

Vision ReadyCAM®

The combination of a High Definition (HD) Camera and a Multi Mode Hoisting Winch, form the basis for the groundbreaking Inspection System for Subsea Completions and P&A activity; Vision ReadyCAM®.

The ReadyCAM® system includes an all inclusive Hoisting Container which may be run in three different inspection modes;

- ⇒ Local joystick on the integrated Control Panel,
- ⇒ On Drill Pipe using the pre set Tension modus
- ⇒ From Remote Location via the Internet

The ReadyCAM® System has the following specifications:

- 300 bar Camera Module
- 5 Mpx CMOS Image Sensor - 185/360° Field of View
- Digital Zoom, Pan and Tilt - used during Real Time- and Offline Inspection.
- Full iO integration - Remote participation via the Internet
- 6' Control Container - ATEX Zone 1, IIA-T3 approved
- Umbilical capacity - 1000 meter

Key differentiators:

Major Cost Savings:

- Best available Images, also in contaminated water
- Plug and Play system, designed for efficient Rig Up in **less than 15 minutes**
- Full Zoom, Pan and Tilt control in stored image data for later offline inspection and comparison
- "Digital Removal" of particles in contaminated water to obtain good quality images

Please contact us for a thorough demonstration



VISION IO AS

Moseidveien 1
4033 Stavanger
Norway

Telephone: +47 51 65 20 20
E-mail: info@visionio.com
Web: www.visionio.com

**"Better information - Real Time,
Smarter decisions - All the Time"**

Visual Inspection

By combining the best available Digital Imagery Components with the most Advanced Image Optimization Algorithms, Vision iO AS is proud to present the "Next Generation" Camera Inspection Solutions to the Oil & Gas market.

Vision Camera Systems comprise the following features:

- 300 bar Camera Module
- 5 Mpx DIGITAL CEMOS Image Sensor
- 185/360° Field of View covering the whole bore
- Digital Zoom, Pan and Tilt - used during Real Time- and Offline Inspection.
- Full iO integration - Remote participation or control via the Internet
- 6' Control Container - Control panel for the Winch, Camera and Automatic Tension Control

Technology

- **FlexCAM®**
Visual inspection of Flexible Risers and Flowlines
- **ReadyCAM®**
Visual inspection system for Drilling BOP, Subsea Completion and P&A activity



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Visual Inspection

FlexCAM® inspection of Flexible Risers and Flowlines

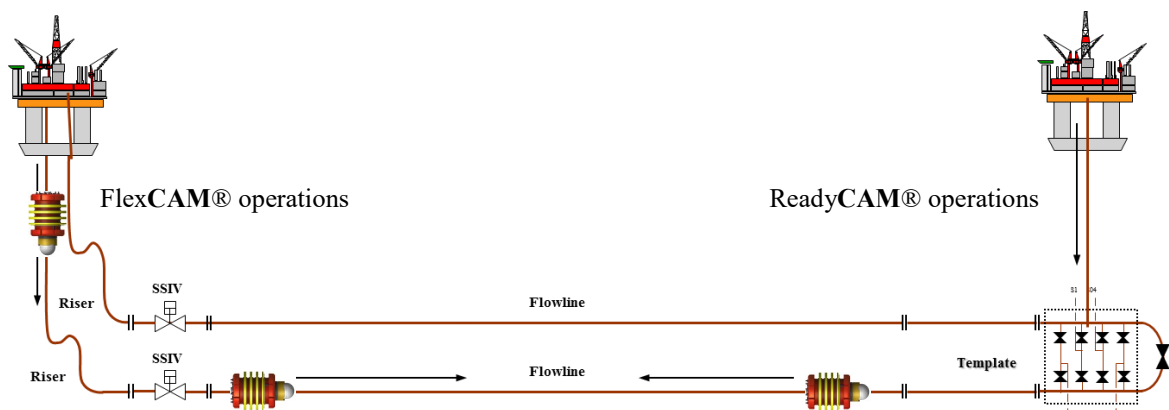
- ⇒ Identify abnormalities if any
- ⇒ Visual confirmation of internal status
- ⇒ Able to be pumped/pigged through horizontal sections
- ⇒ 360° image raw data saved and used for offline inspection

ReadyCAM® inspection of Subsea equipment

- ⇒ Identify abnormalities if any
- ⇒ Verify cleanness of hanger area before completion is run
- ⇒ Verify cleanness in BOP after milling operations
- ⇒ Visual confirmation of equipment status
- ⇒ Can be run on either drill pipe using the drill pipe adapter allowing circulation or the enclosed winch

Services

- FlexCAM®
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