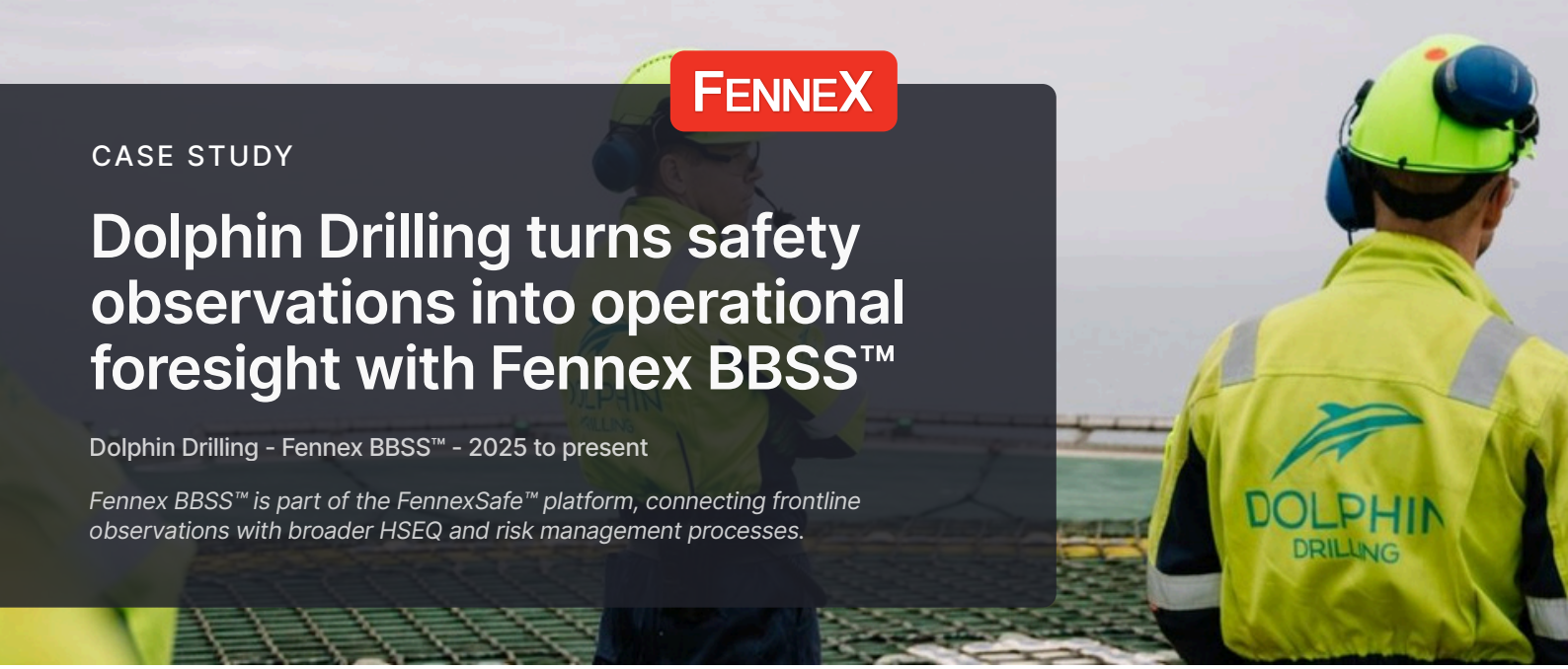


FENNEX

CASE STUDY

Dolphin Drilling turns safety observations into operational foresight with Fennex BBSS™

Dolphin Drilling - Fennex BBSS™ - 2025 to present

Fennex BBSS™ is part of the FennexSafe™ platform, connecting frontline observations with broader HSEQ and risk management processes.

Executive Summary

Dolphin Drilling partnered with Fennex to transform its safety observation programme, turning frontline reporting into actionable operational insight.

By replacing manual processes with a connected digital workflow, the organisation reduced administrative burden, increased workforce participation, improved reporting quality, and strengthened visibility of emerging risks. Today, safety observations are not simply captured and recorded, they are actively used to identify trends, prioritise interventions, and support operational decision-making across Dolphin Drilling's offshore assets.

40+

sub-contractor organisations engaged

73%

unsafe conditions resolved within 7 days

1K+

hours saved annually through reduced admin

DOLPHIN DRILLING

"We already had a strong safety culture. What Fennex BBSS™ gave us was the visibility and follow-through to back it up. Our teams now know what to focus on because they can see it directly from the data, and that's made all the difference."

-Graeme Christie, VP HSEEQ

The Challenge

Dolphin Drilling already had a strong safety culture and an established safety observation programme across its offshore drilling fleet. The challenge was not workforce engagement. It was visibility, efficiency, and follow-through. Safety observations were primarily paper-based, creating friction throughout the reporting process.

Crew members completed observation cards manually, after which HSE personnel were required to transfer each card into a digital system. On busy days, this could mean processing 80 to 100 cards individually. As well as creating a significant administrative burden, the process limited the organisation's ability to analyse trends, identify recurring risks, and ensure issues were consistently followed through to completion.

Paper observations & manual data entry

Limited trend and risk analysis

Poor visibility of action closeout

Mixed digital maturity levels

As Gavin Haxton, HSEEQ Advisor at Dolphin Drilling, explains:
"Someone had to be assigned to do that. It was always going to be a natural progression moving to a system where we could remove that manual aspect."

The challenge became particularly apparent across Dolphin Drilling's two active rigs. The Paul B. Loyd Jr. had previously operated with digital safety systems during its time under Transocean and was familiar with electronic reporting processes. In contrast, the Blackford Dolphin had relied entirely on paper-based observations and had never used a digital safety platform before. Despite their different operating environments, both assets faced the same underlying challenge: valuable frontline safety information was being captured, but not being fully utilised to improve operational decision-making.

The Results

Increased participation and higher quality reporting

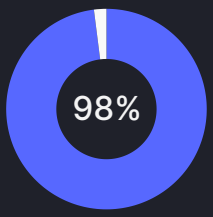
Over 10,000 observations have been submitted through BBSS™ across Dolphin Drilling's two rigs, with participation from more than 40 contractor organisations. While reporting volumes remained strong, the greatest improvement was the quality and consistency of reporting.

From observation data to operational awareness

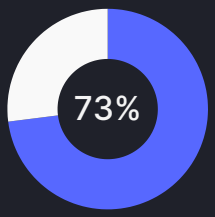
BBSS™ enables frontline observations to be analysed in real time, helping teams identify trends and focus on emerging risks before incidents occur. Following a client safety alert, Dolphin Drilling was able to instantly review related observations onboard and use the data to guide proactive intervention.

Corrective actions tracked through to closure

Unsafe conditions now automatically generate corrective actions that remain visible until completed. As a result, 98% of unsafe conditions have been closed out, with 73% completed within seven days. Automated feedback notifications keep submitters informed when actions are completed, helping maintain engagement and trust in the process.



Uncorrected unsafe conditions closed out



Uncorrected unsafe conditions closed out within 7 days

More time focused on safety

By eliminating manual data entry, BBSS™ saves HSE personnel an estimated 30–60 minutes per day, allowing more time for workforce engagement, coaching, and proactive risk management.

The Solution

To address these challenges, Dolphin Drilling implemented Fennex's Behaviour-Based Safety Solution (BBSS™) across both rigs.

The platform digitised the entire observation process, allowing personnel to submit observations directly through mobile devices, tablets, or desktop computers, while continuing to operate effectively in offshore environments with limited connectivity.

The implementation focused on four key objectives:

- Simple, mobile reporting
- Real-time trend visibility
- Automated action management
- Closed-loop communication

The solution was designed to be simple for both core crew and third-party contractors to use without disrupting existing workflows. Within four weeks, 440 users had been onboarded across both assets.

Fennex BBSS™ did not create Dolphin Drilling's safety culture. It strengthened it.

By removing friction from reporting, improving visibility of emerging risks, and ensuring observations are translated into action, the platform has helped operational teams move from reactive reporting to data-driven decision-making.

Today, safety observations are not simply recorded. They are actively used to identify trends, prioritise interventions, and support day-to-day operational decision-making across Dolphin Drilling's offshore assets.

BBSS™ can be deployed as a standalone solution or as part of the wider FennexSafe™ platform for integrated HSEQ and operational risk management.

Learn more at: fennex.net/bbss

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