

SUMMARY TRACK RECORD



SUMMARY TRACK RECORD

Aibel



Front Puffin FPSO

- Asset Integrity Management Services
- Inspection Services
- Repair & Maintenance Site Services.
- Project Management Support Services
- Management Consulting Services
- NDE Services - UT, MPI, LPI, EC, Class Surveys, MASS / CCTV, Thermography, Remote PV CVI



SUMMARY TRACK RECORD

Angola LNG



Soyo LNG Plant

- Provision of Onshore Integrity Management Services
- Development of Process Pressure Equipment Risk Based Inspection system
- Risk Based Assessments of Pressure Systems
- Corrosion Risk Assessment and Criticality Analysis
- Set-up, Population and Periodic Reviews of Integrity Database
- Development of Baseline Strategy
- Site Inspection / NDT Services
- Failure Investigation



SUMMARY TRACK RECORD

Apache Energy



Campbell
Gibson
Harriet A, B & C
John Brookes



Linda
Ocean Legend
Simpson A & B
South Plato



Stag
Twickenham
Varanus Island
Victoria
Wonnich

- Piping Inspection Management Plans
- Corrosion Loops for Process Piping and Pressure Vessels
- Annual Topside Surveys
- Platform Riser Surveys
- Criticality Assessments
- Site NDT Services
- Steel Replacement Surveys
- Repair & Maintenance Services





SUMMARY TRACK RECORD

BHP Billiton

Griffin Venture FPSO

Minerva Gas Plant

Tubridgi Gas Plant

Macedon Gas Plant

Pyrenees Venture FPSO

- Asset Integrity Management, Services
- Inspection and Repair & Maintenance Site Services
- Project Management Support Services
- Management Consulting Services
- NDE Services - UT, MPI, LPI, EC, Class Surveys, MASS / CCTV, MOLE, Thermography, Remote PV CVI
- Provision of IGLOO Hotwork Habitat & Repair Services
- Riser Guide Inspection
- Shutdown / Drydock Planning
- Dropped Objects Surveys
- Non Intrusive Inspection of Pressure Vessels





SUMMARY TRACK RECORD

Bluewater



Bleo Holm FPSO

Glas Dowl FPSO

Haewene Brim FPSO

Uisge Gorm FPSO

- Provision of Integrity Management for the Hull and Topsides
- Inspection and Survey Services and Structural Repairs
- NDE Services - UT, MPI, LPI, EC, TOFD, Weld Root, Class Surveys, MASS / CYCLOPS CCTV, MOLE
- Other Services – Structural Steel Repairs, Piping Repairs, Coating Repairs, Corrosion Protection, IGLOO Hotwork Habitats, TOPCAT Staging





SUMMARY TRACK RECORD BP

Buchan Alpha FPS

Cruden Bay Terminal

Forties Alpha

Forties Echo

Magnus

Nan Hai Sheng Li FPSO

Nan Hai Tiao Zhan FPS

St Fergus Terminal

Schiehallion FPSO

Glen Lyon FPSO

- Inspection / NDT Services – Structural & Pressure Equipment
- Specialist Inspection Services
- Class Surveys
- Structural Steel Repairs & Modifications
- Repair Project Management
- Health & Safety Consultancy and Supervision
- Provision of IGLOO Hotwork Habitats
- NoMan inspections within Cargo Oil Tanks





SUMMARY TRACK RECORD

Bumi Armada



Armada Claire FPSO



Armada Perkasa FPSO



Armada Olombendo FPSO



Armada Kraken FPSO

- Provision of Asset Integrity Services
- Inspection and Survey Services
- NDE Services - UT, MPI, LPI, EC, Class Surveys
- Other Services – Structural Steel Repairs, IGLOO Hotwork Habitats
- Fitting of ODIN Access Ports
- Provision of ODIN Valve Inspection Services
- Inspection of Sea Chest Valve





SUMMARY TRACK RECORD

BW Offshore / Prosafe



Umuroa FPSO

Cidade de São Vicente FPSO

BW Joko Tole



Raroa



- Site Inspection Services
- Project Management Services
- Structural Repair Site Services
- Provision of IGLOO Hotwork Habitats
- NDE Services - UT, MPI, LPI, MASS / CCTV, Remote PV CVI
- Regulatory Compliance Matrix
- Repair & Maintenance
- Supervision of NDT Services
- Tank Inspections and Repairs



SUMMARY TRACK RECORD

ConocoPhillips



Hutton TLP



Ming Zhu FPSO



Murchison

Nan Hai Kai Tuo FPSO



Peng Bo FPSO

WHPs A, B, C & D

- Provision of Asset Integrity Management Services including :
 - Set-up, population and implementation of Asset database
 - Review of existing systems, procedures and processes
 - Provision of document gap analysis
 - Development of asset integrity related documentation e.g. Asset Integrity Strategy, Asset & Operations Integrity Risk Assessment procedure, Regulatory Compliance Matrix, Operating Standards Management procedure, Performance Assurance & Verification Standards, Anomaly Management Procedure, Maintenance Management procedure, Inspection Management procedure, Structural, Pressure Systems, Tanks, Subsea, Pipelines, Pressure Relief Devices Integrity Management procedures, Data Management & Analysis/Trending procedure, Repair & Modification Prioritisation procedure, Task Backlog & Deferral procedure, Corrosion Control & Degradation Management procedure, Baseline Survey procedure, Impairment Matrices etc.
- Baseline Surveys
- Site Inspection Services



SUMMARY TRACK RECORD

Cooper Energy



Minerva Gas Plant

- Site Based Inspections





Chevron Alba FSU



Ninian Central

Ninian Northern

Ninian Southern



MCP-01



SUMMARY TRACK RECORD

Chevron / Bibby

- Provision of Asset Integrity Management Services including :
- Set-up, population and implementation of Acet database
- Review of existing systems, procedures and processes
- Provision of document gap analysis
- Development of asset integrity related documentation e.g. Asset Integrity Strategy, Asset & Operations Integrity Risk Assessment procedure, Regulatory Compliance procedure, Operating Standards Management procedure, Performance Assurance & Verification Standards, Anomaly Management Procedure, Maintenance Management procedure, Inspection Management procedure, Structural, Pressure Systems, Tanks, Subsea, Pipelines, Pressure Relief Devices Integrity Management procedures, Data Management & Analysis/Trending procedure, Repair & Modification Prioritisation procedure, Task Backlog & Deferral procedure, Corrosion Control & Degradation Management procedure, Baseline Survey procedure, Impairment Matrices etc.
- Baseline Surveys
- Site Inspection Services
- Preparation of Inspection Work Packs



SUMMARY TRACK RECORD

Cuulong Joint Operating Company



Su Tu Den WHP A

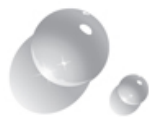
Central Processing Platform



Thai Binh FPSO



- Provision of Asset Integrity Management Services
- Review of Existing Systems, Procedures and Processes
- Provision of Asset Integrity System Document Gap Analysis
- Development of Asset Integrity Related Documentation e.g. Asset Integrity Strategy, Asset & Operations Integrity Risk Assessment procedure, Regulatory Compliance Matrix, Operating Standards Management procedure, Performance Assurance & Verification Standards, Anomaly Management Procedure, Maintenance Management procedure, Inspection Management Procedure, Structural, Pressure Systems, Tanks, Subsea, Pipelines, Pressure Relief Devices Integrity Management Procedures, Data Management & Analysis/Trending procedure, Repair & Modification Prioritisation Procedure, Task Backlog & Deferral Procedure, Corrosion Control & Degradation Management Procedure, Baseline Survey Procedure, Impairment Matrices etc.
- Site Inspection Services and Management
- FPSO Condition Assessment



SUMMARY TRACK RECORD

Diamond Offshore Drilling



Ocean BlackHornet

- Laser scan survey of moon pool area



SUMMARY TRACK RECORD

EnCana Corporation



Deep Panuke

- Asset Integrity Services
- Quality Assurance Services
- Inspection / NDT Services



SUMMARY TRACK RECORD

EnerMech



Harriet Alpha

- Crane Inspection



SUMMARY TRACK RECORD

Eni Australia



Blacktip

- Asset Integrity Management Services
- Inspection & NDT Services



SUMMARY TRACK RECORD

Ensco / Valaris



ENSCO 5004

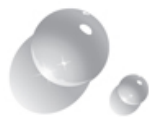


ENSCO 109



ENSCO DS-8

- ODIN Alternative UWILD
- ODIN Valve Isolation on Valve Repair
- NoMan Services
- Topsides Structural Inspections
- Installation of Inspection Hatches
- ODIN (Repair of jetting pipe lines)
- ODIN Inspection
- ODIN UWILD and SPS Survey



SUMMARY TRACK RECORD

Exmar



Kissama Accommodation
Barge

- ODIN Alternative UWILD





SUMMARY TRACK RECORD

ExxonMobil

Alma

Goldboro

Jade

North Triumph

Point Tupper

Hibernia

Sable

FPSO Kizomba A & B

- Asset Integrity Management Services
- Inspection Management
- Engineering Support
- Condition Monitoring
- Turn Around and Work Pack Preparation
- NDE Services - UT, MPI, LPI, Digital/Real Time Radiography
- Population of Meridium database for inspection and anomaly management
- Use of SAP for Planned Maintenance Inspections and Meridium Interface
- Provision of Fabric Maintenance Services
- Cathodic Protection Surveys
- Failure Analysis
- Fitness for Service Assessments
- Rapid detection of CUI
- Caisson Cleaning and Thickness Measurement
- ODIN UWILD





SUMMARY TRACK RECORD

ExxonMobil

South Venture

Thebaud

Venture

Zafiro Producer

Various Trading Ships

Kizomba A & B TLPs

- Asset Integrity Management Services
- Inspection Management
- Engineering Support
- Condition Monitoring
- Turn Around and Work Pack Preparation
- NDE Services - UT, MPI, LPI, Digital/Real Time Radiography
- Population of Meridium database for inspection and anomaly management
- Use of SAP for Planned Maintenance Inspections and Meridium Interface
- Provision of Fabric Maintenance Services
- Digital Radiography
- Client Rep Subsea Inspection
- Confined Space Rescue
- Removal and Re-installation of Insulation
- Corrosion Under Pipe Supports Project
- ODIN Alternative UWILDs
- ROV Surveys



SUMMARY TRACK RECORD

GEPsing



Aseng

- ODIN and NoMan – Pressure Vessel Shutdown Site Based Inspection



SUMMARY TRACK RECORD

Husky Energy



Various Onshore Assets



SeaRose FPSO

- Asset Integrity Management Services
- Development of Process Pressure Equipment, Tanks, Pipelines and Pressure Relief Equipment Integrity Strategies
- Review and Update of Corporate Asset Integrity Philosophy and Strategy
- Regulatory Compliance Matrices
- Asset Integrity Workscope & Budget Development
- Vibration Survey
- Tank Capacity Tests



SUMMARY TRACK RECORD

Jadestone Energy

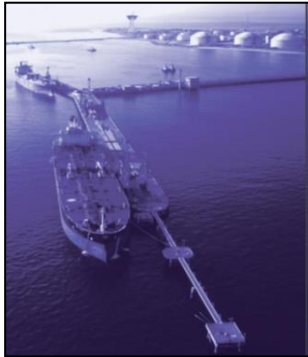


Stag Fixed Platform

- NoMan Inspection Survey to scope up PV inspection requirements for shutdown



SUMMARY TRACK RECORD KBR - AMCDE



Yanbu Marine Terminal

- NoMan Slide Bearings Inspection



SUMMARY TRACK RECORD

M3Nergy



Perintis FPSO

- Site Structural Steel Repair Services
- Project Management Services
- Inspection / NDT Site Services
- Steel Renewal / Class Surveys



SUMMARY TRACK RECORD

Maersk / NSP



Gorm A & E



Maersk Curlew FPSO



Ngujima Yin FPSO



North Sea Producer FPSO

Rolf

Various Trading Ships

- Development & implementation of AIMS programs, IRM services
- Integrity Management Services
- Inspection Services - Primary Hull, Local Structures, Marine and Utilities Pipework, Process Pipework and Pressure Vessels
- NDE Services - UT, MPI, LPI, EC, TOFD, Weld Root, Class Surveys, MASS / CCTV, MOLE
- Repair & Maintenance Services – Steel Repairs, Coating Maintenance, Hydraulic Repairs etc
- Provision of IGLOO Hotwork Habitats





SUMMARY TRACK RECORD MODEC



Modec Venture MV11 FPSO

Stybarrow Venture MV 16 FPSO

Fluminense FPSO

Cidade de Macaé FPSO

MODEC T.E.N. MV25 FPSO

Raroa



- Asset Integrity management Services
- Inspection / NDT Site Services including UT, MPI, LPI, ECI, Class Surveys, MASS/CCTV, Thermography, Remote PV CVI
- Repair & Maintenance Site Services
- Project Management Support Services
- Management Consulting Services
- Hazardous Area Equipment Inspection Services
- ODIN Alternative UWILD Survey
- ODIN Inspection
- ODIN Repair
- Structural Steel Repairs
- Hull Baseline Survey
- Topsides Pressure Systems Baseline Survey
- Topsides Structures Baseline Survey
- Tank Inspection & Repairs



SUMMARY TRACK RECORD

Nalcor Energy



Lower Churchill Falls

- Quality Assurance Services



SUMMARY TRACK RECORD

Northern Oil & gas



Northern Endeavour

- Structural Inspections
- Tank Inspections



SUMMARY TRACK RECORD

NuStar Terminals



NuStar Terminal

- Develop and Implement O-AIMS Program for Facility Pipelines
- Develop O-AIMS Program for Dock Structures
- Annual Pipeline Inspections
- API 570 Inspections
- Real Time Radiography (RTR) for Corrosion Under Insulation (CUI)
- API 579 FFS Assessments
- Risk Based Assessments
- Structural Inspections Dock Loading Arms
- Basic Fabric Maintenance
- Non-destructive Examination (NDE) including Ultrasonic testing (UT), Magnetic Particle (MT) and Dye Penetrant (PT)
- Inspection for Corrosion Under Pipe Supports (CUPS)



SUMMARY TRACK RECORD

Ocean Rig



Ocean Rig Skyros



Ocean Rig Poseidon



Ocean Rig Mykonos

- ODIN Valve Isolation
- ODIN Alternative UWILD ROV inspection
- ODIN Isolation Valve and Stub Pipe repairs
- Inspection, AIMS; Repair & Maintenance; NoMan; HullGuard



SUMMARY TRACK RECORD

Orontide



FPSO Montara Venture

- Rope Access Support Services



SUMMARY TRACK RECORD

Pacific Drilling



Pacific Meltem

Pacific Bora

Pacific Scirocco

Pacific Khamsin

- Site Survey, Engineering Plan and installation of 21 ODIN Access Ports
- ODIN Alternative UWILD Surveys
- ODIN ROV Survey
- ODIN UWILD Critical Isolation Valve Inspections
- ODIN Structural Surveys
- ODIN UWILD ROV Surveys



SUMMARY TRACK RECORD

Pacific Drilling



Pacific Santa Ana



Pacific Mistral



Pacific Sharav

- Site Survey, Engineering Plan and installation of 21 ODIN Access Ports
- ODIN Alternative UWILD Surveys
- ODIN ROV Survey
- ODIN UWILD Critical Isolation Valve Inspections
- ODIN Structural Surveys
- ODIN UWILD ROV Surveys



SUMMARY TRACK RECORD

Parker Kaefer



West Aquarius

- Repair & Maintenance on Insulation



SUMMARY TRACK RECORD

Petrobras



P-37

PGP-1

- Life Extension Studies (O-AIMS)



SUMMARY TRACK RECORD

Petro-Canada



Terra Nova FPSO

- Asset Integrity Management Services
- Inspection Management
- Condition Monitoring
- Repair & Maintenance Site Services
- Project Management of Dry docking, Turn Arounds and Work Pack Preparation
- NDE Services - UT, MPI, LPI, EC, TOFD, Weld Root, Class Surveys, MASS
- CUI specialist services
- Provision of IGLOO Hotwork and Environmental Habitats and TOPCAT staging



SUMMARY TRACK RECORD

Petrofac



FPSO Opportunity

FPP3 FPSO



- NDE Services - UT, MPI, LPI, EC
- Class Surveys
- Structural Repair Survey
- Supervision of Structural Repairs



SUMMARY TRACK RECORD

Quadrant Energy



Stag Platform

- Asset Integrity Management Services



SUMMARY TRACK RECORD

Talisman / Repsol Sinopec



Bleo Holm

- NoMan Remote Cargo Oil Tank and Slop Tank Inspections
- HullGuard ICCP System



SUMMARY TRACK RECORD

Rubicon



Rubicon Intrepid FPSO



Rubicon Vantage FPSO

- Inspection Services
- Repair & Maintenance Site Services
- Project Management Support Services
- Management Consulting Services
- NDE Services - UT, MPI, LPI, MASS / CCTV, Remote PV CVI
- Repair & Maintenance ODIN (repair)



SUMMARY TRACK RECORD

Saipem



Gimboa FPSO

- Torsional Vibration Analysis
- Flare Tip Replacement

Cidade de Vitória





SUMMARY TRACK RECORD SBM

Aseng FPSO

Capixaba FPSO

Deep Panuke

Espírito Santo FPSO

FPSO II

FPSO XV Domy

Frade FPSO

Kikeh FPSO

Kuite FPSO

Marlim Sul FPSO

Cidade de Saquarema FPSO

Fleet Wide:

- Asset Integrity Management and Engineering Services(O-AIMS)
- Process Pressure Equipment Risk Based Inspection and Integrity
- Structural Integrity and Inspection
- Baseline Surveys
- ODIN Alternative UWILD
- ODIN Inspection
- Specialised inspection and NDT
- Ex equipment (HAE) Inspection Services
- Repair & Maintenance
- NoMan
- HullGuard
- ExPert
- CUI
- Laser Scanning

Deep Panuke:

- Overflow Drains Modification
- H₂S Excursion Study
- DigiRad and UT Piping Inspections
- Prepare Piping Sheets for ACET Upload
- Inspection of HP Flare System Piping





SUMMARY TRACK RECORD SBM

Mondo FPSO

Rang Dong I FPSO

Saxi Batuque FPSO

Serpentina FPSO

Tantawan Explorer FPSO

Cidade de Anchieta FPSO

Cidade de Paraty FPSO

Cidade de Ilhabela FPSO

Cidade de Marica FPSO

- Asset Integrity Management Services including development of Process Pressure Equipment Risk Based Assessments, Corrosion Risk Assessment and Criticality Analysis, review and update of corporate Corrosion Risk Assessment Strategy, review of corporate Criticality Assessment Strategy, Sand Erosion RBA, Sour Gas Service RBA, Risk Based Inspection Plans & Work Packs
- Inspection Site Services
- Repair & Maintenance Site Services
- Project Management Support Services
- Management Consulting Services
- NDE Services - UT, MPI, LPI, EC, Class Surveys, MASS / CCTV, MOLE.
- Baseline Inspection
- Life Extension Study
- Flare Tip Repair and Replacement





SUMMARY TRACK RECORD SBM

Brasil FPSO

N'Goma FPSO

Xikomba FPSO

Yetagun FSO

Turritella FPSO

- Asset Integrity Management Services including development of Process Pressure Equipment Risk Based Assessments, Corrosion Risk Assessment and Criticality Analysis, review and update of corporate Corrosion Risk Assessment Strategy, review of corporate Criticality Assessment Strategy, Sand Erosion RBA, Sour Gas Service RBA, Risk Based Inspection Plans & Work Packs
- Inspection Site Services
- Repair & Maintenance Site Services
- Project Management Support Services
- Management Consulting Services
- NDE Services - UT, MPI, LPI, EC, Class Surveys, MASS / CCTV, MOLE.
- Baseline Inspection
- Life Extension Study
- ODIN Port Installation and Valve Inspection, Stub Pipe and Sea Chest Survey



SUMMARY TRACK RECORD

Seadrill



West Jupiter

- ODIN UWILD ROV Survey





SUMMARY TRACK RECORD

Shell

Anasuria FPSO

Auk Alpha

Brent A, B, C & D

Brent Spar

Cormorant Alpha

Dunlin Alpha

Eider A

Eugene Island

- Asset Integrity Management
- Inspection Site Services
- Repair & Maintenance Site Services
- NDE Services - UT, MPI, LPI, EC, Class Surveys, MASS / CCTV





SUMMARY TRACK RECORD

Shell

Fulmar FSU

Gannet

Indefatigable

Kittiwake

Leman

North Cormorant

Tern A

Various Trading Ships

- Asset Integrity Management
- Inspection Site Services
- Repair & Maintenance Site Services
- NDE Services - UT, MPI, LPI, EC
- Class Surveys, MASS / CCTV



SUMMARY TRACK RECORD

Tanker Pacific



Raroa FPSO

- Site Inspection Services
- Project Management Services
- Structural Repair Site Services
- Provision of IGLOO Hotwork Habitats





SUMMARY TRACK RECORD

Total / BV EM&I

North Alwyn A & B

Dunbar

Elgin / Franklin

St Fergus Terminal

MCP-01

- Integrity Management Services
- Engineering Support (Corrosion Structural, Process etc)
- Provision and population of Fame+ RBI Integrity database and UNISUP database
- Provision of Inspection Management Services
- Site Inspection Services (Offshore Inspection Engineers and Inspection Teams)
- Provision of Site Activity Procedures (Inspection, Access etc), Corrosion Management
- Anomaly Management
- Specialist Repairs and Fabric Maintenance Services
- Helideck Repairs
- Trigger Line Pipework Replacement
- Flare Tip Replacements



SUMMARY TRACK RECORD

Transocean



DD1

Petrobras 10000

Deepwater Corcovado

- ODIN Remote Valve Isolation
- Repair & Maintenance, ODIN
- ODIN Valves Ports Installation and Inspection



SUMMARY TRACK RECORD

UPS (Upstream Production Solutions)



Northern Endeavour

- NoMan Remote Tank Inspection
- Conventional Cargo Tank Inspections
- NII Vessel Inspections



SUMMARY TRACK RECORD

Vaalco Energy



Petroleo Nautipa

- Inspection - Life Extension Condition Assessment and Life Extension Services



SUMMARY TRACK RECORD

Vantage Drilling



Platinum Explorer

- ODIN Alternative UWILD Survey
- UWILD Inspection on Jack Up Spud Cans

Tungsten Explorer



Sapphire Driller



SUMMARY TRACK RECORD

Wood Group



Triton 1

- Acoustic Leak Detection





SUMMARY TRACK RECORD

Woodside

Cossack Pioneer FPSO

Northern Endeavour FPSO

Nganhurra FPSO

Ngujima Yin FPSO

Okha FPSO

- Asset Integrity Management, Services
- Inspection Site Services
- Repair & Maintenance Site Services
- Project Management Support Services
- Management Consulting Services
- NDE Services - UT, MPI, LPI, EC, Class Surveys, MASS / CCTV Thermography, Remote PV CVI
- Provision of IGLOO Hotwork Habitats
- TOPCAT Overside Coating and Welding Repairs
- RTM Blasting/Coating and Deck Grating Replacement

