

THIS CHANGES EVERYTHING

The Future of Inspection



Safer • Smarter • Solutions

CRANES &
LIFTING

TRAINING

HYDRAULICS

EQUIPMENT
RENTAL

MAINTENANCE

MECHANICAL,
ELECTRICAL &
INSTRUMENTATION

PROCESS &
INDUSTRIAL

COMMISSIONING

INTEGRITY
MANAGEMENT

PIPELINE
& SUBSEA

WELCOME TO OUR WORLD

We are the specialist
service provider of choice
to the global energy and
infrastructure sectors

Every day we deliver fully integrated solutions to
the global energy and infrastructure markets.

Providing a range of mechanical, electrical and
instrumentation services to support assets and
projects worldwide.

A FRESH PAIR OF EYES

MInteg are part of the EnerMech group, delivering specialist inspection and enactment services to the energy industry. We challenge the conventional approach to inspection and offer something different and truly unique.

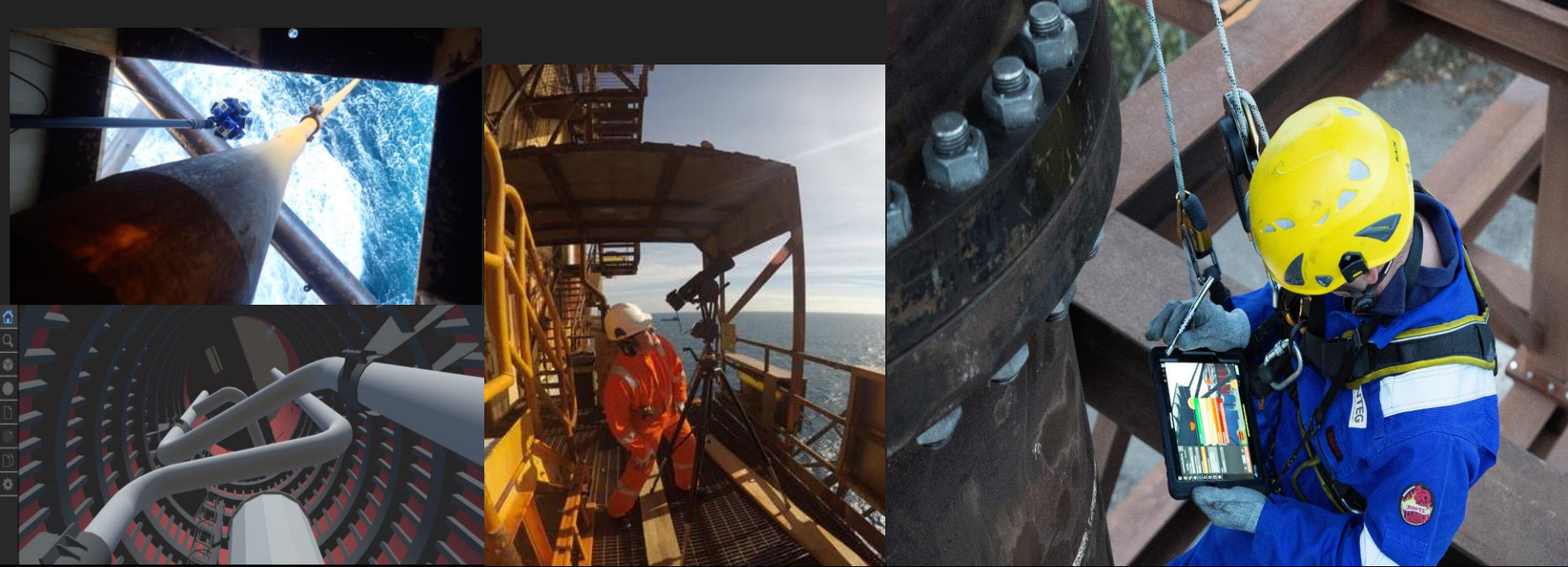
TRADITIONAL INSPECTION ENHANCED

- Inspectors focused on inspection
- Traditional reporting burden removed
- Site awareness enhanced
- Efficiency increased
- Work scope accurately identified



THE DATA CHALLENGE

We understand....











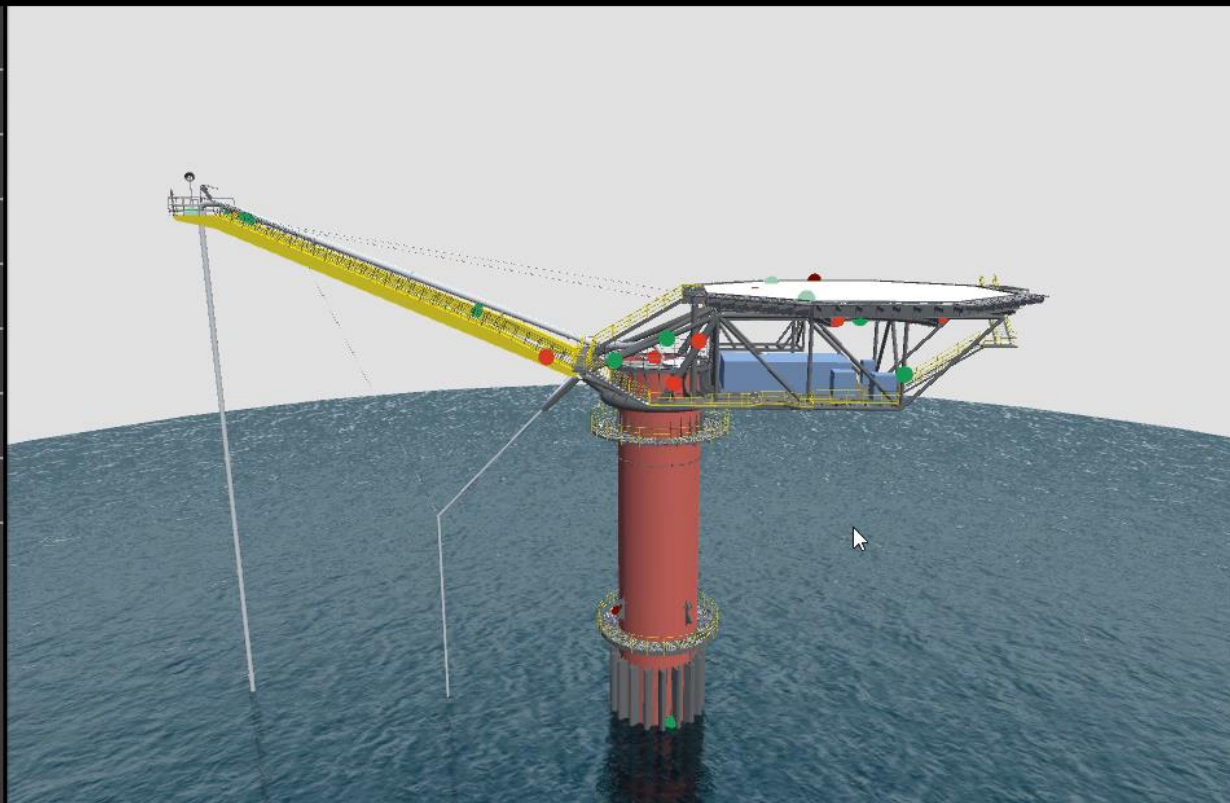
INSPECTION OVERVIEW











- 3D Model capability
- Paper free reporting system
- Computational photography
- 360 visualisation
- Machine Learning

AIM OVERVIEW

	HOME
	SEARCH
	OBSERVATION
	INSPECTION
	WORK PACKAGE
	ISOLATE
	DOCUMENTS
	SETTINGS
<p>Issue Date: 31 August 2018</p> <p>Application Version: Demo</p> <p>Contact: Toby.Clark@Arup.com</p>	



AIM OVERVIEW

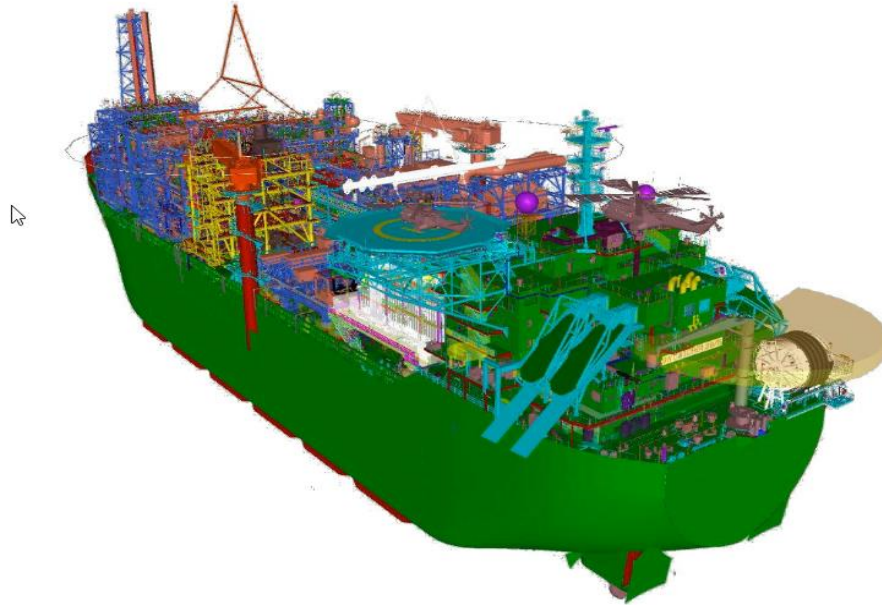
	HOME
	SEARCH
	OBSERVATION
	INSPECTION
	NDT TESTING
	ISOLATE
	DOCUMENTS
	SETTINGS
Issue Date: 25 July 2018	
Application Version: Demo	
Model Version: Simplified client Navisworks model	
Contact:	



AIM OVERVIEW

Please select the area of the model you would like to open:

1	M10 Model
2	M11 Model
3	M30 Model
4	M40P Model
5	M50P Model
6	M60 Model
7	M61 Model
8	More Options....



AIM OVERVIEW



HOME



SEARCH



OBSERVATION



INSPECTION



ISOLATE



DOCUMENTS



SETTINGS

Issue Date:

21 December 2018

Application Version:

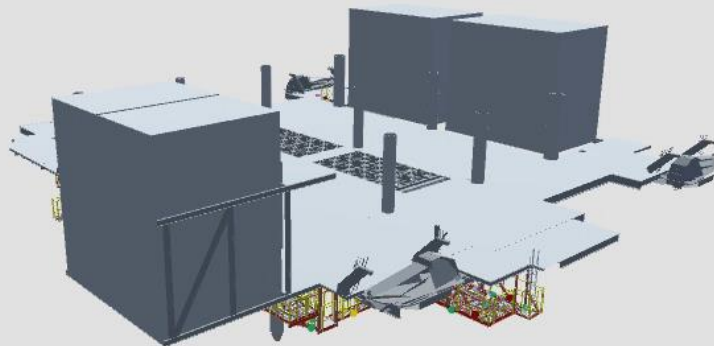
Rev 0 (READ ONLY)

Contact:

Patrick Gallagher (Minteg)

Director

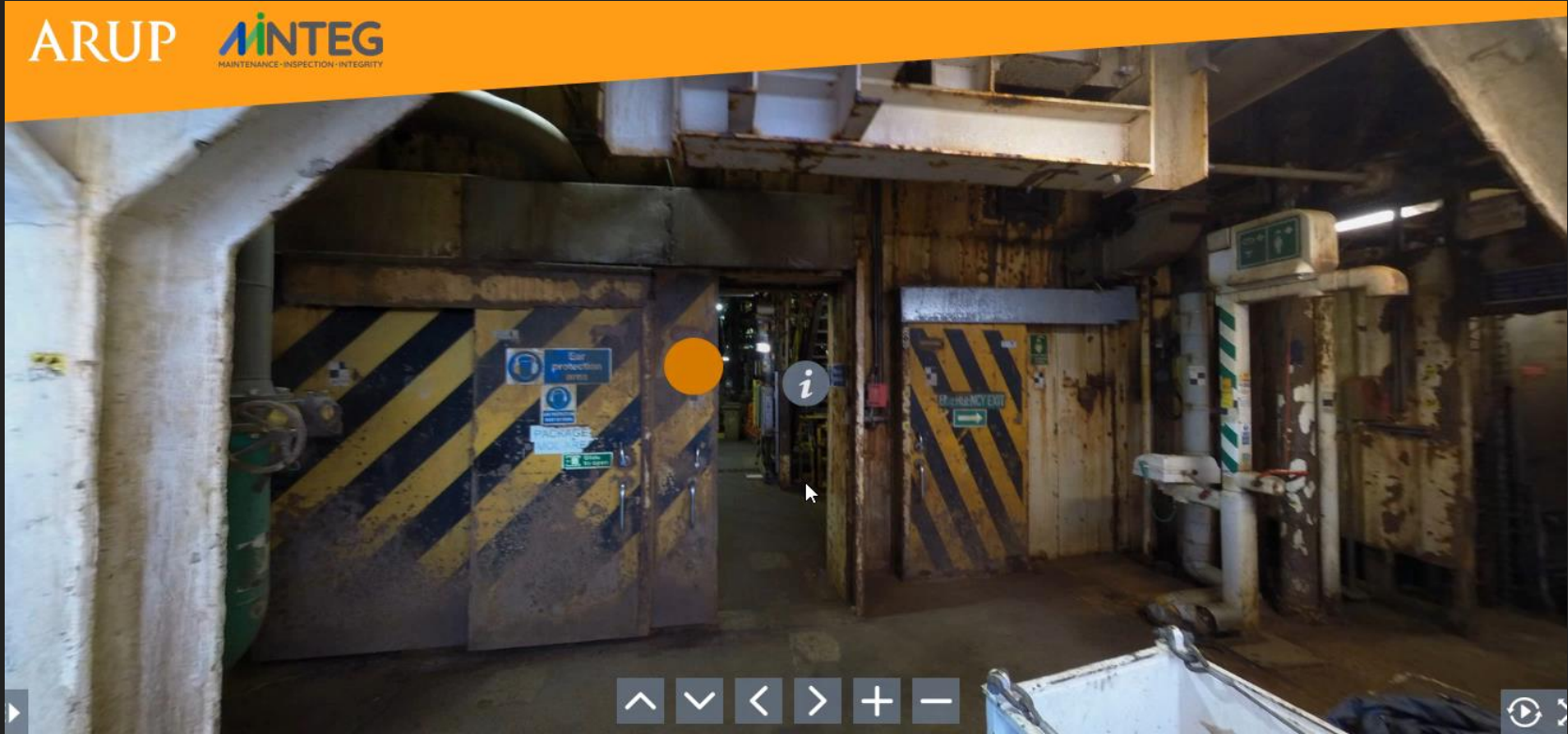
Patrick.Gallagher@Minteg.co.uk



APPLYING THIS TO THE OIL INDUSTRY

AIM

ARUP **MINTEG**
MAINTENANCE • INSPECTION • INTEGRITY



MINTEG
MAINTENANCE • INSPECTION • INTEGRITY

COMPUTATIONAL PHOTOGRAPHY

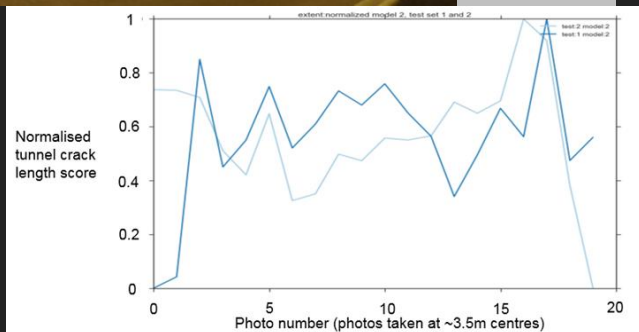
- Close up detail from far away



- Capture proven out to 450m
- Data captured in 35 knot winds.



MACHINE LEARNING



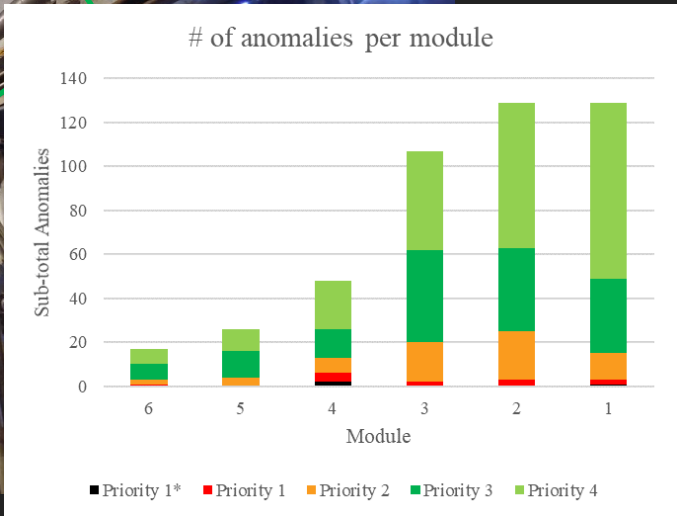
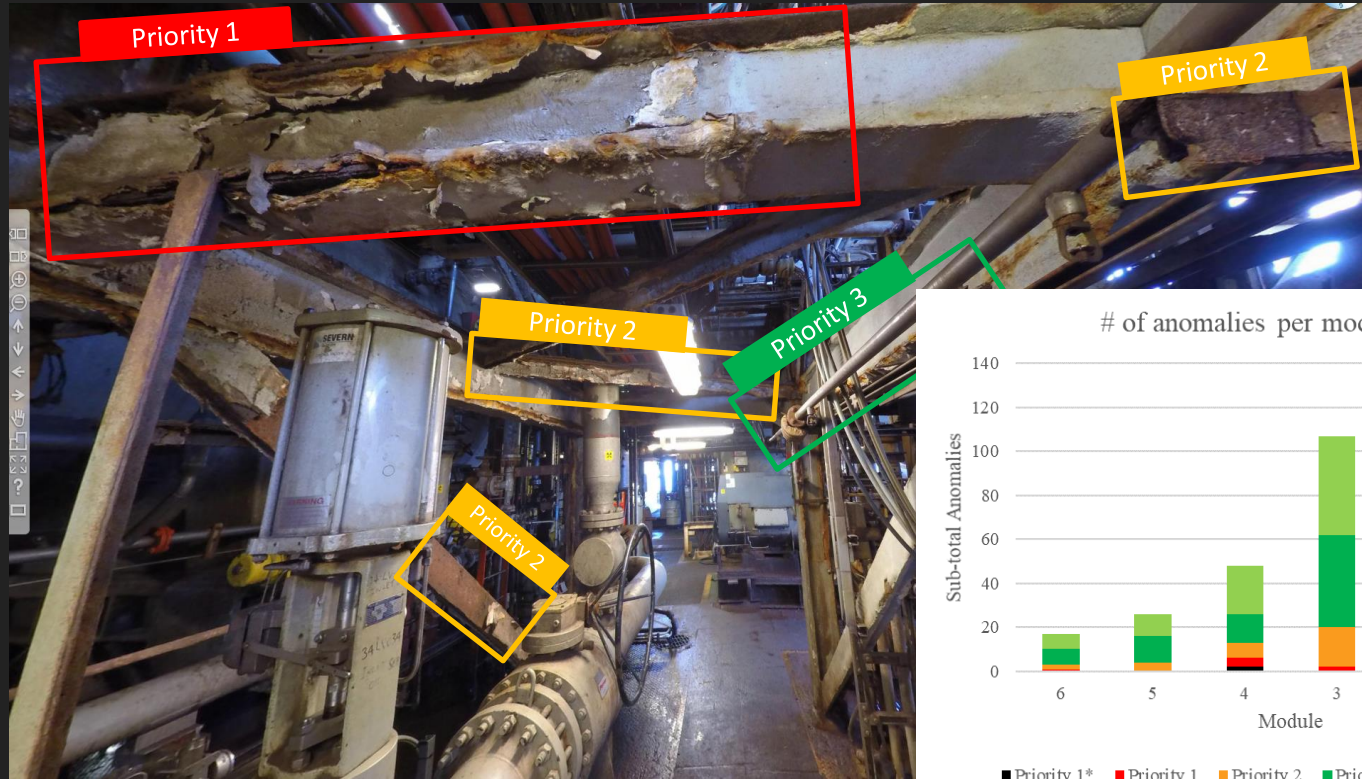
MACHINE LEARNING FOR EVALUATION



MACHINE LEARNING FOR EVALUATION



MACHINE LEARNING FOR EVALUATION



THE RESULTS



95%

Reduction in
permitting
requirements



25%

Reduction
in reporting
time



15%

Time saved
previously required
for permitting



30%

Reduction
in team
size



50%

Reduction in time
Taken to complete
inspection

THE INSPECTION REVOLUTION



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