



OXALIS.IO

Offline Mobile Condition Found Reports (CFR)

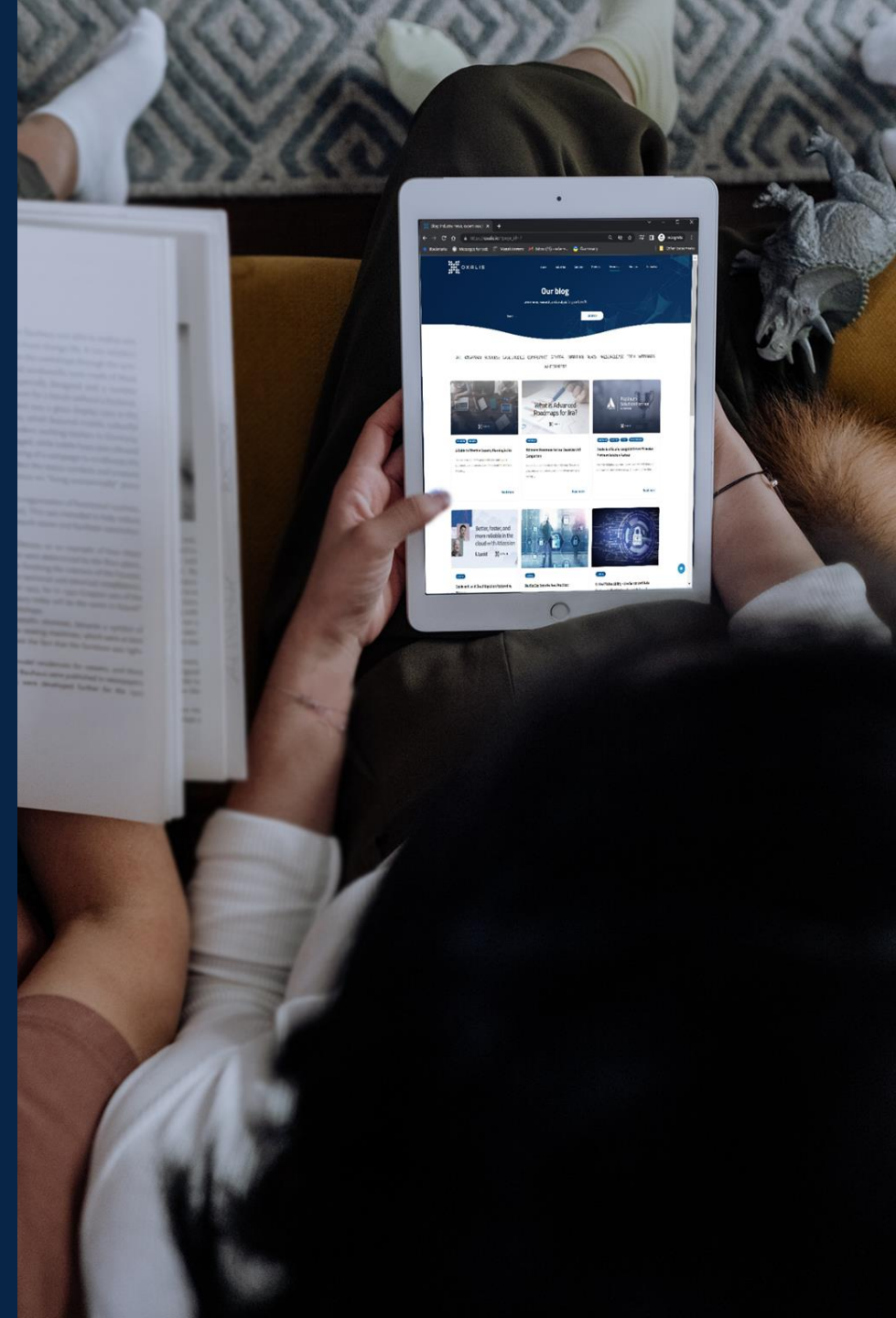
Sustainment Panel Session 9/6/2023

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Project Overview

Project Goal:

...to perform the configuration, training development and delivery, and field testing to make the existing solution viable and production ready for Condition Found Reports and Generic “Requests”



Oxalis Ship Repair System coordinates and manages work and document flows

✓ TIP Log

Key	Summary	Status	Wo
<input type="checkbox"/> NJ-3258	COATING INSPECTION	UNSATISFACTORY	123
<input type="checkbox"/> NJ-3266	BLASTING MIDPOINT MEDIA CONTAINMENT INSPECTION	UNSATISFACTORY	123
<input type="checkbox"/> NJ-3246	ENVIRONMENTAL READINGS	UNSATISFACTORY	123
<input type="checkbox"/> NJ-3516	Surface Profile	UNSATISFACTORY	123
<input type="checkbox"/> NJ-3268	CONDUCTIVITY OR CHLORIDE MEASUREMENT	PARTIAL	123

NJ-3268
CONDUCTIVITY OR CHLORIDE MEASUREMENT

▼ Details

Type: TIP Entry Status: **PARTIAL**

Priority: Routine (View Workflow)

Resolution: Done

General Checkpoint Calibrations **NMD** Project Info

Checkpoint Serial #: 3268

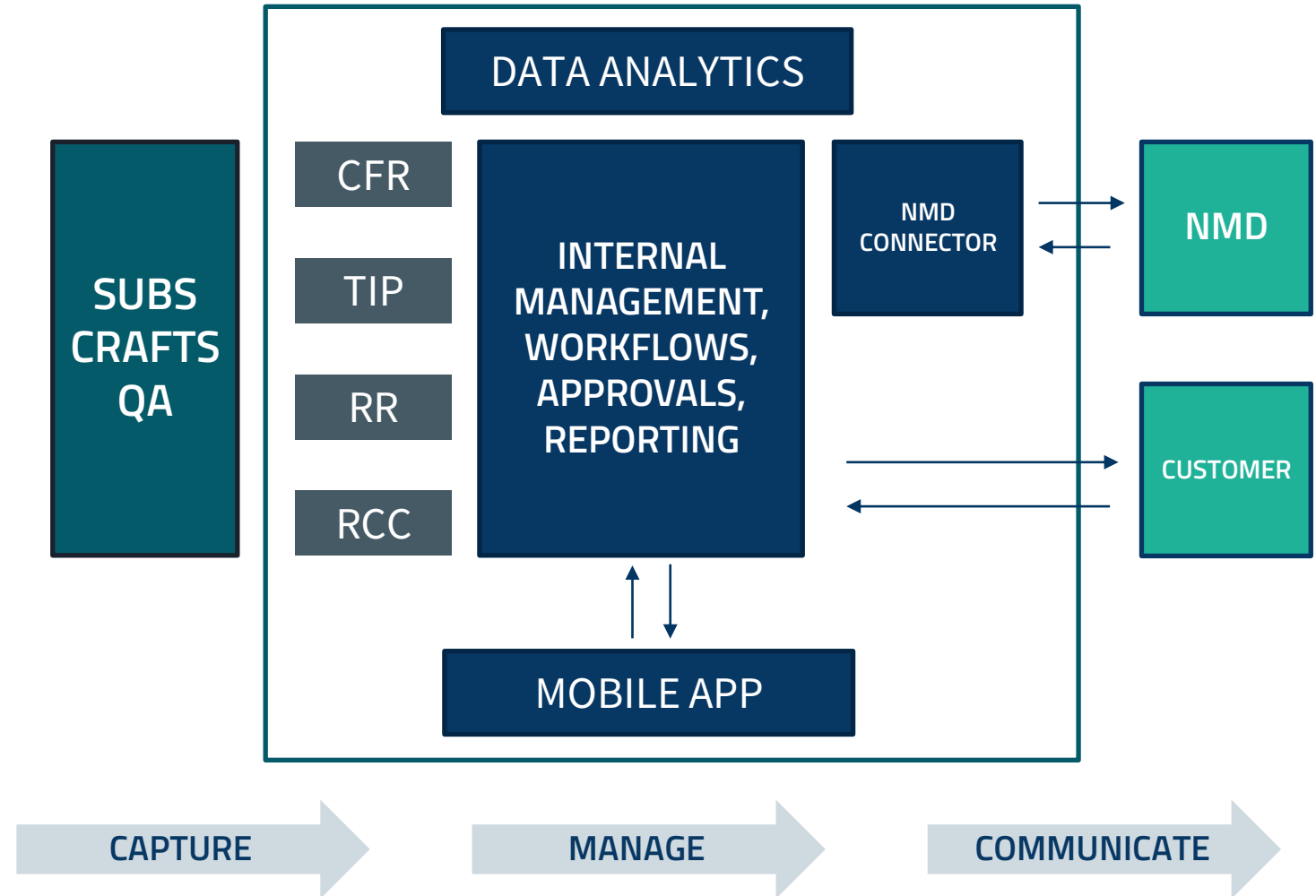
NMD Status: CONCUR

Government Status: CONCUR

Result Type: SATISFACTORY

Is Partial: Y

Partial Reason: Not all required pumps were accessible.



Built on a leading collaboration and service platform

Back to search | Crane / Crane 8

AS-5 Crane 8

Attachment Comment

Attributes Connected tickets Comments History

Name: Crane 8
Primary Contact: Brody Larson
Last Certification Date: 08/30/2022
Certification Expiration: 08/30/2025
Location: Pier 4a

Asset Tracking / Facilities Management



1.1.8.10 Dashboards Projects Issues Tempo Boards Plans Assets Create

ellence Dry Dock Repair

Milestone to Sub-task Filters 3M 1Y Fit Custom View sett

Issue	Target start	Status
MEDDR-4 200-00-001 Tank Preservation 24		COMPLETED
MEDDR-16 Blank all piping at first joint	07/Aug/23	SATISFACTORY
MEDDR-17 Wash, Blast, Coat	10/Aug/23	SATISFACTORY
MEDDR-3 300-00-001 Main Deck Structural Repairs		DEPLOYED
MEDDR-28 Initial Scaffolding	22/Aug/23	SCHEDULED
MEDDR-27 Final Touch Up	08/Sep/23	OPEN
MEDDR-22 Remove Interferences	11/Sep/23	OPEN
MEDDR-2 400-00-001 Gyro System Replacement		DEPLOYED
MEDDR-26 Remove Foundational Units	21/Aug/23	SCHEDULED
MEDDR-25 Layout Fab Foundations	30/Sep/23	OPEN
MEDDR-24 Install two foundations	04/Oct/23	OPEN
MEDDR-23 Remove Equipment Switchboard	12/Oct/23	OPEN
MEDDR-21 Remove Gyrocompass Equipment	28/Oct/23	OPEN
MEDDR-20 Remove 795 Feet of cable	20/Nov/23	OPEN

Planning Schedules

Reports Planned vs Actual

MV Excellence Dry Dock Repair Save

1/Aug/23 - 31/Aug/23 Filter by Group by Account

PLANNED TIME: 63.3 ACTUAL TIME: 79.0 TIME VARIANCE: -24.7%

ACCOUNTS: Painters, Carpenters, Pipefitters

63.3 PLANNED TIME

Account	Planned Time	Actual Time
Painters	32.0	35.0

Time Tracking/ Manning

OSRS USS Nathan James

Create a request for the USS Nathan James project here.

What do you need help with?

Search

Condition Found Report

Work Authorization Form

Customer Collaboration – Portal



Project Schedule

Jan	Feb	Mar	Apr	May	June	July	Aug
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Planning

Specification Development

System Configuration

Training Development

Test Planning

Field Testing

Result Reporting

▲ Project Kickoff (1/19)

▲ Project Plan (1/26)

▲ Mid-Project Report (4/13)

▲ Test Plan (4/13)

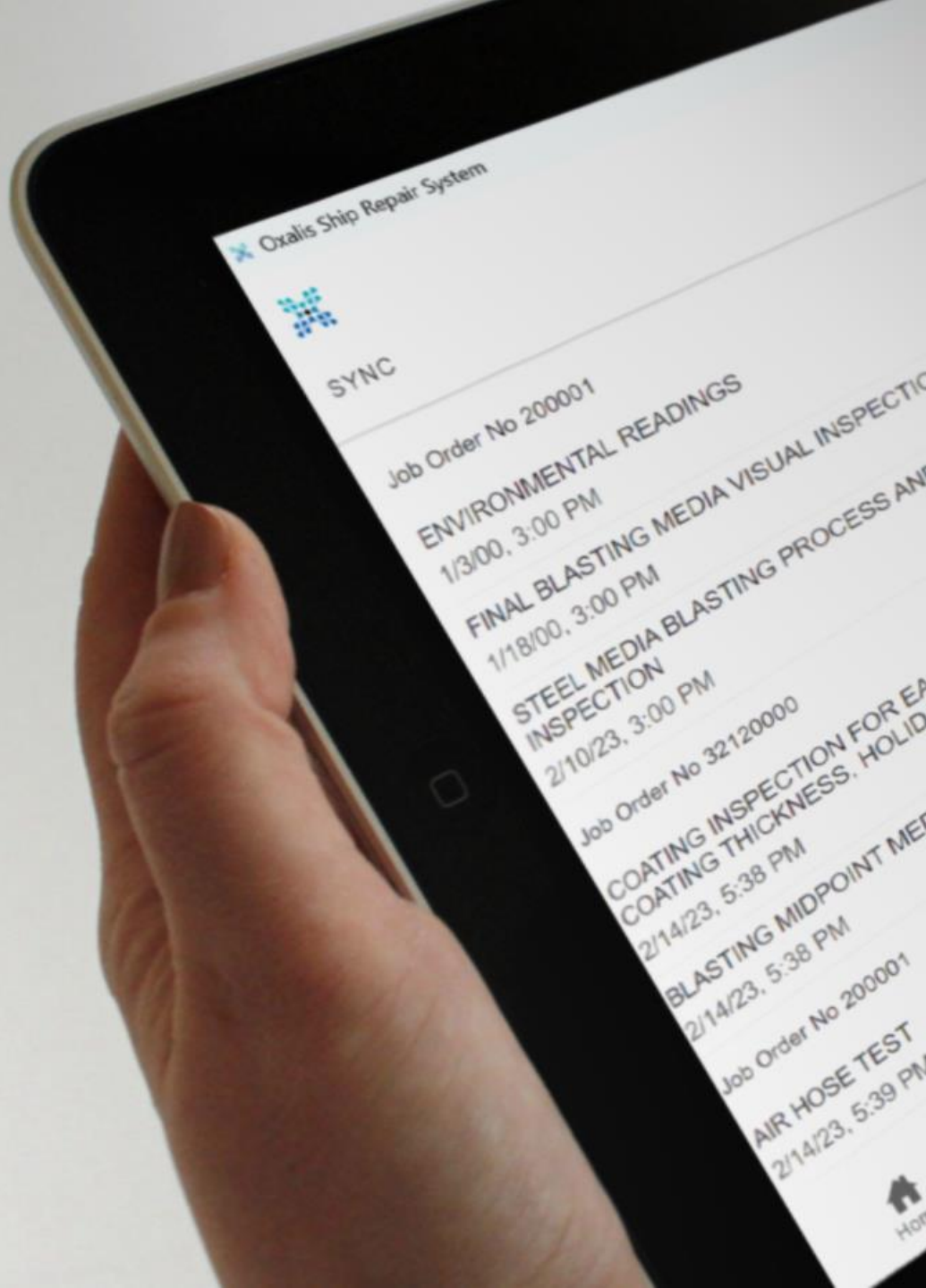
Final Report (8/18)▲

▲ Training Process (3/16)

Pilot Results (7/14)▲



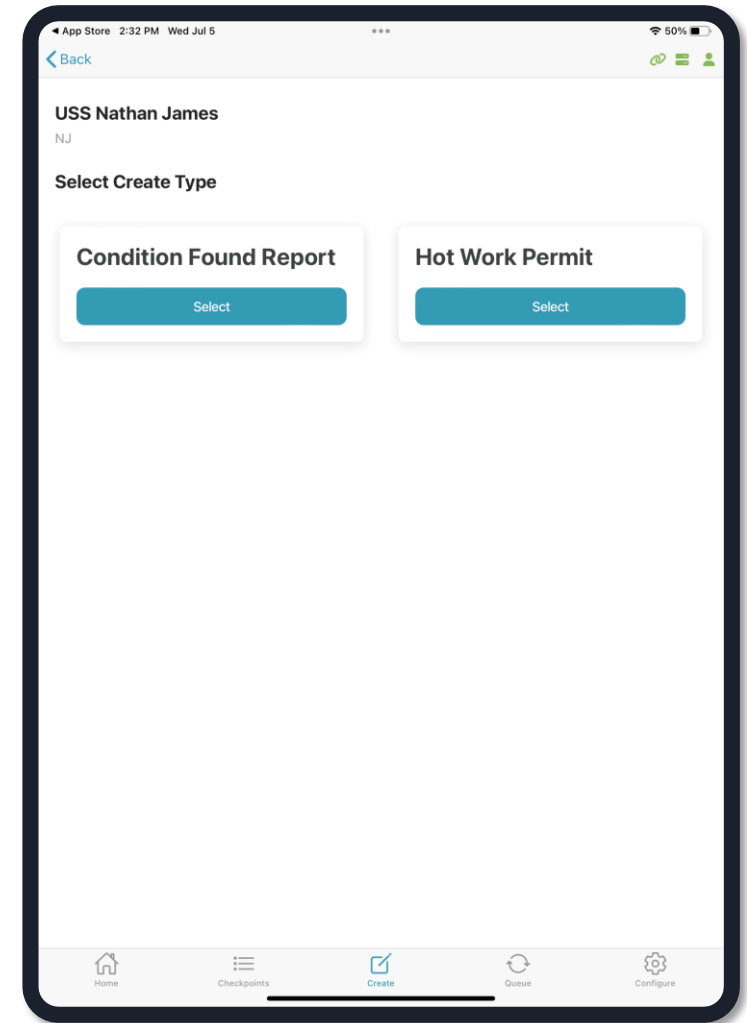
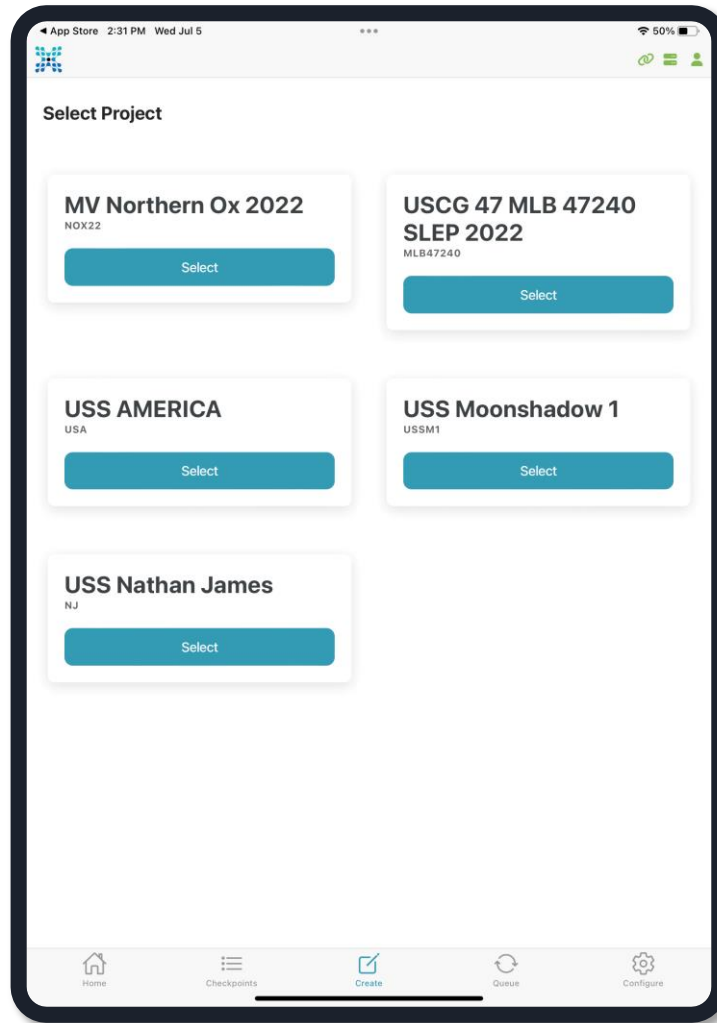
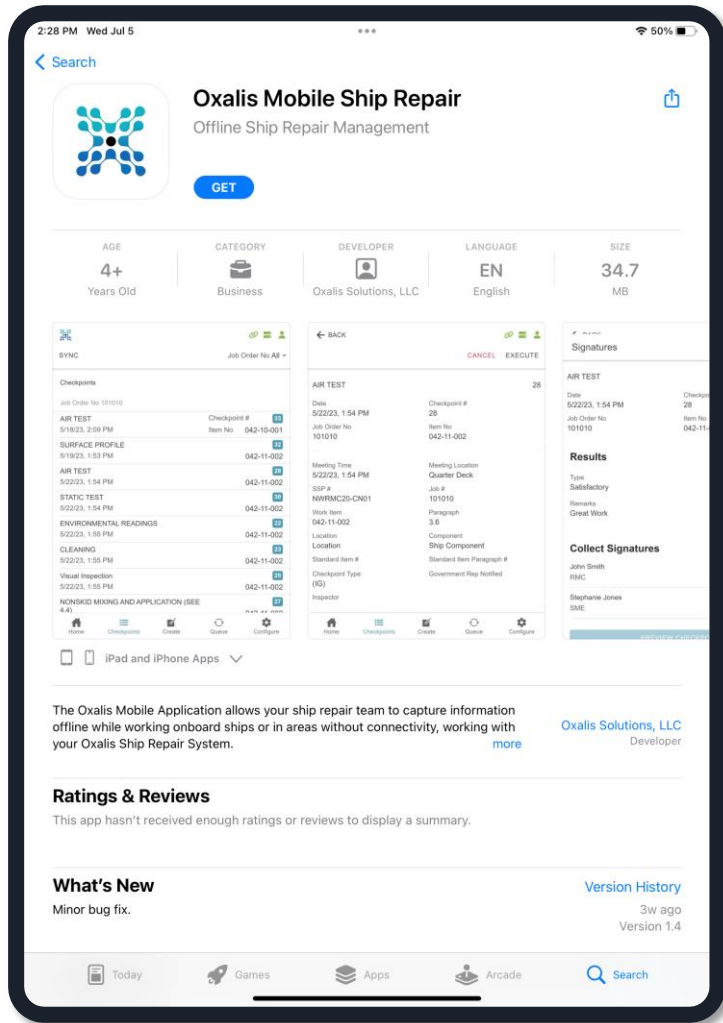
Technical Progress



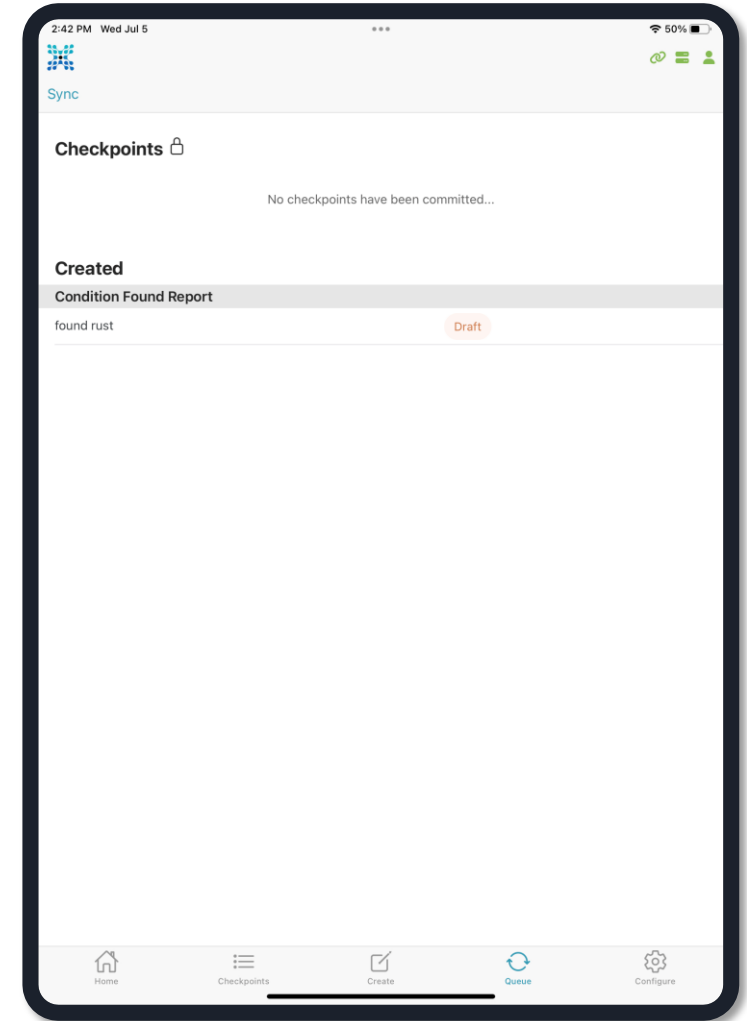
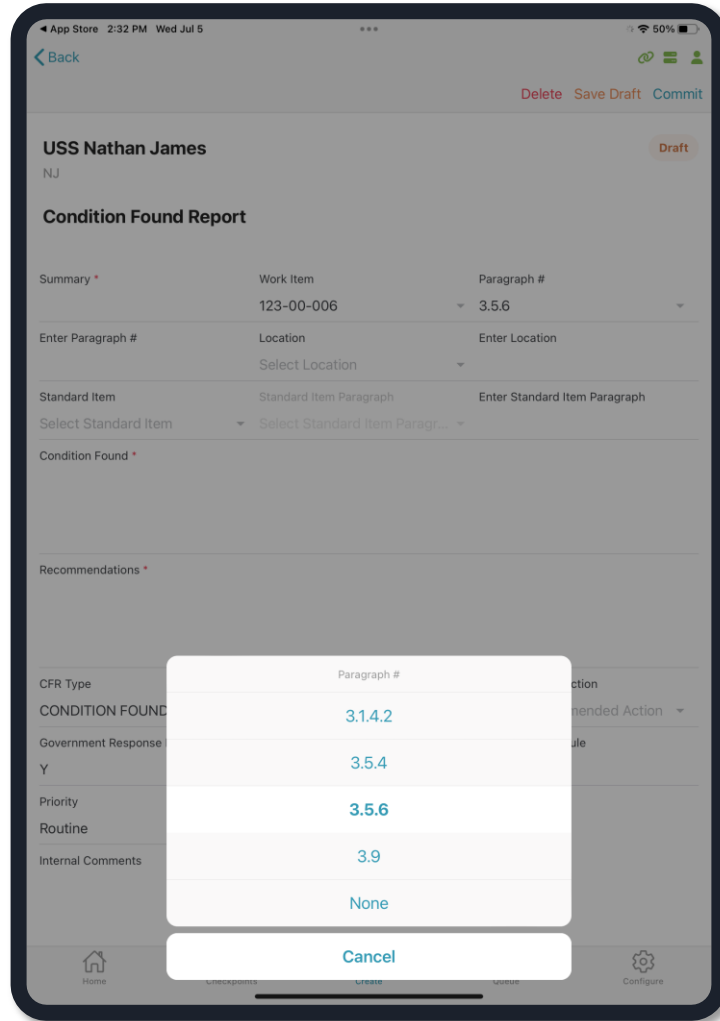
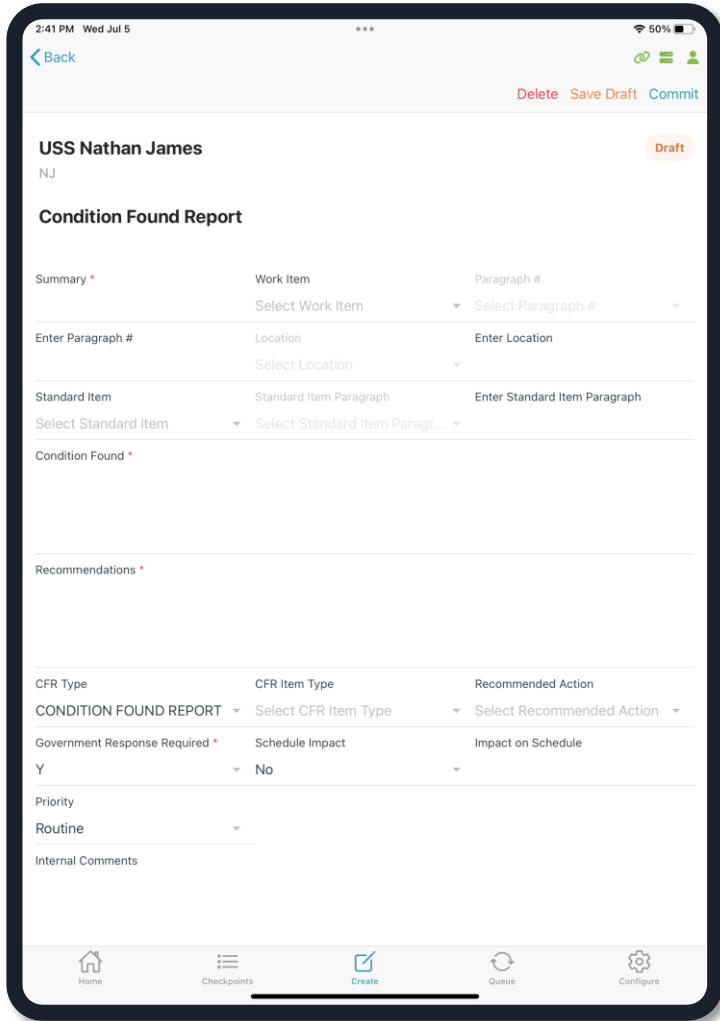
Technical Work Completed

- ✓ System Configuration
- ✓ Synthetic Configuration Testing
- ✓ Development changes
- ✓ Iteration based on feedback

Process Screenshots (1/2)

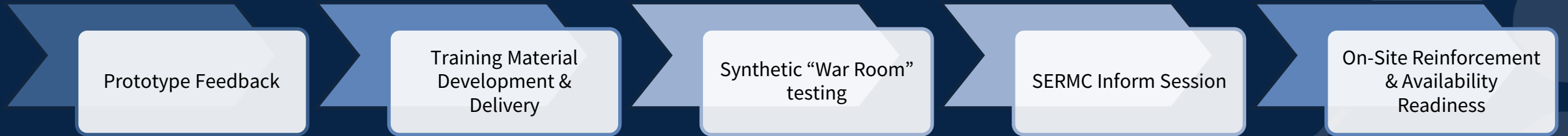


Process Screenshots (2/2)

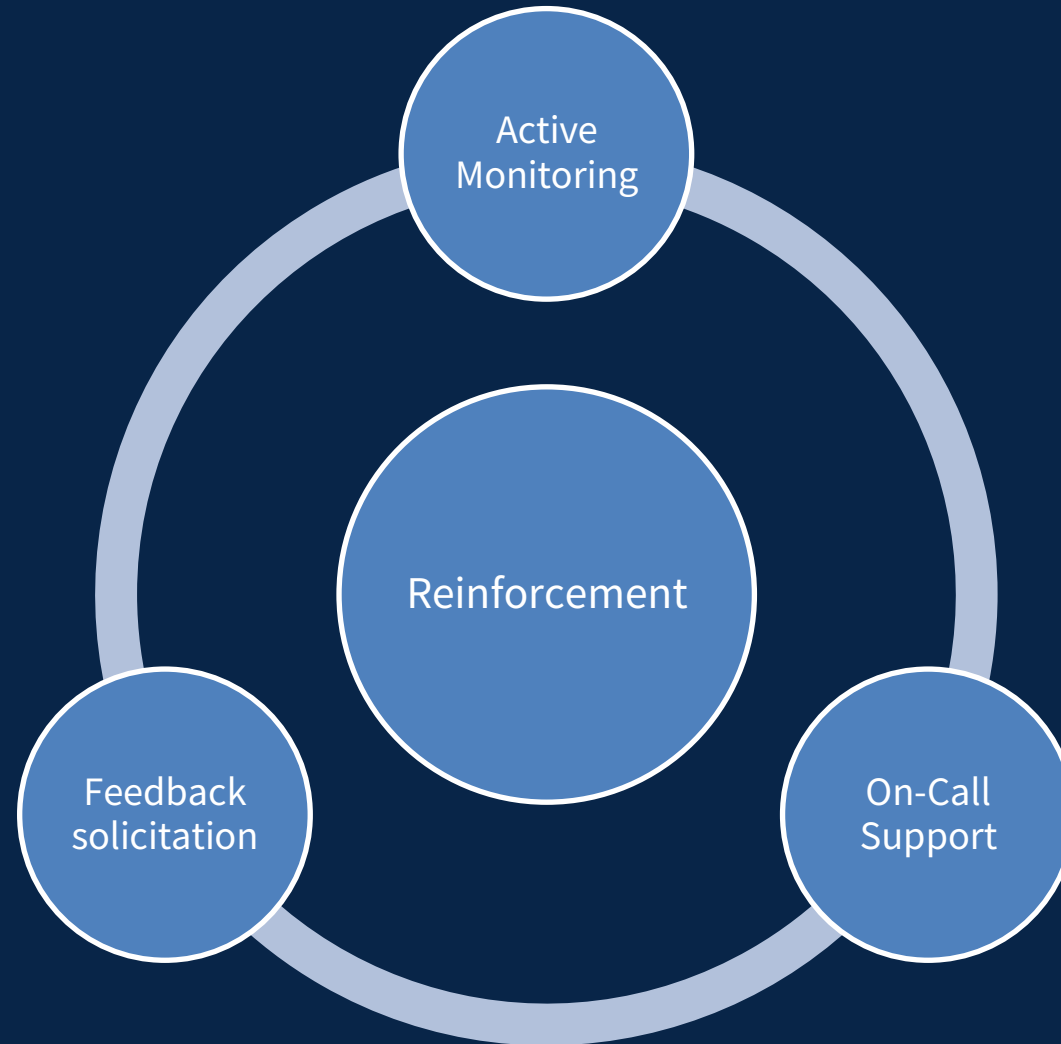


Rollout Status

Field deployment for the pilot availability completed successfully.



Oxalis has been providing support for both people and the technology through the pilot.



Project Learnings



**We've focused on process to
ensure technology is *adopted*,
not just functional**



We knew 'draft' capture was going to be important, but it is in fact *Critical*.

Rapid Capture

- Minimal information captured on-site
- Time to capture and move on critical

Multi-Stage Refinement

- Refinement in-application
- Finalization back in the office



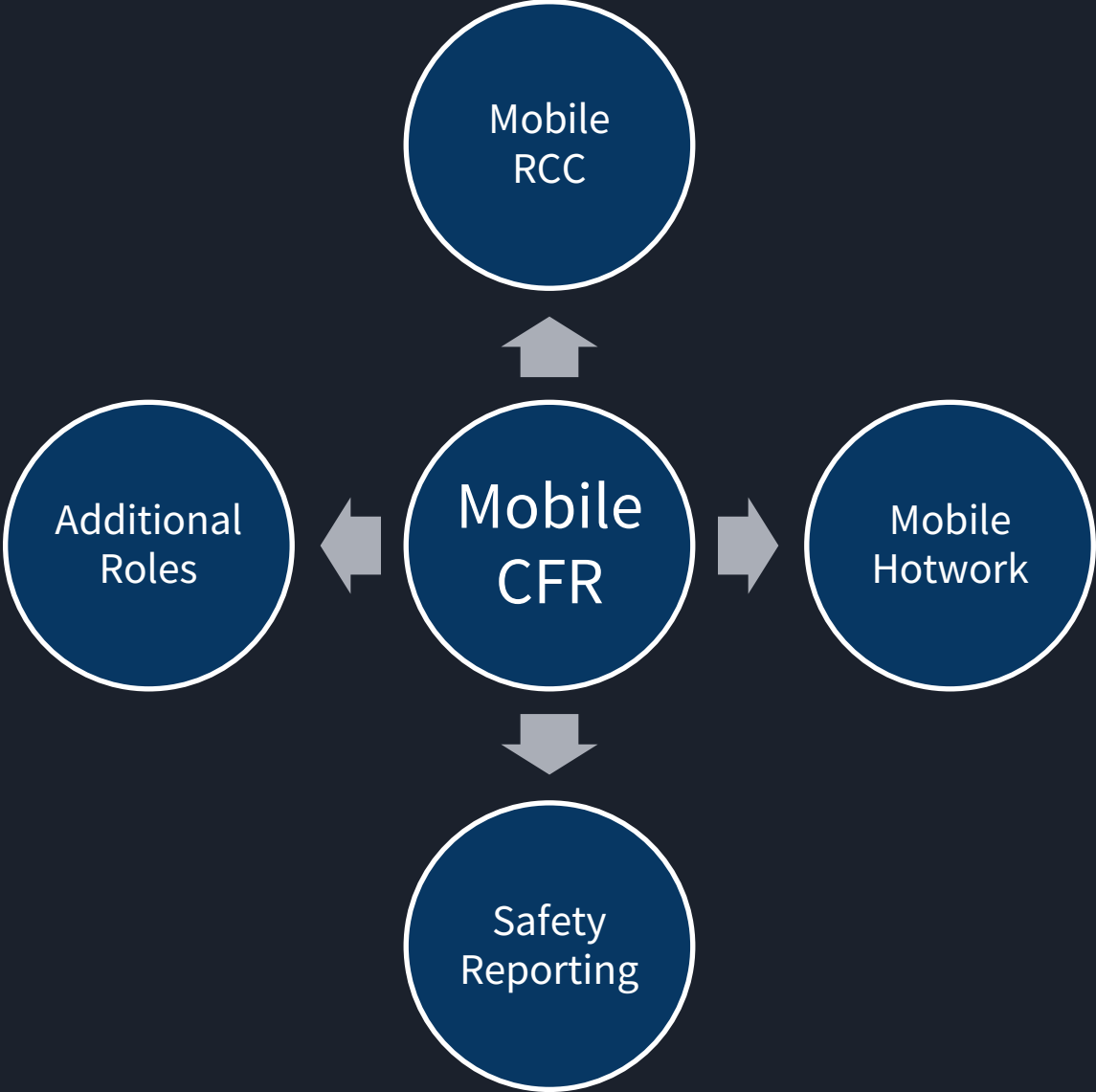
CFR/RCC process varies widely between yards and between Commercial and Navy projects.

We don't want to over-optimize for one yard working with one RMC

- Oxalis solicited process feedback from all the yards we work with.
- We ended up making choices to ensure flexibility to meet different processes.

Main Takeaway – Waterfront relationships can allow for directly filing contract change requests. This is common for commercial and non-Navy government work, occasionally on Navy availabilities.

Introduction of new technology immediately brings new requests, ideas and opportunities



Questions?

Thanks!

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