Job Title:	Stock Assessment Scientist		
Department:	Natural Resources	Section:	Scientific
Reports to:	Senior Stock Assessment Scientist		
Grade:	Falkland Islands Government Grade - C	Job Code:	TBC

Overall Purpose of the Role

To undertake stock assessments of commercially important fishery species and provide timely scientific advice to the Falkland Islands Government for long-term sustainable management of the fisheries.

Main Accountabilities

- Lead/support stock assessments of commercial fishery species in Falkland Islands waters using modern statistical methods.

- Conduct analyses of catch and effort, size composition, age and growth, size at maturity, and tagging data for inputs of stock assessment modelling.

- Based on assessments and analyses, set out recommendations and options to secure the long-term sustainability of resources, while maximising the economic return from the fishery.

- Contribute to research and development of stock assessment methods, and new modelling approaches as required.

- Design and participate in Fisheries Department research surveys with particular focus on requirements of stock assessment.

- Produce information on the fishery and status of stocks for a wide audience, including peer review publications/conferences, presentations and reports to the fishing industry, the general public, and other stakeholders.

The job description is not an exclusive or exhaustive definition of your duties. You shall undertake such additional or other duties as may reasonably be required by FIG commensurate with your role and grade.

Additional Information

This post sits within the Natural Resources Department which is a FIG division monitoring stock, development and handling of the Falkland Islands living resources. Agriculture, Biosecurity, Veterinary Services, Fisheries and Maritime are combined under the roof of the institution.

The combined work of all section of the department aims to secure a balance between profitable economy and stable populations over long term.

Person Specification:	Stock Assessment Scientist		
Criteria	**Essential**	**Desirable**	**Assessment Method**
Knowledge, Skills & Experience			
Ability to apply standard fish stock assessment techniques and develop new approaches.	✓		A/I/R
High degree of IT literacy.	✓		A/I
High level of competence with modern statistical methods.	✓		A/I/R
Ability to produce reports and scientific papers in English.	✓		A/I/R
Understanding of commercial fisheries issues.	✓		A/I
Good publication record (refereed papers preferred but technical reports/grey literature also relevant).	✓		I
Experience in one or more of the following areas: mathematical or statistical modelling, fisheries acoustics, spatial statistics, GIS, database design.		✓	A/R
At least two years' experience of fisheries data analysis. Strong understanding of data collection, management and quality issues.		✓	A/I/R
Experience of assessment working groups.		✓	A/I
Foreign language abilities, especially Spanish.		✓	A/I
Personal Attributes:			
Ability to function as a member of a small interdisciplinary team.	✓		A/I
Flexibility and willingness to take on new / additional tasks.	✓		I/R
Ability to learn new skills.	✓		I
Ability to meet deadlines.	✓		I/R
Alignment with FIG's Core Values – Diverse, Professional, Resilient & Resourceful	✓		A/I/R

Person Specification:	Stock Assessment Scientist			
Criteria		**Essential**	**Desirable**	**Assessment Method**
Qualifications & Training				
PhD Level (or equivalent) in an appropriate biological, fisheries or mathematical discipline, or significant relevant work experience in a stock assessment role.		✓		A
Training in fisheries stock assessment or other relevant disciplines, such as population dynamics.		✓		A
Training in one or more of the following areas: mathematical or statistical modelling, fisheries acoustics, spatial statistics, GIS, database design.			✓	A/I/R
Note to Applicants: Please ensure that you demonstrate your ability to meet the requirements of the job in your application form by giving clear, concise examples of how you meet each criterion.				

Method of assessment:

A - Application Form

I - Selection Interview

R – Reference