

Challenge

The North Caspian Operating Company (NCOC) acts on behalf of the seven contracting companies as the operator appraising and developing the hydrocarbon assets of all 11 offshore blocks defined under the NCPISA. GIS plays a major role in the project. Exprodat was chosen to deliver GIS support to the venture.

Solution

Exprodat provides a range of GIS services including hosted spatial data management and QC, secure data dissemination to stakeholder companies and spatial portal development.

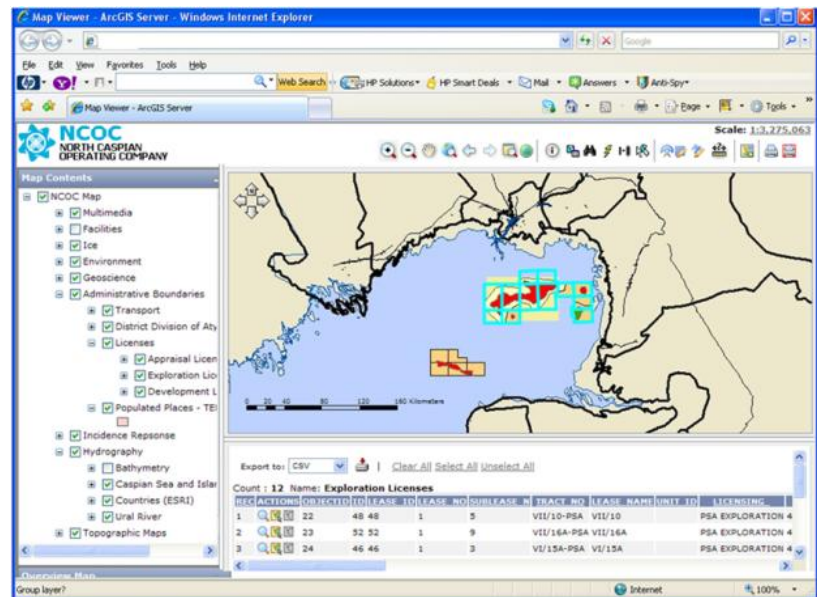
Results

Exprodat's GIS services ensure timely access to high quality spatial data to all stakeholders, and helps the venture meet its contractual commitments to the Republic of Kazakhstan.



Managing a consortium's spatial data

The Kashagan field is the largest outside of the Middle East. NCOC oversees all activities associated with the development project; manages planning, coordination, reservoir modelling, conceptual studies, appraisal plans, early development plans and external interfaces for the venture. GIS is used across the entire project cycle, particularly around environmental monitoring and engineering design.



Exprodat's services

Exprodat delivers a wide range of GIS services to the various stakeholders via NCOC, including:

- Data QC, loading, back-up and recovery
- Data quality control & standards implementation
- Data aggregation and map product generation
- Task automation
- Development of best practices
- Secure stakeholder data access via a custom ArcGIS Server-based portal

A dedicated service team is based in the UK and Paris, with plans to migrate the service to Kazakhstan. Exprodat also provides specialist resources for supporting projects, as well as strategic advice to the consortium on all aspects of GIS.

