JOB DESCRIPTION

POST TITLE	Software Engineer		
DIVISION/DEPARTMENT	Science Division, Data Analysis Software Group		
REPORTS TO	Senior Software Scientist	GRADE	5

AIM

To work closely with existing software and management staff to support and develop web based information management systems, meeting the requirements of the beamline scientists, scientific directors and users in a timely manner.

ACCOUNTABILITIES

- Working with the beamline scientists and the data analysis team to identify and define requirements for information management software.
- Work with the software team to enable the integration of analysis and visualization software tools and results within the information management process.
- Management and implementation of required software including appropriate documentation and project plans.
- Technical expertise in software techniques and tools for web based development.
- Use scientific and technical knowledge to understand and implement requirements in web based user interfaces and database systems.
- Implement appropriate software testing regimes as part of the development and acceptance process.
- Support ongoing development and maintenance of database schemas for the information management system
- Support collaboration meetings across multidisciplinary teams from geographically separated locations and international institutions.

Because of the changing nature of our business your job description will inevitably change. You will, from time to time, be required to undertake other activities of a similar nature that fall within your capabilities as directed by management.