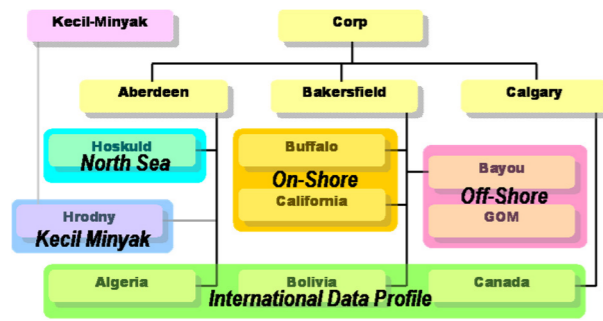# BigOil - Aberdeen
Information Landscape

Organisation
Within the Aberdeen location there are three different ways of handling data, here identified as "North Sea", "Kecil Minyak" and "International".
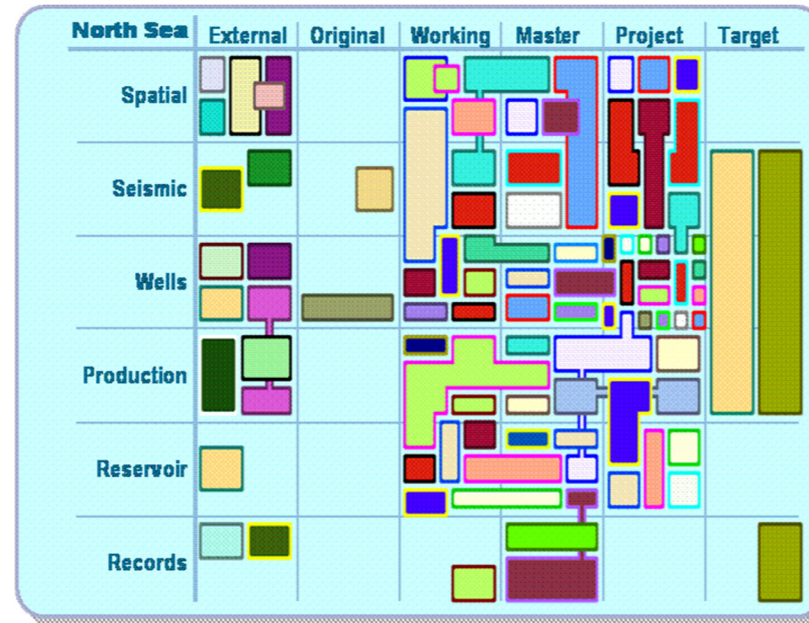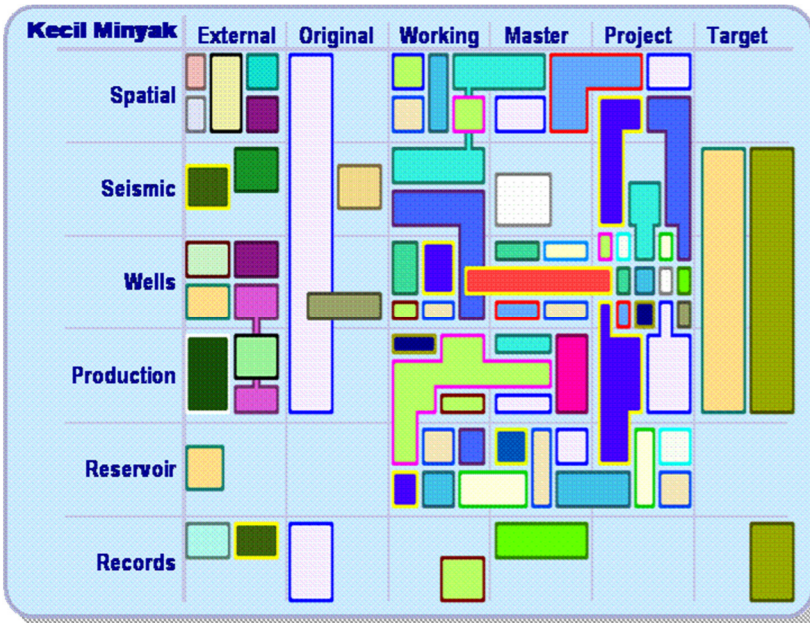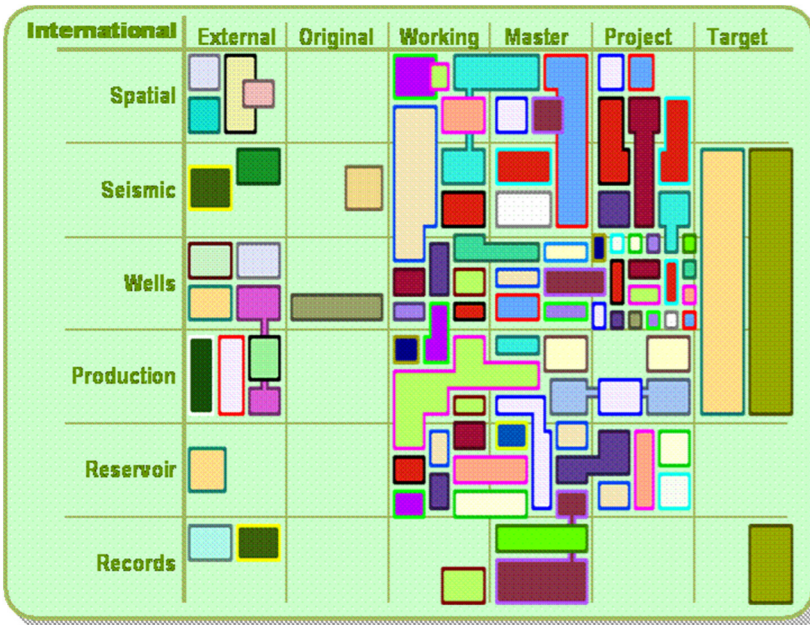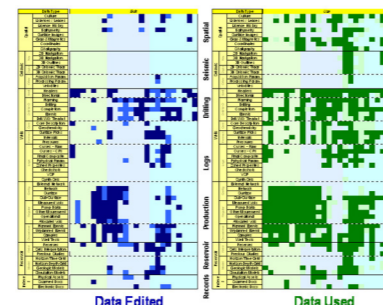
User Impression
The users were asked to rate the quality of the tools, legacy data, people and processes for handling for each data grouping. This is the summary of the user's responses.

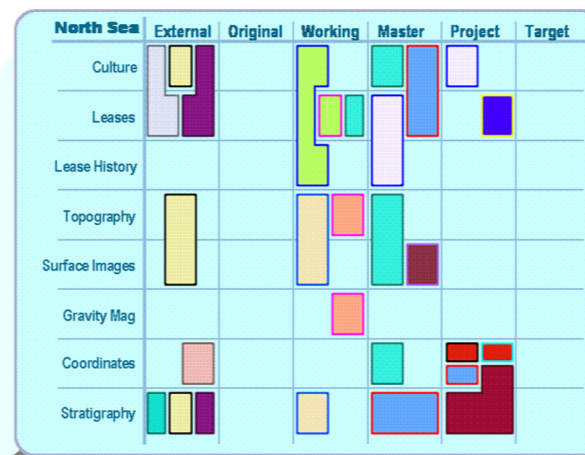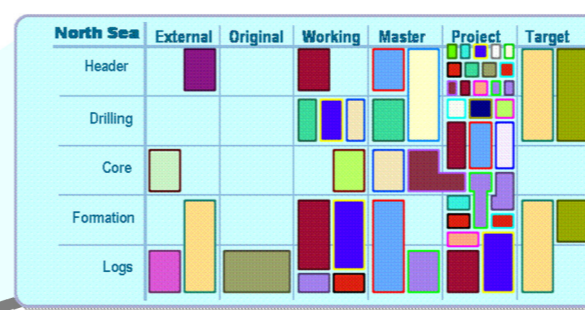| Works Well	Above Average	Is a Concern	Serious Issues
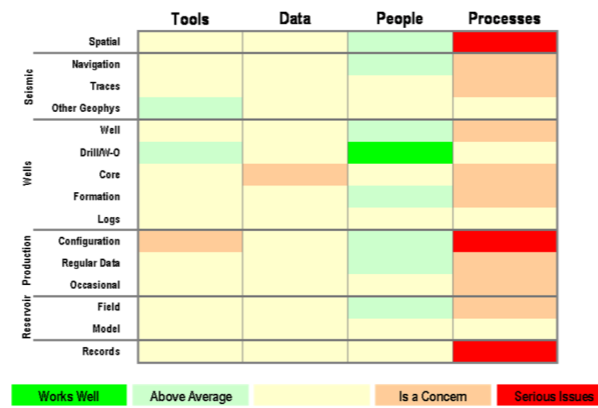
User Footprint
This diagrams show the way the users interviewed interact with data in BigOil's Aberdeen office. The columns each represents the data categories that a single user either edits or uses.
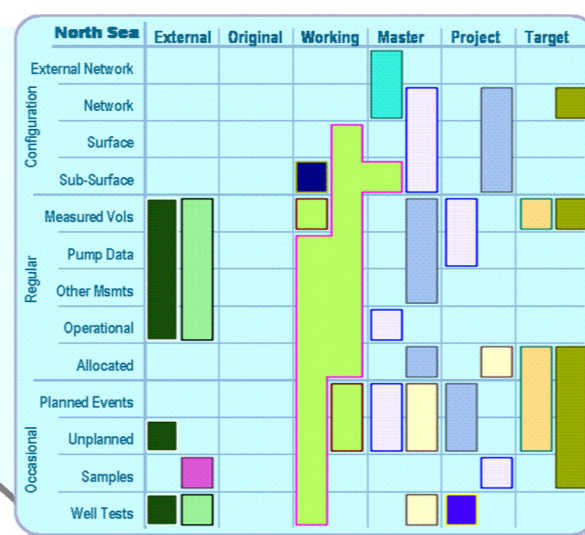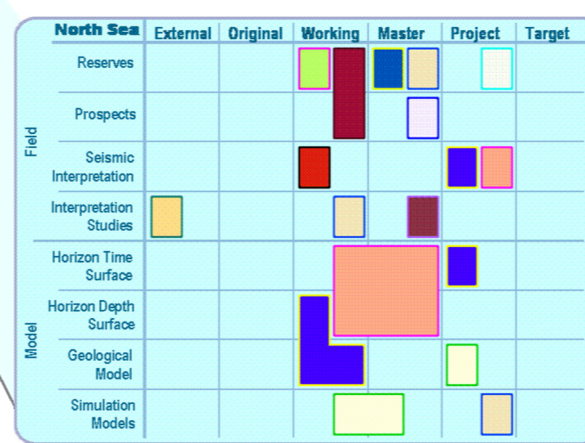
Data Edited   Data Used
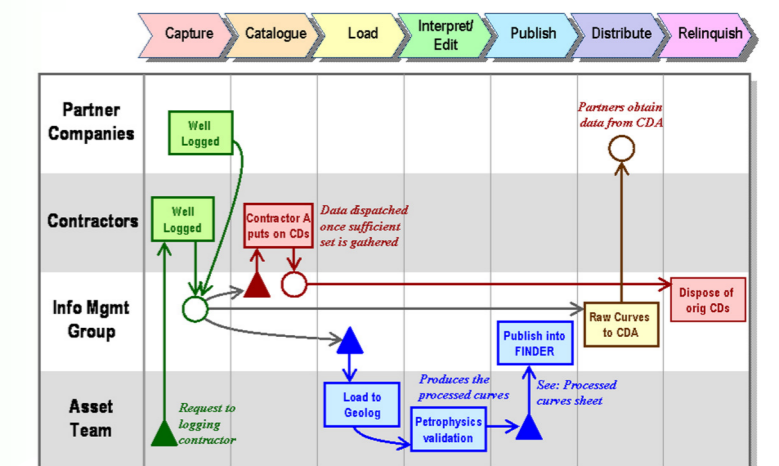
Responsibility
The responsibility for carrying out the tasks in the data life cycle depends on the data category. This diagram shows which tasks are carried out by users, the IM group or contractors.

Data Users
Info Mgmt Group
External Contractors

Capture | Catalogue | Load | Edit | Publish | Distribute | Relinquish

Managed Sequence

Real Time | Working | Master | Project | External | Original

Standard Flows
Infrequent Flows
Supporting Data
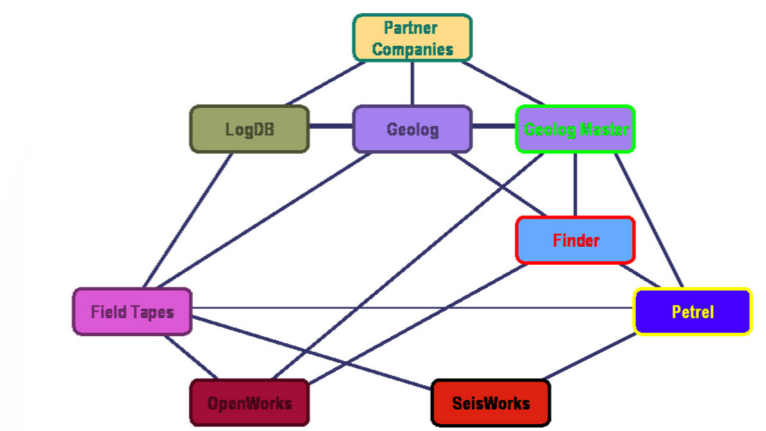
Repository Role Diagrams
These images document the roles that repositories play in the management of Exploration and Production (E&P) data. The range of data handled has been divided into different categories. Each row documents the repositories that handle that data. The roles that the repositories play have been divided into:

External: The external source for the data
Original: A location where raw values are archived
Working: Where data is edited and interpreted
Master: Approved version of the data usually available for use more widely
Project: Data consumers that use the data without modifying it
Target: Locations outside the company to which data is dispatched

International
	External	Original	Working	Master	Project	Target
Spatial						
Seismic						
Wells						
Production						
Reservoir						
Records						

Kecil Minyak
	External	Original	Working	Master	Project	Target
Spatial						
Seismic						
Wells						
Production						
Reservoir						
Records						

North Sea
	External	Original	Working	Master	Project	Target
Spatial						
Seismic						
Wells						
Production						
Reservoir						
Records						

Spatial
North Sea
	External	Original	Working	Master	Project	Target
Culture						
Leases						
Lease History						
Topography						
Surface Images						
Gravity Mag						
Coordinates						
Stratigraphy						

Wells
North Sea
	External	Original	Working	Master	Project	Target
Header						
Drilling						
Core						
Formation						
Logs						

Production
North Sea
	External	Original	Working	Master	Project	Target
External Network						
Network						
Surface						
Sub-Surface						
Measured Vols						
Pump Data						
Other Msmts						
Operational						
Allocated						
Planned Events						
Unplanned						
Samples						
Well Tests						

Reservoir
North Sea
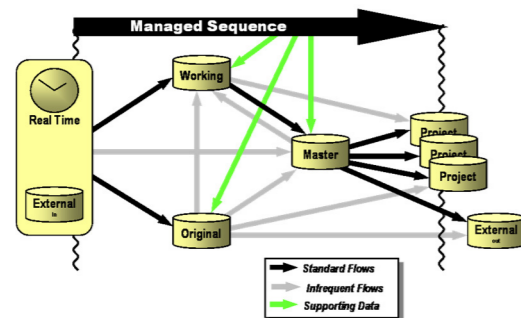|	External	Original	Working	Master	Project	Target
Reserves						
Prospects						
Seismic Interpretation						
Interpretation Studies						
Horizon Time Surface						
Horizon Depth Surface						
Geological Model						
Simulation Models						

Data Flows – Log Curve Data
This depicts the main data flows for log curve data.

Data Flows for Log Curves

Partner Companies
LogDB | Geolog | Recall Reader
Finder
Field Tapes
Petrel
OpenWorks | SeisWorks

Activity Diagram – Log Curve Data
The Information Management Group is responsible for collating new data and passing to CDA before data is sent to the asset team who load the data to Geolog.

Capture | Catalogue | Load | Interpret/Edit | Publish | Distribute | Relinquish

Partner Companies
Contractors
Info Mgmt Group
Asset Team

Legend (Tools)
Access	Annual Report	ArcGIS	ARIES
Core Report	Corel Draw	CPS-3	Documentum
DrillDB	Drilling Web Site	DepthTeam Express	Eclipse
EPSG Definitions	eSearch	Excel	File Room
Finder	GeoFrame	Geolog	Going Master
Regulatory Agency	H Drive	Handheld devices	HAPD
IHS	IHS Data	Literature	Tape Store
LogDB	NDR	Office Applications	OpenWorks
Production Forms	Partner Companies	Petrel	Production Web Site
PRS	Public Sources	Field Tapes	Recall
Recall Reader	Irap RMS	SCADA	SEG-Y
Seis Tape Store	Seismic Navigation	SeisWorks	SeisWorks Master
WellView	Z-Map Plus		

Situation Depicted
Date: Oct 2007
Location: BigOil Inc, Aberdeen Office
Data Source: BigOil staff interviews Sep-Oct 2007
Created By: Schlumberger Information Solutions

BigOil

Schlumberger