Recent Developments in Energy Market

DATA EXCHANGE STANDARDS AND TRANSPARENCY

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STATEMENT OF PURPOSE

Energistics is a global, not-for-profit, membership consortium that serves as the facilitator, custodian and advocate for the development and adoption of technical open data exchange standards in the upstream oil and gas industry.
Energistics membership consists of integrated, independent and national oil companies, oilfield service companies, software vendors, system integrators, regulatory agencies and the global standards user community.
Global Influence Operators

devon
Pioneer
bp
Statoil
Total
ExxonMobil
Chevron
Aramco Services Company
woodside
Petrobras
Global Influence Operators

- ExxonMobil
- Statoil
- bp
- Total
- Aramco Services Company
- woodside
Global Influence
Oilfield Services
Global Influence
Regulators
Global Influence
Regulators

11 OPERATORS
9 OILFIELD SERVICES
16 REGULATORS
Global Influence Industry-wide

11 OPERATORS
9 OILFIELD SERVICES
16 REGULATORS
66 SOFTWARE VENDORS
15 ASSOCIATIONS
10 MEDIA PARTNERS
4 UNIVERSITIES
Standards provide requirements, specifications, and guidelines that are used to ensure that processes, products and services are fit for purpose.
Leading Industry Initiatives

» PRODML, WITSML, RESQML

» Standards Leadership Council

» National Data Repository Meeting
Trends in the Data Supply Chain

» Data quality and data volume management
» Emphasis on real-time analysis and decision-making
» Ascendance of “Big Data”
» Update of standards as a solution
The Case for Standards

- Data quality and data volume management
- High risk, high cost development projects
  - Low price regime
- Inconsistent regulatory environment
- Member participation
Kinds of Standards

» De Jure – mandated by an authority
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- **De Facto** – wide acceptance but not officially required
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» De Jure – mandated by an authority

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» Consensus – formal agreement among parties
Consensus standards processes

» Closed consensus – only members participate

» Open source – no membership – the public creates

» Open consensus – members and public participate

» Free or pay to read? Free or pay to use?
The Benefits to JODI for Standards

- Simplified data collection for regulatory reporting
  - Commercial app support
- More consistent nomenclature, units
- Easier to tell apples from oranges
Thank You

ANY QUESTIONS?