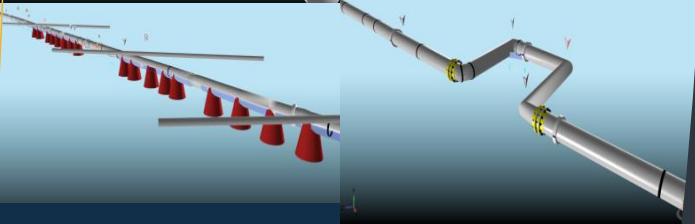
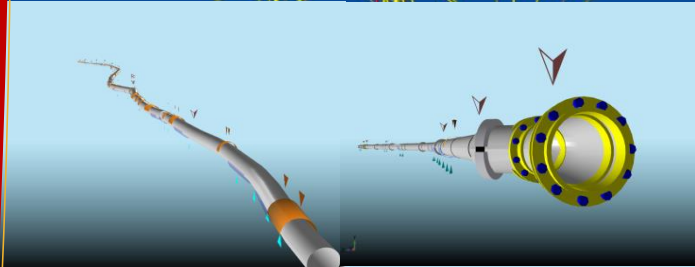
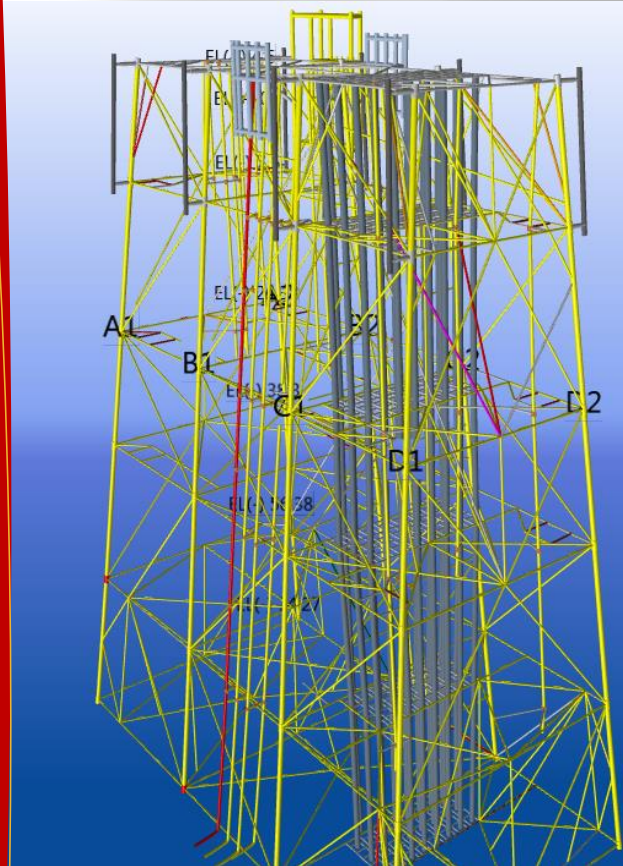


# WINCAIRS OFFSHORE SYSTEM



STRUCTURES-TRIALS		Type of Structure: All Types	
<b>ALPHA-1/ALPHA-2</b>  METRIC 45.72 BRIDGE FROM ALPHA-1 to ALPHA-2 (Length(m)) From BAP-8 TO BAP-8	<b>ALPHA-A/ ALPHA-B</b>  METRIC 30.48 BRIDGE FROM ALPHA-A to ALPHA-B (Length(m)) From BAP-AA TO BAP-A	<b>ALPHA-B</b>  METRIC 6 APSCOMPRESSOR PRODUCTION PLATFORM Water Depth: 62.0m	<b>ALPHA-C</b>  METRIC 6 PROD. PLATFORM Water Depth: 37m
<b>ALPHA-D</b>  METRIC 6 PRODUCTION PLATFORM Water Depth: 34m	<b>ALPHA-E</b>  METRIC 4 APSC PROD. PLATFORM Water Depth: 52m	<b>ALPHA-F</b>  METRIC 3 DRILLING JACKET PLATFORM Water Depth: 39.30m	<b>ALPHA-G</b>  METRIC 3 3PHC WBP Water Depth: 6
<b>ALPHA-H</b>  METRIC 16 GASLIFT DRILLING PLATFORM Water Depth: 16	<b>FPSO</b>  METRIC 16 ARMADA PERKASA FPSO (Length(m))	<b>PIPELINE-06</b>  METRIC 2.357 6.6 IN. 2807 K20P (Length(m))	<b>PIPELINE-07</b>  METRIC 1.4 6.6 IN. 2807 K20P (Length(m))

WinCAIRS, (Windows Computer Aided

Inspection Reporting System), is the

complete Offshore Software package for

Windows based software which has been

developed by Nasquest.

## System Overview

WinCAIRS provides a complete user-

friendly inspection management

software package on client/server

technology using the power and

graphics of Powerbuilder and Oracle.

- WinCAIRS – Offshore System has the ability to plan, compile jobpacks and display inspection trends for all jackets and pipeline systems etc.
- Built-in industry standard specification sheets and reports.

## Advantages and Features

- Videos, photographs and drawings can be linked to Structure, components and inspections.
- Smart Query allows full interrogation of data.
- Plans and jobpacks can be created and updated.
- Simple navigation between equipment and related sub components
- Daily report compilation, overview of project status.
- Separate Inspection sheets are available for diving and ROV job.
- Online Inspection event capturing.
- User defined defect criteria settings.
- Sea Bed Inspection on GUI.
- Real time Image grab.
- Detailed SOW.

# WINCAIRS – SYSTEM OVERVIEW

WinCAIRS-Offshore system mainly used in the Offshore Fields. The main structure's Inspection data such as Jacket Pipelines, Vessel etc. inspection data are captured into the system.

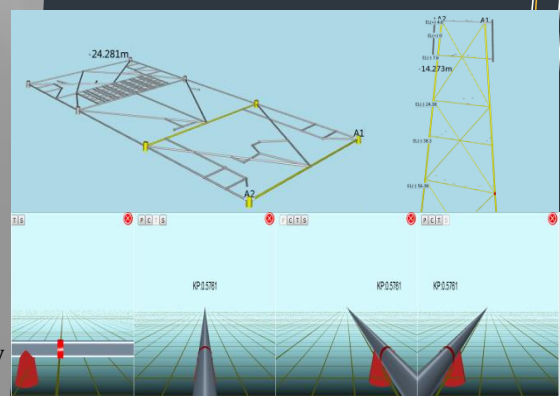
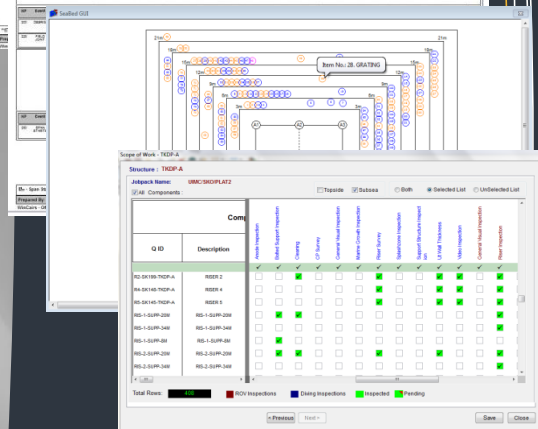
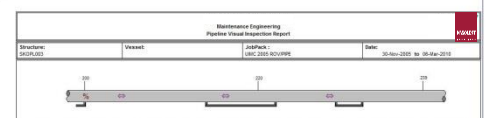
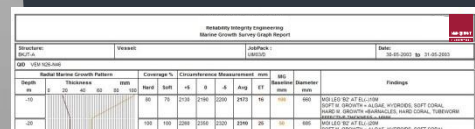
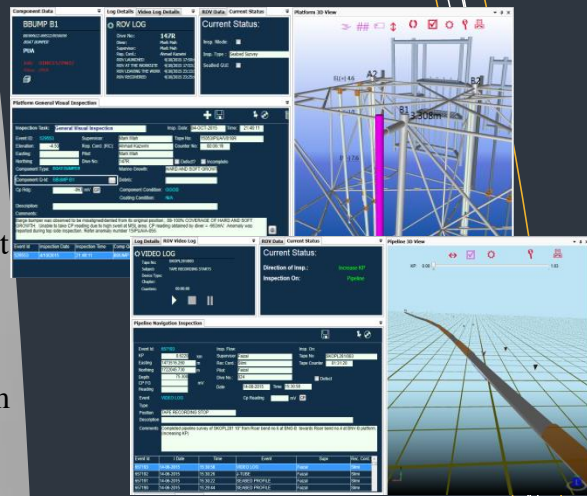
Offshore Remote system is a utility in the Offshore system where it function as a mini system or small inspection module to carry out job remotely or onsite. Later all the inspection data to be updated back into the main system. All Inspection activities can be view in one place in the Inspection log window.

All Inspection activities can be viewed across the network by authorized parties direct to the screen or printed as hard copies to either a local or network printer.

Report headers contain summarized information on the items identification, with a detailed summary of the inspection findings.

## Inspection Modules:

- ROV inspections (Platform and Pipeline)
  - Marine Growth Inspection.
  - Anode Inspection.
  - UT Inspection.
  - Cathodic Protection Inspection.
  - Riser Inspection.
  - General visual Inspection.
  - Flooded Member Detection Inspection.
  - Structure Topside Inspection.
- ❖ Structure in 3D View (Underwater Structure only).
  - ❖ Database Engines: WinCAIRS fully utilises the power of Oracle.
  - ❖ Online Capture: WinCAIRS has the ability to electronically link to the ROV system to set interfaces with an RS-232, ability for electronic download of data.
  - ❖ Online Image grab and Video grab.



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