A Collaboration to Propel and Power Subsea Production
The Challenge

- How can the cost of subsea production be reduced?
- How can oil & gas field recovery rates be improved?
- How can the life of oil & gas fields be extended?
- How to address increasing data and power requirements of larger and more complex subsea fields?
- How can sustainable solutions be developed for subsea production?
Two Market Leaders Form First Alliance of Its Kind

- Uniting power and automation with subsea production
- Combining state of the art technologies
- Optimizing interfaces

- Delivering more effective, reliable and flexible solutions
- Aimed at improving oil & gas recovery
Leading Technology

ABB

- Power
  - Distribution
  - Conversion
  - Transmission
  - Electrical protection systems

- Automation
  - Communication systems
  - Process control
  - Safety systems
  - Condition monitoring

Aker Solutions

- Subsea production
  - Trees
  - Controls
  - Manifolds

- Subsea lifecycle services
  - Condition monitoring

- Advanced subsea systems
  - Pumping & Boosting
  - Compression
Subsea Compression & Pumping

- Improved utilization of oil and gas resources
- Greater recovery rates
- Reduced production costs
- Reducing safety risk

- Development of deep water fields
- Enabling remote operations
- Lower environmental footprint
Committed to Research and Development

- Best-in-class reliability
- Advanced subsea controls
- All-electric systems
- Subsea power
- Multiphase booster pumps
- Subsea condition monitoring
- Longer step-outs
40 Years of Working Together – Recent References

- Åsgard Subsea Compression
- Tyrihans
- Goliat © Eni Norway
- Aasta Hansteen
Moving Forward Together

- Optimize existing solutions based on Åsgard base-case
- Seamless interface between topside and subsea
- Focus on customer early engagement and concept selection
- Pursuing joint R&D efforts
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