Building Solutions for the Energy Industry

Tim Crome, Director Sales and Business Development, Technip Norway

Pipeline Repair System (PRS) Facility, Haugesund, June 12, 2012

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Safe Harbor

This presentation contains both historical and forward-looking statements. These forward-looking statements are not based on historical facts, but rather reflect our current expectations concerning future results and events and generally may be identified by the use of forward-looking words such as "believe", "aim", "expect", "anticipate", "intend", "foresee", "likely", "should", "planned", "may", "estimates", "potential" or other similar words. Similarly, statements that describe our objectives, plans or goals are or may be forward-looking statements. These forward-looking statements involve known and unknown risks, uncertainties and other factors that may cause our actual results, performance or achievements to differ materially from the anticipated results, performance or achievements expressed or implied by these forward-looking statements. Risks that could cause actual results to differ materially from the results anticipated in the forward-looking statements include, among other things: our ability to successfully continue to originate and execute large services contracts, and construction and project risks generally; the level of production-related capital expenditure in the oil and gas industry as well as other industries; currency fluctuations; interest rate fluctuations; raw material, especially steel as well as maritime freight price fluctuations; the timing of development of energy resources; armed conflict or political instability in the Arabian-Persian Gulf, Africa or other regions; the strength of competition; control of costs and expenses; the reduced availability of government-sponsored export financing; losses in one or more of our large contracts; U.S. legislation relating to investments in Iran or elsewhere where we seek to do business; changes in tax legislation, rules, regulation or enforcement; intensified price pressure by our competitors; severe weather conditions; our ability to successfully keep pace with technology changes; our ability to attract and retain qualified personnel; the evolution, interpretation and uniform application and enforcement of International Financial Reporting Standards, IFRS, according to which we prepare our financial statements as of January 1, 2005; political and social stability in developing countries; competition; supply chain bottlenecks; the ability of our subcontractors to attract skilled labor; the fact that our operations may cause the discharge of hazardous substances, leading to significant environmental remediation costs; our ability to manage and mitigate logistical challenges due to underdeveloped infrastructure in some countries where we are performing projects.

Some of these risk factors are set forth and discussed in more detail in our Annual Report. Should one of these known or unknown risks materialize, or should our underlying assumptions prove incorrect, our future results could be adversely affected, causing these results to differ materially from those expressed in our forward-looking statements. These factors are not necessarily all of the important factors that could cause our actual results to differ materially from those expressed in any of our forward-looking statements. Other unknown or unpredictable factors also could have material adverse effects on our future results. The forward-looking statements included in this release are made only as of the date of this release. We cannot assure you that projected results or events will be achieved. We do not intend, and do not assume any obligation to update any industry information or forward looking information set forth in this release to reflect subsequent events or circumstances.

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References to Stone & Webster processing technologies and associated Oil & Gas engineering capabilities are subject to the closing of the acquisition announced on May 21, 2012.

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Contents

1. Safety Briefing


Technip
COLOUR CODE
TEAM TECHNIP

Technip: Strong commitment to HSE

“I want Technip to become the reference company in Health, Safety, and the Environment.”

Thierry Pilenko
Chairman Technip Group
PULSE event Aberdeen June 2008

6

Killingøy Island

Safety Briefing

- Observe the closest emergency exits
- Ask your guide to show you the muster point
- Stay with your group
- No fire drill planned for today
- Mandatory Personal Protection Equipment will be issued at the start of the tour

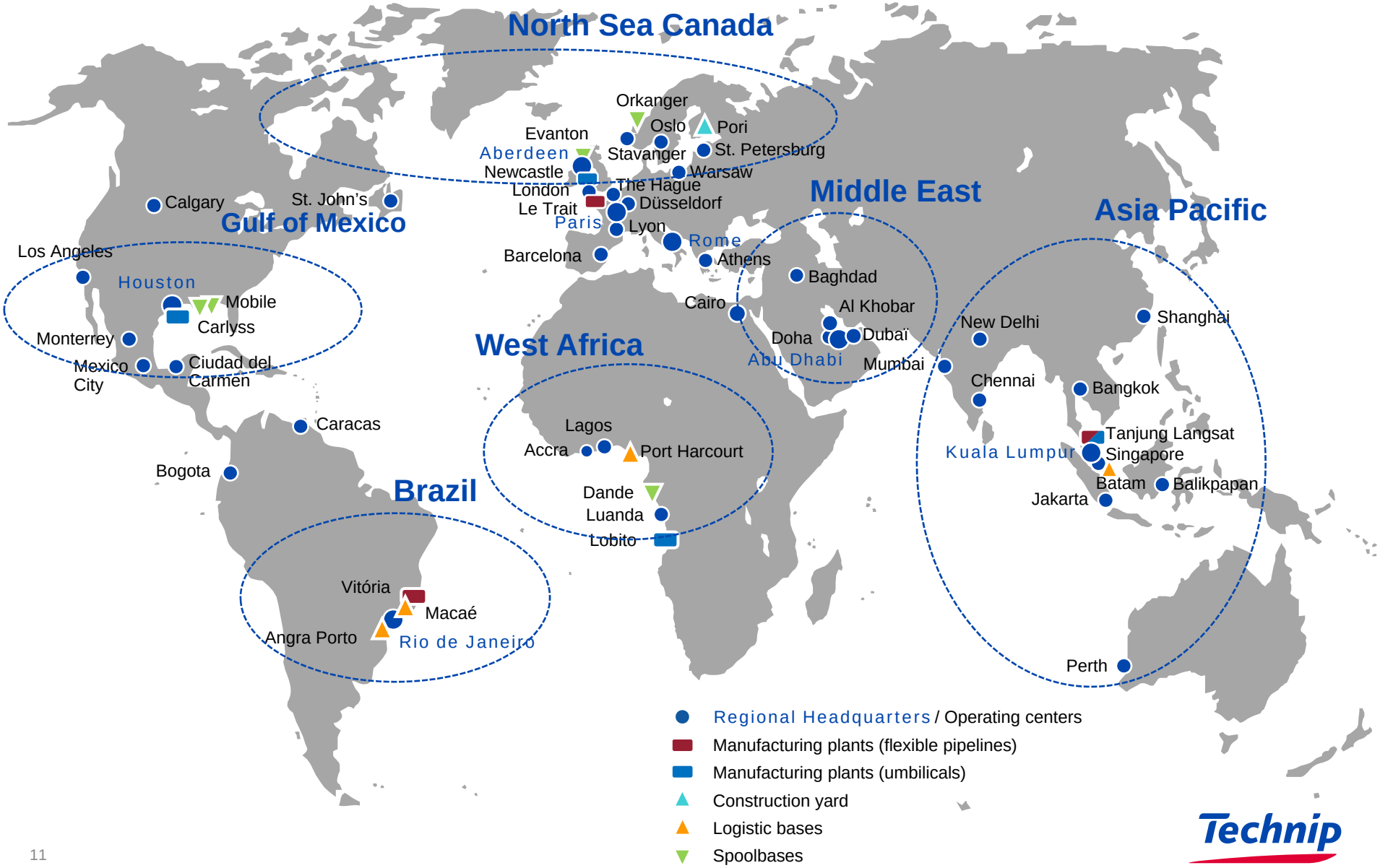
2. Technip in Norway

Technip: A World Leader Bringing Innovative Solutions to the Energy Industry

- A world leader in project management, engineering and construction for oil & gas, chemicals and energy companies
- Revenues driven by services provided to clients Onshore/Offshore and Subsea
- Around 30,000 people in 48 countries
- 2011 Revenues: €6.8 billion; 2011 Operating margin[1] above 10% for the 3rd year

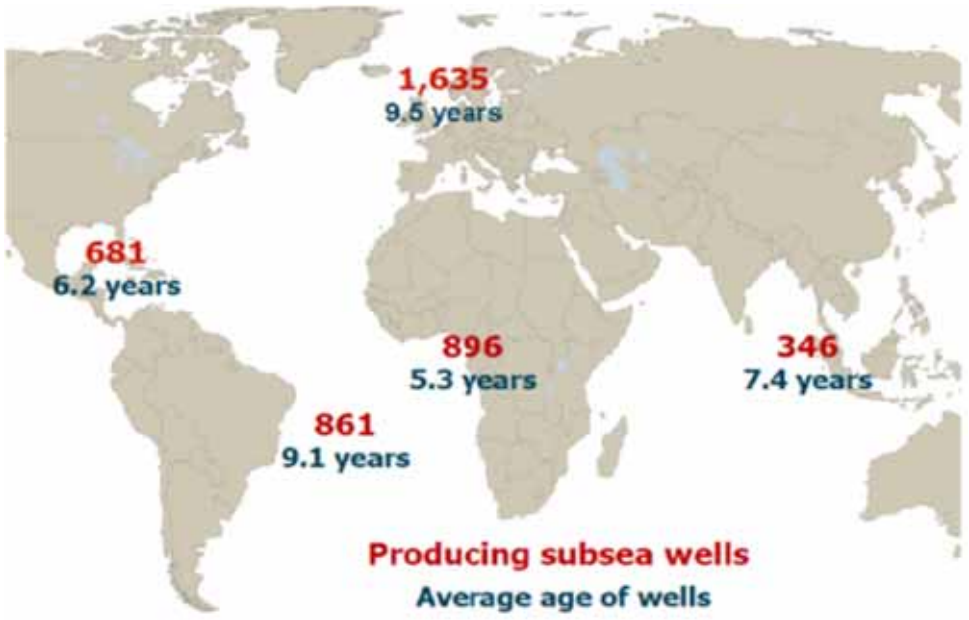
[1] from recurring activities

A Unique Worldwide Footprint

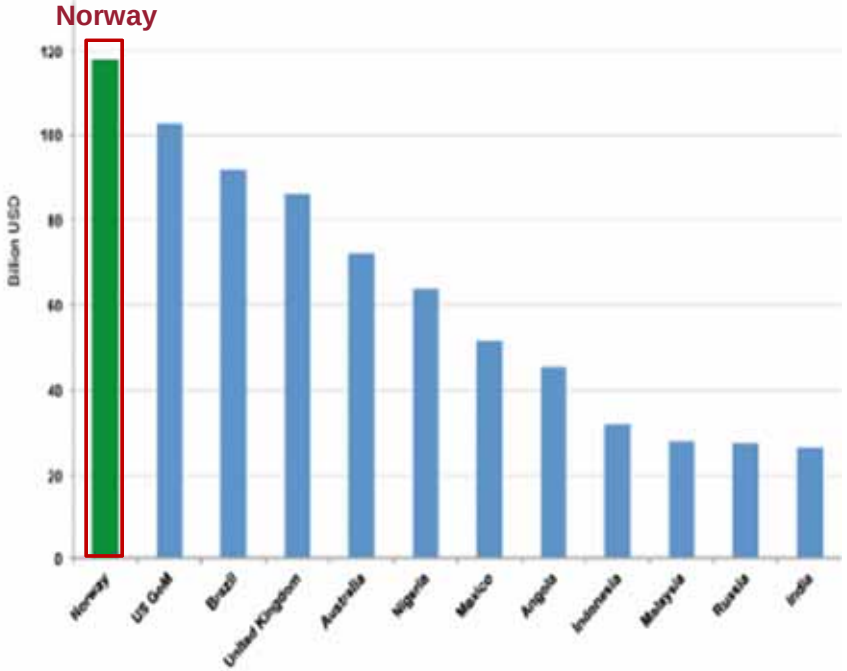


North Sea: A Large Subsea Market

Number of Producing Subsea Wells



Offshore Expenditure Projection 2011 - 2014



- North Sea accounts for ~40% of world's installed base of producing subsea wells
- Norway expected to see the strongest offshore spending

Source: Arctic Securities, April 2011

Technip

Over 25 Years Presence in Norway

- **Operating in Norway since 1985**
- **~ 500 people**
- **Providing leading Subsea & Offshore solutions:**
  - Engineering, Procurement, Construction & Installation (EPCI)
  - Tie-backs
  - Subsea construction
  - Flexible riser & Flowline supply
  - IRM* & Diving
  - PRS**
  - Offshore platforms

* *IRM: Inspection, Repair & Maintenance*
** *PRS: Pipeline Repair System*

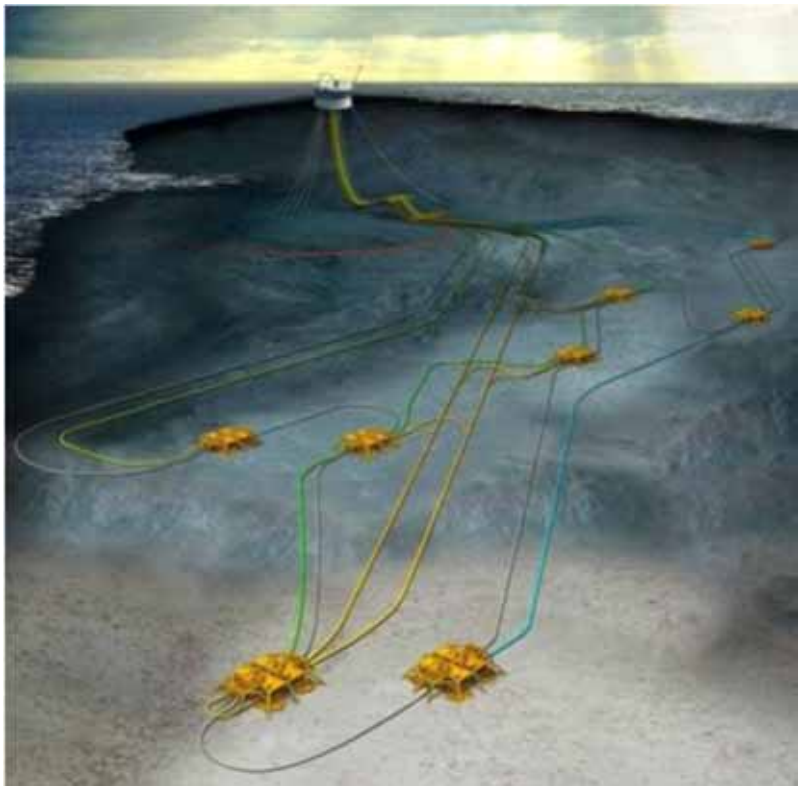
Ever Increasing Norwegian Client Base

- A few years back

- Today

Statoil
bp
MARATHON
eni norge
ConocoPhillips
TALISMAN ENERGY
TOTAL
ExxonMobil
DETNORSKE
Nord Stream
Lundin
DONG energy
shtokman
BG NORGE
Technip

EPCI Project: Goliat SURF for ENI



- First Norwegian oil field development north of the Arctic Circle
- Specialized vessels from Technip fleet will provide quick access to this remote area in the Barents Sea, including the diving & construction vessel Skandi Arctic and Apache II
- Reinforces Technip position in this frontier region

Investment in Key Differentiating Assets

Apache II

- Rigid reel-lay vessel
- Proven equipment on new hull and accommodations
- Increased efficiency at low cost

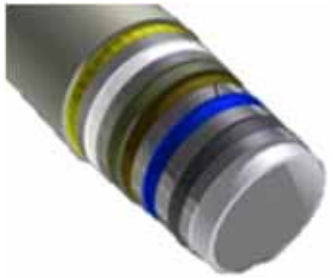
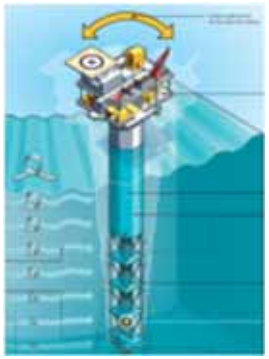
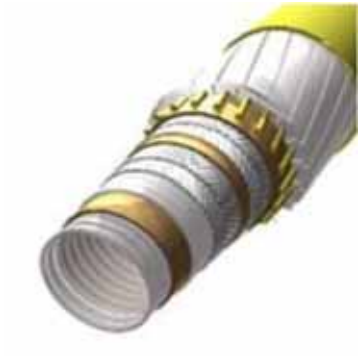
Deep Energy

- Deepwater rigid reel-lay vessel
- High transit speed for rapid deployment worldwide
- Exceptional product storage capacities
- Key asset for large remote EPCI projects

Orkanger

- Facilities upgrade ongoing
- Preparation for operations with Apache II and Deep Energy
- Dual spooling and extra pipe length
- Increased size and weight of pipe

Providing Innovative Solutions for Offshore & Subsea Developments

Smooth Bore Riser	Spars	Carbon Fiber Armor Flexible Pipe	Integrated Production Bundle	Electrically Trace Heated Pipe-in-pipe
				
▪ Solution to improve flow assurance on export risers	▪ Solution for harsh waters	▪ Reduction of deepwater riser weight	▪ Improve flow assurance: multi-services and intelligent flexible pipe	▪ Active insulation improving tie-backs flow assurance
▪ 1st smooth bore for gas export riser: Asgard, Norway	▪ 14 delivered out of 17, plus 1 under construction and 2 ongoing design studies	▪ Reduce pipelay vessel requirements	▪ Combines gas lift, electrical cables, electrical heating, fiber optic monitoring and chemical injection services in one pipe	▪ Energy effective design and cost effective installation

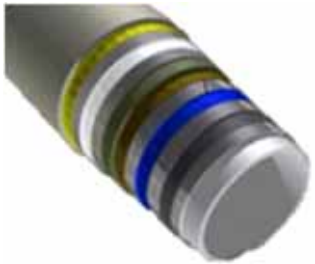
Technip

Solid Project Execution

- **Marulk**
  - Heaviest pipe-in-pipe (12” in 16”) installed in North Sea Tieback to Njord

- **Hyperbaric welding[1]**
  - Hyperbaric welding of two tie-ins on the North Stream pipeline (48”)

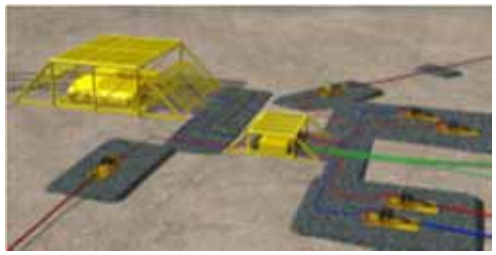
- **Gjøa**
  - Gas export riser replacements with smooth bore risers to prevent flow induced vibrations



[1] *Performed underwater at the seabed*

Continuous Commercial Success

- **Åsgard Subsea compression marine operations**
  - Subsea construction work for compression system
  - Field support contract option



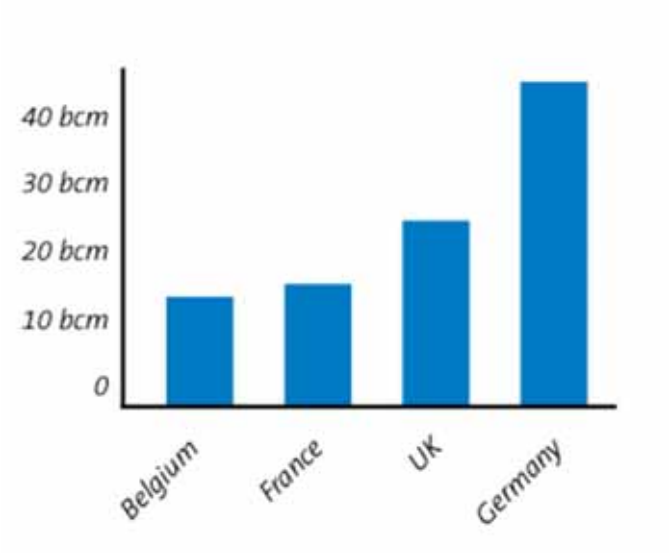
- **2-year extension of Statoil frame agreement for Subsea services**
  - Diving, pipeline repair, contingency and modification services

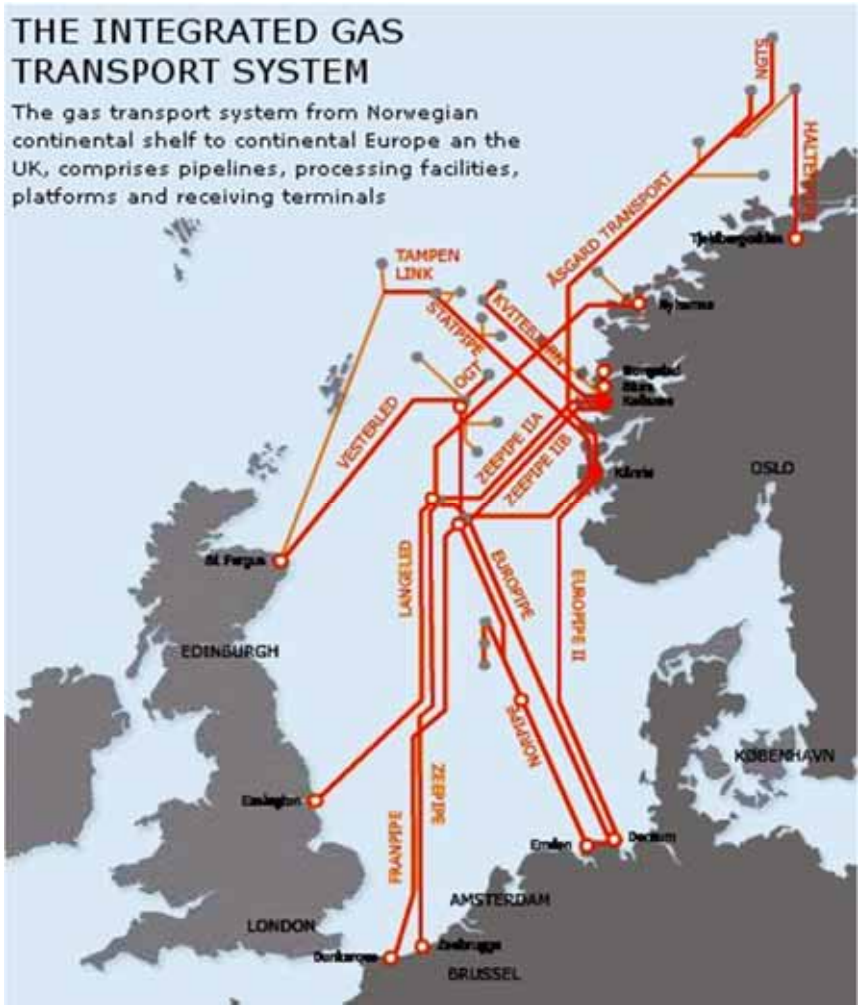
- **Luva Spar FEED**
  - Design and planning for procurement, construction and transportation of Luva Spar

3. Today’s Visit: Pipeline Repair System (PRS) Facility

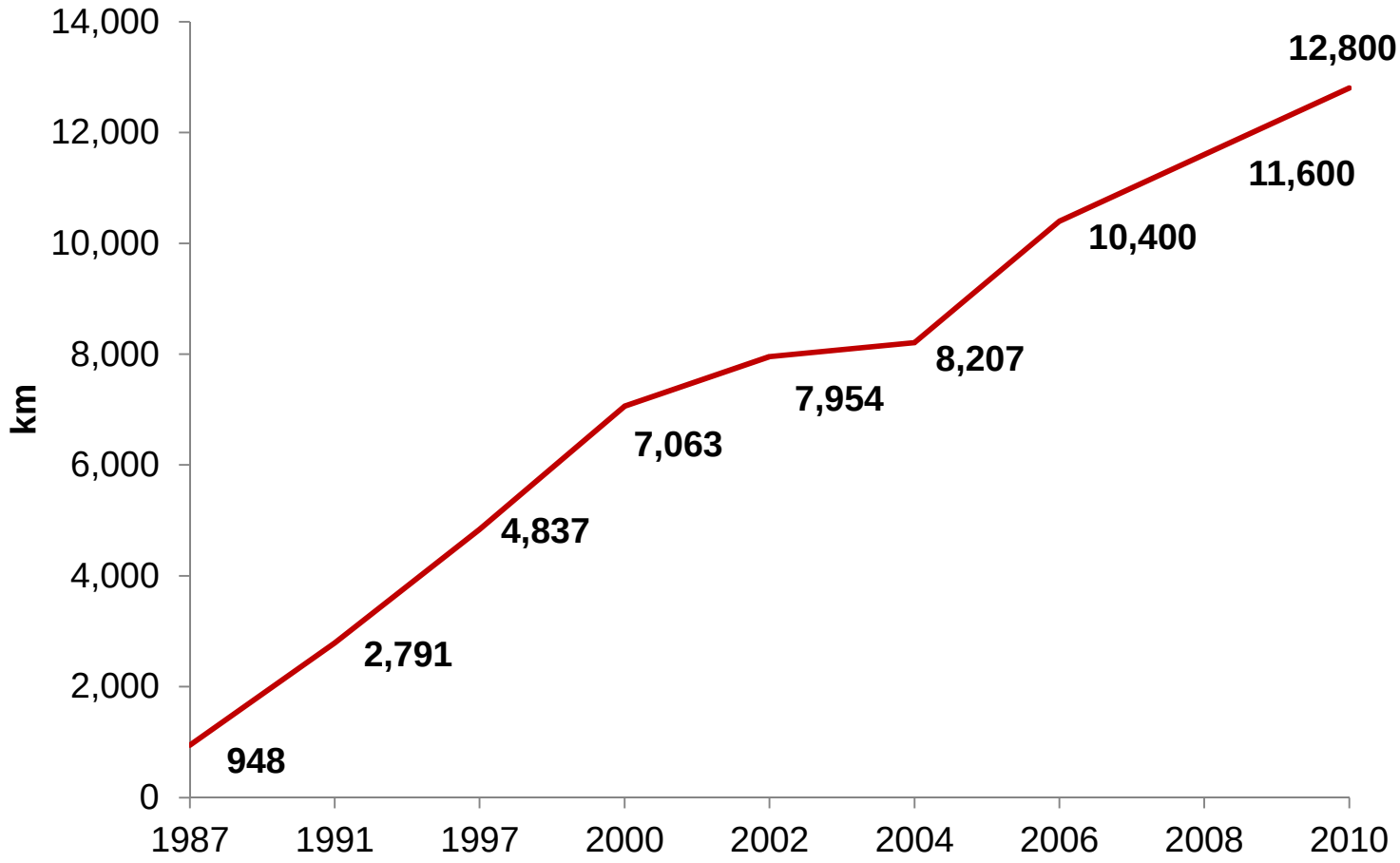
Norwegian Gas Exports: An Important Supply for European Countries

- Gassco is responsible for transporting the gas to Europe
- Total volume of gas delivered was ~97 billion cm^3 in 2009 (a value of ~US$15 billion)





Pipeline Length Covered by PRS



* *North Stream pipeline (~2,450km) in Baltic Sea recently joined PRS*

PRS Function

- **Rapid response for pipeline repair**
- **Ensure regularity of gas supplies**
- **Founded in 1987**
- **Unique pool of emergency repair equipment**
  - Equipment varies with pipe size and water depth
- **Owned by a group of NCS oil & gas pipeline owners: >14,000km pipeline**
- **Statoil has administrative responsibility**

Technip and PRS

- Technip awarded PRS contract in January 1, 2007
- Very close interface with exclusive Diving Contingency Frame Agreement
- Worlds leading center for the development of remote subsea pipeline construction and repair equipment
- Involvement in technology development, applicable worldwide

PRS Equipment

Retro-fit Tee Installation Tool / Retrofit-Tee (RTIT / RT)

RTIT on deck

RTIT overboarding

RTIT installed subsea

Pictures from Åsgard DWT2

PRS Equipment

Retro-fit Tee Welding Tool (RTWT)

RTWT overboarding

RTWT launching

RTWT lowering

Pictures from Åsgard DWT2

PRS Equipment

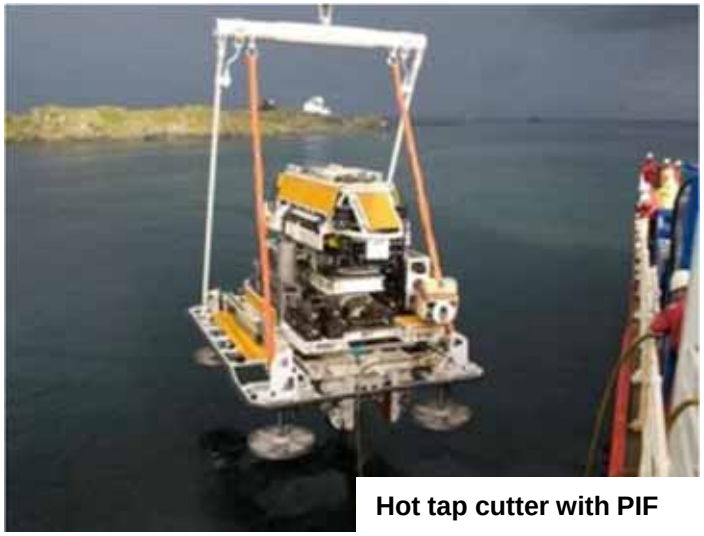
RTWT Welding and Result

RTWT in action subsea

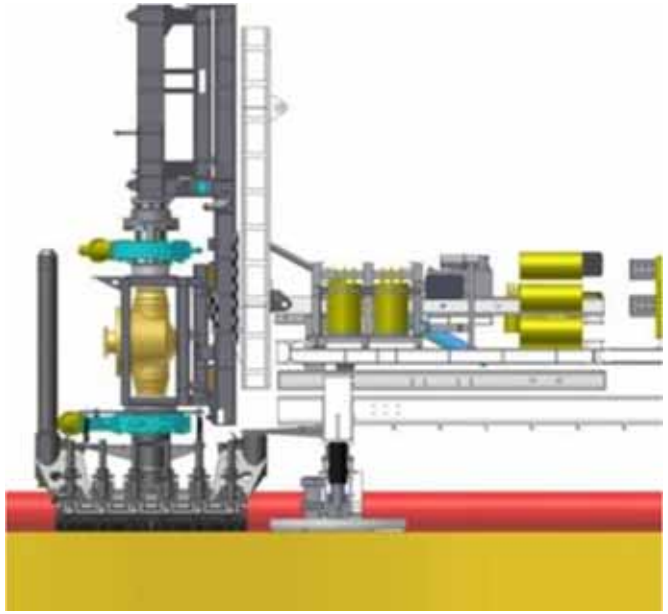
RTWT seal weld performed

PRS Equipment

Hot Tapping using HTCM and PIF



Hot tap cutter with PIF



Hot tap cutter proven on Tampen and Ormen Lange project

PRS Equipment

Coupling Installation Frame (CIF) with Morgrip coupling

CIF with coupling

CIF overboarding

Pictures for Kvitebjørn offshore operations

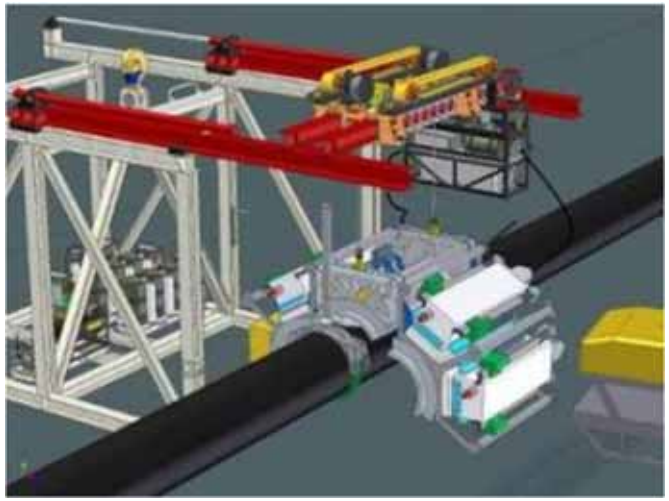
PRS Equipment

- **Development of hyperbaric welding laboratory at PRS base; 400 bar pressure chamber equivalent for 4000 msw deep**

JIP with Chevron & BP for development of welding procedure for 400 bar

Further Development: Remote PRS Welding System for 1km Below The Sea Surface

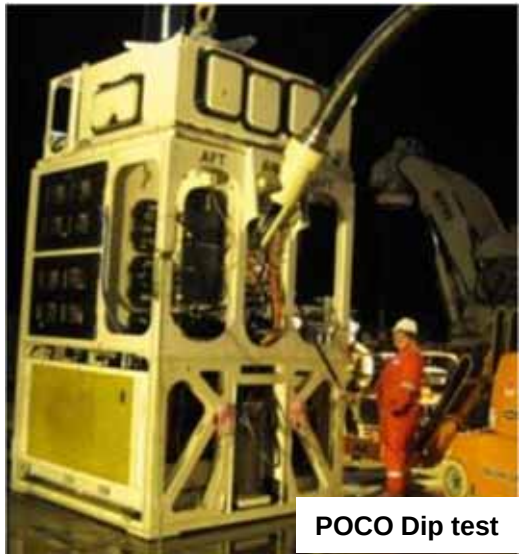
- PRS welding system for use beyond diver depth: Remote Orbital Welding Tool (ROWT)
- Handling systems for ROWT
- Remote hot tap tee installation and welding tools
- Operational test scheduled for late Autumn 2012



PRS Equipment (currently on Nord Stream)

Hyperbaric Tie-in

Habitat w/alignment frames

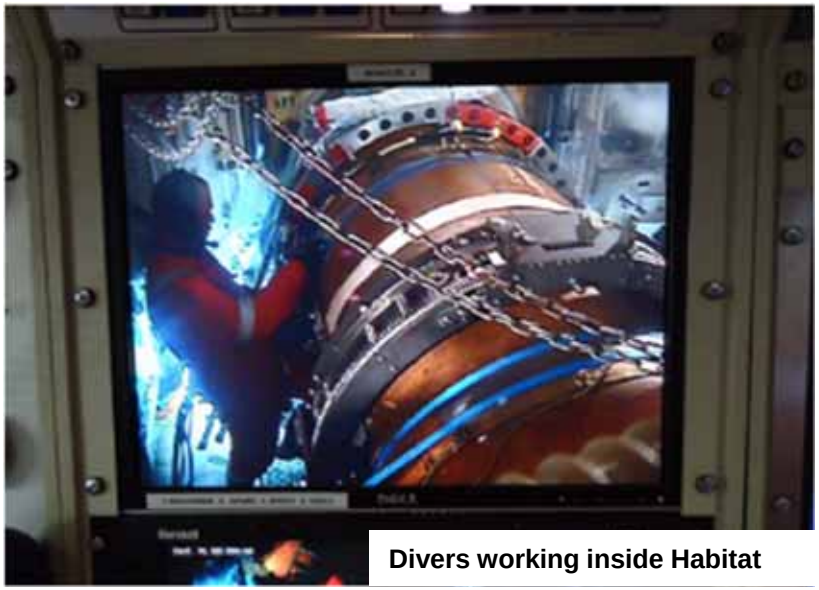


POCO Dip test

- **System upgraded to handle 48” Nord Stream Pipeline**
- **Currently in use in the Baltic Sea**

PRS Equipment (currently on Nord Stream)

Hyperbaric Tie-in

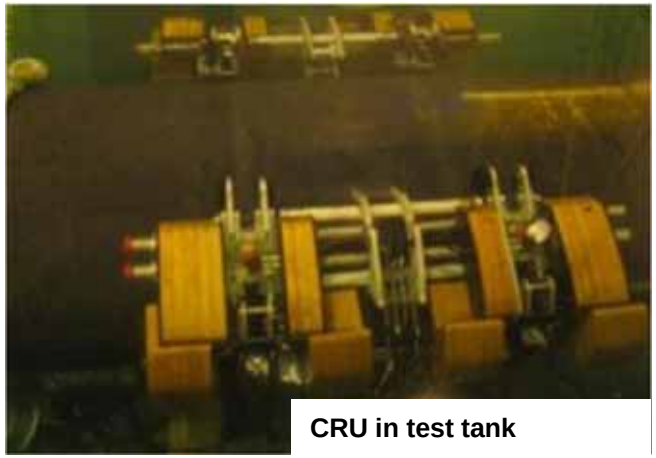


Divers working inside Habitat

Final Weld Nord Stream 2011

PRS Equipment

Coating Removal



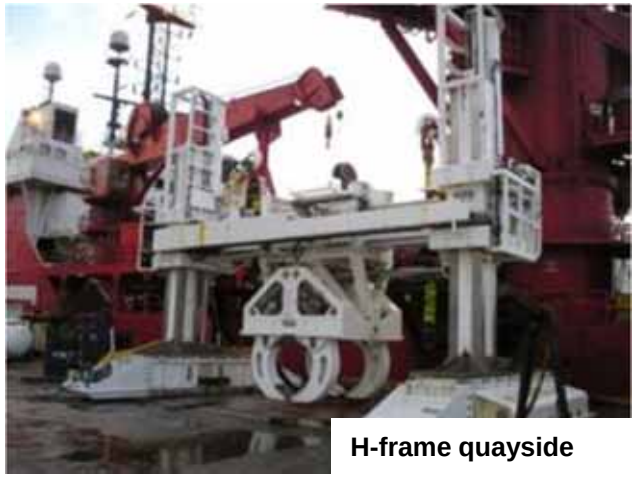
CRU in test tank

Concrete removal trials

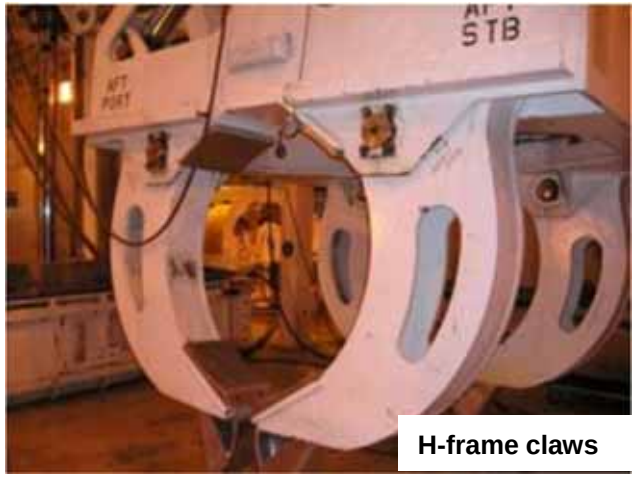
Equipment recently used on Åsgard 20” pipeline

PRS Equipment (currently on Nord Stream)

H-Frames / Pipe Alignment Frames



H-frame quayside



H-frame claws

- **H-frames no. 3 & 4, capacity 120Te**
- **H-frame no.7, capacity 170Te**
- **Currently in use on Nord Stream**

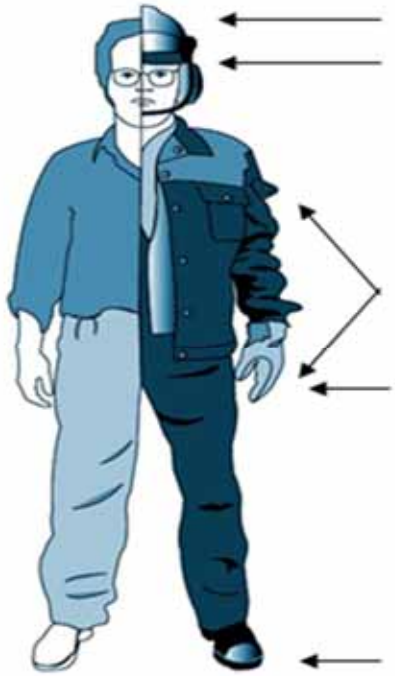
Key Takeaways

- Over 25 years experience in Norway
- State-of-the-art assets servicing Norwegian market
- Increase in size and complexity of projects plus more use of EPCI Contracts
- Technip in Norway has unique track record with EPCI execution
- High added-value differentiating technologies
- Strong commitment to HSE

Personal Protective Equipment

Standard Requirements

The following personal protective equipment (PPE) is mandatory and shall be used in all indoor and outdoor operational areas [1] at the PRS site.



Head protection - Helmet

Eye protection – Safety glasses *

**Minimum requirement. Some tasks require use of welding mask, goggles of full-mask visor.*

Protective clothing – Flame retardant long sleeved overalls with permanently attached reflectors

Adequate gloves shall be worn at all times. Exception is given when performing work where the use of gloves increases risk.

Protective footwear – Safety boots

Figure 4: PPE

Any exceptions to these requirements are posted on signs or described in separate instructions.

Technip

Thank you

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