





WELL EXPERTISE

Well Expertise Verification Report


Archer wireline deliveries to Oselvar PP&A

AUDITEE Archer	DATE 08/04/2021		
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DOCUMENT APPROVAL			
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Verification Report - Archer wireline deliveries to Oselvar PP&A

[OSE-DNO-S-RA-0035] Verification Report - Archer wireline deliveries to Oselvar PP&A
Revision date: 08 April 2021 Rev. 02

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Security Classification	
Open	No consequence Information that has already been published (e.g. on Internet or in brochures) or released for publication by competent unit shall be classed 'Open'
Internal	Negligible consequence Information that may be disclosed to all employees of BU shall be classed as 'Internal'
Restricted	Minor, moderate or serious consequence Information that may only be disclosed to those employees who require such information for performing their tasks (e.g. department, project group) shall be classed Restricted
Confidential	Severe, major or catastrophic consequence Information to which only employees identified by name in a distribution list may have access shall be classed Confidential

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1 Introduction

DNO Norge AS (DNO) will be conducting Permanent Plug and Abandonment (PP&A) on the Oselvar field with the semi-submersible drilling rig Borgland Dolphin with planned start up in end March 2021.

A risk-based approach is applied for follow up of contractors and subcontractors and an audit, review, and verification (ARV) plan has been established to assure DNO that critical activities and services related to the project are following contractual and regulatory expectations. The main goal is to ensure that DNO, contractors and subcontractors involved in the DNO operations, are competent to perform the activities in a safe and prudent manner.

As a part of the ongoing preparations for the upcoming activities, DNO performed a verification of Archer on their planning and readiness related to their scope of work delivery, wireline services.

The verification was conducted 3rd of March 2021 on Teams according to agenda and timing given in [Chapter 3](#).

2 Scope of the verification

Archer was asked to present information to cover the topics listed below:

Scope

1. Short company information/presentation (DNO, Archer)
2. Quick summary of Management system (Archer)
 - Management system interface towards rig procedures and processes
 - HSEQ reporting/system
 - Lessons learnt and implementation of lessons learnt, with relevant example(s).
 - Statistics and performance on NCS and Borgland Dolphin in particular
 - Historical ROV failures on Borgland Dolphin & how they were resolved or overcome
 - Explain issues (if any) and experiences on previous operations
3. Service delivery and SoW (Archer)
 - Personnel
 - Selection of personnel to support DNO for the Oselvar PP&A project.
 - Borgland Dolphin specific experience and competence of offshore and onshore personnel.
 - Relevant competence and training of offshore personnel.
 - Assurance that the Coordinator is following the projects through.
 - Equipment
 - Please explain internal procedure checking and measuring equipment prior to shipment.
 - Please explain how to ensure equipment availability.
 - Please explain how quality control of equipment incl. maintenance, certification is maintained.
4. Presentation of Oceaneering handling/risk assessments of the COVID-19 pandemic with mitigating measures.

The verification team received the following documentation prior to the verification:

- ISO 9001:2015 certificate
- Contract review Procedure
- Quality Plan – ref. ISO 10005
- Quality Audit Plan
- Non-conformities/Corrective Actions
- Integration of Regulations
- Competence and Training System
- Handling of pandemic situation procedure

3 Time Plan/Agenda

Time	Agenda
08:30 – 08:45	Presentation of attendees and background for the verification (DNO/Archer)
08:45 – 09:30	Presentation of the Management System (Archer)
09:30 – 10:00	Presentation of Service delivery and SoW- Personnel (Archer)
10:00 – 10:30	Presentation of Service delivery and SoW- Equipment (Archer)
10:30 – 10:45	Break
10:45 – 11:30	Presentation of Covid-19 handling/RA and mitigating measures (Archer)
11:30 – 11:45	Verification Team Internal Summary (DNO)
11:45 – 12:00	Verification Closure Meeting (DNO/All)

4 Participants

DNO Norge	Archer
Lars Solvang – Completion Engineer & Verification Team Lead	Olav Edland - Operations Manager Mechanical Wireline Norway
Grethe Lønø - Sr. Drilling Engineer	Ove Talgø – Supervisor Wireline Norway
Eirik Enge – Senior HSE Advisor	Geir Rolstad Larsen - Lead Security & QHSSE Wireline
Anniken B. Meisler - HSEQ Coordinator	Morten Haugvaldstad - Wireline Operations Lead
Ronald Medina – Senior Completion Engineer	Anette Molven - HR Coordinator

Documented participation is shown in [Appendix B](#).

5 Summary

The goal with the verification was to verify Archer SoW readiness for the Oselvar PP&A operations and to identify possible areas for improvement ([Chapter 2](#)).

The verification was held in a good atmosphere, the Archer participants were very open and willing to explain and share information.

Our general impression is that Archer will strengthen the deliveries for the DNO operations, especially with the experienced crew. Compass and the easy navigation in this system, systems for tools and deliveries, and the use of Synergi, stands out as robust.

5.1 Findings

Two (2) observation was identified in the verification.

Observation	Responsible	Deadline
Archer's Quality Plan (MS000-2-15256) refers to ISO 10005:2015 Guidelines for quality plans), but this standard is updated in 2018. Archer to update the Quality plan template and secure that coming Quality Plans are according to the latest revision.	Archer	14.04.2021
Archer's Quality Plan (MS000-2-15256) refers NORSOK S-006. This is replaced with NORSOK WA-S-006:2020. Archer to document that they follow the latest version in their business and when evaluating contractors.	Archer	14.04.2021

The verification team request a feedback on status and how these observations will be handled within the given deadline.

5.2 Follow-up actions

Some follow-up actions were identified in the verification, ref. table below. The follow-up and closing of these actions will be handled between the contact persons in the respective companies.

Follow Up Actions	Responsible	Deadline
Send a list of Synergi reports showing incidents related to equipment last 3 years (any on Borgland?)	Archer	12.04.2021
Status regarding ISO 45001:2018 Occupational health and safety management system	Archer	12.04.2021
Provide names of personnel (6) dedicated to DNO, incl. experience	Archer	ASAP

Follow Up Actions	Responsible	Deadline
Submit general and overall Covid-19 risk assessment	Archer	12.04.2021
Archer and DNO to submit presentations, and Archer to send name and position for the persons present	Archer & DNO	Done
Information related to Dolphin's HSE courses	DNO	Given below

Information on Dolphins courses:

- All personnel staying onboard Borgland need Dolphin Drilling's HSE Induction course (2 years validity) and Traveling and Living Onboard course ("eternal" validity).
- Archer must provide access to their respective employees. The company must have a dedicated administrator (Anette). If new administrator is to be entered in Trainingportal, they must send the full name and e-mail address of the admin to Else Østebø at Else.Ostebo@dolphindrilling.com.

6 Appendices

[Appendix A](#): Notification letter

[Appendix B](#): "Signature list"

Appendix A – Verification notification

DATE and TIME : 03.03.2021, at 08.30 - 12.00
 WHERE : Online on Teams
 TO : Archer
 ATT. : Olav Edland
 E-MAIL : olav.edland@archerwell.com
 OUR REF. : Oselvar PP&A delivery verification
 COPY TO : Arild Lund, Eirik Enge, Einar Framnes, Stein A. Tonning, Bjarne Syre, Morten Laget, Sigve K. Næsheim, Stig Seland, Anniken B. Meisler, Grethe Lønø, Ronald Medina
 FROM : Lars Solvang
 E-MAIL : lars@wellexpertise.com
 MOBILE : +47 971 49 025

NOTIFICATION OF VERIFICATION WIRELINE & SLICKLINE OPERATIONS AT BORGLAND DOLPHIN

Dear Olav.

As a part of the ongoing preparations for our permanent plugging and abandonment (PP&A) of the Oselvar wells, DNO Norge AS (DNO) plan to perform a Verification of Archer Norge (Archer) on planning and readiness related to the RfQ - Wireline and Slickline Services - PL274 Oselvar P&A.

We plan to perform the verification 3rd of March 2021 according to agenda and timing given below. The verification will be performed on Teams.

Scope

1. Short company information/presentation (DNO, Archer)
2. Quick summary of Management system
 - Management system interface towards rig procedures and processes
 - HSEQ reporting/system
 - Lessons learnt and implementation of lessons learnt, with relevant example(s).
 - Statistics and performance on NCS and Borgland Dolphin in particular
 - Explain issues (if any) and experiences on previous operations
3. Service delivery and SoW
 - Personnel
 - Selection of personnel to support DNO for the Oselvar PP&A project.
 - Borgland Dolphin specific experience and competence of offshore and onshore personnel
 - Relevant competence and training of offshore personnel.
 - Assurance that the Coordinator is following the projects through.
 - Equipment
 - Please explain internal procedure checking and measuring equipment prior to shipment.
 - Please explain how to ensure equipment availability

- Please explain how quality control of equipment incl. maintenance, certification is maintained
- 4. Please present Archers handling/risk assessments of the COVID-19 pandemic with mitigating measures

Timing

03.03.2021, online via Teams.

Indicative time plan:

08.30 – 08.45 Presentation of attendees and background for the verification (DNO/Archer)
 08.45 – 09:45 Presentation of Management System (Archer)
 09:45 – 10:00 Presentation of Service delivery and SoW - Personnel (Archer)
 10:00 – 10:15 Break
 10:15 – 11:00 Presentation of Service delivery and SoW - Equipment (Archer)
 11:00 – 11:30 Presentation of Covid-19 handling/RA and mitigating measures (Archer)
 11:30 – 11:45 Verification Team Internal Summary (DNO)
 11:45 – 12:00 Verification Closure Meeting (All)

Please send email addresses of relevant Baker Hughes personnel to the undersigned for invitation to this verification activity in Teams.

Request for information

Prior to the verification, and within 26.02.2021, the verification team would like to receive the following documentation:

- Relevant QHSE procedures (related to scope)
- Verification reports
 - Audit and verification plan for 2021
 - Internal audits/verifications relevant for Oselvar PP&A project (last year)
 - External audits done by 3rd parties (last 3 years)
- Project Specific Organogram
- Project Specific Competence and training documentation
- Procedure(s) for checking and measuring equipment

The verification team

Lars Solvang	Completion Engineer, DNO	Verification Team Lead
Anniken B. Meisler	HSEQ Coordinator, DNO	HSEQ Auditor
Grethe Lønø	Senior Drilling Engineer, DNO	Participant
Eirik Enge	HSE Advisor, DNO	Participant
Ronald Medina	Senior Completions Engineer	Participant

Reporting

The verification team will present a summary with observations and/or improvement items in a closing meeting at the end of the verification. The formal report will be issued within two (2) weeks after the verification.

Please confirm by e-mail (lars@wellexpertise.com) that date and timing for this verification is OK for required Archer personnel.

If need for clarifications related to this notification or the verification activity, please contact the undersigned.

Kind Regards,



Lars Solvang
Verification Team Lead
Well Expertise AS, on behalf of DNO
lars@wellexpertise.com
+47 971 49 025

Appendix B – Participants, « Signature List »

As the verification was held on Teams, a screenshot of the persons present was taken to document presence.

