

Defining a Long Term TAR Strategy Graeme Walker, Topside Conference 2017 – 14th June 2017

Our Starting Place



- Lengthy and frequent TAR's
 - Typically 60-80 days, every 2 years
 - Over-running initial planned durations
- Company culture be leak free and predictable
- No clear strategy different drivers on every asset

ASSET	2017	2018	2019	2020	2021	2022	2023	2024
Clair		90 days		40 days			40 days	
Clair Ridge			42 days			42 days		
Glen Lyon			42 days			42 days		
Foinaven	40 days	40 days	40 days	30 days				
Magnus			90 days			90 days		
Bruce	75 days	60 days		60 days		60 days		
ЕТАР	50 days		45 days		45 days		45 days	
Andrew	70 days	21 days		21 days				

Defining a TAR Strategy – Principles

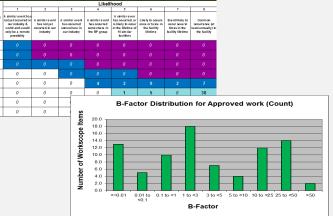


- Based all future TAR's on known workscope, not historical trends
- Meet technical completion dates
- Only perform work that is Full Facility Outage dependent
 - Don't shelter other work
 - Cherish up-time!
- Complete work that offers value
 - Be clear what you get for every activity
 - Make every job matter

Defining a Strategy – the Process

- Stage 1 white papers
 - High level review what is the potential prize?
- Stage 2 deliver long-term asset strategies
 - Cross-functional workshops reviewing & challenging all known scope for all future years
 - Group workscope to suitable years
 - Utilise train and cluster outages
 - Approval from Regional leadership
- Stage 3 detailed scope selection
 - Detailed review for each event, identifying value from each activity
 - Set minimum threshold for inclusion in event





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24 managed TAR events 1220 TAR Days

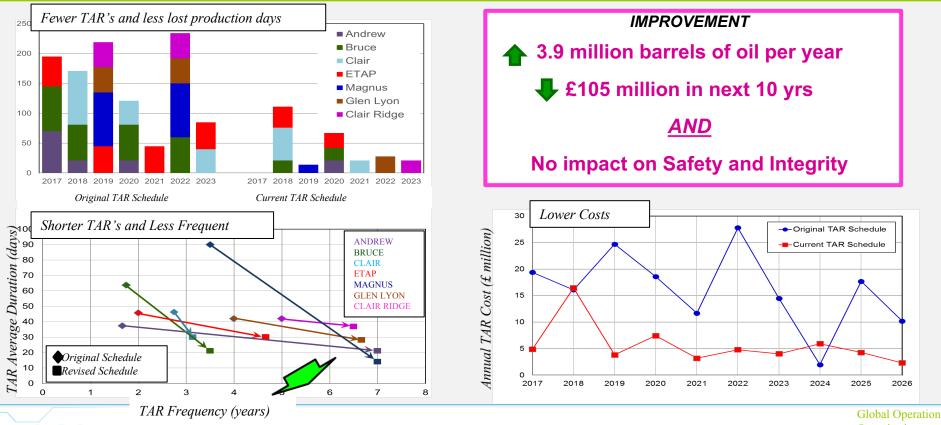
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15 managed TAR Events 417 TAR Days

A	SSET	2017	2018	2019	2020	2021	2022	2023	2024
(Clair		55 days			21 days			35 days
Clai	ir Ridge	1 st Oil						21 days	
Gle	en Lyon	1 st Oil					28 days		
Fo	inaven	30 days		35 days		35 days		20 days	
М	agnus			14 days					
E	Bruce		21 days		21 days				
F	СТАР		35 days		25 days				
A	ndrew				21 days				

Revised TAR Schedule – Benefits

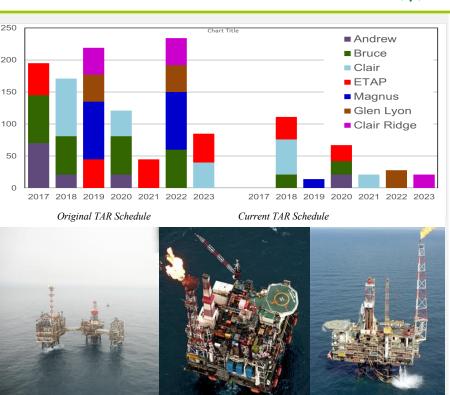




Organisation

Summary

- Cherish up-time make sure TAR work is needed and it adds value
- Look forward and take the time to set out a clear plan. Get leadership buy-in
- Work as a team TAR teams offer a service and need others to define workscope and value
- Don't accept the status quo there is improvement to be found





Questions?



Thank-you for your attention

