

# RSRUK MANAGEMENT AND PREVENTION OF DROPPED OBJECTS



**DROPS**

DROPS North Sea UK Forum September  
2022





- Summary and recap from 2019
- Statistics
- Database Demo

# The changing picture of DROPS

## Condition V's Housekeeping

- ▶ We have historically been focused on Housekeeping aspects of PDOs
- ▶ The picture is changing, as our assets age
- ▶ Corrosion is now also playing a part in the increase of Static Dropped Objects
- ▶ Highlighting the need to focus on the condition of fittings & fixtures and corrosion to metallic structures
- ▶ With more robust inspection to provide assurance.



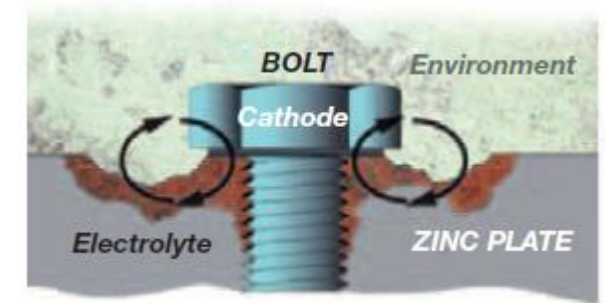
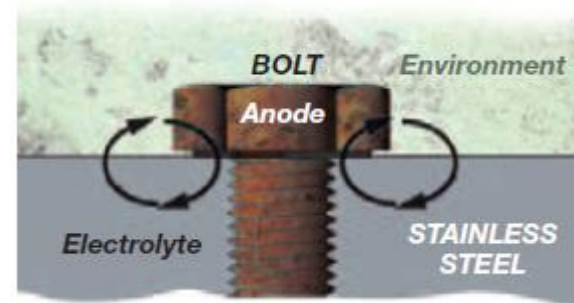
### Housekeeping

- Clips, Tools & Debris



### Condition

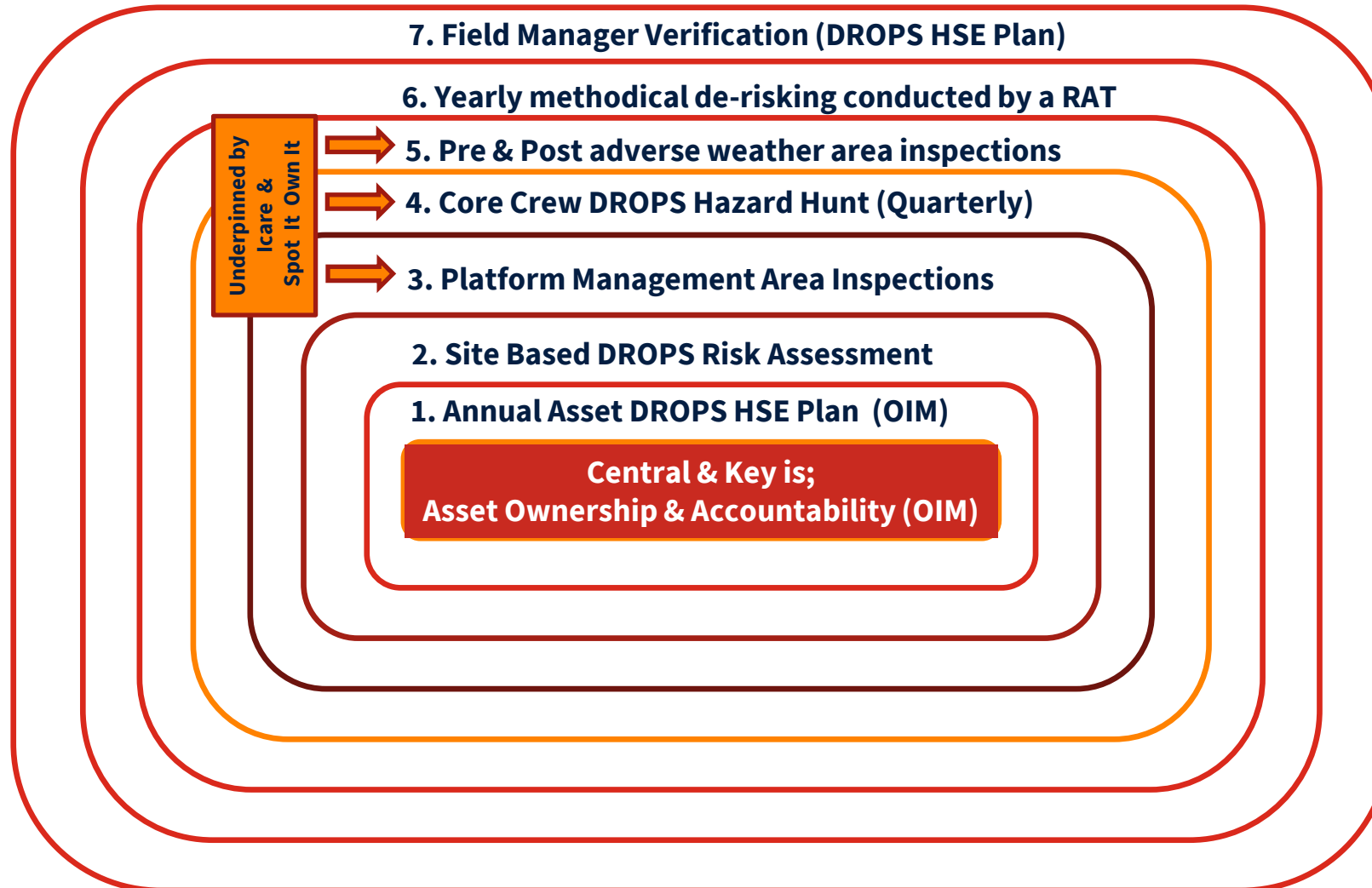
- Corrosion
- Ageing Equipment



# RSRUK Management & Prevention of Dropped Objects



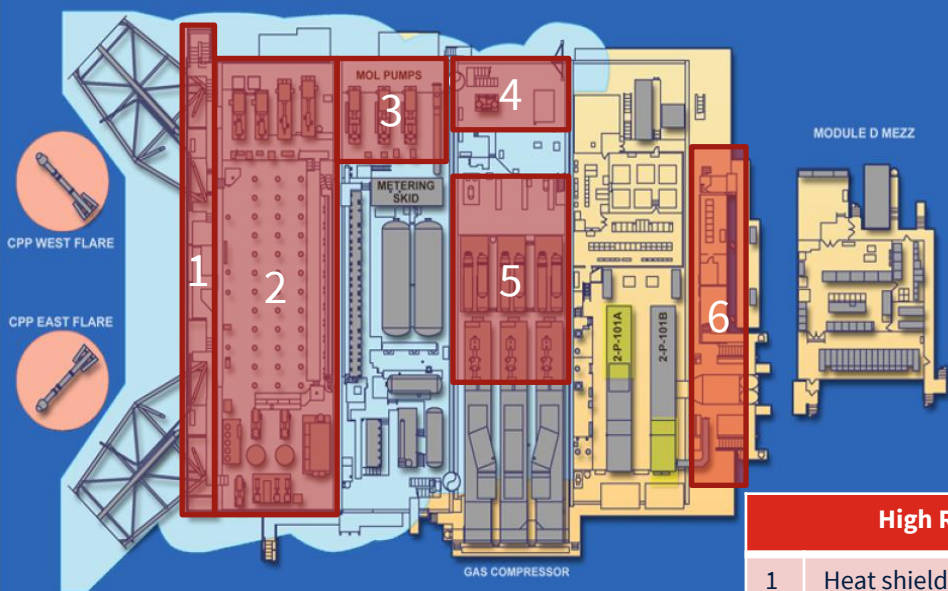
What the multi layered strategy looks like



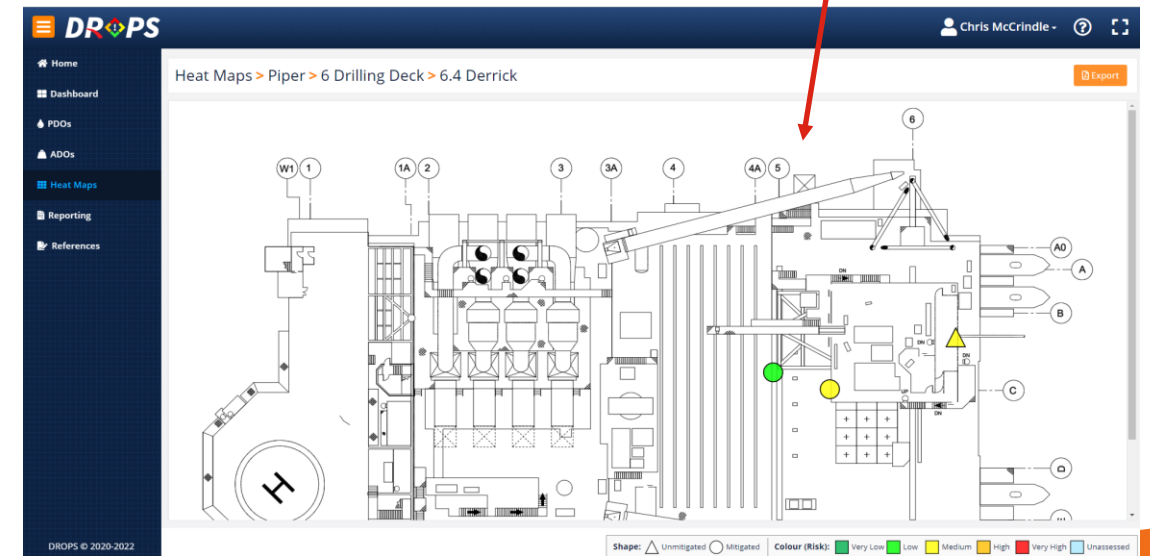
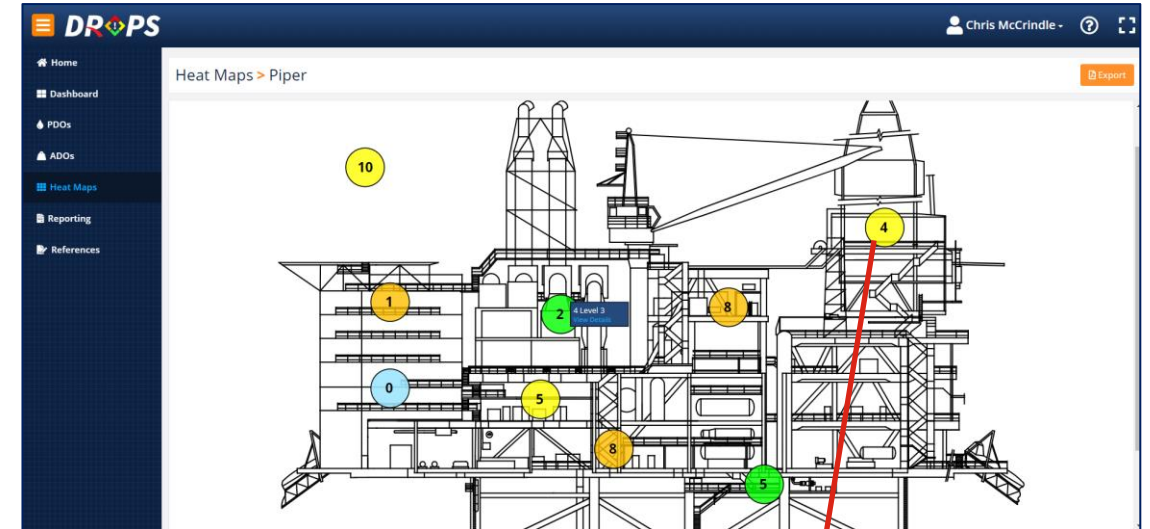
# Planning for De-risking

Asset / Site Plot Plan Risk Assessments + Database Heat Maps

## CPP Production deck



High Risk	
1	Heat shield
2	Cable tray and high level Dome lights
3	Cable tray
4	Cable tray
5	Cable Tray / Redundant Equipment
6	Cable Tray / Pipework



# Assurance Verification

Sign Off on our DROPS Commitments



- End of year verification that all work as has been carried out in accordance with plan
- OIM and Field Manager / VP
- Confirm the level Risk Reduction
- Take steps to address non compliance with DROPS plan
- Consider further steps for Risk Reduction
- Revise asset DROPS strategy

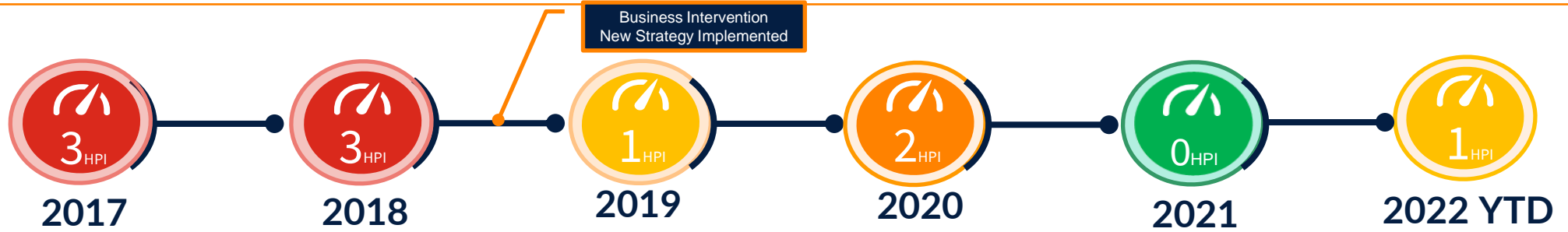
2019 [asset] HSE IMPROVEMENT PLAN



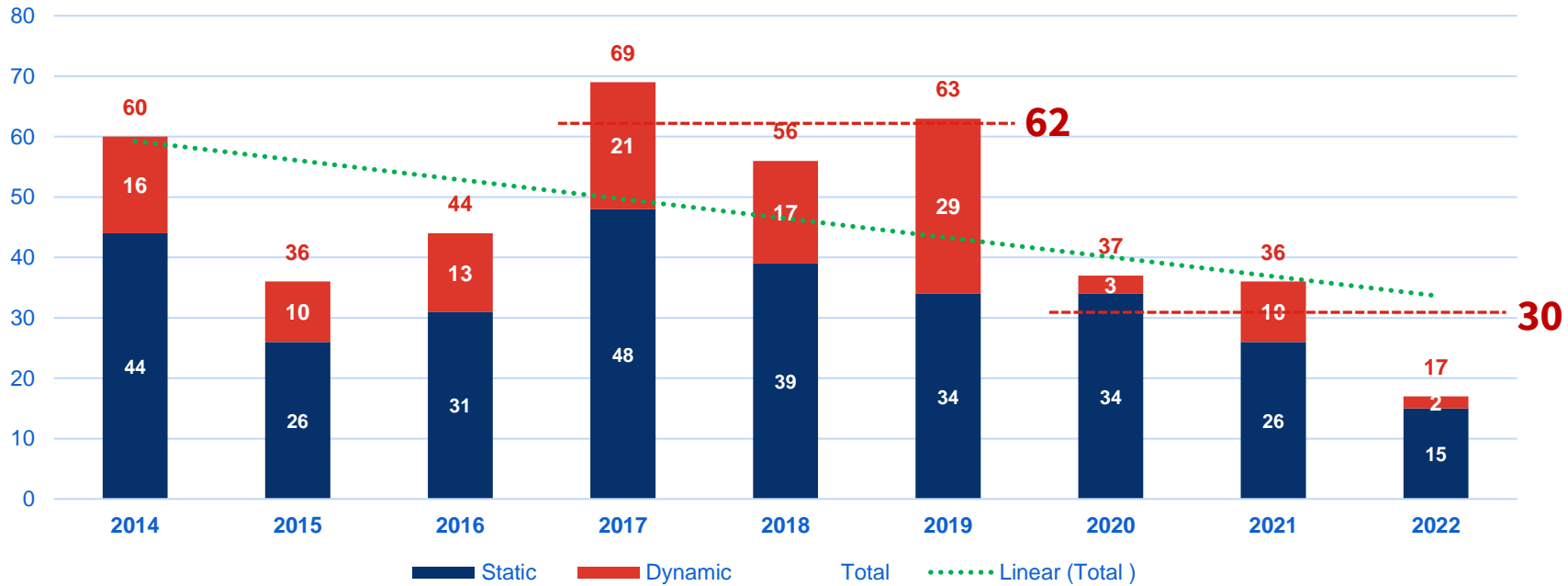
	FOCUS AREA	SPECIFIC ACTIVITY/ACTION	RESPONSIBLE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	TBC	xxx	xxx												
	TBC	xxx	xxx												
	TBC	xxx	xxx												
	TBC	xxx	xxx												
	TBC	xxx	xxx												
	TBC	xxx	xxx												
	TBC	xxx	xxx												
	TBC	xxx	xxx												
	PREVENTION AND MANAGEMENT OF DROPPED OBJECTS	Carry out monthly DROPS inspections	HSE Advisor												
		Hold quarterly review of DROPS Plan and ROP	OIM												
		Schedule TFE	OIM												
		Maintain and update DROPS database	HSE Advisor												
		Hold Quarterly DROPS Hazard Hunts	HSE Advisor Led												
		Annual Verification of Dropped Objects Plan	OIM												

*Approved*

**Demonstrable PDO Risk Reduction and DROPS Assurance**



## RSRUK DROPPED OBJECT TRENDING



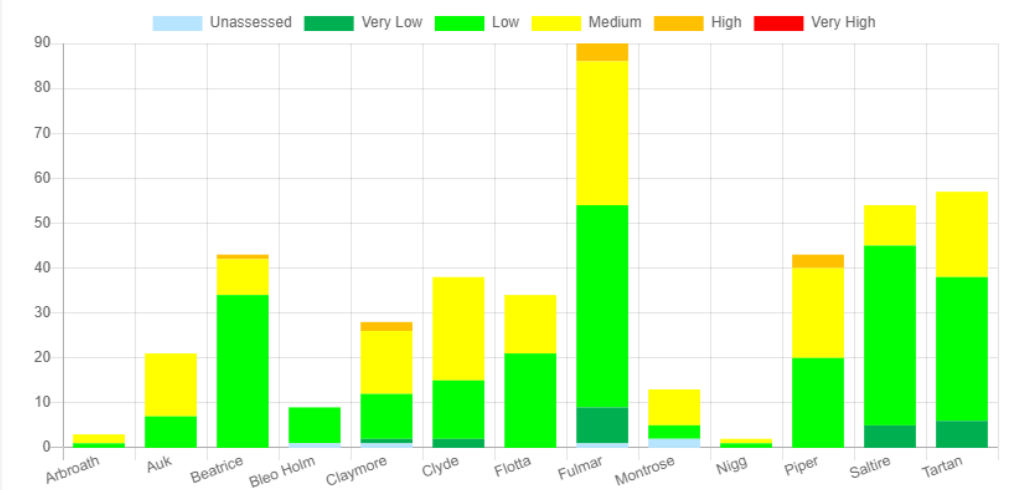
Dashboard

Filter by Asset(s): All assets

Live PDOS by Risk

Risk Matrix		Likelihood of Failure				
		Very Low	Low	Medium	High	Very High
Consequence of Failure	Very High	12	9	2	-	-
	High	27	54	34	8	-
	Medium	15	96	48	3	-
	Low	13	73	23	3	-
	Very Low	7	2	1	-	-

Live PDOS by Asset & Risk



## RSRUK Bespoke Database

- Designed to align with RSRUK Strategy approach
- A modern software platform, low implementation cost, improved visibility and reporting, aids planning, inbuilt, heat maps, DROPS calculator and Risk Assessment model





