include an assessment of the results of the monitoring program against the provisions of the Environment Protection (Marine) Policy 1994, and must be accompanied by all raw data, video footage and diver notes.

SCHEDULE 6

Schedule of Environmental Monitoring Reports

The licensee must submit a final environmental monitoring program report within 12 months of the commencement of this licence to the Minister, c/o General Manager Aquaculture SA, 14th Floor, 25 Grenfell Street, G.P.O. Box 1625, Adelaide, S.A. 5000.

FISHERIES ACT 1982

MARINE MOLLUSC FARMING LICENCE FM00070
(PREVIOUS LICENCE NO. F731)

*Licence to Farm Fish under section 53 of the Fisheries
Act 1982*

THE Minister for Primary Industries and Resources ('the Minister') hereby grants to:

John P. Pedler (13091)
Wendy J. Pedler (12193)
Section 120
Hundred of Wallanippie
Smoky Bay, S.A. 5680

a licence to occupy and use the waters and airspace over the land specified in Item 1 of Schedule 1 of this licence ('the site') for the purpose of farming and taking the permitted species ('the permitted use') for the period commencing on 1 July 2001 and ending, subject to any earlier termination under this licence, on 30 June 2002 ('the term') subject to the following terms and conditions:

CONDITIONS OF THIS LICENCE

1. *Marked-off Areas*

- 1.1 Subject to section 53A of the Fisheries Act 1982, this licence does not entitle the licensee to exclusive rights of entry to and occupation of the site. The rights granted by this licence are exercisable by the licensee in common with any other occupiers of the site from time to time.
- 1.2 For the purposes of section 53A of the Fisheries Act 1982, the marked-off areas within the site are that area or those areas marked-off or indicated in the manner set out in Item 2 of Schedule 1 of this licence.

2. *Permitted Species*

The licensee:

- 2.1 must not farm or introduce any species at the site other than the permitted species referred to in Schedule 2; and
- 2.2 must not take any wild fish from the site except for recreational purposes.

3. *Permitted Use*

The licensee must not use the site for any purpose other than the permitted use.

4. *Permitted Methods*

- 4.1 The licensee must, in undertaking the permitted use, take all reasonable and practicable measures to prevent or minimise damage to the environment. Without limiting the generality of the foregoing, the licensee:
 - 4.1.1 must ensure the total length of each unit does not exceed 3 km of longline or 1 km of racking per hectare, and each unit must be at least 5 m from any other unit;
 - 4.1.2 must not use the anti-fouling chemical tributyltin (TBT) on any equipment used at the site;
 - 4.1.3 must not use any chemical or drug for either therapeutic or prophylactic purpose except with the prior approval of the Minister;
 - 4.1.4 must undertake an environmental monitoring program approved by the Minister and as specified in Clause 4.3;
 - 4.1.5 must not introduce the permitted species to the site before the approval of the environmental monitoring program referred to in 4.1.4 by the Minister;
 - 4.1.6 must comply with the schedule of reporting for the environmental monitoring program as prescribed in Schedule 6 and submit the final results of the environmental monitoring program to the Minister 30 days before expiry of the term of this licence.

4.2 *SASQAP*

- 4.2.1 It is a condition of your licence to farm bivalve molluscs that only shellfish from areas Classified under the South Australian Shellfish Quality Assurance Program (SASQAP) may be sold for human consumption.
- 4.2.2 The licensee must continue to meet all the regulations required under the Food Standards Code to produce a product safe for human consumption.

- 4.3 The licensee must submit a draft environmental monitoring program to the Minister for approval within 60 days of the grant of the licence by the Minister. The draft environmental monitoring program must include the qualifications and experience of the person(s) designing and undertaking the program and address the matters listed in Schedule 5.

5. *Marking and Maintaining the Site*

The licensee:

- 5.1 must ensure that the site is maintained in a good, tidy and safe condition to the satisfaction of the Minister;
- 5.2 must remove and lawfully dispose of any waste or debris on the site as soon as is reasonably practicable and in particular must comply with any guidelines issued from time to time by the Minister in relation to the removal from the site of any unhealthy or dead fish;
- 5.3 must maintain all buoys, crosses, and markers on the site in good condition and in accordance with the colours specified in Schedule 1 of this licence; and
- 5.4 must mark the site boundary in accordance with the requirements of the Minister for Transport.

6. *Site Inspection and Supervision*

The licensee:

- 6.1 must at all times permit the Minister, his employees, agents or contractors or any employees, agents or contractors of the Crown to enter the site for the purposes of inspecting the site, the sea floor and the flora and fauna on or in the vicinity of the site; and
- 6.2 must comply with all reasonable directions of any such person authorised by the Director of Fisheries to inspect the conduct of the licensee's activities at the site.

7. *Fees and Returns*

The licensee:

- 7.1 must pay to the Minister the licence fee in accordance with Item 1 of Schedule 3 of this licence;
- 7.2 must on or before 31 January and 31 July during the term, submit to the Minister a return supplying all of the information described in Schedule 4 of this licence.

8. *Public Risk Insurance*

The licensee must at its own cost during the term maintain in full force and effect in respect of the site and the permitted use a policy of public risk insurance in the joint names of the licensee and the Minister. The limits of public risk must not be less than the amount specified in Item 2 of Schedule 3 of this licence, or such other amount as the Minister may from time to time reasonably require. A policy of insurance or copy thereof or a certificate of insurance must be produced by the licensee to the Minister on written request.

9. *Guarantee or Indemnity Scheme*

The licensee must either:

- 9.1 provide a guarantee from its bankers to the amount specified in Item 3 of Schedule 3; or
- 9.2 contribute to an indemnity scheme established for the aquaculture and fisheries industry and approved by the Minister,

to and in favour of and for the benefit of the Minister by way of security for the due and punctual performance by the licensee of the terms and conditions of this licence and in particular the

obligations of the licensee to rehabilitate the site immediately prior to the expiration or sooner determination of the term of this licence. Such guarantee or indemnity scheme must have effect from the date of commencement of the term.

10. No Assignment

The licensee must not assign or sublet or deal in any other way with any interest in this licence.

11. Variation and Cancellation

11.1 The Minister may without prior notice vary or cancel this licence immediately during the term for the purposes of preventing or minimising any damage or threat of damage to the environment. For the purpose of this condition the Minister may have regard to but is not limited by the following considerations:

- 11.1.1 the results of monitoring undertaken pursuant to Clause 4.1.5;
- 11.1.2 the results of any other monitoring as may from time to time be carried out; or
- 11.1.3 such other relevant information within the knowledge of the Minister.

11.2 Subject to and without limiting Condition 13.1, in the event of breach by the licensee of any term or condition of this licence, the Minister may:

- 11.2.1 give to the licensee written notice of such breach and the Minister's requirements for rectification thereof; or
- 11.2.2 cancel this licence for failure to comply with such requirements for rectification.

11.3 The Minister may cancel this licence if the licensee is a body corporate, and any of the following occur:

- 11.3.1 the licensee is unable to pay its debts as and when they fall due or is otherwise insolvent;
- 11.3.2 an order is made for the winding up or liquidation of the licensee;
- 11.3.3 the licensee enters into a scheme of arrangement, compromise, moratorium or other form of composition with its creditors or any class of its creditors;
- 11.3.4 a receiver, a manager or a receiver and manager, a company administrator or other insolvency administrator is appointed to the licensee; or
- 11.3.5 a mortgagee, chargee or other encumbrancee is appointed over or takes possession of or appoints an agent to take possession of all or any of the licensee's assets.

11.4 The Minister may cancel this licence if the licensee is an individual, and the licensee:

- 11.4.1 becomes bankrupt or assigns its estate or enters into a deed of arrangement or other form of composition for the benefit of the licensee's creditors; or
- 11.4.2 is convicted of an indictable offence.

11.5 Cancellation of this licence by the Minister shall be without prejudice to any rights, remedies or actions that the Minister may have against the licensee in respect of any antecedent breach by the licensee of the terms and conditions contained in this licence.

Granted by the General Manager Aquaculture, delegate for the purposes of section 53 of the Minister responsible for administration of the Fisheries Act 1982, on 10 August 2001.

I. NIGHTINGALE, General Manager Aquaculture

SCHEDULE 1

Item 1—The Site

Area applicable to this licence:

Licensed Area	Licensed Hectares
AGD 66—Zone 53	
394725E 6417057N	5
394842E 6417049N	
394812E 6416625N	
394695E 6416633N	

All *St Andrew's crosses* must be marked with the site's unique 'FM number'; that is the licence number.

Item 2—Marked-off Areas

[Co-ordinates of developed areas within the site to be provided by the licensee].

White buoys of at least 12 inches in diameter must be placed around the whole of the perimeter of the developed areas within the site at a distance of no less than 50 m from one another.

SCHEDULE 2

Item 1—Permitted Species

The Director of Fisheries has, pursuant to section 50 (2) of the Act, issued a permit for the release of the fish specified in this Schedule.

Pacific Oysters (*Crassostrea gigas*)

Item 2—Permitted Farming Methods

Longlines

The total length of each unit must not exceed 3 km of longline not less than 3 m apart, or 1 km of racking per hectare, and each unit must be at least 5 m from any other unit.

Item 3—Criteria for Development of Marine Aquaculture Sites

Development must have commenced on the site within 12 months of the licence being issued. The minimum level of development on the site must be:

0.5 ha developed with 1.5 km of BST longline or 0.5 km of racking on the site.

SCHEDULE 3

Item 1—Fees

Annual licence fees are payable as prescribed in the licence renewal.

Item 2—Insurance

Ten million dollars (\$10 000 000).

Item 3—Guarantee

Ten thousand dollars (\$10 000).

SCHEDULE 4

Production Returns

The licensee must submit production returns to the Minister on or before 30 December and 30 June during the term of this licence. The information contained in these returns will be determined by the Minister. These returns must be forwarded to the General Manager, Aquaculture SA, 14th Floor, 25 Grenfell Street, Adelaide, S.A. 5000.

SCHEDULE 5

Environmental Monitoring Program

MATTERS TO BE ADDRESSED

The monitoring program should address the following matters in relation to the permitted use:

Farm Management

1. Approximate layout of all structures on the site during the term including location, number and size.

2. Growth and condition of the permitted species.
3. Occurrence of disease incidents in the permitted species.

Water Quality

1. Phytoplankton including species composition and abundance.
2. Status of the site under the South Australian Shellfish Quality Assurance Program during the term (including closures).

Feral Oysters

Presence and numbers of feral oysters.

Benthic Sediments

Sedimentation through measuring total organic carbon and particle size analysis of sediment samples.

Benthic Fauna and Flora

Benthic macro-flora communities including composition, distribution and abundance.

METHODOLOGY

Video Transects

Video transects should be used to assess broad scale changes in sediment consistency, presence of farming waste and the composition and abundance of macro-flora communities.

Video transects must be collected using equipment capable of producing a clear and well lit image. Transects must extend across the site, including sections under the development, and extend 50 m out both sides of the site. The location of the video transects must be identified on a map attached to the environmental monitoring report. Each transect must be identified on the video with a unique transect number.

Report

The environmental monitoring report must be legible and contain a declaration regarding the authenticity and source of all data and results contained in the report. This declaration must be signed by the licence holder and the person(s) conducting the monitoring program.

The report must include an assessment of the results of the monitoring program against the provisions of the Environment Protection (Marine) Policy 1994, and must be accompanied by all raw data, video footage and diver notes.

SCHEDULE 6

Schedule of Environmental Monitoring Reports

The licensee must submit a final environmental monitoring program report within 12 months of the commencement of this licence to the Minister, c/o General Manager Aquaculture SA, 14th Floor, 25 Grenfell Street, G.P.O. Box 1625, Adelaide, S.A. 5000.

FISHERIES ACT 1982

MARINE MOLLUSC FARMING LICENCE FM00135
(PREVIOUS LICENCE NO. F812)

Licence to Farm Fish under section 53 of the Fisheries Act 1982

THE Minister for Primary Industries and Resources ('the Minister') hereby grants to:

Lester S. Marshall (12173)
Julianne Marshall (12237)
2/2 Greenly Avenue
Coffin Bay, S.A. 5607

a licence to occupy and use the waters and airspace over the land specified in Item 1 of Schedule 1 of this licence ('the site') for the purpose of farming and taking the permitted species ('the permitted use') for the period commencing on 1 July 2001 and ending, subject to any earlier termination under this licence, on 30 June 2002 ('the term') subject to the following terms and conditions:

CONDITIONS OF THIS LICENCE

1. *Marked-off Areas*

- 1.1 Subject to section 53A of the Fisheries Act 1982, this licence does not entitle the licensee to exclusive rights of entry to and occupation of the site. The rights granted by this licence are exercisable by the licensee in common with any other occupiers of the site from time to time.
- 1.2 For the purposes of section 53A of the Fisheries Act 1982, the marked-off areas within the site are that area or those areas marked-off or indicated in the manner set out in Item 2 of Schedule 1 of this licence.

2. *Permitted Species*

The licensee:

- 2.1 must not farm or introduce any species at the site other than the permitted species referred to in Schedule 2; and
- 2.2 must not take any wild fish from the site except for recreational purposes.

3. *Permitted Use*

The licensee must not use the site for any purpose other than the permitted use.

4. *Permitted Methods*

- 4.1 The licensee must, in undertaking the permitted use, take all reasonable and practicable measures to prevent or minimise damage to the environment. Without limiting the generality of the foregoing, the licensee:
 - 4.1.1 must ensure the total length of each unit does not exceed 3 km of longline or 1 km of racking per hectare, and each unit must be at least 5 m from any other unit;
 - 4.1.2 must not use the anti-fouling chemical tributyltin (TBT) on any equipment used at the site;
 - 4.1.3 must not use any chemical or drug for either therapeutic or prophylactic purpose except with the prior approval of the Minister;
 - 4.1.4 must undertake an environmental monitoring program approved by the Minister and as specified in Clause 4.3;
 - 4.1.5 must not introduce the permitted species to the site before the approval of the environmental monitoring program referred to in 4.1.4 by the Minister;
 - 4.1.6 must comply with the schedule of reporting for the environmental monitoring program as prescribed in Schedule 6 and submit the final results of the environmental monitoring program to the Minister 30 days before expiry of the term of this licence.

4.2 *SASQAP*

- 4.2.1 It is a condition of your licence to farm bivalve molluscs that only shellfish from areas Classified under the South Australian Shellfish Quality Assurance Program (SASQAP) may be sold for human consumption.
- 4.2.2 The licensee must continue to meet all the regulations required under the Food Standards Code to produce a product safe for human consumption.

- 4.3 The licensee must submit a draft environmental monitoring program to the Minister for approval within 60 days of the grant of the licence by the Minister. The draft environmental monitoring program must include the qualifications and experience of the person(s) designing and undertaking the program and address the matters listed in Schedule 5.

5. *Marking and Maintaining the Site*

The licensee:

- 5.1 must ensure that the site is maintained in a good, tidy and safe condition to the satisfaction of the Minister;
- 5.2 must remove and lawfully dispose of any waste or debris on the site as soon as is reasonably practicable and in particular must comply with any guidelines issued from time to time by the Minister in relation to the removal from the site of any unhealthy or dead fish;
- 5.3 must maintain all buoys, crosses, and markers on the site in good condition and in accordance with the colours specified in Schedule 1 of this licence; and
- 5.4 must mark the site boundary in accordance with the requirements of the Minister for Transport.

6. *Site Inspection and Supervision*

The licensee:

- 6.1 must at all times permit the Minister, his employees, agents or contractors or any employees, agents or contractors of the Crown to enter the site for the purposes of inspecting the site, the sea floor and the flora and fauna on or in the vicinity of the site; and
- 6.2 must comply with all reasonable directions of any such person authorised by the Director of Fisheries to inspect the conduct of the licensee's activities at the site.

7. *Fees and Returns*

The licensee:

- 7.1 must pay to the Minister the licence fee in accordance with Item 1 of Schedule 3 of this licence;
- 7.2 must on or before 31 January and 31 July during the term, submit to the Minister a return supplying all of the information described in Schedule 4 of this licence.

8. *Public Risk Insurance*

The licensee must at its own cost during the term maintain in full force and effect in respect of the site and the permitted use a policy of public risk insurance in the joint names of the licensee and the Minister. The limits of public risk must not be less than the amount specified in Item 2 of Schedule 3 of this licence, or such other amount as the Minister may from time to time reasonably require. A policy of insurance or copy thereof or a certificate of insurance must be produced by the licensee to the Minister on written request.

9. *Guarantee or Indemnity Scheme*

The licensee must either:

- 9.1 provide a guarantee from its bankers to the amount specified in Item 3 of Schedule 3; or
- 9.2 contribute to an indemnity scheme established for the aquaculture and fisheries industry and approved by the Minister,

to and in favour of and for the benefit of the Minister by way of security for the due and punctual performance by the licensee of the terms and conditions of this licence and in particular the obligations of the licensee to rehabilitate the site immediately prior to the expiration or sooner determination of the term of this licence. Such guarantee or indemnity scheme must have effect from the date of commencement of the term.

10. *No Assignment*

The licensee must not assign or sublet or deal in any other way with any interest in this licence.

11. *Variation and Cancellation*

- 11.1 The Minister may without prior notice vary or cancel this licence immediately during the term for the purposes of preventing or minimising any damage or threat of damage to the environment. For the purpose of this condition the Minister may have regard to but is not limited by the following considerations:
 - 11.1.1 the results of monitoring undertaken pursuant to Clause 4.1.5;
 - 11.1.2 the results of any other monitoring as may from time to time be carried out; or

11.1.3 such other relevant information within the knowledge of the Minister.

11.2 Subject to and without limiting Condition 13.1, in the event of breach by the licensee of any term or condition of this licence, the Minister may:

11.2.1 give to the licensee written notice of such breach and the Minister's requirements for rectification thereof; or

11.2.2 cancel this licence for failure to comply with such requirements for rectification.

11.3 The Minister may cancel this licence if the licensee is a body corporate, and any of the following occur:

11.3.1 the licensee is unable to pay its debts as and when they fall due or is otherwise insolvent;

11.3.2 an order is made for the winding up or liquidation of the licensee;

11.3.3 the licensee enters into a scheme of arrangement, compromise, moratorium or other form of composition with its creditors or any class of its creditors;

11.3.4 a receiver, a manager or a receiver and manager, a company administrator or other insolvency administrator is appointed to the licensee; or

11.3.5 a mortgagee, chargee or other encumbrancee is appointed over or takes possession of or appoints an agent to take possession of all or any of the licensee's assets.

11.4 The Minister may cancel this licence if the licensee is an individual, and the licensee:

11.4.1 becomes bankrupt or assigns its estate or enters into a deed of arrangement or other form of composition for the benefit of the licensee's creditors; or

11.4.2 is convicted of an indictable offence.

11.5 Cancellation of this licence by the Minister shall be without prejudice to any rights, remedies or actions that the Minister may have against the licensee in respect of any antecedent breach by the licensee of the terms and conditions contained in this licence.

Granted by the General Manager Aquaculture, delegate for the purposes of section 53 of the Minister responsible for administration of the Fisheries Act 1982, on 10 August 2001.

I. NIGHTINGALE, General Manager Aquaculture

SCHEDULE 1

Item 1—The Site

Area applicable to this licence:

Licensed Area	Licensed Hectares
AGD 66—Zone 53	
534850E 6175733N	10
535150E 6175733N	
535150E 6175400N	
534850E 6175400N	

All *St Andrew's crosses* must be marked with the site's unique 'FM number'; that is the licence number.

Item 2—Marked-off Areas

[Co-ordinates of developed areas within the site to be provided by the licensee].

White buoys of at least 12 inches in diameter must be placed around the whole of the perimeter of the developed areas within the site at a distance of no less than 50 m from one another.

SCHEDULE 2

Item 1—Permitted Species

The Director of Fisheries has, pursuant to section 50 (2) of the Act, issued a permit for the release of the fish specified in this Schedule.

Native Oysters (*Ostrea angasi*)
Pacific Oysters (*Crassostrea gigas*)

*Item 2—Permitted Farming Methods**Longlines*

The total length of each unit must not exceed 3 km of longline not less than 3 m apart, or 1 km of racking per hectare, and each unit must be at least 5 m from any other unit.

Item 3—Criteria for Development of Marine Aquaculture Sites

Development must have commenced on the site within 12 months of the licence being issued. The minimum level of development on the site must be:

1 ha developed by 30 June 2002.

SCHEDULE 3

Item 1—Fees

Annual licence fees are payable as prescribed in the licence renewal.

Item 2—Insurance

Ten million dollars (\$10 000 000).

Item 3—Guarantee

Ten thousand dollars (\$10 000).

SCHEDULE 4

Production Returns

The licensee must submit production returns to the Minister on or before 30 December and 30 June during the term of this licence. The information contained in these returns will be determined by the Minister. These returns must be forwarded to the General Manager, Aquaculture SA, 14th Floor, 25 Grenfell Street, Adelaide, S.A. 5000.

SCHEDULE 5

Environmental Monitoring Program

MATTERS TO BE ADDRESSED

The monitoring program should address the following matters in relation to the permitted use:

Farm Management

1. Approximate layout of all structures on the site during the term including location, number and size.
2. Growth and condition of the permitted species.
3. Occurrence of disease incidents in the permitted species.

Water Quality

1. Phytoplankton including species composition and abundance.
2. Status of the site under the South Australian Shellfish Quality Assurance Program during the term (including closures).

Feral Oysters

Presence and numbers of feral oysters.

Benthic Sediments

Sedimentation through measuring total organic carbon and particle size analysis of sediment samples.

Benthic Fauna and Flora

Benthic macro-flora communities including composition, distribution and abundance.

METHODOLOGY

Video Transects

Video transects should be used to assess broad scale changes in sediment consistency, presence of farming waste and the composition and abundance of macro-flora communities.

Video transects must be collected using equipment capable of producing a clear and well lit image. Transects must extend across the site, including sections under the development, and extend 50 m out both sides of the site. The location of the video transects must be identified on a map attached to the environmental monitoring report. Each transect must be identified on the video with a unique transect number.

Report

The environmental monitoring report must be legible and contain a declaration regarding the authenticity and source of all data and results contained in the report. This declaration must be signed by the licence holder and the person(s) conducting the monitoring program.

The report must include an assessment of the results of the monitoring program against the provisions of the Environment Protection (Marine) Policy 1994, and must be accompanied by all raw data, video footage and diver notes.

SCHEDULE 6

Schedule of Environmental Monitoring Reports

The licensee must submit a final environmental monitoring program report within 12 months of the commencement of this licence to the Minister, c/o General Manager Aquaculture SA, 14th Floor, 25 Grenfell Street, G.P.O. Box 1625, Adelaide, S.A. 5000.

FISHERIES ACT 1982

MARINE MOLLUSC FARMING LICENCE FM00154
(PREVIOUS LICENCE NO. F838)

Licence to Farm Fish under section 53 of the Fisheries Act 1982

THE Minister for Primary Industries and Resources ('the Minister') hereby grants to:

Geoffrey M. Octoman (12180)
Colleen D. Octoman (16957)
25 Douglas Street
Coffin Bay, S.A. 5607

a licence to occupy and use the waters and airspace over the land specified in Item 1 of Schedule 1 of this licence ('the site') for the purpose of farming and taking the permitted species ('the permitted use') for the period commencing on 1 July 2001 and ending, subject to any earlier termination under this licence, on 30 June 2002 ('the term') subject to the following terms and conditions:

CONDITIONS OF THIS LICENCE

1. *Marked-off Areas*

- 1.1 Subject to section 53A of the Fisheries Act 1982, this licence does not entitle the licensee to exclusive rights of entry to and occupation of the site. The rights granted by this licence are exercisable by the licensee in common with any other occupiers of the site from time to time.
- 1.2 For the purposes of section 53A of the Fisheries Act 1982, the marked-off areas within the site are that area or those areas marked-off or indicated in the manner set out in Item 2 of Schedule 1 of this licence.

2. *Permitted Species*

The licensee:

- 2.1 must not farm or introduce any species at the site other than the permitted species referred to in Schedule 2; and
- 2.2 must not take any wild fish from the site except for recreational purposes.

3. *Permitted Use*

The licensee must not use the site for any purpose other than the permitted use.

4. *Permitted Methods*

- 4.1 The licensee must, in undertaking the permitted use, take all reasonable and practicable measures to prevent or minimise damage to the environment. Without limiting the generality of the foregoing, the licensee:
 - 4.1.1 must ensure the total length of each unit does not exceed 3 km of longline or 1 km of racking per hectare, and each unit must be at least 5 m from any other unit;

- 4.1.2 must not use the anti-fouling chemical tributyltin (TBT) on any equipment used at the site;
- 4.1.3 must not use any chemical or drug for either therapeutic or prophylactic purpose except with the prior approval of the Minister;
- 4.1.4 must undertake an environmental monitoring program approved by the Minister and as specified in Clause 4.3;
- 4.1.5 must not introduce the permitted species to the site before the approval of the environmental monitoring program referred to in 4.1.4 by the Minister;
- 4.1.6 must comply with the schedule of reporting for the environmental monitoring program as prescribed in Schedule 6 and submit the final results of the environmental monitoring program to the Minister 30 days before expiry of the term of this licence.

4.2 SASQAP

- 4.2.1 It is a condition of your licence to farm bivalve molluscs that only shellfish from areas Classified under the South Australian Shellfish Quality Assurance Program (SASQAP) may be sold for human consumption.
- 4.2.2 The licensee must continue to meet all the regulations required under the Food Standards Code to produce a product safe for human consumption.
- 4.3 The licensee must submit a draft environmental monitoring program to the Minister for approval within 60 days of the grant of the licence by the Minister. The draft environmental monitoring program must include the qualifications and experience of the person(s) designing and undertaking the program and address the matters listed in Schedule 5.

5. Marking and Maintaining the Site

The licensee:

- 5.1 must ensure that the site is maintained in a good, tidy and safe condition to the satisfaction of the Minister;
- 5.2 must remove and lawfully dispose of any waste or debris on the site as soon as is reasonably practicable and in particular must comply with any guidelines issued from time to time by the Minister in relation to the removal from the site of any unhealthy or dead fish;
- 5.3 must maintain all buoys, crosses, and markers on the site in good condition and in accordance with the colours specified in Schedule 1 of this licence; and
- 5.4 must mark the site boundary in accordance with the requirements of the Minister for Transport.

6. Site Inspection and Supervision

The licensee:

- 6.1 must at all times permit the Minister, his employees, agents or contractors or any employees, agents or contractors of the Crown to enter the site for the purposes of inspecting the site, the sea floor and the flora and fauna on or in the vicinity of the site; and
- 6.2 must comply with all reasonable directions of any such person authorised by the Director of Fisheries to inspect the conduct of the licensee's activities at the site.

7. Fees and Returns

The licensee:

- 7.1 must pay to the Minister the licence fee in accordance with Item 1 of Schedule 3 of this licence;
- 7.2 must on or before 31 January and 31 July during the term, submit to the Minister a return supplying all of the information described in Schedule 4 of this licence.

8. Public Risk Insurance

The licensee must at its own cost during the term maintain in full force and effect in respect of the site and the permitted use a policy of public risk insurance in the joint names of the licensee

and the Minister. The limits of public risk must not be less than the amount specified in Item 2 of Schedule 3 of this licence, or such other amount as the Minister may from time to time reasonably require. A policy of insurance or copy thereof or a certificate of insurance must be produced by the licensee to the Minister on written request.

9. Guarantee or Indemnity Scheme

The licensee must either:

- 9.1 provide a guarantee from its bankers to the amount specified in Item 3 of Schedule 3; or
- 9.2 contribute to an indemnity scheme established for the aquaculture and fisheries industry and approved by the Minister,

to and in favour of and for the benefit of the Minister by way of security for the due and punctual performance by the licensee of the terms and conditions of this licence and in particular the obligations of the licensee to rehabilitate the site immediately prior to the expiration or sooner determination of the term of this licence. Such guarantee or indemnity scheme must have effect from the date of commencement of the term.

10. No Assignment

The licensee must not assign or sublet or deal in any other way with any interest in this licence.

11. Variation and Cancellation

- 11.1 The Minister may without prior notice vary or cancel this licence immediately during the term for the purposes of preventing or minimising any damage or threat of damage to the environment. For the purpose of this condition the Minister may have regard to but is not limited by the following considerations:
 - 11.1.1 the results of monitoring undertaken pursuant to Clause 4.1.5;
 - 11.1.2 the results of any other monitoring as may from time to time be carried out; or
 - 11.1.3 such other relevant information within the knowledge of the Minister.
- 11.2 Subject to and without limiting Condition 13.1, in the event of breach by the licensee of any term or condition of this licence, the Minister may:
 - 11.2.1 give to the licensee written notice of such breach and the Minister's requirements for rectification thereof; or
 - 11.2.2 cancel this licence for failure to comply with such requirements for rectification.
- 11.3 The Minister may cancel this licence if the licensee is a body corporate, and any of the following occur:
 - 11.3.1 the licensee is unable to pay its debts as and when they fall due or is otherwise insolvent;
 - 11.3.2 an order is made for the winding up or liquidation of the licensee;
 - 11.3.3 the licensee enters into a scheme of arrangement, compromise, moratorium or other form of composition with its creditors or any class of its creditors;
 - 11.3.4 a receiver, a manager or a receiver and manager, a company administrator or other insolvency administrator is appointed to the licensee; or
 - 11.3.5 a mortgagee, chargee or other encumbrancee is appointed over or takes possession of or appoints an agent to take possession of all or any of the licensee's assets.
- 11.4 The Minister may cancel this licence if the licensee is an individual, and the licensee:
 - 11.4.1 becomes bankrupt or assigns its estate or enters into a deed of arrangement or other form of composition for the benefit of the licensee's creditors; or
 - 11.4.2 is convicted of an indictable offence.

- 11.5 Cancellation of this licence by the Minister shall be without prejudice to any rights, remedies or actions that the Minister may have against the licensee in respect of any antecedent breach by the licensee of the terms and conditions contained in this licence.

Granted by the General Manager Aquaculture, delegate for the purposes of section 53 of the Minister responsible for administration of the Fisheries Act 1982, on 10 August 2001.

I. NIGHTINGALE, General Manager Aquaculture

SCHEDULE 1

Item 1—The Site

Area applicable to this licence:

Licensed Area	Licensed Hectare
AGD 66—Zone 53	
532491E 6176002N	1
532562E 6175931N	
532633E 6176002N	
532562E 6176073N	

All *St Andrew's crosses* must be marked with the site's unique 'FM number'; that is the licence number.

Item 2—Marked-off Areas

[Co-ordinates of developed areas within the site to be provided by the licensee].

White buoys of at least 12 inches in diameter must be placed around the whole of the perimeter of the developed areas within the site at a distance of no less than 50 m from one another.

SCHEDULE 2

Item 1—Permitted Species

The Director of Fisheries has, pursuant to section 50 (2) of the Act, issued a permit for the release of the fish specified in this Schedule.

Native Oysters (*Ostrea angasi*)
Pacific Oysters (*Crassostrea gigas*)

Item 2—Permitted Farming Methods

Racks
Longlines

The total length of each unit must not exceed 3 km of longline not less than 3 m apart, or 1 km of racking per hectare, and each unit must be at least 5 m from any other unit.

Item 3—Criteria for Development of Marine Aquaculture Sites

Development must have commenced on the site within 12 months of the licence being issued. The minimum level of development on the site must be:

0.1 ha developed with 0.3 km of BST longline or 0.1 km of racking on the site.

SCHEDULE 3

Item 1—Fees

Annual licence fees are payable as prescribed in the licence renewal.

Item 2—Insurance

Ten million dollars (\$10 000 000).

Item 3—Guarantee

Ten thousand dollars (\$10 000).

SCHEDULE 4

Production Returns

The licensee must submit production returns to the Minister on or before 30 December and 30 June during the term of this licence. The information contained in these returns will be determined by the Minister. These returns must be forwarded to the General Manager, Aquaculture SA, 14th Floor, 25 Grenfell Street, Adelaide, S.A. 5000.

SCHEDULE 5

Environmental Monitoring Program

MATTERS TO BE ADDRESSED

The monitoring program should address the following matters in relation to the permitted use:

Farm Management

1. Approximate layout of all structures on the site during the term including location, number and size.
2. Growth and condition of the permitted species.
3. Occurrence of disease incidents in the permitted species.

Water Quality

1. Phytoplankton including species composition and abundance.
2. Status of the site under the South Australian Shellfish Quality Assurance Program during the term (including closures).

Feral Oysters

Presence and numbers of feral oysters.

Benthic Sediments

Sedimentation through measuring total organic carbon and particle size analysis of sediment samples.

Benthic Fauna and Flora

Benthic macro-flora communities including composition, distribution and abundance.

METHODOLOGY

Video Transects

Video transects should be used to assess broad scale changes in sediment consistency, presence of farming waste and the composition and abundance of macro-flora communities.

Video transects must be collected using equipment capable of producing a clear and well lit image. Transects must extend across the site, including sections under the development, and extend 50 m out both sides of the site. The location of the video transects must be identified on a map attached to the environmental monitoring report. Each transect must be identified on the video with a unique transect number.

Report

The environmental monitoring report must be legible and contain a declaration regarding the authenticity and source of all data and results contained in the report. This declaration must be signed by the licence holder and the person(s) conducting the monitoring program.

The report must include an assessment of the results of the monitoring program against the provisions of the Environment Protection (Marine) Policy 1994, and must be accompanied by all raw data, video footage and diver notes.

SCHEDULE 6

Schedule of Environmental Monitoring Reports

The licensee must submit a final environmental monitoring program report within 12 months of the commencement of this licence to the Minister, c/o General Manager Aquaculture SA, 14th Floor, 25 Grenfell Street, G.P.O. Box 1625, Adelaide, S.A. 5000.

FISHERIES ACT 1982

MARINE MOLLUSC FARMING LICENCE FM00160
(PREVIOUS LICENCE NO. F844)

Licence to Farm Fish under section 53 of the Fisheries Act 1982

THE Minister for Primary Industries and Resources ('the Minister') hereby grants to:

Jeffrey R. Swincer (7592)
Maija Swincer (12253)
14 Wellington Road
Cowell, S.A. 5602

a licence to occupy and use the waters and airspace over the land specified in Item 1 of Schedule 1 of this licence ('the site') for the purpose of farming and taking the permitted species ('the permitted use') for the period commencing on 1 July 2001 and ending, subject to any earlier termination under this licence, on 30 June 2002 ('the term') subject to the following terms and conditions:

CONDITIONS OF THIS LICENCE

1. *Marked-off Areas*

- 1.1 Subject to section 53A of the Fisheries Act 1982, this licence does not entitle the licensee to exclusive rights of entry to and occupation of the site. The rights granted by this licence are exercisable by the licensee in common with any other occupiers of the site from time to time.
- 1.2 For the purposes of section 53A of the Fisheries Act 1982, the marked-off areas within the site are that area or those areas marked-off or indicated in the manner set out in Item 2 of Schedule 1 of this licence.

2. *Permitted Species*

The licensee:

- 2.1 must not farm or introduce any species at the site other than the permitted species referred to in Schedule 2; and
- 2.2 must not take any wild fish from the site except for recreational purposes.

3. *Permitted Use*

The licensee must not use the site for any purpose other than the permitted use.

4. *Permitted Methods*

- 4.1 The licensee must, in undertaking the permitted use, take all reasonable and practicable measures to prevent or minimise damage to the environment. Without limiting the generality of the foregoing, the licensee:
 - 4.1.1 must ensure the total length of each unit does not exceed 3 km of longline or 1 km of racking per hectare, and each unit must be at least 5 m from any other unit;
 - 4.1.2 must not use the anti-fouling chemical tributyltin (TBT) on any equipment used at the site;
 - 4.1.3 must not use any chemical or drug for either therapeutic or prophylactic purpose except with the prior approval of the Minister;
 - 4.1.4 must undertake an environmental monitoring program approved by the Minister and as specified in Clause 4.3;
 - 4.1.5 must not introduce the permitted species to the site before the approval of the environmental monitoring program referred to in 4.1.4 by the Minister;
 - 4.1.6 must comply with the schedule of reporting for the environmental monitoring program as prescribed in Schedule 6 and submit the final results of the environmental monitoring program to the Minister 30 days before expiry of the term of this licence.
- 4.2 *SASQAP*
 - 4.2.1 It is a condition of your licence to farm bivalve molluscs that only shellfish from areas Classified under the South Australian Shellfish Quality Assurance Program (SASQAP) may be sold for human consumption.
 - 4.2.2 The licensee must continue to meet all the regulations required under the Food Standards Code to produce a product safe for human consumption.
- 4.3 The licensee must submit a draft environmental monitoring program to the Minister for approval within 60 days of the grant of the licence by the Minister. The draft environmental monitoring program must include the qualifications and experience of the person(s) designing and undertaking the program and address the matters listed in Schedule 5.

5. *Marking and Maintaining the Site*

The licensee:

- 5.1 must ensure that the site is maintained in a good, tidy and safe condition to the satisfaction of the Minister;
- 5.2 must remove and lawfully dispose of any waste or debris on the site as soon as is reasonably practicable and in particular must comply with any guidelines issued from time to time by the Minister in relation to the removal from the site of any unhealthy or dead fish;
- 5.3 must maintain all buoys, crosses, and markers on the site in good condition and in accordance with the colours specified in Schedule 1 of this licence; and
- 5.4 must mark the site boundary in accordance with the requirements of the Minister for Transport.

6. *Site Inspection and Supervision*

The licensee:

- 6.1 must at all times permit the Minister, his employees, agents or contractors or any employees, agents or contractors of the Crown to enter the site for the purposes of inspecting the site, the sea floor and the flora and fauna on or in the vicinity of the site; and
- 6.2 must comply with all reasonable directions of any such person authorised by the Director of Fisheries to inspect the conduct of the licensee's activities at the site.

7. *Fees and Returns*

The licensee:

- 7.1 must pay to the Minister the licence fee in accordance with Item 1 of Schedule 3 of this licence;
- 7.2 must on or before 31 January and 31 July during the term, submit to the Minister a return supplying all of the information described in Schedule 4 of this licence.

8. *Public Risk Insurance*

The licensee must at its own cost during the term maintain in full force and effect in respect of the site and the permitted use a policy of public risk insurance in the joint names of the licensee and the Minister. The limits of public risk must not be less than the amount specified in Item 2 of Schedule 3 of this licence, or such other amount as the Minister may from time to time reasonably require. A policy of insurance or copy thereof or a certificate of insurance must be produced by the licensee to the Minister on written request.

9. *Guarantee or Indemnity Scheme*

The licensee must either:

- 9.1 provide a guarantee from its bankers to the amount specified in Item 3 of Schedule 3; or
- 9.2 contribute to an indemnity scheme established for the aquaculture and fisheries industry and approved by the Minister,

to and in favour of and for the benefit of the Minister by way of security for the due and punctual performance by the licensee of the terms and conditions of this licence and in particular the obligations of the licensee to rehabilitate the site immediately prior to the expiration or sooner determination of the term of this licence. Such guarantee or indemnity scheme must have effect from the date of commencement of the term.

10. *No Assignment*

The licensee must not assign or sublet or deal in any other way with any interest in this licence.

11. *Variation and Cancellation*

- 11.1 The Minister may without prior notice vary or cancel this licence immediately during the term for the purposes of preventing or minimising any damage or threat of damage to the environment. For the purpose of this condition the Minister may have regard to but is not limited by the following considerations:

- 11.1.1 the results of monitoring undertaken pursuant to Clause 4.1.5;
- 11.1.2 the results of any other monitoring as may from time to time be carried out; or
- 11.1.3 such other relevant information within the knowledge of the Minister.
- 11.2 Subject to and without limiting Condition 13.1, in the event of breach by the licensee of any term or condition of this licence, the Minister may:
- 11.2.1 give to the licensee written notice of such breach and the Minister's requirements for rectification thereof; or
- 11.2.2 cancel this licence for failure to comply with such requirements for rectification.
- 11.3 The Minister may cancel this licence if the licensee is a body corporate, and any of the following occur:
- 11.3.1 the licensee is unable to pay its debts as and when they fall due or is otherwise insolvent;
- 11.3.2 an order is made for the winding up or liquidation of the licensee;
- 11.3.3 the licensee enters into a scheme of arrangement, compromise, moratorium or other form of composition with its creditors or any class of its creditors;
- 11.3.4 a receiver, a manager or a receiver and manager, a company administrator or other insolvency administrator is appointed to the licensee; or
- 11.3.5 a mortgagee, chargee or other encumbrancee is appointed over or takes possession of or appoints an agent to take possession of all or any of the licensee's assets.
- 11.4 The Minister may cancel this licence if the licensee is an individual, and the licensee:
- 11.4.1 becomes bankrupt or assigns its estate or enters into a deed of arrangement or other form of composition for the benefit of the licensee's creditors; or
- 11.4.2 is convicted of an indictable offence.
- 11.5 Cancellation of this licence by the Minister shall be without prejudice to any rights, remedies or actions that the Minister may have against the licensee in respect of any antecedent breach by the licensee of the terms and conditions contained in this licence.

Granted by the General Manager Aquaculture, delegate for the purposes of section 53 of the Minister responsible for administration of the Fisheries Act 1982, on 10 August 2001.

I. NIGHTINGALE, General Manager Aquaculture

SCHEDULE 1

Item 1—The Site

Area applicable to this licence:

Licensed Area	Licensed Hectares
AGD 66—Zone 53	
678233E 6268550N	2.5
678244E 6268297N	
678343E 6268301N	
678332E 6268551N	

All St Andrew's crosses must be marked with the site's unique 'FM number'; that is the licence number.

Item 2—Marked-off Areas

[Co-ordinates of developed areas within the site to be provided by the licensee].

White buoys of at least 12 inches in diameter must be placed around the whole of the perimeter of the developed areas within the site at a distance of no less than 50 m from one another.

SCHEDULE 2

Item 1—Permitted Species

The Director of Fisheries has, pursuant to section 50 (2) of the Act, issued a permit for the release of the fish specified in this Schedule.

Pacific Oysters (*Crassostrea gigas*)

Item 2—Permitted Farming Methods

Longlines

The total length of each unit must not exceed 3 km of longline not less than 3 m apart, or 1 km of racking per hectare, and each unit must be at least 5 m from any other unit.

Item 3—Criteria for Development of Marine Aquaculture Sites

Development must have commenced on the site within 12 months of the licence being issued. The minimum level of development on the site must be:

0.2 ha developed with 0.6 km of BST longline or 0.2 km of racking on the site.

SCHEDULE 3

Item 1—Fees

Annual licence fees are payable as prescribed in the licence renewal.

Item 2—Insurance

Ten million dollars (\$10 000 000).

Item 3—Guarantee

Ten thousand dollars (\$10 000).

SCHEDULE 4

Production Returns

The licensee must submit production returns to the Minister on or before 30 December and 30 June during the term of this licence. The information contained in these returns will be determined by the Minister. These returns must be forwarded to the General Manager, Aquaculture SA, 14th Floor, 25 Grenfell Street, Adelaide, S.A. 5000.

SCHEDULE 5

Environmental Monitoring Program

MATTERS TO BE ADDRESSED

The monitoring program should address the following matters in relation to the permitted use:

Farm Management

1. Approximate layout of all structures on the site during the term including location, number and size.
2. Growth and condition of the permitted species.
3. Occurrence of disease incidents in the permitted species.

Water Quality

1. Phytoplankton including species composition and abundance.
2. Status of the site under the South Australian Shellfish Quality Assurance Program during the term (including closures).

Feral Oysters

Presence and numbers of feral oysters.

Benthic Sediments

Sedimentation through measuring total organic carbon and particle size analysis of sediment samples.

Benthic Fauna and Flora

Benthic macro-flora communities including composition, distribution and abundance.

METHODOLOGY

Video Transects

Video transects should be used to assess broad scale changes in sediment consistency, presence of farming waste and the composition and abundance of macro-flora communities.

Video transects must be collected using equipment capable of producing a clear and well lit image. Transects must extend across the site, including sections under the development, and extend 50 m out both sides of the site. The location of the video transects must be identified on a map attached to the environmental monitoring report. Each transect must be identified on the video with a unique transect number.

Report

The environmental monitoring report must be legible and contain a declaration regarding the authenticity and source of all data and results contained in the report. This declaration must be signed by the licence holder and the person(s) conducting the monitoring program.

The report must include an assessment of the results of the monitoring program against the provisions of the Environment Protection (Marine) Policy 1994, and must be accompanied by all raw data, video footage and diver notes.

SCHEDULE 6

Schedule of Environmental Monitoring Reports

The licensee must submit a final environmental monitoring program report within 12 months of the commencement of this licence to the Minister, c/o General Manager Aquaculture SA, 14th Floor, 25 Grenfell Street, G.P.O. Box 1625, Adelaide, S.A. 5000.

FISHERIES ACT 1982: SECTION 59

TAKE notice that pursuant to section 59 of the Fisheries Act 1982, Tony Lee (hereinafter referred to as the 'exemption holder'), 12 Jenkins Street, Mount Gambier, S.A. 5290, is exempt from sections 34 and 41 of the Fisheries Act 1982, but only insofar as the exemption holder may take Turbo (*Turbo undulatis*) for the purpose of trade or business from South Australian coastal waters (hereinafter referred to as the 'exempted activity') subject to the conditions in Schedule 1 from the date of gazettal of this notice until 31 August 2002, unless revoked or varied earlier.

SCHEDULE 1

1. The exemption holder may only take turbo (*Turbo undulatis*) by diving and collection by hand.

2. The exemption holder may take no more than 200 kilograms of Turbo (*Turbo undulatis*) in any one calendar week.

3. The exemption holder must provide the Director of Fisheries with separate statistical catch and effort information, in the form of a daily log as provided by the Director. The exemption holder must fill out the log every day and send a completed monthly log to the Director no later than the fifteenth day of the following month to the address specified.

4. The exemption holder shall notify the PIRSA Fisheries Compliance Unit on 1800 065 522 prior to conducting the exempted activity with the following information:

- details of the boat that will be used to engage in the exempted activity;
- the intended area of conducting the exempted activity; and
- the intended place and time of launching and retrieval of the nominated boat for that day.

5. PIRSA Fisheries retains the right for a departmental officer to accompany the exemption holder at any time during fishing operations.

6. While engaged in the exempted activity the exemption holder shall carry or have about or near his person a copy of this notice. Such notice must be produced to a PIRSA Fisheries Compliance Officer upon request.

7. The exemption holder shall not contravene or fail to comply with the Fisheries Act 1982, or any regulations made under that Act, except where specifically exempted by this notice.

Dated 27 August 2001.

W. ZACHARIN, Director of Fisheries

FISHERIES ACT 1982: SECTION 59

TAKE notice that pursuant to section 59 of the Fisheries Act 1982, Simon Boakes, c/o A1 Fishing Charters, Port Hughes, 28 Hills Road, Moonta, S.A. 5558 (hereinafter referred to as the 'principal exemption holder'), and the class of persons specified in Schedule 1 (hereinafter referred to as the 'other exemption holders'), are exempt from the bag and boat limit provisions of Clauses 66, 77A, 77C and 77D of Schedule 1 of the Fisheries (General) Regulations 2000, if the number of other exemption holders on the permitted boat exceeds six, subject to the conditions specified in Schedule 2, from the date of gazettal of this notice until 30 June 2002, unless varied or revoked earlier.

SCHEDULE 1

Any person or persons who charter the boat *A1 Fishing Charters* (hereinafter referred to as the 'permitted boat') from the principal exemption holder in South Australia, for the purpose of recreational fishing.

SCHEDULE 2

1. The exemption holders may engage in the taking of no more than one half of the daily bag limit for each species of fish referred to in Clauses 66, 77A, 77C and 77D of Schedule 1 of the Fisheries (General) Regulations 2000, for each exemption holder on board the permitted boat, excluding the principal exemption holder.

2. The principal exemption holder shall not use any other boat other than the permitted boat for the purpose of engaging in the exempted activity.

3. The principal exemption holder shall not accept any fish taken by the other exemption holders as all or part of the consideration for the charter agreement.

4. While engaged in the exempted activity the principal exemption holder shall have in his possession a copy of this notice. Such notice must be produced to a PIRSA Fisheries Compliance Officer if such an officer requests that it be so produced.

5. The principal exemption holder shall not contravene or fail to comply with the Fisheries Act 1982, or any regulations made under that Act except where specifically exempted by this notice.

6. The principal exemption holder shall not cause, suffer or permit any other exemption holder to contravene or fail to comply with the Fisheries Act 1982, or any regulations made under that Act except where specifically exempted by this notice.

Dated 27 August 2001.

W. ZACHARIN, Director of Fisheries

FISHERIES ACT 1982: SECTION 59

TAKE notice that pursuant to section 59 of the Fisheries Act 1982, David Corston (hereinafter referred to as the 'exemption holder'), P.O. Box 2141, Port Lincoln, S.A. 5606 is exempt from sections 34 and 41 of the Fisheries Act 1982, but only insofar as he may take Turbo (*Turbo undulatis*) from South Australian coastal waters (hereinafter referred to as the 'exempted activity'), subject to the conditions in Schedule 1 for the purposes of trade or business, from the date of gazettal of this notice until 30 June 2002, unless revoked or varied earlier.

SCHEDULE 1

1. The exemption holder may take Turbo (*Turbo undulatis*) by diving and collection by hand.

2. The exemption holder may take no more than 200 kg of Turbo (*Turbo undulatis*) in any one calendar week.

3. The exemption holder must provide the Director of Fisheries with separate statistical catch and effort information, in the form of a daily log as provided by the Director. The exemption holder must fill out the log every day and send a completed monthly log to the Director no later than the fifteenth day of the following month to the address specified.

4. The exemption holder shall notify the PIRSA Fisheries Compliance Unit on 1800 065 522 prior to conducting the exempted activity with the following information:

- details of the boat that will be used to engage in the exempted activity;
- the intended area of conducting the exempted activity; and
- the intended place and time of launching and retrieval of the nominated boat for that day.

5. PIRSA Fisheries retains the right for a departmental officer to accompany the exemption holder at any time during fishing operations.

6. While engaged in the exempted activity the exemption holder shall carry or have about or near his person a copy of this notice. Such notice must be produced to a PIRSA Fisheries Compliance Officer upon request.

7. The exemption holder shall not contravene or fail to comply with the Fisheries Act 1982, or any regulations made under that Act, except where specifically exempted by this notice.

Dated 27 August 2001.

W. ZACHARIN, Director of Fisheries

FISHERIES ACT 1982: SECTION 59

TAKE notice that subject to section 59 of the Fisheries Act 1982, those holders of a licence issued pursuant to the Scheme of Management (Abalone Fisheries) Regulations 1991, hereinafter referred to as the 'exemption holders' or their registered masters are exempted from section 44 (2) of the Fisheries Act 1982, but only insofar as the exemption holders shall not be guilty of an offence when taking blacklip abalone (*Haliotis rubra*) that is undersize, from those waters described as Area 1, Area 2, Area 3, and Area 4 in Schedule 1 (hereinafter referred to as the 'exempted activity') subject to the conditions specified in Schedule 2 from 1 September 2001 until 31 August 2002.

SCHEDULE 1

Area 1

Those waters adjacent to the coast of Nene Valley which are contained within a line commencing at the high water mark at position latitude 37°59.3'S, longitude 140°30.7'E, then due south for approximately 2.9 nautical miles to position latitude 38°02.4'S, longitude 140°30.7'E, then generally south-east for approximately 2.7 nautical miles to position latitude 38°04.4'S, longitude 140°34.2'E, then due north for approximately 2.6 nautical miles to high water mark at position latitude 38°01.4'S, longitude 140°34.2'E, then generally north-westerly following high water mark back to the point of commencement.

Area 2

Those waters adjacent to the coast at Brown and Riddoch Bays which are contained between the meridians of longitude 140°45'E and longitude 140°55'E extending seawards for three nautical miles from the high water mark.

Area 3

Those waters of Ringwood Reef bounded by a line commencing at latitude 37°31.95'S, longitude 140°01.3'E, then in generally easterly direction to a point of latitude 37°31.95'S, longitude 140°02.6'E, then in a southerly direction to a point latitude 37°32.5'E, longitude 140°02.6'E, then in generally westerly direction to a point latitude 37°32.3'S, longitude 140°01.3'E, then in a generally northerly direction to the point of commencement.

Area 4

Those waters bounded by a line commencing at the high water mark on Rapid Point latitude 37°55.7'S, longitude 140°23.38'E, then in a generally south-westerly direction to position latitude 37°56'S, longitude 140°21.5'E, then in a generally south-easterly direction to position latitude 37°58.5'S, longitude 140°26'E, then in north-easterly direction to Blackfellows Caves in latitude 37°57'S, longitude 140°28.2'E, then north-westerly direction back to the point of commencement.

SCHEDULE 2

1. Whilst engaged in the exempted activity, the exemption holder may only take blacklip abalone (*Haliotis rubra*) provided that it is not less than 110 mm in length at its greatest dimension. All abalone must be landed in the shell.

2. On any day the exemption holder engages in the exempted activity, each species of abalone (*Haliotis* spp.) must be stored separately.

3. No more than one registered master may engage in the exempted activity on any one day.

4. The exemption holder may conduct the exempted activity in more than one area as defined in Schedule 1 on any one day, provided that a separate notification subject to condition 5 of this schedule has been made for each area prior to conducting any fishing activity in that area.

5. The exemption holder must notify the PIRSA Fisheries Compliance Unit on 1800 244 317 prior to engaging in the exempted activity with the following information:

- (a) the name of the person making the call and the southern zone abalone fishery licence number;
- (b) the name of the registered master who will be conducting the exempted activity on that day;
- (c) the date on which the exempted activity will take place;
- (d) the designated area from Schedule 1 which is to be fished; and
- (e) where the exemption holder is nominating to fish in an additional designated area from the previous nominated designated area on any one day, the exemption holder must wait at least 30 minutes prior to leaving the point from where the nomination was made.

6. In respect of blacklip abalone (*Haliotis rubra*), the exemption holder on completion of the days fishing activity and before landing, must place all abalone within fish bins, keeping blacklip abalone separate from greenlip abalone, and tightly secure the bin lids with the supplied consecutively numbered tags. The total number of bins for that day and the number of the two tags placed on each bin shall be included on the CDR 1. After completing the CDR 1, and within 50 m of landing the white and yellow copies of the CDR 1 shall be secured in the supplied CDR 1 envelope and attached to the bin with the highest numbered tag.

7. In respect of blacklip abalone (*Haliotis rubra*), the exemption holder must make a record in writing immediately at the conclusion of a fishing trip and before the abalone are consigned to a registered fish processor setting out details of the abalone taken during that fishing trip. This record must be completed within 50 m of the point of landing of the catch; and before the catch is consigned to a nominated processor and/or taken onto processor premises where such premises are within 50 m of the point of landing; or at the end of each day of fishing where the catch is not landed on that day. The details of such record shall be recorded on and be such as are sufficient to complete in triplicate a CDR 1 form.

8. All undersize blacklip abalone (*Haliotis rubra*) taken pursuant to this exemption shall be delivered to one of the registered fish processors detailed in Schedule 3 for weighing, within 24 hours of landing, within the State of South Australia.

9. The exemption holder shall not, during the period of this notice, take a combined quantity of undersize blacklip abalone (*Haliotis rubra*) from areas 1, 3 and 4, as described in Schedule 1, which exceeds 5 500 kg wholeweight.

10. The exemption holder shall not, during the period of this notice take a quantity of undersize blacklip abalone (*Haliotis rubra*) from area 2, as described in Schedule 1, which exceeds 1 000 kg wholeweight (in the shell).

11. The permitted weight of undersize blacklip abalone (*Haliotis rubra*) to be taken pursuant to this exemption is non-transferable.

12. The exemption holder shall not intentionally induce weight loss of abalone by any means.

13. The exemption holder shall not contravene or fail to comply with the Fisheries Act 1982, or any other regulations made under that Act except where specifically exempted by this notice.

14. Whilst engaged in the exempted activity the exemption holder must have in their possession a copy of this notice and produce a copy of the notice if required by a PIRSA Fisheries Compliance Officer.

SCHEDULE 3

FP0127 P. T. Kelly, Smiths Road, Port MacDonnell, S.A. 5291	FP0125 Sou-West Seafoods Pty Ltd, P.O. Box 30, Port Fairy, Vic. 3284
FP0171 H. J. York Forum Pty Ltd P.O. Box 785, Mount Gambier, S.A. 5290	FP0435 Moyston Court Fisheries Ltd, Barton Place, Portland, Vic. 3305
FP0005 Dover Fisheries Pty Ltd, 23 Wilson Street, Royal Park, S.A. 5014	

Dated 27 August 2001.

W. ZACHARIN, Director of Fisheries

FISHERIES ACT 1982: SECTION 59

TAKE notice that, pursuant to section 59 of the Fisheries Act 1982, each of the registered fish processors specified in Schedule 1 (hereinafter referred to as the 'exemption holder') is exempted from the provisions of section 44 (2) (a) of the Fisheries Act 1982, in that the exemption holder shall not be guilty of an offence when in possession of blacklip abalone (*Haliotis rubra*) above a minimum length of 110 mm (hereinafter referred to as the 'exempted activity'), subject to the conditions specified in Schedule 2 from this date of gazettal of this notice until 31 August 2002.

SCHEDULE 1

FP0127 P. T. Kelly, Smiths Road, Port MacDonnell, S.A. 5291	FP0125 Sou-West Seafoods Pty Ltd, P.O. Box 30, Port Fairy, Vic. 3284
FP0171 H. J. York Forum Pty Ltd, P.O. Box 785, Mount Gambier, S.A. 5290	FP0435 Moyston Court Fisheries Ltd, Barton Place, Portland, Vic. 3305
FP0005 Dover Fisheries Pty Ltd, 23 Wilson Street, Royal Park, S.A. 5014	

SCHEDULE 2

1. Whilst engaged in the exempted activity, the exemption holder may only possess undersized blacklip abalone taken pursuant to a licence issued pursuant to the Scheme of Management (Abalone Fisheries) Regulations 1991.

2. Whilst engaged in the exempted activity, the exemption holder must weigh all abalone within the State of South Australia, immediately upon receipt.

3. The exemption holder must notify the PIRSA Fisheries Compliance Unit on 1800 244 317 when receiving undersized blacklip abalone and supply the following information:

- the name of the person making the call and the name and address of the processor;
- the time and date of receipt of the undersized blacklip abalone;
- the southern zone abalone fishery licence number from which the abalone was received;
- the total number of fish bins received;
- the tag number attached to each bin;

- the total accurate net and gross weight of each species; and
- the number of the completed CDR1 form attached.

4. When engaging in the exempted activity pursuant to this notice, the exemption holder must wait for a minimum of 30 minutes after notifying PIRSA Fisheries Compliance Unit before removing the numbered tag or lid from any fish bin or before processing the abalone or removing the abalone from the registered premises.

5. The exemption holder, whilst transporting abalone received from a southern zone abalone fishery licence holder, or their registered master, shall not break or remove any numbered tags or lids from any fish bin containing abalone until reaching the nominated registered processing premises.

6. Where an exemption holder is involved in collecting and transporting multiple consignments of abalone, the exemption holder must notify PIRSA Fisheries Compliance Unit on 1800 244 317 upon taking consignment and wait 30 minutes at the collection point prior to transporting the abalone to the nominated registered processing premises.

7. The exemption holder shall not contravene or fail to comply with Fisheries Act 1982, or any regulations made under that Act except where specifically exempted by this notice.

8. Whilst engaged in the exempted activity the exemption holder must have in his possession a copy of this notice and produce a copy of the notice if required by a PIRSA Fisheries Compliance Officer.

Dated 27 August 2001.

W. ZACHARIN, Director of Fisheries

FISHERIES ACT 1982: SECTION 59

TAKE notice that pursuant to section 59 of the Fisheries Act 1982, those holders of a miscellaneous fishery licence, being a licence issued pursuant to the Scheme of Management (Miscellaneous Fisheries) Regulations 1984, shown in Schedule 1 (hereinafter referred to as the 'exemption holder') are exempted from the provisions of Regulation 13 of the Scheme of Management (Miscellaneous Fisheries) Regulations 1984, in that the exemption holder shall not be guilty of an offence when using a registered master, being a person registered by endorsement on a fishery licence pursuant to Division 1, Part 4 of the Fisheries Act 1982, (hereinafter referred to as the 'exempted activity'), subject to the conditions specified in Schedule 2, from the date of gazettal of this notice until 30 June 2002.

SCHEDULE 1

Y027	David J. Buckland, P.O. Box 878, Port Lincoln
Y029	Anthony M. Johnson, 16 Circuit Court, Hendon
Y065	Mark W. Snadden, 277A Esplanade, Seacliff
Y066	Nicholas G. Pluker, 19 Tobruk Terrace, Port Lincoln
Y075	Ellinas Toumazos, 248-250 Grand Junction Road, Athol Park

SCHEDULE 2

1. No more than one other diver may assist the exemption holder in the fishing activity and then only while the registered master is in the water or on board the registered boat.

2. The exemption holder may nominate one registered master to conduct fishing operations pursuant to the miscellaneous fishery licence provided that the application to be registered as the master of a boat is made in writing on a form approved by the Director and is accompanied by the applicant's licence in respect of the fishery.

3. Only one boat may be used at any one time during fishing operations pursuant to this exemption.

4. The exemption holder shall not contravene or fail to comply with the Fisheries Act 1982, or any other regulations made under that Act except where specifically exempted by this notice.

Dated 27 August 2001.

W. ZACHARIN, Director of Fisheries