

**Programme:** 100m LNG Dual-fuelled Ro-Ro Passenger Ferry

**Programme Director:** [redacted]

**Review Period:** May 2020

<u>Name</u>	<u>Job Title</u>	<u>Signature</u>
[redacted]	Programme Director	
[redacted]	Project Accountant	
[redacted]	Planning and Controls Manager	



## 1a. SHE

### 1. Monthly Cumulative Safety Statistics

S/#	Title	This Months Figures		Cumulative
01	Total Man Hours (provided by Planning Department for 801 and 802 only)	4,538		20,647.31
02	Man Power (provided by HR)	Direct		N.A.
		In-Direct		
		Total	314	
03	RIDDORS	0		0
04	Fatality Case (Fatal)	0		0
05	Lost Working day Case (LWC)	0		2
06	Medical Treatment Case (MTC)	0		3
07	First Aid Case (FAC)	5		15
08	Property Damage (PD)	0		0
09	Near Miss (NM)	0		
10	Fire Incident (FI)	0		
11	Environmental Incident	0		
12	Total Number of Recordable Injuries			20
13	Total Number of Days Lost			6
14	Total Recordable Incident Rate  a score of 0 is perfect a score of 1-3 is good a score of 3-10 is medium a score of >10 is poor			8.28
15	Lost Time Incident Rate (LTIR Yard Wide)  a score of 0 is perfect a score of 1-3 is good a score of 3-10 is medium a score of >10 is poor	0		3.31

### 2. Description of Incident/Accident and Near Miss Reported This Month

#### Events (NM/MT/FA/PD ETC...)

1. **First Aid** – 1 Flash from welding arc, 1 operative jammed fingers, 1 cut to head, 2 cuts to hands.

### 3. Other SHEQ Activities

Description	Count	Location
Site	4	801  Pipe shop, Engineers shop  Misco store  West shed and module hall
Toolbox Talks	1	Coronavirus – COVID-19
Policy/Paperwork Reviews	0	
Training Courses	0	

### 4. SHEQ Initiatives

#### Description

SHEQ Monthly Meeting not held in March due to coronavirus – Mass meetings to be avoided

No update due to Covid-19 lockdown

## 1b. Action Tracker

Action Number	Description	Owner	Date Raised	Required By	Forecast Date	RAG Status	Comments
2.1	A production/Technical/Procurement/planning SOFT report is to be produced to support the overall monthly report	[redacted]	20/3	20/4		A	• Not all yet received. Will be relevant when the yard reopens
2.2	Arrange a cryo pipe review	[red]	20/3			B	• Cryo pipe review planned for 21/4
2.3	Chase up [redac] for hazardous zone and scantling response. Raise with [redac] if required	[red]	20/3	27/3		B	• Raised with [redacted] response received
3.1	Agree success criteria owners	[red]	21/4	21/5		B	• Now in pack
3.2	Risk register to be updated by owners for Thursday review	[redacted]	21/4	23/4		B	• updated
3.3.	Quality slide – show what is closed and also monthly stats	[redact]	21/4	21/5	5/6	G	• Slides updated to show closed status but further work to show stats
3.4	Review work package process for issue and role up to ensure clear to users	[redac]	21/4	21/5	5/6	G	• Process has been developed and reviewed but further work required

## 2. Contract Summary

<b>Customer</b>	CMAL	<b>Contract Start</b>	Restart – 2 <sup>nd</sup> December
<b>Agreed Contract value</b>	Budget to completion - £110m	<b>Contract Finish</b>	801 October 2021 – 802 July 2022
<b>Project Type</b>	Design and Build	<b>Forecast Finish</b>	801 October 2021 – 802 July 2022
<b>Project Director</b>	[redacted]	<b>Contract Type</b>	

<b>Project Scope</b>	Design, build and commission 2 off LNG dual fuel ferries. Including... and handbooks The scope of this project is to complete the design and build... 16 <sup>th</sup> August 2019
<b>Significant Project Changes</b>	None (in this phase)
<b>Acceptance Criteria</b>	As per the specification
<b>Payment Terms</b>	Currently – funding provided by... upon FM(PG) cash flow forecast
<b>Warranty</b>	The warranty for... delivery. No allowance has been made financially for either shipyard support or suppliers warranties that have lapsed...
<b>Liquidated Damages</b>	No... late delivery ... – the maximum allowance of £250k per vessel has been made ... speed - the maximum allowance of £250k per vessel has been made ... for fuel consumption – no allowance has been made
<b>Special Conditions</b>	

**Contract and forecast finish dates will change due to Covid-19 lockdown**

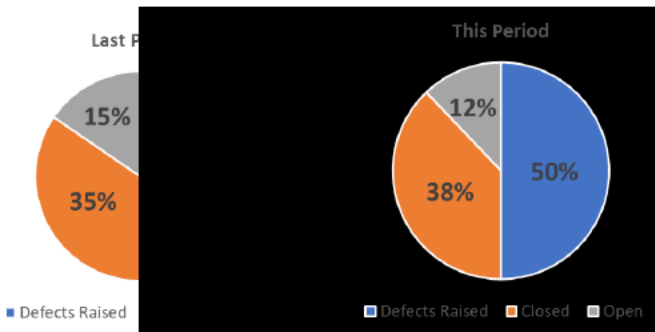
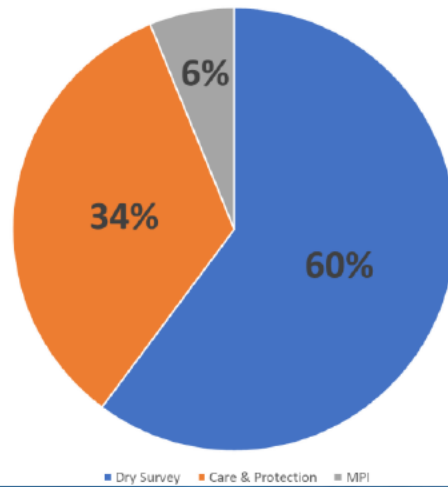
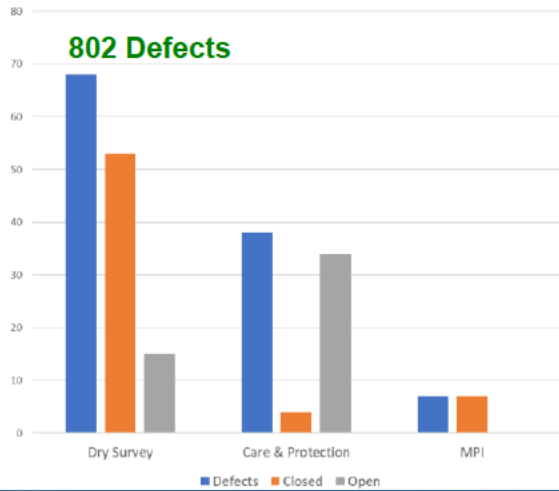
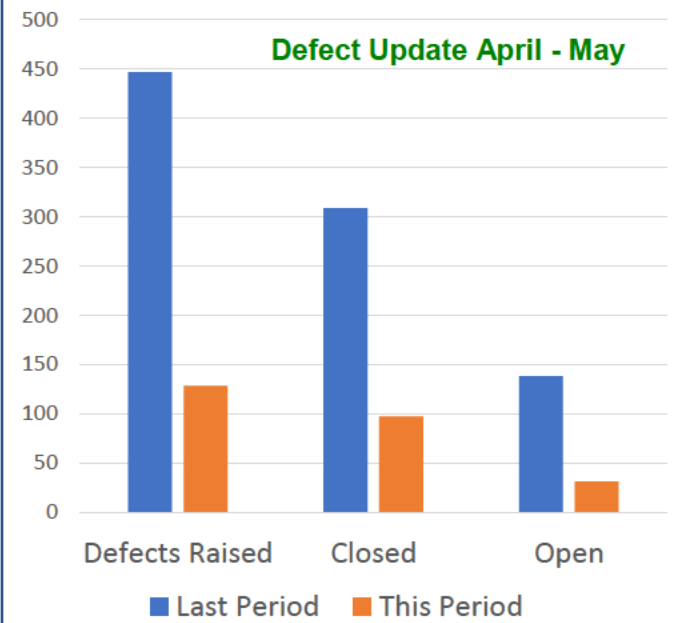
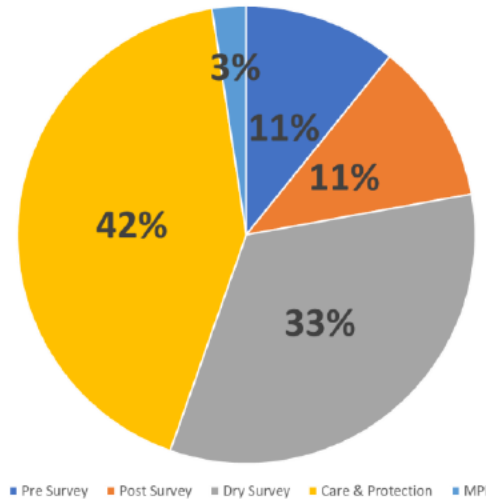
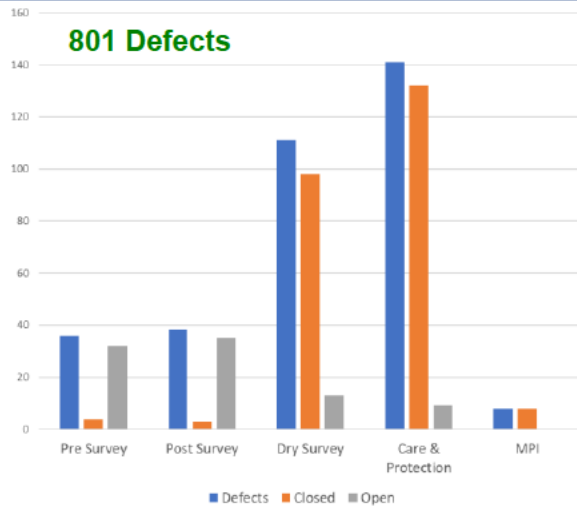
### 3. Business Success Criteria

Success Criteria	Due	Owner	Enabler	Status	TL	Fut Tr
All work undertaken at ship is by work package in accordance with the programme	June 20	[redacted]	<ul style="list-style-type: none"> <li>Development of the programme down to a work package level. Time recording aligned to allow role up. Time recording process effective.</li> </ul>	<ul style="list-style-type: none"> <li>801/802 project programmes are now at Lv4 Detail. Manhours, zones, sub-zones and CAM's are coded within P6 for monitoring and reporting purposes.</li> </ul>	G	↔
Work packages are issued with associated information and materials	June 20	[redacted]	<ul style="list-style-type: none"> <li>Inventory is loaded into the stores management module on [redacted] Inventory can be coded to align with P6 plan</li> </ul>	<ul style="list-style-type: none"> <li>Substantial Works are ongoing currently. We have sample workpacks to be issued for comment w/e 22/5/20. Alignment works with P6 are at an advanced stage</li> </ul>	G	↔
Inventory is properly identified in [redacted] to the appropriate level [redacted]	May 20	[redacted]	<ul style="list-style-type: none"> <li>Movement of equipment from [redacted] to new facility and entered onto [redacted] with appropriate part numbering</li> </ul>	<ul style="list-style-type: none"> <li>COVID 19 lockdown has stopped this work and will now impact the overall programme</li> </ul>	R	↓
Technical information is produced on time and change is minimised	June 20	[redacted]	<ul style="list-style-type: none"> <li>[redacted] are contracted to complete the design. Design review process allows proper review of the design before issue</li> </ul>	<ul style="list-style-type: none"> <li>Zone review process enacted and supported by Client. Lack of resources hindering clearance of ICRs, delaying 3D model progress.</li> </ul>	Y	↔
Control of change is a properly managed process	March 20	[redacted]	<ul style="list-style-type: none"> <li>Creation of a new process, implementation and adherence</li> </ul>	<ul style="list-style-type: none"> <li>A new process has been developed within the Nimbus maps and will be signed early June. The process is being operated with 3 changes raised so far.</li> </ul>	G	↔
Customer relationship is positively maintained throughout the project	Through the project	[redacted]	<ul style="list-style-type: none"> <li>Regular dialogue at all levels, monthly reviews, ad hoc meetings</li> </ul>	<ul style="list-style-type: none"> <li>CMAL are fully engaged with the model review programme and long standing issues are being resolved. Monthly progress meetings are working well.</li> </ul>	G	↔
Identify and manage risks and opportunities	Through the project	[redacted]	<ul style="list-style-type: none"> <li>A risk review process is in place and is being proactively managed</li> </ul>	<ul style="list-style-type: none"> <li>Risk review are being undertaken monthly. Key risks are being actioned</li> </ul>	G	↔
The project is properly resourced with suitably qualified and experienced people	April 20	[redacted]	<ul style="list-style-type: none"> <li>Accurate resource forecasting from the schedule and a resource strategy in place</li> </ul>	<ul style="list-style-type: none"> <li>An ITT is now live for interested parties to bid for the supply of trade labour to FMPG this is on target for completion mid June.</li> </ul>	G	↔

## 4. SOFT Report

Successes	Opportunities
<ul style="list-style-type: none"> <li>• Home working has continued during this period with programme and process development continuing. A decision has been made to have a yard holiday on 1<sup>st</sup> June to allow for a break.</li> <li>• The technical programme has been maintained during this period with zones Z6 60%, Z2 90%, Z5 30% and Z4 60% as per programme</li> <li>• 11 subcontract pipe manufacture tenders were received on 22 May (this was delayed 1 week as a result of COVID). Assessment will now occur</li> <li>• The removal and maintenance reviews are happening weekly, a number of issues have been closed with a number of key issues now outstanding.</li> <li>• Planning for a restart is well advanced with the plan ready to be implemented when a date is agreed with SG</li> <li>• The longstanding 802 LNG tank insurance claim is now close to resolution with the insurer having now made an offer.</li> <li>• The change control process is now in operation with the first 2 changes raised</li> </ul>	<ul style="list-style-type: none"> <li>• Use of a 1<sup>st</sup> fixing system – this has now been finalised with [redacted] and CMAL have provided an input. A commercial sign off is now required</li> <li>• Use of MRP function in [redacted] for pipe procurement and installation</li> <li>• The vapour return line has now been agreed to be removed. A change request has been raised</li> </ul>
Failures	Threats
<ul style="list-style-type: none"> <li>• As a result of COVID 19, all production work has ceased. The impact will be assessed when the return to work date and working arrangements have been agreed</li> <li>• As a result of COVID 19, the transfer of materials from [redacted] has been suspended and also the stock check cannot commence. The impact will be assessed when the return to work date and working arrangements have been agreed</li> </ul>	<ul style="list-style-type: none"> <li>• COVID 19 impact to programme— <b>an assessment of the impact (assuming a restart of 1<sup>st</sup> June) has been issued however a further update will be required when a start date and working arrangements have been agreed</b></li> <li>• Assessment of equipment condition from [redacted] A limited check of a number of items in the store has been undertaken on an opportunity basis. The initial findings show a significant cause for concern.</li> <li>• Delay to Zone 2 model freeze, 5 week impact to the production output release. The COVID 19 delay has a more significant impact to the critical path and this delay will be contained within the revised programme post COVID</li> <li>• Overstretched FM(PG) support to Engineering programme – <b>The engineering model review programme will be paused for the week of 1<sup>st</sup> June to allow a catch up. This does not affect the overall programme.</b></li> <li>• [redacted] commercial settlement will have an as yet unidentified impact to the material budget – <b>Negotiations are now being undertaken in parallel with both [redacted] and an alternative technical solution from [redacted]</b></li> <li>• Production resource to support the plan – <b>the ITT for a resource provider has been issued and should be finalised mid June.</b></li> <li>• Cryogenic pipework at ship will require re-routing – <b>pipe work is now being finalised in the model with limited impact to original routes. A review with Cryodiffusion to be held.</b></li> <li>• [redacted] response for hazardous zones and scantlings slow. <b>Hazardous zones are near resolution and require final sign off. [redacted] not responding on scantlings</b></li> <li>• D.G. alternator removal and M.E. air manifold are remaining areas to resolve. <b>Continue with removal route meetings</b></li> </ul>
<b>Impact Statement / Help Needed</b>	

# 5. Quality



- Work continues on digitizing the QC document set and producing the defect registers during lockdown
- Preliminary inventory checks have commenced at Greenock stores
  - [redacted] cooling valves;- 179 surveyed, all found in good order however 8 require technical clarification as differ from procurement spec
  - [redacted] Large power supplies and Conditioning monitoring components found in good order
  - Battery pack box found damp and requires further investigation
  - 2 in number comms cabinet (incl PA) opened and wracking carcass found oxidized/ corroded and is a concern for condition of electronics within.





## 6. Traffic Light Report

Criteria	Overall Status				Future Trend	Return to Green		Comments
	Feb 20	Mar 20	Apr 20	May 20		Date	Status	
Overall Status	G	G	G	R	↓	TBA		<ul style="list-style-type: none"> <li>Programme has been impacted by COVID 19 lockdown. When a return to work plan has been agreed then the programme can be updated</li> </ul>
Safety	G	G	G	G	↔			<ul style="list-style-type: none"> <li>No work has been performed during the lockdown period. Hourly safety walkarounds have been implemented to ensure the ships are in a safe condition</li> </ul>
Quality	G	G	G	R	↓	TBA		<ul style="list-style-type: none"> <li>It has been possible to check a small sample of equipment in the stores. All of which have identified quality issues either in the storage condition or alignment to requirement</li> </ul>
Customer Satisfaction	G	G	G	G		TBA		
Schedule	G	G	G	R	↔			
Finance				G	↔			<ul style="list-style-type: none"> <li>First financial status report has now been produced. Finances do not take account of COVID impact</li> </ul>
Technical	A	A	A	A	↓	June	R	<ul style="list-style-type: none"> <li>Delay in supply of technical information has impacted the [redacted] programme. Zone 2 90% completion has been delayed 5 weeks</li> </ul>
Subcontractor	A	A	A	A	↑	June	G	<ul style="list-style-type: none"> <li>Amber identifier is driven by [redacted] and commercial agreement to a restart.</li> </ul>
Resources	G	G	G	G	↔			<ul style="list-style-type: none"> <li>A tender has been issued for the provision of production labour. This will be concluded in June</li> </ul>
Risk	A	A	A	R	↔	June	G	<ul style="list-style-type: none"> <li>There are a number of project key risks that have mitigation actions but have not yet resulted in a risk reduction</li> <li>The key risks of COVID and the impact to the stock check and loading onto the system has been impacted to the extent that this will affect the programme</li> </ul>

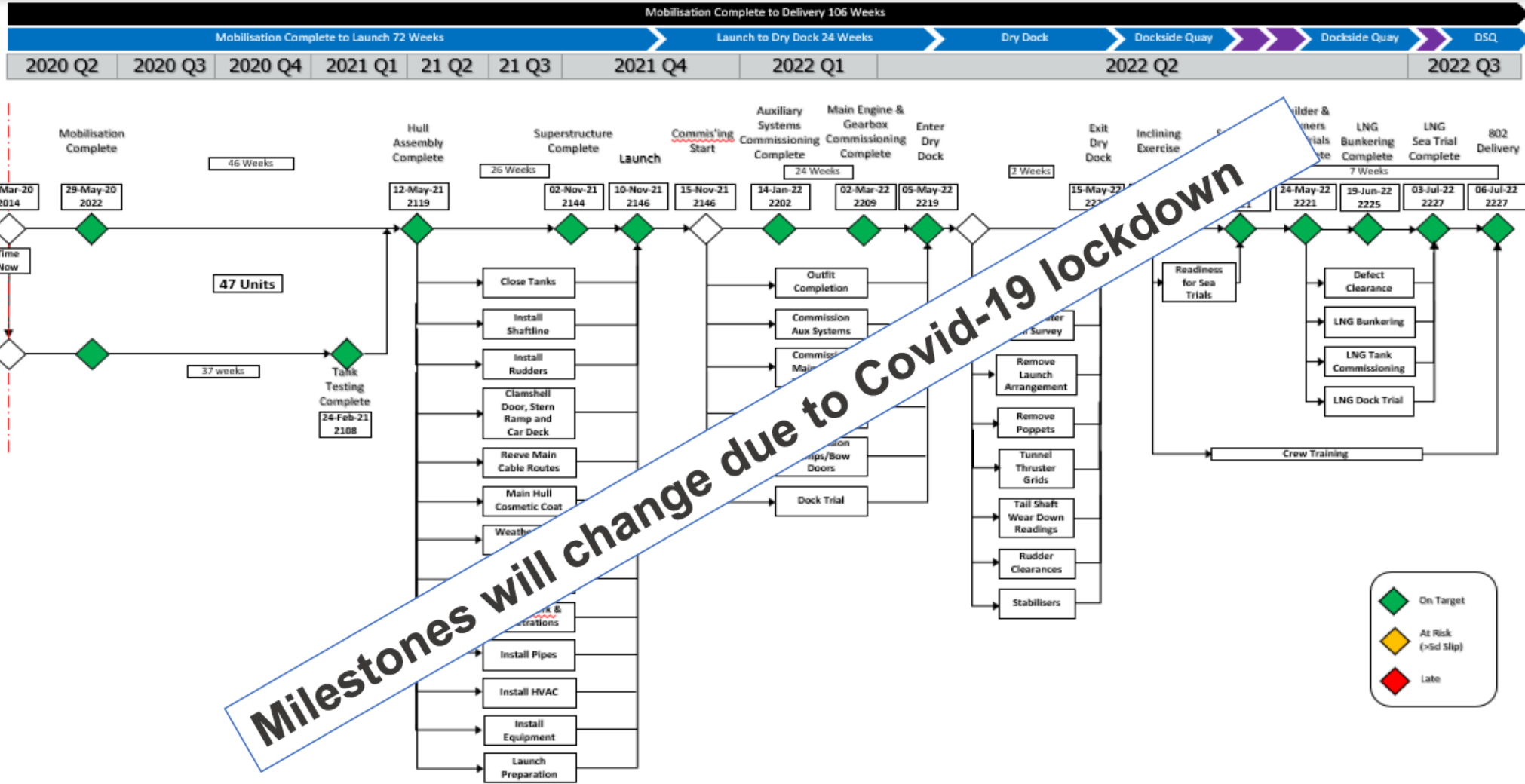
## 7. Balanced Scorecard

Schedule			
Milestone Completion			
	Planned	Actual	% Adherence
Ship 1	4	4	100%
Ship 2	1	1	100%
Ship 3	1	1	100%
Other	8	8	100%
<b>Total</b>	<b>14</b>	<b>14</b>	<b>100%</b>
Traffic Light	<90%	<100%	>=100%
Key Performance Indicators			
	Planned	Actual	% Adherence
Work Orders Closed	BEING DEVELOPED		
	Current	Previous	Prior
Work Orders Outstanding	BEING DEVELOPED		
Total			
Traffic Light			
Schedule Performance			
	Current	Previous	Prior
SPI	0.98	0.75	0.88
Schedule Variance	-£698,183	-£9,612,197	-£3,901,329
% Complete			
Traffic Light	<0.900	<0.950	<1.00
Supplier Delivery			
	Planned	Actual	% Adherence
Group 1 Modkits	3	3	100%
Group 1 Modkits	10	10	100%
Group 1 Modkits	10	10	100%
Cape	BEING DEVELOPED		
Material			0%
Material Shortages	BEING DEVELOPED		
Traffic Light			
Resource Management			
	Planned	Actual	% Adherence
CORE	3,069	2,403	78%
PDS	985	352	36%
PRE PLANN NG	2,586	2,726	105%
DESIGN	1,025	590	58%
REFIT 1,2 & 3	11,931	7,499	63%
KSA OPS	56	0	0%
TRAIN NG	142	156	110%
<b>Total</b>	<b>19,795</b>	<b>13,726</b>	<b>69%</b>
Traffic Light	+20%	+10%	+5%
Cost			
Forecast Margin (£k)			
	Original	Forecast	% Adherence
Ship 1	£3,808	£3,737	98%
Ship 2	£3,655	£3,056	84%
Ship 3	£7,767	£7,473	96%
Other	£1,769	£2,147	121%
<b>Total</b>	<b>£17,000</b>	<b>£16,413</b>	<b>97%</b>
Traffic Light	<80%	<90%	>=90%
Sales & Cash			
	Budget	Forecast	% Adherence
Sales Trading	£23,389	£21,205	91%
Cash Installments	£87,720	£78,215	89%
Total			
Traffic Light	<80%		
Cost Performance			
	Current	Previous	Prior
CPI	0		1.00
Cost Variance	£506	-£3,909	-£54,007
EAC	£102,514	£102,514	£102,514
Traffic Light	<0.900	<0.950	<1.00
Risk Management			
	Current	Previous	Prior
Total Risk Value (£)	£16,275	£16,275	£16,275
Risk % of Budget	15.9%	15.9%	15.9%
Risk Plan	£1,144	£1,144	£1,144
Risk Release Actual	£0	£0	£0
Emergent Risk	£0	£0	£0
Cost of Mitigation	£0	£0	£0
Traffic Light			
Opportunity Management			
	Current	Previous	Prior
Total Opportunity Value (£)	£3,692	£3,692	£4,026
Opportunity % of Budget	3.6%	3.6%	4.2%
Opportunity Realised Planned	£0	£0	£0
Opportunity Realised Actual	£0	£0	£0
Cost of Speculation	£0	£0	£0
Traffic Light			
Quality			
Acceptance			
	Planned	Actual	Adherence
Ship 1	5	5	100%
Ship 2	5	5	100%
Ship 3	5	5	100%
Other	0	0	0%
<b>Total</b>	<b>15</b>	<b>15</b>	<b>100%</b>
Traffic Light	<90%	<95%	>=95%
Operational Rework (% of Total Hours)			
	Current	Previous	Prior
Ship 1	0.0%	0.0%	0.0%
Ship 2	0.0%	0.0%	0.0%
Ship 3	0.0%	0.0%	0.0%
Other	0.0%	0.0%	0.0%
Traffic Light			
Observation Status			
	Current	Previous	Prior
Critical	0	0	0
Significant	0	0	0
Minor	0	0	0
Total	0	0	0
Traffic Light			
Change Management			
	Current	Previous	Prior
Critical	0	0	0
Non-Critical	0	0	0
Customer Requested	0	0	0
No. Stopping Work	0	0	0
Total	0	0	0
Traffic Light			
Material Quality			
	Current	Previous	Prior
BEING DEVELOPED			
Traffic Light			

[redacted]

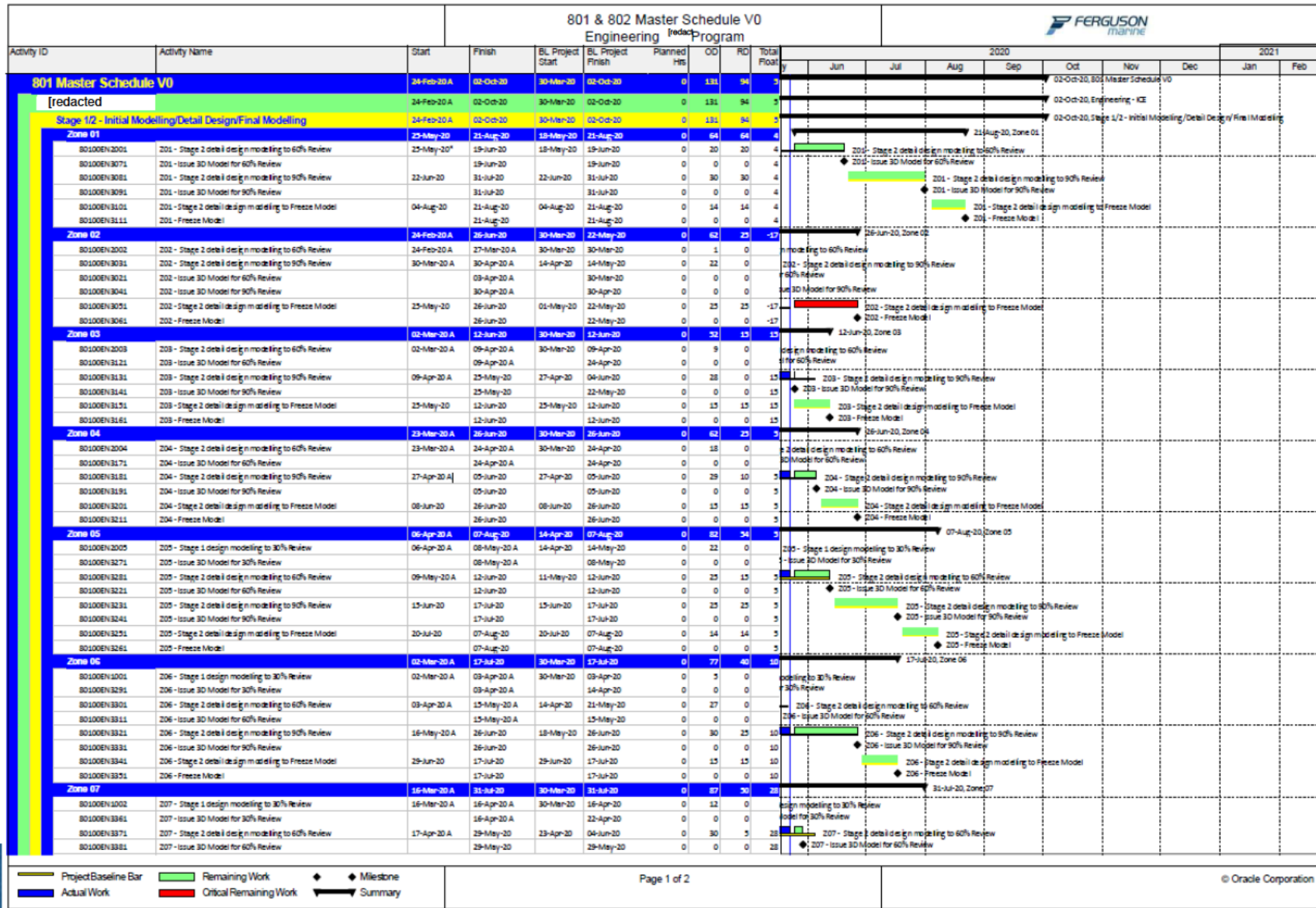
# 9. Schedule Overview (2)

## 802 Timeline to Delivery



# 9. Schedule Overview (3)

## Engineering Programme



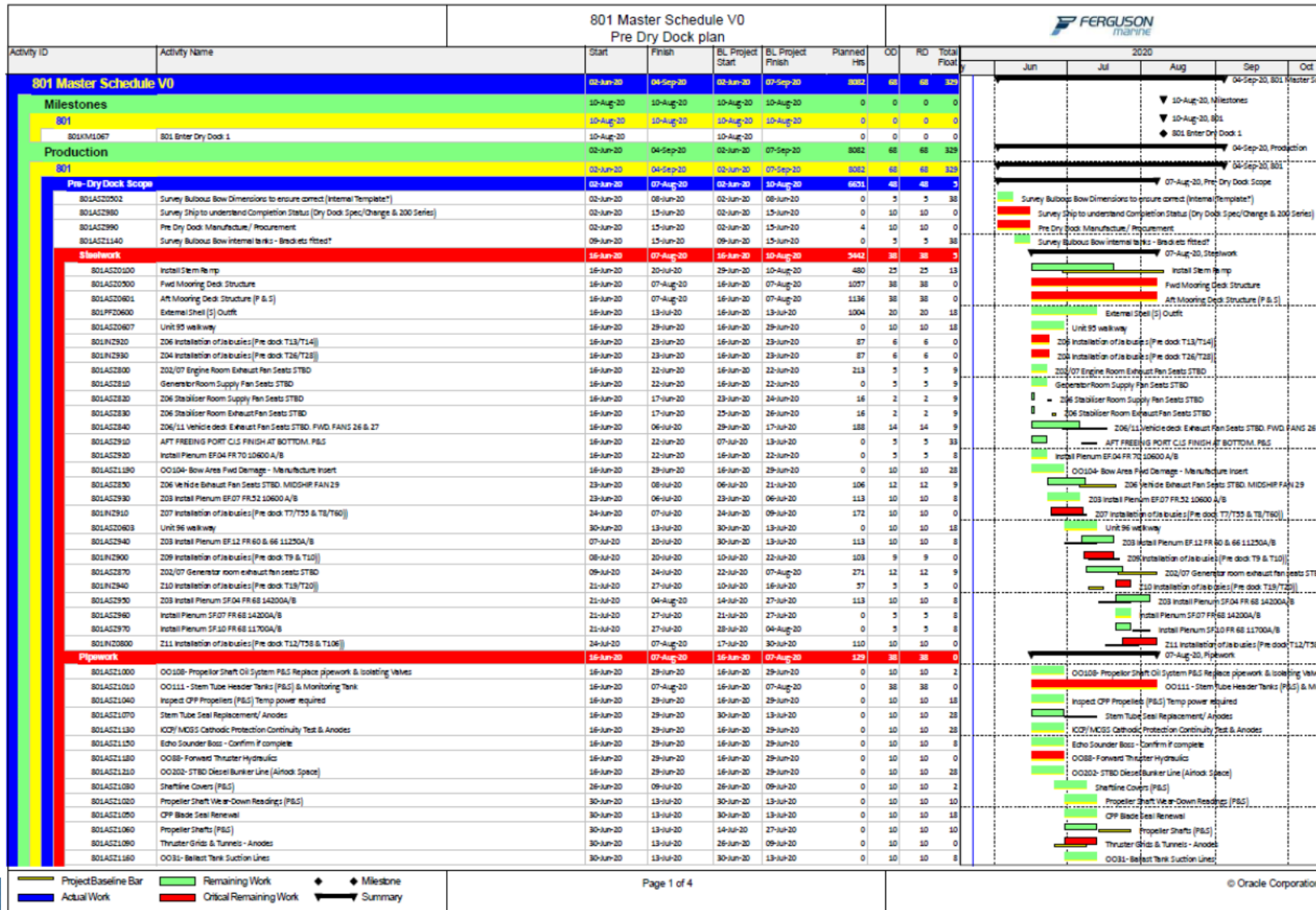
# 9. Schedule Overview (3)

## Engineering Programme

			801 & 802 Master Schedule V0 Engineering Program							2020												2021											
Activity ID	Activity Name	Start	Finish	BL Project Start	BL Project Finish	Planned Hrs	OO	RD	Total Float	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb										
80100EN3391	Z07 - Stage 2 detail design modelling to 90% Review	01-Jun-20	10-Jul-20	01-Jun-20	10-Jul-20	0	30	30	25																								
80100EN3401	Z07 - Issue 3D Model for 90% Review		10-Jul-20		10-Jul-20	0	0	0	25																								
80100EN3411	Z07 - Stage 2 detail design modelling to Freeze Model	13-Jul-20	31-Jul-20	13-Jul-20	31-Jul-20	0	15	15	25																								
80100EN3421	Z07 - Freeze Model		31-Jul-20		31-Jul-20	0	0	0	25																								
<b>Zone 08</b>		<b>23-May-20</b>	<b>18-Sep-20</b>	<b>23-May-20</b>	<b>18-Sep-20</b>	<b>0</b>	<b>84</b>	<b>84</b>	<b>4</b>	18-Sep-20, Zone 08																							
80100EN2010	Z08 - Stage 1 design modelling to 30% Review	23-May-20*	19-Jun-20	23-May-20	19-Jun-20	0	20	20	4																								
80100EN3431	Z08 - Issue 3D Model for 30% Review		19-Jun-20		19-Jun-20	0	0	0	4																								
80100EN3441	Z08 - Stage 2 detail design modelling to 60% Review	22-Jun-20	24-Jul-20	22-Jun-20	24-Jul-20	0	25	25	4																								
80100EN3451	Z08 - Issue 3D Model for 60% Review		24-Jul-20		24-Jul-20	0	0	0	4																								
80100EN3461	Z08 - Stage 2 detail design modelling to 90% Review	27-Jul-20	28-Aug-20	27-Jul-20	28-Aug-20	0	24	24	4																								
80100EN3471	Z08 - Issue 3D Model for 90% Review		28-Aug-20		28-Aug-20	0	0	0	4																								
80100EN3481	Z08 - Stage 2 detail design modelling to Freeze Model	31-Aug-20	18-Sep-20	31-Aug-20	18-Sep-20	0	15	15	4																								
80100EN3491	Z08 - Freeze Model		18-Sep-20		18-Sep-20	0	0	0	4																								
<b>Zone 09</b>		<b>09-Jun-20</b>	<b>02-Oct-20</b>	<b>09-Jun-20</b>	<b>02-Oct-20</b>	<b>0</b>	<b>83</b>	<b>83</b>	<b>3</b>	02-Oct-20, Zone 09																							
80100EN2011	Z09 - Stage 1 design modelling to 30% Review	09-Jun-20*	09-Jul-20	09-Jun-20	09-Jul-20	0	19	19	3																								
80100EN3501	Z09 - Issue 3D Model for 30% Review		09-Jul-20		09-Jul-20	0	0	0	3																								
80100EN3511	Z09 - Stage 2 detail design modelling to 60% Review	06-Jul-20	07-Aug-20	06-Jul-20	07-Aug-20	0	24	24	3																								
80100EN3521	Z09 - Issue 3D Model for 60% Review		07-Aug-20		07-Aug-20	0	0	0	3																								
80100EN3531	Z09 - Stage 2 detail design modelling to 90% Review	10-Aug-20	11-Sep-20	10-Aug-20	11-Sep-20	0	25	25	3																								
80100EN3541	Z09 - Issue 3D Model for 90% Review		11-Sep-20		11-Sep-20	0	0	0	3																								
80100EN3551	Z09 - Stage 2 detail design modelling to Freeze Model	14-Sep-20	02-Oct-20	14-Sep-20	02-Oct-20	0	15	15	3																								
80100EN3561	Z09 - Freeze Model		02-Oct-20		02-Oct-20	0	0	0	3																								
<b>Zone 10</b>		<b>27-Apr-20 A</b>	<b>11-Sep-20</b>	<b>27-Apr-20</b>	<b>11-Sep-20</b>	<b>0</b>	<b>89</b>	<b>79</b>	<b>4</b>	11-Sep-20, Zone 10																							
80100EN2012	Z10 - Stage 1 design modelling to 30% Review	27-Apr-20 A	29-May-20	27-Apr-20	29-May-20	0	24	5	4																								
80100EN3571	Z10 - Issue 3D Model for 30% Review		29-May-20		29-May-20	0	0	0	4																								
80100EN3581	Z10 - Stage 2 detail design modelling to 60% Review	01-Jun-20	10-Jul-20	01-Jun-20	10-Jul-20	0	30	30	4																								
80100EN3591	Z10 - Issue 3D Model for 60% Review		10-Jul-20		10-Jul-20	0	0	0	4																								
80100EN3601	Z10 - Stage 2 detail design modelling to 90% Review	13-Jul-20	21-Aug-20	13-Jul-20	21-Aug-20	0	29	29	4																								
80100EN3611	Z10 - Issue 3D Model for 90% Review		21-Aug-20		21-Aug-20	0	0	0	4																								
80100EN3621	Z10 - Stage 2 detail design modelling to Freeze Model	24-Aug-20	11-Sep-20	24-Aug-20	11-Sep-20	0	15	15	4																								
80100EN3631	Z10 - Freeze Model		11-Sep-20		11-Sep-20	0	0	0	4																								
<b>Zone 11</b>		<b>21-Apr-20 A</b>	<b>04-Sep-20</b>	<b>21-Apr-20</b>	<b>04-Sep-20</b>	<b>0</b>	<b>84</b>	<b>74</b>	<b>4</b>	04-Sep-20, Zone 11																							
80100EN2013	Z11 - Stage 1 design modelling to 30% Review	21-Apr-20 A	25-May-20	21-Apr-20	22-May-20	0	28	0	4																								
80100EN3641	Z11 - Issue 3D Model for 30% Review		25-May-20		22-May-20	0	0	0	4																								
80100EN3651	Z11 - Stage 2 detail design modelling to 60% Review	23-May-20	09-Jul-20	23-May-20	09-Jul-20	0	30	30	4																								
80100EN3661	Z11 - Issue 3D Model for 60% Review		09-Jul-20		09-Jul-20	0	0	0	4																								
80100EN3671	Z11 - Stage 2 detail design modelling to 90% Review	06-Jul-20	14-Aug-20	06-Jul-20	14-Aug-20	0	29	29	4																								
80100EN3681	Z11 - Issue 3D Model for 90% Review		14-Aug-20		14-Aug-20	0	0	0	4																								
80100EN3691	Z11 - Stage 2 detail design modelling to Freeze Model	17-Aug-20	04-Sep-20	17-Aug-20	04-Sep-20	0	15	15	4																								
80100EN3701	Z11 - Freeze Model		04-Sep-20		04-Sep-20	0	0	0	4																								

# 9. Schedule Overview (4)

## Pre & Dry Docking Programme



Scope of work before the dry dock is dependent upon when the yard returns to normal working.

Any critical activities to support dry docking have been highlighted and prioritized

# 9. Schedule Overview (4)

## Pre & Dry Docking Programme

		801 Master Schedule V0 Pre Dry Dock plan								2020				
Activity ID	Activity Name	Start	Finish	BL Project Start	BL Project Finish	Planned Hrs	OO	RD	Total Float	Jun	Jul	Aug	Sep	Oct
B01AS21220	OO131- Hydraulic Pipework Between Header Tank & Stem Tubes	30-Jun-20	23-Jul-20	07-Jul-20	04-Aug-20	88	18	18	10					
B01AS21080	OO200- Rudder Angle Indication/ Steering Gear Alignment	08-Jul-20	21-Jul-20	10-Jul-20	23-Jul-20	0	10	10	2					
B01AS21170	OO77- Propeller Shaft Bulkhead Gland/ Adapter Plates	10-Jul-20	23-Jul-20	24-Jul-20	07-Aug-20	0	10	10	10					
B01AS21100	Thruster Unit Oil Analysis and change	14-Jul-20	27-Jul-20	10-Jul-20	23-Jul-20	0	10	10	0					
B01AS21200	OO147-1/2 Stabiliser Header Tanks	14-Jul-20	27-Jul-20	14-Jul-20	27-Jul-20	41	10	10	8					
B01AS21120	OO89- Sea Inlet Boxes & Grids	22-Jul-20	05-Aug-20	24-Jul-20	07-Aug-20	0	10	10	2					
B01AS21110	Thruster Unit Oil Removal & Overhaul	24-Jul-20	07-Aug-20	24-Jul-20	07-Aug-20	0	10	10	0					
<b>Change package</b>		<b>16-Jun-20</b>	<b>27-Jul-20</b>	<b>16-Jun-20</b>	<b>04-Aug-20</b>	<b>341</b>	<b>30</b>	<b>30</b>	<b>8</b>					
B01SW2800	ON108 - Structural mods to upper dk #61-83 U14 Port. Opening to be reduced	16-Jun-20	22-Jun-20	16-Jun-20	22-Jun-20	17	5	5	8					
B01SW2940	ON125 - Additional carlings required at F122 below mezz deck	23-Jun-20	29-Jun-20	14-Jul-20	20-Jul-20	15	5	5	8					
B01SW2810	ON110 - Structural mods to main/mezz & upper dks F193-34 Escape openings	30-Jun-20	06-Jul-20	23-Jun-20	29-Jun-20	68	5	5	8					
B01SW2950	ON126 - Additional stiffeners required at F143 below main deck	07-Jul-20	13-Jul-20	21-Jul-20	27-Jul-20	25	5	5	8					
B01SW2830	ON111 - Yard supplied parts to be added at installation of Mezz Deck ramp as per TTS instructo	14-Jul-20	20-Jul-20	30-Jun-20	06-Jul-20	23	5	5	8					
B01SW2960	ON127 - Insert plates required IWO clam shell hinge unit misalignment	21-Jul-20	27-Jul-20	29-Jul-20	04-Aug-20	159	5	5	8					
<b>200 Series - Partially Complete Hotwork</b>		<b>16-Jun-20</b>	<b>13-Jul-20</b>	<b>16-Jun-20</b>	<b>13-Jul-20</b>	<b>730</b>	<b>19</b>	<b>19</b>	<b>19</b>					
B01AS20101	200-1 Stern Ramp Seal Support plates	16-Jun-20	29-Jun-20	16-Jun-20	29-Jun-20	90	9	9	13					
B01AS20103	200-2 Aft Ramp Winch Details	16-Jun-20	25-Jun-20	16-Jun-20	25-Jun-20	66	8	8	13					
B01AS20105	200-3 Aft Bulwork Gates FR 10 Units B0 & B1	16-Jun-20	29-Jun-20	16-Jun-20	29-Jun-20	163	9	9	19					
B01AS20107	200-5 Installation of Upper Deck & Side Aft Extension - Starboard	16-Jun-20	29-Jun-20	16-Jun-20	29-Jun-20	53	10	10	28					
B01AS20111	200-20 203 S.T.P. Room Supply Fans Seat ST80	16-Jun-20	29-Jun-20	16-Jun-20	29-Jun-20	39	10	10	28					
B01AS20102	200-21 203 S.T.P. Room Gate Unit Fans Seat ST80	16-Jun-20	23-Jun-20	16-Jun-20	23-Jun-20	42	6	6	32					
B01AS20112	200-51 Modifications To Units 30 + 51 To Accommodate Mooring Equip	16-Jun-20	17-Jun-20	16-Jun-20	17-Jun-20	12	2	2	0					
B01AS20114	200-44 Gangway Support Bar Starboard	16-Jun-20	29-Jun-20	16-Jun-20	29-Jun-20	81	10	10	28					
B01AS20605	200-59 Fender Plan Starboard Side Aft End Additional (includes scaffolding)	29-Jun-20	13-Jul-20	29-Jun-20	13-Jul-20	189	10	10	19					
<b>Dry Dock</b>		<b>10-Aug-20</b>	<b>04-Sep-20</b>	<b>10-Aug-20</b>	<b>07-Sep-20</b>	<b>1431</b>	<b>20</b>	<b>20</b>	<b>329</b>					
B01GD1170	Dry Dock 1	10-Aug-20*	04-Sep-20	10-Aug-20	04-Sep-20	0	20	20	0					
B01SW20600	External Paint Shell	10-Aug-20	04-Sep-20	10-Aug-20	07-Sep-20	0	20	20	329					
<b>Change package</b>		<b>10-Aug-20</b>	<b>14-Aug-20</b>	<b>10-Aug-20</b>	<b>17-Aug-20</b>	<b>607</b>	<b>5</b>	<b>5</b>	<b>16</b>					
B01SW2610	ON161 - Insert plates required IWO casing units main deck to upper deck	10-Aug-20	14-Aug-20	10-Aug-20	17-Aug-20	252	5	5	16					
B01SW2630	ON167 - 12 thick insert plates required in shell due to relocate sport/swid gunport. ADDED TO DRY DOCK SPEC	10-Aug-20	14-Aug-20	10-Aug-20	17-Aug-20	250	5	5	16					
B01SW2720	ON189 - Additional bottom shell stiffeners ADDED TO DRY DOCK SPEC	10-Aug-20	14-Aug-20	10-Aug-20	17-Aug-20	0	5	5	16					
B01SW2730	ON186 - Missing Brackets in various locations	10-Aug-20	14-Aug-20	10-Aug-20	17-Aug-20	56	5	5	16					
B01SW2980	ON129 - Deck to be out away	10-Aug-20	14-Aug-20	10-Aug-20	17-Aug-20	25	5	5	16					
B01SW21000	ON131 - Additional FB stiffening added at 3 locations on U44	10-Aug-20	14-Aug-20	10-Aug-20	17-Aug-20	14	5	5	16					
B01SW21020	ON133 - Stair opening cut out to be increased P&S (Possible dry dock work)	10-Aug-20	14-Aug-20	10-Aug-20	17-Aug-20	10	5	5	16					
<b>200 Series - Partially Complete Hotwork</b>		<b>10-Aug-20</b>	<b>04-Sep-20</b>	<b>10-Aug-20</b>	<b>04-Sep-20</b>	<b>824</b>	<b>19</b>	<b>19</b>	<b>2</b>					
B01AS20106	Structural Mods IWO Bow Ramp (Bow Thruster Comp)	10-Aug-20	21-Aug-20	10-Aug-20	21-Aug-20	413	9	9	2					
B01AS20108	Structural Mods IWO Bow Ramp (Bow )	21-Aug-20	04-Sep-20	21-Aug-20	04-Sep-20	411	10	10	2					



## 9. Key Deliverables / Milestones Status

Programme Milestones					
ID	Team/Discipline	Milestone Description	Baseline Date	Forecast/Achieved	Status
<b>2020 Q1</b>					
2020-01	FMPG	Agree Design Contract with [redacted] Engineering	February 20	February 20	Achieved 27-Feb-20
2020-02	FMPG	Agree 2 Ship Integrated Baseline Programme	March 20	March 20	Complete 27-Feb-2020
2020-03	[redacted]	Zones 2, 3, 4, 6 & 7 - Start 3D Modelling	March 20	March 20	Work Commenced W/C 02-Mar-20
2020-04	[redacted]	Zone 2 - Issue 3D Model for 60% Review	March 20	March 20	Complete 27-Mar-2020
2020-05	FMPG	Issue ITT for Pipe Manufacturing Contract	March 20	March 20	Outline ITT currently being produced
2020-06	[redacted]	Zone 2 - Issue 3D Model for 90% Review	March 20	30-Apr-20	
2020-07	Production	802 - Commence Fabrication of Rem	April 20		Will be impacted by Covid-19 lockdown
2020-08	Production	801 - Fwd Mooring Deck Struc	April 20		Will be impacted by Covid-19 lockdown
2020-09	[redacted]	Zones 5, 10 & 11- Start	April 20		Zone 05 - Started 06-Apr-2020
2020-10	[redacted]	Zone 2 - Freeze	May 20		
2020-11	Production	802 - 1st Berth	May 20		
2020-12	[redacted]	Zone 2 - Start 3D Modelling	May 20		
2020-13	[redacted]	Engine Room Approved Pipe Drawings Issue	June 20		
2020-14	[redacted]	Zones 9 - Start 3D Modelling	June 20		

No progress due to Covid-19 lockdown

# 9a. Milestone Slip Chart (Ship 801)

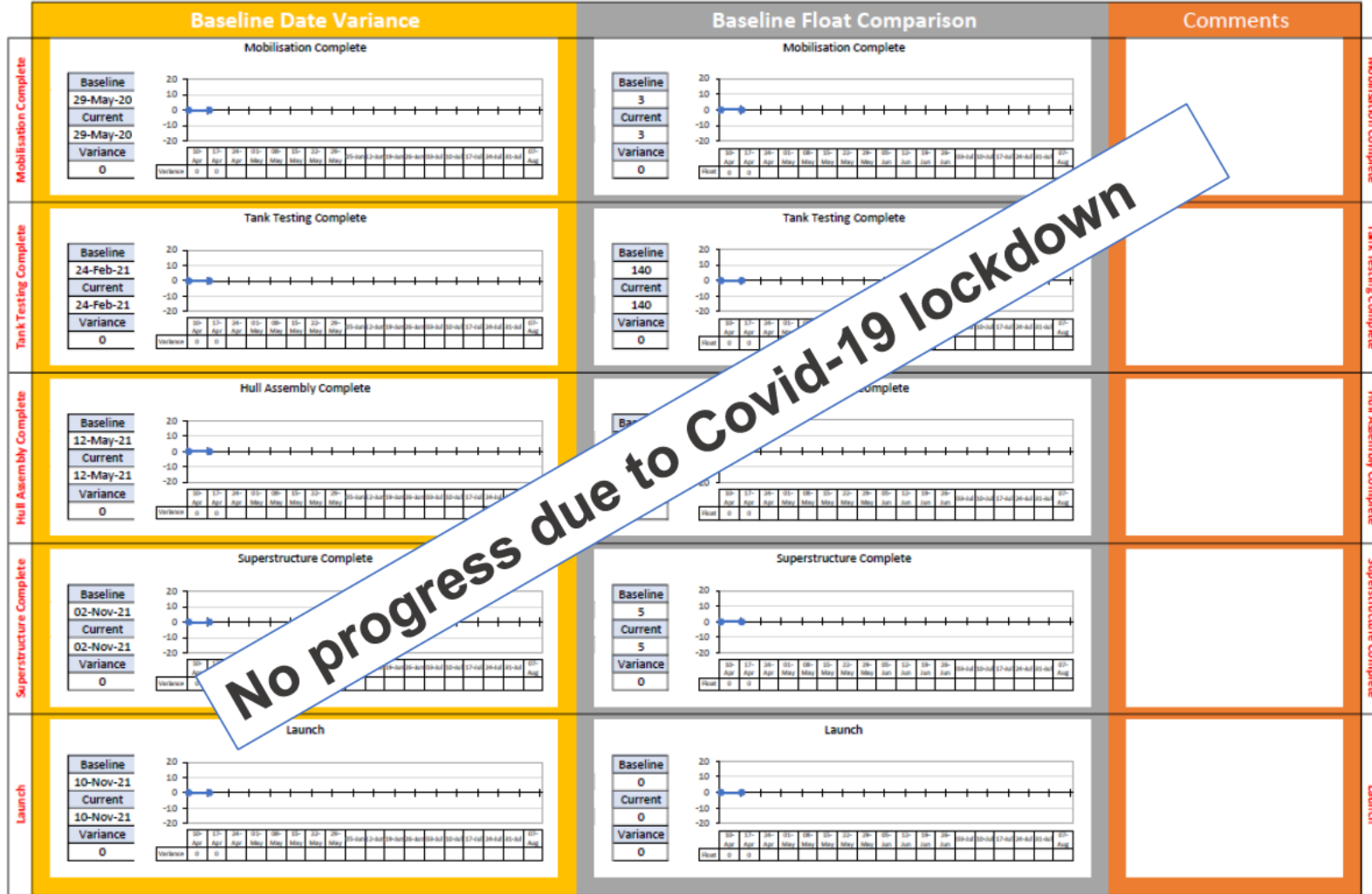
## 801 Cardinal Dates Extract -- Pre-Commissioning

	Baseline Date Variance	Baseline Float Comparison	Comments												
Pre-Dock Mobilisation Comp.	<p><b>Pre-Dock Mobilisation Comp.</b></p> <table border="1"> <tr><td>Baseline</td><td>14-Apr-20</td></tr> <tr><td>Current</td><td>24-Apr-20</td></tr> <tr><td>Variance</td><td>-10</td></tr> </table>	Baseline	14-Apr-20	Current	24-Apr-20	Variance	-10	<p><b>Pre-Dock Mobilisation Comp.</b></p> <table border="1"> <tr><td>Baseline</td><td>12</td></tr> <tr><td>Current</td><td>2</td></tr> <tr><td>Variance</td><td>-10</td></tr> </table>	Baseline	12	Current	2	Variance	-10	<p>Date impacted by COVID-19 lockdown. Date moved within the plan to support initial return to work date of 24th-Apr</p>
Baseline	14-Apr-20														
Current	24-Apr-20														
Variance	-10														
Baseline	12														
Current	2														
Variance	-10														
Enter Dry Dock	<p><b>Enter Dry Dock</b></p> <table border="1"> <tr><td>Baseline</td><td>10-Aug-20</td></tr> <tr><td>Current</td><td>10-Aug-20</td></tr> <tr><td>Variance</td><td>0</td></tr> </table>	Baseline	10-Aug-20	Current	10-Aug-20	Variance	0	<p><b>Enter Dry Dock</b></p> <table border="1"> <tr><td>Baseline</td><td>1</td></tr> <tr><td>Current</td><td>1</td></tr> <tr><td>Variance</td><td>0</td></tr> </table>	Baseline	1	Current	1	Variance	0	
Baseline	10-Aug-20														
Current	10-Aug-20														
Variance	0														
Baseline	1														
Current	1														
Variance	0														
Exit Dry Dock	<p><b>Exit Dry Dock</b></p> <table border="1"> <tr><td>Baseline</td><td>04-Sep-20</td></tr> <tr><td>Current</td><td>04-Sep-20</td></tr> <tr><td>Variance</td><td>0</td></tr> </table>	Baseline	04-Sep-20	Current	04-Sep-20	Variance	0	<p><b>Exit Dry Dock</b></p> <table border="1"> <tr><td>Baseline</td><td>1</td></tr> <tr><td>Current</td><td>1</td></tr> <tr><td>Variance</td><td>0</td></tr> </table>	Baseline	1	Current	1	Variance	0	
Baseline	04-Sep-20														
Current	04-Sep-20														
Variance	0														
Baseline	1														
Current	1														
Variance	0														
Structural Work Complete	<p><b>Structural Work Complete</b></p> <table border="1"> <tr><td>Baseline</td><td>04-Dec-20</td></tr> <tr><td>Current</td><td>04-Dec-20</td></tr> <tr><td>Variance</td><td>0</td></tr> </table>	Baseline	04-Dec-20	Current	04-Dec-20	Variance	0	<p><b>Structural Work Complete</b></p> <table border="1"> <tr><td>Baseline</td><td>35</td></tr> <tr><td>Current</td><td>35</td></tr> <tr><td>Variance</td><td>0</td></tr> </table>	Baseline	35	Current	35	Variance	0	
Baseline	04-Dec-20														
Current	04-Dec-20														
Variance	0														
Baseline	35														
Current	35														
Variance	0														
Commence Commissioning	<p><b>Commence Commissioning</b></p> <table border="1"> <tr><td>Baseline</td><td>02-Feb-21</td></tr> <tr><td>Current</td><td>02-Feb-21</td></tr> <tr><td>Variance</td><td>0</td></tr> </table>	Baseline	02-Feb-21	Current	02-Feb-21	Variance	0	<p><b>Commence Commissioning</b></p> <table border="1"> <tr><td>Baseline</td><td>1</td></tr> <tr><td>Current</td><td>1</td></tr> <tr><td>Variance</td><td>0</td></tr> </table>	Baseline	1	Current	1	Variance	0	
Baseline	02-Feb-21														
Current	02-Feb-21														
Variance	0														
Baseline	1														
Current	1														
Variance	0														

No progress due to Covid-19 lockdown

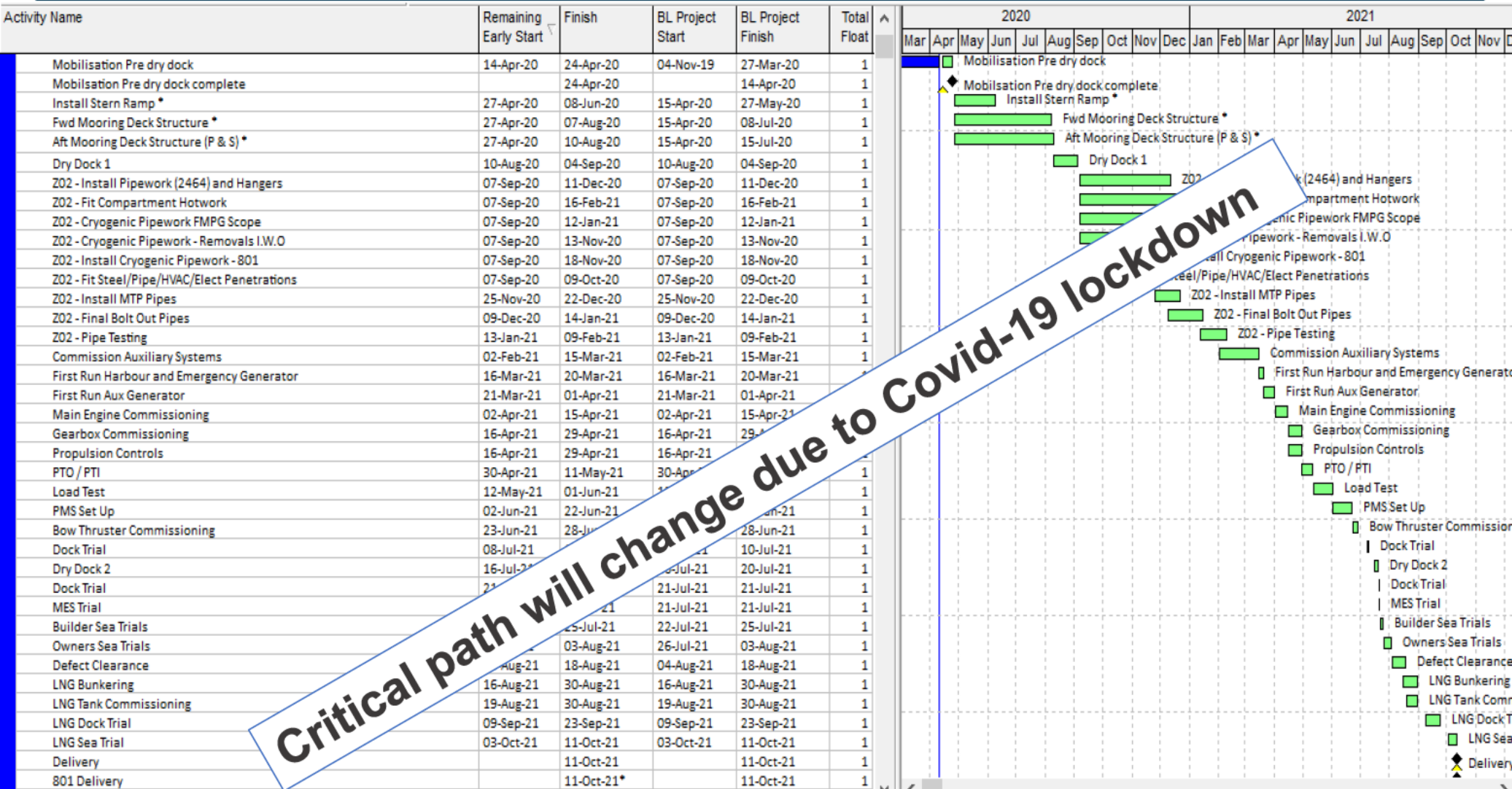
# 9a. Milestone Slip Chart (Ship 802)

802 -- Pre-Launch



No progress due to Covid-19 lockdown

## 9b. Ship 801 Critical path



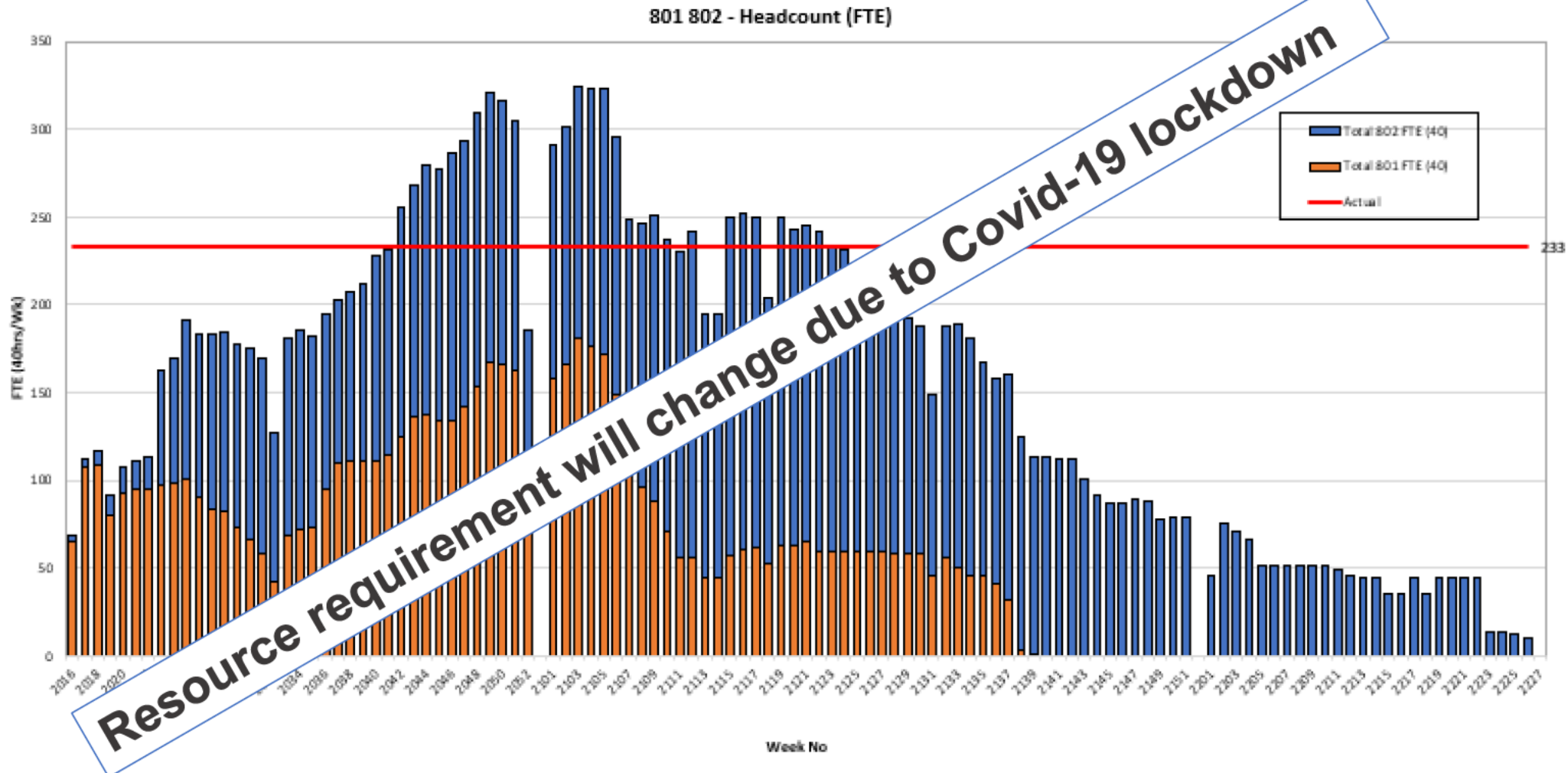
**Critical path will change due to Covid-19 lockdown**

# 9b. Ship 802 Critical path

Activity Name	Remaining Early Start	Finish	BL Project Start	BL Project Finish	Total Float	2020												2021												2022											
						M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D		
Mobilisation	30-Mar-20	29-May-20	04-Nov-19	27-Mar-20	0	Gantt chart showing project schedule from 2020 to 2022. A diagonal banner reads: 'Critical path will change due to Covid-19 lockdown'.																																			
Mobilisation Complete		29-May-20		29-May-20	0																																				
Unit A5/5 Fabrication	01-Jun-20	10-Jul-20	01-Jun-20	10-Jul-20	0																																				
Unit A6/5 Fabrication	08-Jun-20	24-Jul-20	08-Jun-20	24-Jul-20	0																																				
Unit A7/5 Fabrication	15-Jun-20	31-Jul-20	15-Jun-20	31-Jul-20	0																																				
Unit A10/5 Fabrication	04-Aug-20	21-Sep-20	04-Aug-20	21-Sep-20	0																																				
Unit A11/5 Fabrication	11-Aug-20	05-Oct-20	11-Aug-20	05-Oct-20	0																																				
Unit A11/6 Fabrication	06-Oct-20	30-Nov-20	06-Oct-20	30-Nov-20	0																																				
Unit A6/6 Fabrication	01-Dec-20	27-Jan-21	01-Dec-20	27-Jan-21	0																																				
Unit A8/6 Fabrication	28-Jan-21	17-Mar-21	28-Jan-21	17-Mar-21	0																																				
Unit A9/7 Fabrication	18-Mar-21	30-Apr-21	18-Mar-21	30-Apr-21	0																																				
Unit A4/5 Fabrication	04-May-21	31-May-21	04-May-21	31-May-21	0																																				
Unit A4/7 Fabrication Steel	01-Jun-21	12-Jul-21	01-Jun-21	12-Jul-21	0																																				
Aft Mast Steel Fabrication	13-Jul-21	17-Aug-21	13-Jul-21	17-Aug-21	0																																				
Unit Fwd Mast Fabrication	18-Aug-21	12-Oct-21	18-Aug-21	12-Oct-21	0																																				
Unit Fwd Mast Erect, Fair and Weld	13-Oct-21	02-Nov-21*	13-Oct-21	02-Nov-21	0																																				
Launch	10-Nov-21		10-Nov-21		0																																				
802 Launch		10-Nov-21*		10-Nov-21	0																																				
Commission Auxiliary Systems	15-Nov-21	14-Jan-22	15-Nov-21	14-Jan-22	0																																				
First Run Harbour and Emergency Generator	17-Jan-22	21-Jan-22	17-Jan-22	21-Jan-22	0																																				
First Run Auxiliary Generator	22-Jan-22	03-Feb-22	22-Jan-22	03-Feb-22	0																																				
Main Engine Commissioning	04-Feb-22	18-Feb-22	04-Feb-22	18-Feb-22	0																																				
Gearbox Commissioning	19-Feb-22	02-Mar-22	19-Feb-22	02-Mar-22	0																																				
PTO / PTI	03-Mar-22	07-Mar-22	03-Mar-22	07-Mar-22	0																																				
Load Test	10-Mar-22	27-Mar-22	10-Mar-22	27-Mar-22	0																																				
PMS Set Up	28-Mar-22	13-Apr-22	28-Mar-22	13-Apr-22	0																																				
Bow Thruster Commissioning	14-Apr-22	18-Apr-22	14-Apr-22	18-Apr-22	0																																				
Dock Trial	29-Apr-22	29-Apr-22	29-Apr-22	29-Apr-22	0																																				
Dry-Dock	14-May-22	05-May-22	14-May-22	05-May-22	0																																				
MES Trial	16-May-22	16-May-22	16-May-22	16-May-22	0																																				
Inclining Exercise	17-May-22	17-May-22	17-May-22	17-May-22	0																																				
Builder Sea Trials	18-May-22	21-May-22	18-May-22	21-May-22	0																																				
Owners Sea Trials	22-May-22	24-May-22	22-May-22	24-May-22	0																																				
802 Builders and Owners Sea Trials		24-May-22*		24-May-22	0																																				
Defect Clearance	25-May-22	07-Jun-22	25-May-22	07-Jun-22	0																																				
LNG Tank Commissioning	08-Jun-22	19-Jun-22	08-Jun-22	19-Jun-22	0																																				
LNG Dock Trial	23-Jun-22	23-Jun-22	23-Jun-22	27-Jun-22	0																																				
LNG Sea Trial	01-Jul-22	03-Jul-22	01-Jul-22	03-Jul-22	0																																				

Critical path will change due to Covid-19 lockdown

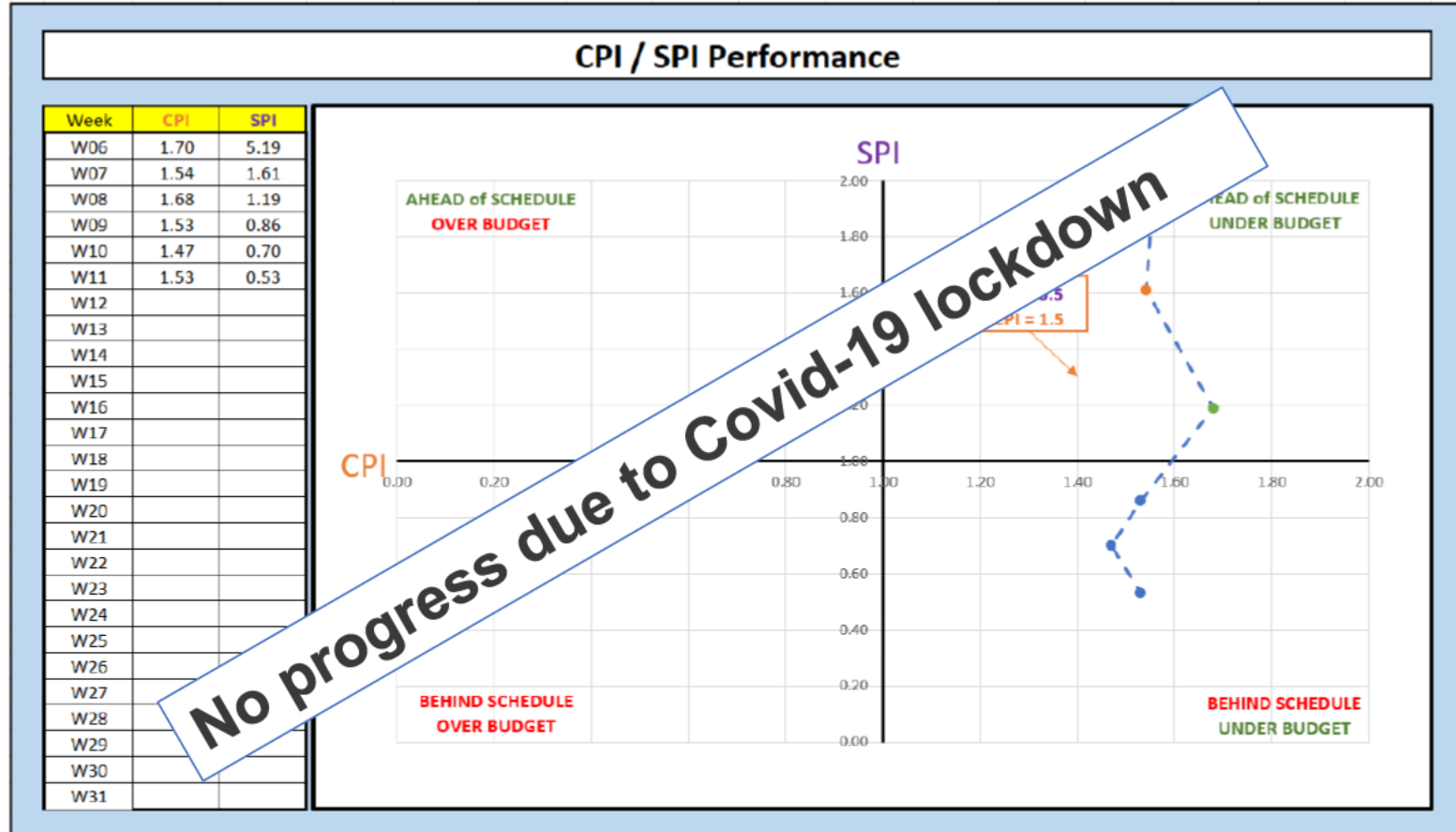
# 10. Resource Profile



[redacted]

## 12. SPI & CPI Trends

Based on the 2020 Q1 Plan





## 13. Sub-contractor Status

Subcontractor	Scope of Work	Forecast contract date	Status
[redacted]	Electrical design and commissioning	June	Parallel negotiations are being conducted with [redacted] as an alternative supplier
[redacted]	Accommodation outfit	June	Updated pricing received. A revised programme is being developed and technical baseline established
[redacted]	HVAC	April	Revised costings now received. A meeting will be arranged to review
[redacted]	Main machinery	April	Initial discussion held, outstanding claim and payments resolved. Will be finalised when we have an indicative price for maintenance and support
[redacted]	Pipe manufacture	June	ITT responses now received and assessment phase to commence. Was delayed 1 week as a result of COVID
[redacted]	Cable installation and termination	August	An ITT is currently being developed with a forecast to issue of June

[redacted]

[redacted]