



PRIMARY INDUSTRIES  
AND RESOURCES SA

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# REGISTER OF CONSULTANTS FOR MARINE AQUACULTURE DEVELOPMENT

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1998-99

PRODUCED BY THE  
AQUACULTURE GROUP OF  
PRIMARY INDUSTRIES AND  
RESOURCES SA



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# REGISTER OF CONSULTANTS FOR MARINE AQUACULTURE DEVELOPMENT

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Produced by  
the Fisheries and Aquaculture  
Group of Primary Industries and  
Resources SA



**PRIMARY INDUSTRIES  
AND RESOURCES SA**



**SOUTH AUSTRALIA  
AQUACULTURE**



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## INTRODUCTION

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*Welcome to the 1998 Register of Consultants for Marine Aquaculture Development. The aquaculture industry contributed approximately 32% of total landed seafood production in South Australia in 1996/97, with farm gate value estimated at more than \$93 m for this period.*

*The aquaculture industry in South Australia is developing at a rapid rate, with expected increases in production leading to increased farm-gate values and employment opportunities.*

*As aquaculture develops, there is a distinct need for the provision of essential services from qualified individuals / companies to assist the industry to develop optimally within legal frameworks.*

*This register will, therefore, assist existing and prospective aquaculturists to identify and locate those individuals/groups/companies which may offer assistance to this growing industry.*

### **How to use this Register**

This Register is divided into several categories, depicting various fields of expertise. Individual consultants have identified and nominated the areas in which they claim expertise.

A complete list of consultants with full contact details can be found at the rear of this guide (page 24). The consultants are listed in alphabetical order.

### **Disclaimer**

*This Register of Consultants for Marine Aquaculture Development has been compiled by the Aquaculture Group of Primary Industries and Resources South Australia using information provided to the Aquaculture Group by the consultants named on the Register. It is important to note that no guarantee is given that the information on the Register is correct or that any consultant listed has the expertise attributed to that consultant. An opinion as to whether the information on the Register is correct can only be given with confidence after a thorough examination of the qualifications and expertise provided by each consultant. No such examination has been carried out. The State of South Australia nor any agency or servant of the Crown will not be liable for any loss or damage occasioned by any person as a result of or arising out of the use of information on this Register.*

### **RELEASE**

I have read and understood the above warning and agree that this notice shall, to the extent permitted by the law, act as a release of the Crown, its servants and agents from any liability in contract or in tort or howsoever, arising out of the use of information on this Register.

I accept the above conditions as conditions upon which I have received a copy of the Register of Consultants for Marine Aquaculture Development.

Signed .....

Date .....

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## FIELD OF EXPERTISE

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<b><i>Marine Aquaculture Proposals</i></b>
ARU AQUATECH PTY LTD
Ashman, Glyn
Australian Water Technologies P/L
Cannon, Jean A
Civil Surveys and Design P/L
DOSAQUA
Hogarth Mayne & Associates
Jamie Botten & Associates
Kinhill
Marine Technologies (India)
Matulich, Garth
Maunsell Pty Ltd
McFarlane, David
Ness, Darren
Nichols, Jason
Planning Advisory Services
PSM Group Consulting Pty Ltd
SARDI
SCP Fisheries Consultants Australia
SmartAqua
South Australian Shellfish
Southpac Aquafarm Services
Thomson Playford Barristers and Solicitors

<b><i>Marine and Coastal Planning Assessment</i></b>
AGC Woodward-Clyde Pty Ltd
ARU AQUATECH PTY LTD
Ashman, Glyn
Australian Water Technologies
Cannon, Jean A
ecoline
Hassell
Jamie Botten & Associates
Kinhill
Magryn, Terry & Associates
Manly Hydraulics Laboratory
Maunsell Pty Ltd
Nichols, Jason
Planning Advisory Services
SARDI
Southpac Aquafarm Services

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## FIELD OF EXPERTISE

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<b><i>Property / Lease Surveying</i></b>
Aquaculture Advantage
ARU AQUATECH PTY LTD
Civil Surveys and Design P/L
DSC Andrew – Surveyors
Fluor Daniel GTI (Australia) PTY LTD
Matulich, Garth
Ness, Darren
Nichols, Jason
SmartAqua

<b><i>Environmental studies</i></b>
AGC Woodward-Clyde Pty Ltd
ARU AQUATECH PTY LTD
Ashman, Glyn
Australian Water Quality Centre
Australian Water Technologies P/L
Cannon, Jean A
Coffey Partners International Pty Ltd
DOSAQUA
ecoline
Envirogen
Fluor Daniel GTI (Australia) PTY LTD
Hassell
Kinhill
Manly Hydraulics Laboratory
Maunsell Pty Ltd
Nichols, Jason
PSM Group Pty Ltd
SARDI
SCP Fisheries Consultants Australia
SmartAqua

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## FIELD OF EXPERTISE

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<b><i>Community Consultation</i></b>
AGC Woodward-Clyde Pty Ltd
Aquaculture Advantage
ARU AQUATECH PTY LTD
Ashman, Glyn
Australian Water Technologies P/L
Cannon, Jean A
DOSAQUA
Ecoline
Envirogen
Fluor Daniel GTI (Australia) PTY LTD
Hassell
Hogarth Mayne & Associates
Kinhill
Manly Hydraulics Laboratory
Matulich, Garth
Maunsell Pty Ltd
Nichols, Jason
Planning Advisory Services
PSM Group Pty Ltd
SARDI
SCP Fisheries Consultants Australia
Shannon Architects
SmartAqua

<b><i>Environmental Monitoring</i></b>
AGC Woodward-Clyde Pty Ltd
Aquaculture Advantage
ARU AQUATECH PTY LTD
Ashman, Glyn
Australian Water Quality Centre
Australian Water Technologies
Cannon, Jean A
Coffey Partners International Pty Ltd
Envirogen
Fluor Daniel GTI (Australia) PTY LTD
Kinhill
Manly Hydraulics Laboratory
Matulich, Garth
Maunsell Pty Ltd
McFarlane, David
Measurement Engineering Australia Pty Ltd
Ness, Darren
Nichols, Jason
SARDI
SmartAqua
University of South Australia

## FIELD OF EXPERTISE

<b><i>Relevant Law and Policy</i></b>
AGC Woodward-Clyde Pty Ltd
ARU AQUATECH PTY LTD
Ashman, Glyn
Australian Water Technologies P/L
Civil Surveys and Design P/L
Coffey Partners International Pty Ltd
ecoline
Fluor Daniel GTI (Australia) PTY LTD
Gryphon Consulting Pty Ltd
Hassell
Hogarth Mayne & Associates
Jamie Botten & Associates
Johnston Withers & Associates Pty Ltd
Kinhill
McFarlane, David
Matulich, Garth
Nichols, Jason
Planning Advisory Services
SARDI
SCP Fisheries Consultants Australia
Southpac Aquafarm Services
Thomson Playford Barristers and Solicitors

<b><i>Project Management</i></b>
AGC Woodward-Clyde Pty Ltd
Aquaculture Advantage
ARU AQUATECH PTY LTD
Ashman, Glyn
Australian Water Technologies P/L
Boston Bay Aquaculture Industries
Cannon, Jean A
Coffey Partners International Pty Ltd
DOSAQUA
ecoline
Envirogen
Fluor Daniel GTI (Australia) PTY LTD
Gryphon Consulting Pty Ltd
Hassell
Hogarth Mayne & Associates
Ian Cook Strategies and Solutions
Jamie Botten & Associates
Kinhill
Manly Hydraulics Laboratory
Matulich, Garth
Maunsell Pty Ltd
Ness, Darren
Nichols, Jason
PSM Group Pty Ltd
SARDI
SCP Fisheries Consultants Australia
Shannon Architects
SmartAqua
South Australian Shellfish
Southpac Aquafarm Services
Thomson Playford Barristers and Solicitors

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## FIELD OF EXPERTISE

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<b><i>Enterprise and Business Plans</i></b>
Aquaculture Advantage
ARU AQUATECH PTY LTD
Australian Water Technologies P/L
DOSAQUA
Cannon, Jean A
ecoline
Gryphon Consulting Pty Ltd
Hogarth Mayne & Associates
Ian Cook Strategies and Solutions
Johnston Withers & Associates Pty Ltd
Kinhill
McFarlane, David
Matulich, Garth
Ness, Darren
Nichols, Jason
PSM Group Pty Ltd
SARDI
SCP Fisheries Consultants Australia
SmartAqua
Southpac Aquafarm Services
Thomson Playford Barristers and Solicitors

<b><i>Marine Aquaculture Technology</i></b>
Aquaculture Advantage
ARU AQUATECH PTY LTD
Ashman, Glyn
Australian Water Technologies P/L
Boston Bay Aquaculture Industries
Bryars, Simon (Dr)
Cannon, Jean A
Coffey Partners International Pty Ltd
DOSAQUA
Imbros Pty Ltd
Kinhill
Marine Technologies (India)
Matulich, Garth
Maunsell Pty Ltd
McFarlane, David
Ness, Darren
Nichols, Jason
PSM Group Pty Ltd
SARDI
SmartAqua
South Australian Shellfish
Southpac Aquafarm Services
University of Australia

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## FIELD OF EXPERTISE

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<b><i>Marine Hydrology/Oceanography</i></b>
ARU AQUATECH PTY LTD
Australian Water Technologies P/L
Bryars, Simon (Dr)
Civil Surveys and Design P/L
ecoline
Imbros Pty Ltd
Kinhill
Manly Hydraulics Laboratory
Nichols, Jason

<b><i>Marine Biology</i></b>
Aquaculture Advantage
ARU AQUATECH PTY LTD
Australian Water Quality Centre
Australian Water Technologies P/L
Bryars, Simon (Dr)
Cannon, Jean A
DOSAQUA
Ecoline
Envirogen
Imbros Pty Ltd
Kinhill
Matulich, Garth
Maunsell Pty Ltd
McFarlane, David
Ness, Darren
Nichols, Jason
SARDI
SmartAqua
Southpac Aquafarm Services
Thomson Playford Barristers and Solicitors



## FIELD OF EXPERTISE

<i>Other</i>	<i>Other</i>
<p><b>AGC Woodward-Clyde Pty Ltd</b> Contingency Plans; Management Plans &amp; Systems; Environmental reporting; Due Diligence and Environmental Audit; Risk Assessment; Data Management.</p>	<p><b>DOSAQUA</b> Extension; Education; Information dissemination; Literature surveys; publishing/editing Austasia Aquaculture; project development/management; farm/operation analysis; risk management etc.</p>
<p><b>AIR CHARTER AUSTRALIA</b> Time critical air travel Australia wide - remote locations. Survey work. Personnel or freight. Twin engine fleet - 5 aircraft size 5-13 passengers. 1 aircraft fitted with freight pod. Low level flying.</p>	<p><b>Envirogen</b> Water/waste water analysis. Drinking water analysis. Human Services. Water quality monitoring. Agriculture water monitoring. Ground water monitoring. Blue-Green algae monitoring. Environmental/Resource management studies.</p>
<p><b>Aquaculture Advantage</b> Plant and equipment – supply of specialist equipment. Training.</p>	<p><b>Fluor Daniel GTI (Australia) PTY LTD</b> Field water quality measurement</p>
<p><b>ARU AQUATECH PTY LTD</b> Commercial evaluation of sites, projects and aquatic species. Pond and tank systems and related technology for hatchery and grow-out culture. Personnel training and management. Research and management for water quality, nutrition and fish diagnostics.</p>	<p><b>Gryphon Consulting Pty Ltd</b> Computer consultant – hardware, software and training.</p>
<p><b>Boston Bay Aquaculture Industries</b> Manufacture and consultancy on marine and freshwater aquaculture recirculation systems.</p>	<p><b>Hassell</b> Have experienced landscape architects and planners are able to provide a holistic and integrated approach to the design and siting of aquaculture facilities.</p>
<p><b>Bryars, Simon (Dr)</b> Plankton sampling.</p>	<p><b>Hogarth Mayne &amp; Associates</b> International Trade. Distribution &amp; Agency Selection. Joint ventures &amp; networking. Government funding program. Quality assurance.</p>
<p><b>Cannon, Jean A</b> Quality Assurance Member of World Aquaculture Society</p>	<p><b>Ian Cook Strategies and Solutions</b> Marketing Financial Management University lecturer Quality Management Systems Industrial Engineer Strategic and business planning</p>
<p><b>Civil Surveys and Design P/L</b> Subdividing property. Legal boundary surveys. Lease surveys. GPS and navigation. Construction surveys.</p>	<p><b>Jamie Botten &amp; Associates</b> Environmental, town planning and development law. Experience in advising clients with respect of the Development Act , 1993, the Environment Protection Act, 1993 and Fisheries Act.</p>

## FIELD OF EXPERTISE

<i>Other</i>
<p><b>Johnston Withers &amp; Associates Pty Ltd</b> (Joint) venture legal work, including due diligence (legal), creation of (jv) structure and documentation and compliance work (legal).</p>
<p><b>Kinhill</b> Qualified divers; fully equipped vessels; GPS and GIS systems; advanced data base designs.</p>
<p><b>Marine Technologies (India)</b> Technical consultancy for shrimp (P. monodon) Preparation of HACCP plan for fish and shrimp culture farms and sea food processing units.</p>
<p><b>Matulich, Garth</b> Open class boiler certificate. Local government – works supervisors certificate.</p>
<p><b>Manly Hydraulics Laboratory</b></p> <ul style="list-style-type: none"> <li>• dam engineering.</li> <li>• water supply and wastewater engineering.</li> <li>• information technology.</li> <li>• remote sensing.</li> <li>• structural engineering.</li> <li>• architectural work.</li> <li>• landscaping.</li> </ul>
<p><b>Maunsell Pty Ltd</b> Maritime Structures. Engineering.</p>
<p><b>McFarlane, David</b> Building industry procedures. General aquaculture requirements.</p>
<p><b>Measurement Engineering Australia Pty Ltd</b> Environmental monitoring systems – tuna farming. Instrumentation / project design / management.</p>

<i>Other</i>
<p><b>Nichols, Jason</b> Broad experience in salt water and freshwater aquaculture. Qualified commercial diver. Extensive aquaculture research experience. Experience in compliance/regulation required for aquaculture. Extensive industry network.</p>
<p><b>SARDI</b> Literature Searches: SARDI has the State's most most comprehensive aquaculture and fisheries library, an up-to-date CD-ROM based computerised search system and interlibrary loan facility. Aquarium and Tank Facilities: SARDI has a comprehensive freshwater and marine research system in South Australia. Accommodation: SARDI can also offer on site cabin accomodation to collaborating scientists.</p>
<p><b>Sbec Marine Technology;</b></p> <ul style="list-style-type: none"> <li>• Specialising in the use of technology and electronics in marine applications.</li> <li>• Supply of remotely operated vehicles.</li> <li>• Video systems and cameras.</li> <li>• Imaging and profiling sonar.</li> <li>• Tracking systems.</li> <li>• Underwater laser ranging.</li> </ul>
<p><b>Shannon Architects</b> Architectural, planning and project management feasibility studies. Concept plans &amp; design. Studies of environmental and control aspects of development. Budget cost planning.</p>
<p><b>Southpac Aquafarm Services</b> Research; problem solving/trouble shooting; feasibility studies; project assessment; training.</p>

## CONSULTANT PROFILES

<b>Name:</b>	<b>AGC Woodward-Clyde</b>
Address:	25 North Tce Hackney SA 5069
Email:	hrmark10@wcc.com
Telephone:	08 8366 0080
Facsimile:	08 8366 0081
Qualifications:	Multiple degrees Planning, Science
Expertise:	Multi-disciplinary Environmental Consultancy

<b>Name:</b>	<b>ARU AQUATECH PTY LTD</b>
Address:	PO Box 160, Marden SA 5070
Email:	arumugam@ozemail.com.au
Telephone:	08 8363 1982
Facsimile:	08 8363 1982
Qualifications:	Multiple degrees - Science
Expertise:	Aquaculture & Aquatic Technology and Ecology

<b>Name:</b>	<b>Air Charter Australia</b>
Address:	14 James Schofield Drive Adelaide Airport PO Box 221, Stirling SA 5152
Email:	airchart@mailhost.world.net
Telephone:	08 8234 4144 1800 623944
Facsimile:	08 8234 3763
Qualifications:	Air operators certificate – QA9002
Expertise:	Air travel – ad hoc charter

<b>Name:</b>	<b>Ashman, Glyn</b>
Address:	44 Sutton Ave Seacombe Gardens SA 5047
Email:	
Telephone:	08 8296 2789
Facsimile:	
Qualifications:	Natural Resource Management
Expertise:	Project Officer

<b>Name:</b>	<b>Aquaculture Advantage</b>
Address:	158 Dawkins Rd Lewiston SA 5501 PO Box 582, Two Wells SA 5501
Email:	aquaculture@technologist.com
Telephone:	0885 243 962
Facsimile:	0885 243 962
Qualifications:	Master of Aquaculture
Expertise:	Management of aquaculture activities.

<b>Name:</b>	<b>Australian Water Quality Centre</b>
Address:	Private Mail Bag 3, Salisbury SA 5108
Email:	tom.lunn@sawater.sa.gov.au
Telephone:	08 8259 0256
Facsimile:	08 8259 0228
Qualifications:	Multiple degrees - Science
Expertise:	Marine biology, environmental and water quality studies.

## CONSULTANT PROFILES

<b>Name:</b>	<b>Australian Water Technologies Pty Ltd (AWTP/L)</b>
<b>Address:</b>	68 Ricketts Road Mt Waverley VIC 3149 Private Bag 1, Mt Waverley VIC 3149
<b>Email:</b>	wayned@wes.com.au n.oconnor@wes.com.au
<b>Telephone:</b>	03 95501000
<b>Facsimile:</b>	03 95437372
<b>Qualifications:</b>	Various postgraduate qualifications in aquaculture, fish pathology, ecotoxicology, oceanography, modelling, biology. Water quality, fish and public health microbiology, coastal planning, project management, system and engineering design.
<b>Expertise:</b>	Aquatic science, environmental management and aquaculture

<b>Name:</b>	<b>Boston Bay Aquaculture Industries</b>
<b>Address:</b>	PO Box 2143, Port Lincoln SA 5606
<b>Email:</b>	
<b>Telephone:</b>	08 8683 3388
<b>Facsimile:</b>	08 8682 6358
<b>Qualifications:</b>	
<b>Expertise:</b>	Recirculation systems

<b>Name:</b>	<b>Bryars, Simon (Dr)</b>
<b>Address:</b>	22 First Avenue Bridgewater SA 5155
<b>Email:</b>	briannej@camtech.net.au
<b>Telephone:</b>	08 83393703
<b>Facsimile:</b>	
<b>Qualifications:</b>	BSc (Hons) Zoology & Botany PhD Marine Biology
<b>Expertise:</b>	Marine Biology

<b>Name:</b>	<b>Cannon, Jean A</b>
<b>Address:</b>	PO Box 64, Yorketown SA 5576 Lot 4 Moorowie Tce, Port Moorowie
<b>Email:</b>	petejean@netyp.com.au
<b>Telephone:</b>	08 8852 1622
<b>Facsimile:</b>	08 8852 1412
<b>Qualifications:</b>	Multiple degrees in Science
<b>Expertise:</b>	Marine science, research, aquaculture, management planning.

<b>Name:</b>	<b>Civil Surveys and Design Pty Ltd</b>
<b>Address:</b>	9 Walkerville Terrace Gilberton SA 5081 PO Box 75, Walkerville SA 5081
<b>Email:</b>	civsurv@senet.com.au
<b>Telephone:</b>	08 8344 8076
<b>Facsimile:</b>	08 8344 5055
<b>Qualifications:</b>	Licensed surveyors Members of numerous Associations and Institutions
<b>Expertise:</b>	Licensed and Engineering Surveyors

## CONSULTANT PROFILES

<b>Name:</b>	<b>Coffey Partners International Pty Ltd</b>
Address:	14B Henley Beach Road, Mile End SA 5031
Email:	kwiebe@adelaide@coffey.com.au
Telephone:	08 8352 1744
Facsimile:	08 8234 0932
Qualifications:	BA & MA Engineering Member various Engineering Institutions
Expertise:	Environmental Engineer

<b>Name:</b>	<b>DOSAQUA / OZEFISH</b>
Address:	PO Box 120 Henley Beach SA 5022
Email:	dos@ozefish.com.au
Telephone:	08 8200 2490
Facsimile:	08 8200 2491
Qualifications:	Bachelor of Science (Honours) Member various aquaculture associations
Expertise:	Aquaculture consulting, extension, education

<b>Name:</b>	<b>DSC Andrew Pty Ltd</b>
Address:	276 Flinders St Adelaide SA 5000 PO Box 7048 Hutt Street SA 5000
Email:	
Telephone:	08 8232 1954 (Adelaide) 0885 524480 (Victor Harbor)
Facsimile:	08 8232 7678 (Adelaide ) 0885 523 555 (Victor Harbor)
Qualifications:	Licensed surveyors – various degrees. Member of Institute of Surveyors. Member of the Association of Consulting Surveyors. Member Urban Development Institute of Australia
Expertise:	Surveyors

<b>Name:</b>	<b>Ecoline</b>
Address:	PO Box 174 Campbelltown SA 5074
Email:	ecoline@senet.com.au
Telephone:	08 83545102 0411667533
Facsimile:	08 8443 8066
Qualifications:	Bachelor Applied Science (Environmental Management)
Expertise:	Environmental management

## CONSULTANT PROFILES

<b>Name:</b>	<b>Envirogen</b>
Address:	Hazelwood Road Traralgon VIC 3844 PO Box 1956 Traralgon VIC 3844
Email:	envirogen@net-tech.com.au
Telephone:	03 51721555
Facsimile:	03 51749320
Qualifications:	NATA accredited ISO 9002
Expertise:	Environmental monitoring / consultation

<b>Name:</b>	<b>Fluor Daniel GTI (Australia) Pty Ltd</b>
Address:	1/410 Churchill Rd Kilburn SA 5084
Email:	adladmin@gta.com.au
Telephone:	08 8262 4414
Facsimile:	08 8262 4438
Qualifications:	
Expertise:	Property/lease surveying, environmental studies, community consultation, environmental monitoring

<b>Name:</b>	<b>Gryphon Consulting Pty Ltd</b>
Address:	49 Wills St Largs Bay SA 5016
Email:	gekko@dove.net.au
Telephone:	08 8341 5106 0411419213
Facsimile:	08 82423369
Qualifications:	Master of Business Administration BA Legal Studies & Psychology
Expertise:	Implementation and project management. Business planning. Computer skills.

<b>Name:</b>	<b>Hassell Pty Ltd</b>
Address:	Level 5, 70 Hindmarsh Square Adelaide SA 5000
Email:	ahassell@camtech.net.au
Telephone:	08 8203 5222
Facsimile:	08 8203 5200
Qualifications:	Multiple degrees – Science & Planning Qualifications in Engineering, Economics, Education, Geography and Management
Expertise:	Landscape Architecture, Community Consultation, Statutory Planning, Environmental Management

<b>Name:</b>	<b>Hogarth Mayne and Associates</b>
Address:	28 Greenhill Rd Wayville SA 5034 PO Box 50 Glenside SA 5065
Email:	lima@camtech.net.au
Telephone:	08 8271 9888 0419379999
Facsimile:	08 8379 9999
Qualifications:	PhD Market Research and International Trade Master of Health Planning, Bachelor of Business
Expertise:	Business, Management and Export Consultants

## CONSULTANT PROFILES

<b>Name:</b>	<b>Ian Cook Strategies and Solutions</b>
<b>Address:</b>	187 Fullarton Rd Dulwich SA 5065 PO Box 244 Kent Town SA 5071
<b>Email:</b>	iccookie@camtech.net.au
<b>Telephone:</b>	08 8332 0233 0418 803 335
<b>Facsimile:</b>	08 8431 4699 08 8381 5376
<b>Qualifications:</b>	MBA; Diploma Industrial Engineering; Diploma Management Services
<b>Expertise:</b>	Management consultant

<b>Name:</b>	<b>Jamie Botten and Associates</b>
<b>Address:</b>	"Angas Mews" 75a Angas St Adelaide SA 5000 GPO Box 2648 Adelaide SA 5001
<b>Email:</b>	jbotten@ozemail.com.au
<b>Telephone:</b>	08 8223 7877
<b>Facsimile:</b>	08 8232 0669
<b>Qualifications:</b>	Multiple degrees in Law Qualifications in planning
<b>Expertise:</b>	Environmental, town planning and property development law

<b>Name:</b>	<b>IMBROS Pty Ltd</b>
<b>Address:</b>	7 Chesterman Street Moonah, Hobart Tasmania 7009 PO Box 427 Moonah Hobart Tasmania 7009
<b>Email:</b>	imbros@ozemail.com.au
<b>Telephone:</b>	03 62731300 1800 030 622
<b>Facsimile:</b>	03 62731824
<b>Qualifications:</b>	BSc Marine Biology Grad. Dip Applied Science Aquaculture
<b>Expertise:</b>	Marine Aquaculture Technology Marine Hydrology/oceanography

<b>Name:</b>	<b>Johnston Withers &amp; Associates Pty Ltd (Barristers and Solicitors)</b>
<b>Address:</b>	170 South Tce Adelaide SA 5000
<b>Email:</b>	mail@johnstonwithers.com.au
<b>Telephone:</b>	08 8231 1110
<b>Facsimile:</b>	08 8231 4063
<b>Qualifications:</b>	Member of Law Society of SA, Law Council of Australia and Law Asia Committee of Law Society
<b>Expertise:</b>	Solicitors

## CONSULTANT PROFILES

<b>Name:</b>	<b>Kinhill Pty Ltd</b>
<b>Address:</b>	186 Greenhill Rd Parkside SA 5063 GPO Box 2702 Adelaide SA 5001
<b>Email:</b>	kinhill@halliburton.com
<b>Telephone:</b>	08 8301 1234
<b>Facsimile:</b>	08 301 1301
<b>Qualifications:</b>	Multiple degrees in Engineering, Planning and Science
<b>Expertise:</b>	On-land and on-water development of marine aquaculture. Planning, engineering and science

<b>Name:</b>	<b>Magryn, Terry and Associates</b>
<b>Address:</b>	88 Partridge St Glenelg South 5045
<b>Email:</b>	tmagryn@cobweb.com.au
<b>Telephone:</b>	08 8295 8677 015 713 712
<b>Facsimile:</b>	08 8295 8677
<b>Qualifications:</b>	Multiple degrees – Engineering
<b>Expertise:</b>	Coastal Engineering

<b>Name:</b>	<b>Manly Hydraulics Laboratory</b>
<b>Address:</b>	110B King St Manly Vale NSW 2093
<b>Email:</b>	
<b>Telephone:</b>	02 9949 0200
<b>Facsimile:</b>	02 9948 6185
<b>Qualifications:</b>	Multiple degrees – Engineering, Water Quality Monitoring
<b>Expertise:</b>	Environmental monitoring in the coastal zone

<b>Name:</b>	<b>Marine Technologies</b>
<b>Address:</b>	43-B M.G. Road, Sastri Nagar, Chennai – 600041, India
<b>Email:</b>	whsl@md2.vsnl.net.in
<b>Telephone:</b>	91- 44 - 4917371 / 4913509
<b>Facsimile:</b>	91 – 44 - 4913591
<b>Qualifications:</b>	Master of Science Marine Biology Member various associations
<b>Expertise:</b>	Technical consultants for shrimp hatchery and farming

<b>Name:</b>	<b>Matulich, Garth (Mr)</b>
<b>Address:</b>	63 Happy Valley Rd Port Lincoln SA 5606 Box 93 Port Lincoln SA 5606
<b>Email:</b>	
<b>Telephone:</b>	08 86833494 08 86820644
<b>Facsimile:</b>	
<b>Qualifications:</b>	Diploma and Certificate in Aquaculture
<b>Expertise:</b>	Lecturer

## CONSULTANT PROFILES

<b>Name:</b>	<b>Maunsell Pty Ltd</b>
Address:	Level 6 100 Pirie Street Adelaide 5000
Email:	reception@maunsell-adl.com.au tnau@maunsell-adl.com.au
Telephone:	08 8236 2222
Facsimile:	08 8232 0936
Qualifications:	Multiple degrees in Science and Engineering. Other qualifications in Management, Business Administration.
Expertise:	Consulting engineers, planners, environmental scientists and project managers

<b>Name:</b>	<b>McFarlane, David Hugh (Mr)</b>
Address:	PO Box 2374 Port Lincoln SA 5606
Email:	
Telephone:	08 86842009 08 86846001
Facsimile:	
Qualifications:	Diploma in Aquaculture
Expertise:	Abalone husbandry

<b>Name:</b>	<b>Measurement Engineering Australia Pty Ltd</b>
Address:	27 Rowland Road Magill SA 5072
Email:	meaust@ozemail.com.au
Telephone:	08 8332 9044
Facsimile:	08 8332 9577
Qualifications:	Engineers
Expertise:	Environmental monitoring

<b>Name:</b>	<b>Ness, Darren (Mr)</b>
Address:	Section 585, North Gully Road Tickera Bay SA 5555 PO Box 17, Kadina SA 5554
Email:	
Telephone:	08 88212181 014410849
Facsimile:	08 88213068
Qualifications:	
Expertise:	Integration of aquaculture and hydroponics. Developing small scale intensive land based aquaculture projects, incorporating waste treatment and recirculation strategies.

<b>Name:</b>	<b>Nichols, Jason (Mr)</b>
Address:	13 Wainhouse St Torrensville SA 5031
Email:	
Telephone:	08 83541727 0418810074
Facsimile:	
Qualifications:	Bachelor of Science (Marine biology) Bachelor of Science – Honours (Aquaculture)
Expertise:	Marine Biology - Network marine biology consultant

## CONSULTANT PROFILES

<b>Name:</b>	<b>Planning Advisory Services</b>
Address:	5 King St Gawler SA 5118
Email:	paspas@bigpond.au
Telephone:	08 85226999
Facsimile:	08 85226126
Qualifications:	Member Royal Australian Planning Institute
Expertise:	Town Planning

<b>Name:</b>	<b>PSM Group Pty Ltd</b>
Address:	Level 1 277 Centre Road Bentleigh Victoria 3204
Email:	mel@psmconsulting.com.au
Telephone:	03 9563 9531
Facsimile:	03 9563 9275
Qualifications:	Multiple degrees – Science Member various aquaculture associations
Expertise:	Seafood industry consultants, with specific skills in aquaculture production, seafood processing, seafood marketing and seafood industry development.

<b>Name:</b>	<b>SBec Marine Pty Ltd</b>
Address:	58 The Promenade Mt Pleasant WA 6153 PO Box 926 Canning Bridge WA 6153
Email:	
Telephone:	08 9316 3889 0419 299 345
Facsimile:	08 9316 3389
Qualifications:	Bachelor of Engineering Masters Degree in Business
Expertise:	Electronic engineer, specialising in video systems and remotely operated vehicles

<b>Name:</b>	<b>SCP Fisheries Consultants Australia</b>
Address:	Level 10, 80 Mount Street North Sydney NSW 2060 PO Box 1731 North Sydney NSW 2060
Email:	sckscp@acay.com.au
Telephone:	02 99661916
Facsimile:	02 99661917
Qualifications:	Multiple degrees - Science Member of Australian Institute of Agricultural Science and Technology. Member of the Australian Association of Agricultural Consultants
Expertise:	Provision of specialist skills and knowledge in commercial fish catching, handling, marketing, fisheries management and aquaculture

<b>Name:</b>	<b>Shannon Architects</b>
Address:	54 Prospect Rd Prospect SA 5082
Email:	
Telephone:	08 83442933
Facsimile:	08 83442913
Qualifications:	Architecture
Expertise:	Architectural project management and planning. Feasibility studies. Concept design and planning.

## CONSULTANT PROFILES

<b>Name:</b>	<b>SmartAqua</b>
Address:	PO Box 1962 Port Lincoln SA 5606
Email:	smartaq@terra.net.au
Telephone:	08 86830712
Facsimile:	As above
Qualifications:	Multiple degrees in Science and Aquaculture
Expertise:	Aquaculture and fishing industries. Development of aquaculture technology, management and marketing.

<b>Name:</b>	<b>South Australian Shellfish</b>
Address:	16 Gothic Rd Bellevue Heights SA 5050
Email:	sashellfish@pickknowl.com.au
Telephone:	08 8278 4883
Facsimile:	As above
Qualifications:	Diploma of Applied Science (Aquaculture)
Expertise:	Marine aquaculture proposals, project management, marine aquaculture technology, water quality.

<b>Name:</b>	<b>South Australian Research and Development Institute (SARDI)</b>
Address:	2 Hamra Avenue West Beach SA 5024 PO Box 120 Henley Beach SA 5022
Email:	clarke.steven@pi.sa.gov.au
Telephone:	08 8200 2400 08 8200 2443
Facsimile:	08 8200 2481
Qualifications:	South Australian government research agency. Registered R & D provider with AusIndustry. Participant in the national Cooperative Research Centre for Aquaculture.
Expertise:	Scientific and technical advice associated with compliance, licensing, management, policy and resource allocation issues. Research and development associated with animal husbandry, breeding, environmental auditing, monitoring and assessment, genetics, nutrition and system design.

<b>Name:</b>	<b>Southpac Aquafarm Services</b>
Address:	C/- Mr A Martin – Chartered Accountant 283 Wakefield St Adelaide SA 5000
Email:	tomcoote@hello.net.au
Telephone:	08 83510119 0414 809 251
Facsimile:	08 83510119
Qualifications:	Multiple degrees - Science
Expertise:	Site and species selection, site development, staffing, technical support, lecturing, support network

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## CONSULTANT PROFILES

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<b>Name:</b>	<b>Thomson Playford Barristers and Solicitors</b>
Address:	101 Pirie Street Adelaide SA 5000 GPO Box 1663, Adelaide SA 5001
Email:	info@thomson-playford.com.au bwaltrut@thomson-playford.com.au berniewalrut@fisheries.com
Telephone:	08 8236 1300
Facsimile:	08 82321961
Qualifications:	Multiple degrees in law, aquaculture, and economics
Expertise:	Commercial and public law. Provision of a wide range of legal services to major corporations, institutions and individuals including public sector institutions at Federal, State and Local Government levels.

<b>Name:</b>	<b>University of South Australia (Agricultural Machinery Research and Design Centre)</b>
Address:	Warrendi Road Mawson Lakes SA 5095
Email:	david.moser@unisa.edu.au yuri.obst@unisa.edu.au
Telephone:	08 8302 3614 08 8302 3501
Facsimile:	08 8302 3380
Qualifications:	Multiple degrees in Engineering
Expertise:	Process and equipment design for sorting, sizing and separating aquatic produce, water monitoring and waste stream cleaning

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## AQUACULTURE INDUSTRY REPRESENTATIVES

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**The Aquaculture Management Committee (AMC)** provides a link between the State Government and the industry.

Each sector of the industry, SARDI and PIRSA's Aquaculture Group are represented on the AMC.

Members meet regularly to discuss issues such as aquaculture development, quality assurance, strategic plans, policy and regulations.

Members of the AMC are :

### **Chairman**

Malcolm Hill  
Kemsec Management Services  
Unit 4, 128 Fullarton Road  
NORWOOD SA 5067  
Tel: 08 8364 1943  
Mob: 0419 900 364  
Fax: 08 8364 4851  
Email: mhill@camtech.com.au

### **SA Marine Finfish**

#### **Farmers**

#### **Association**

Rod Fairclough  
Spencer Gulf Aquaculture Pty Ltd  
PO Box 364  
Whyalla SA 5600  
Tel: 08 8645 3066  
Mob 014 673 562

### **Australian Freshwater**

#### **Crayfish Growers**

#### **Association – SA**

Keith Keen  
Keen Consulting Pty Ltd  
14 Wyndham Drive  
Coromandel Valley SA 5051  
Tel: 08 8370 6881  
Fax: 08 8370 6881  
Mob: 018 832 983  
Email: keencon@camtech.net.au

### **SA Oyster Growers**

#### **Association**

Mike Whillas  
PMB 49  
Port Lincoln SA 5606  
Tel: 08 8684 5026  
Fax: 08 8684 5013  
Mob: 015 511 389

### **Tuna Boat Owners**

#### **Association of Australia**

Brian Jeffriess  
President  
1 Markey Street  
Eastwood SA 5063  
Tel: 08 8373 2507  
Fax: 08 8373 2508  
Mob: 0419 840 299

### **SA Abalone Growers Association**

Jim Morrison  
South Australian Mariculture  
C/- PO Box 2260  
Port Lincoln SA 5606  
Tel: 08 8684 3669  
Fax: 08 8684 3571

### **Lobster Growers**

#### **Association of SA**

Andrew Ferguson  
Box 800  
Victor Harbor SA 5211  
Tel: 08 8552 5521  
Fax: 08 8552 2660

### **SA Mussel Growers Association**

Grant Birrell  
A Raptis & Sons  
PO Box 182  
Hindmarsh SA 5007  
Tel: 08 8346 8171  
Fax: 08 8340 2272  
Mob: 019 405 265

### **Barramundi Farmers**

#### **Association – SA**

David Stanhope  
Robarra  
PO Box 24  
Robe SA 5276  
Tel 08 8768 2642  
Fax: 08 87682540