Programme: 100m LNG Dual-fueled Ro-Ro Passenger Ferry

Programme Director: [redacted]

Review Period:

January 2020

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



Ferguson Marine (Port Glasgow) Proprietary Information

The information contained in this document is the property of Ferguson Marine (Port Glasgow), and further dissemination is prohibited without written permission of Ferguson Marine (Port Glasgow). IN STRICT CONFIDENCE

1a. SHE

Report Number: 012 Month: Dec 12

Date: 01.01.21

1. Monthly Cumulative Safety Statistics

s/#	Title	This Mont	h Figures	Cumulative
01	Total Man Hours (provided by Planning Department)	51829	301803	
02	Man Power	Direct	254	
	(provided by HR)	In-Direct	92	
		Total	346	
03	RIDDORS	1		3
04	Fatality Case (Fatal)	0		0
05	Lost Working day Case (LWC)	0	3	
06	Medical Treatment Case (MTC)	1	11	
07	First Aid Case (FAC)	3	56	
08	Property Damage (PD)	0		0
09	Near Miss (NM)	0		6
10	Fire Incident (FI)	0		2
11	Environmental Incident	0		1
12	Total Number of Recordable Injuries	0		20
13	Total Number of Days Lost			16

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

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

- 1. RIDDOR. 1 incident. Back injury while cleaning of blasting area on 802
- Medical treatments 1 medical treatment resulting in above RIDDOR.
- First Aid 3 incidents 1 foreign objects in eye, 2 cut fingers.
- Fire incident Nothing reported.
 27/7 fire watch patrols being maintained.
- 27/7 file watch patrois being maintaineu.
- 5. Environmental incident no environmental incidents occurred in month of December.
- 6. Near Miss None reported

3. Other SHEQ Activities

Description	This Month	
Site Safety Inspection	2	802 & 805 Walks include SMT member and Union Representative. Continue to review the current site COVID-19 controls.
Policy/Paperwork Reviews	1	Current reviews ongoing include Permit to Work audit & evolvement into Integrated Safe System of Work (ISSOW). New Site Lifting Rules / Process to be implemented & rolled out. Take 5 implementation. Induction Process to be updated. 5s implementation. Continued review of COVID-19 control measures.

4. SHEQ Initiatives

escription

New Interim Health & Safety Director [redacted started 7th December with a view to help identify, change & improve current processes, procedures & safety culture throughout. Monthly Safety Committee meetings to be started again early Q1 2021. Initial discussions have

taken place to discuss best format for future meetings.

Full PTW audit completed for first 2 weeks of December which identified major consistent failings.

As part of the Permit to Work review, WORKSAFE Integrated Safe System of Work (ISSOW) is being looked at with a view to evolve the current PTW system & integrate into the WORKSAFE system. Face to face meeting is being arranged with potential supplier.

Currently looking to re-introduce / rollout the Take 5 process, this quick dynamic risk assessment is efficient and effective at the actual location where the work in question is to be completed. Onsite Health & Safety Training facilities covering many various HSE disciplines.

Ferguson Marine (Port Glasgow) Proprietary Information

The information contained in this document is the property of Ferguson Marine (Port Glasgow), and further dissemination is prohibited without written permission of Ferguson Marine (Port Glasgow).

2. Contract Summary

Customer	CMAL	Contract Start	Restart – 2 nd December 2019
Agreed Contract value	Budget to completion - £110m	Contract Finish	801 April 2022 – 802 Dec 2022
Project Type	Design and Build	Forecast Finish	801 April 2022 – 802 Dec 2022
Project Director	[redacted	Contract Type	SG funded

Project Scope	Design, build and commission 2 off LNG dual fuel ferries, including training and provision of spares and handbooks. The scope of this project is to complete the design and build etc. following the Receivership of 16 th August 2019.
Significant Project Changes	None (in this phase).
Acceptance Criteria	As per the specification.
Payment Terms	Currently – funding provided by the Scottish Government based upon FM(PG) cash flow forecast.
Warranty	The warranty for both vessels is 12 months from delivery. No allowance has been made financially for either shipyard support or suppliers warranties that have lapsed during this period.
Liquidated Damages	No allowance has been made for late delivery. Performance penalty for weight – the maximum allowance of £250k per vessel has been included, if the allowance is exceeded the buyer has a contractual right to terminate. Performance penalty for speed - the maximum allowance of £150k per vessel has been included, if the allowance is exceeded the buyer has a contractual right to terminate. Performance penalty for speed - the maximum allowance of £150k per vessel has been included, if the allowance is exceeded the buyer has a contractual right to terminate. Performance penalty for fuel consumption – no allowance has been made.
Special Conditions	

Ferguson Marine (Port Glasgow) Proprietary Information

The information contained in this document is the property of Ferguson Marine (Port Glasgow), and further dissemination is prohibited without written permission of Ferguson Marine (Port Glasgow).

3. Business Success Criteria

<u>5. Dusiness success</u>	enteri		-			
Success Criteria	Due	Owner	Enabler	Status	TL	Fut Tr
All work undertaken at ship is by work package and identified in the programme	June 20	[redacte	 Development of the programme down to a work package level. Time recording aligned to allow roll up. Time recording process effective. 	 801/802 project programmes are now at Lvl4 detail. Manhours, zones, sub-zones and CAM's are coded within P6 for monitoring and reporting purposes. 	G	\leftrightarrow
Work packages are issued with associated information and materials	June 20	[redacte	Inventory is loaded into the stores management module on [redacted Inventory can be coded to align with P6 plan	 Work packages for fabrication, hotwork and pipe manufacture are now being issued with material identified. 	A	1
Inventory is properly identified in Factory Master to the appropriate level	May 20	[redacted]	Movement of equipment from [redacted] to new facility and entered onto [redacted with appropriate part numbering	 Inventory has now been QC checked [reducted] material checking is now underway and comms cabinets have been completed), loading into Factory Master is now well underway with approx. 9500 items loaded. 	G	\leftrightarrow
Technical information is produced on ime and change is minimised	Sept 20	[redacted]	 Ireducteare contracted to complete the design. Design review process allows proper review of the design before issue 	 The Industprogramme to delivery AFC drawings will complete at the end of January. The Field Engineering Team are clearing holds by zone 	G	\leftrightarrow
Technical information is produced on ime and change is minimised	Sept 20	[redacted]	 Produce and maintain an accurate MDR, identify which existing drawings are required to be updated, identify which drawings are required for planned work packages. Minimise change by confirming design is compliant to requirements and complete 	 Legacy drawings being checked for validity. Basic design not completely approved so there is a risk of change. Ship requires survey to scope structural changes – survey of car deck has been completed and identified 1 major issue (breast plate to install), 190 actions are detailed and being progressed by Eng / Ops teams 	A	¢
Control of change is a properly managed process	March 20	[redacte	Creation of a new process, implementation and adherence	 The process is fully operational. Drawing revisions are now being received and this will need managing as part of the overall change process. 	G	\leftrightarrow
Customer relationship is positively maintained throughout the project	Through the project	[redacte	Regular dialogue at all levels, monthly reviews, ad hoc meetings	 CMAL are fully engaged with the model review. Programme and long-standing issues are being resolved. Monthly progress meetings are working well. 	G	\leftrightarrow
Identify and manage risks and opportuni ies	Through the project	[redacte	A risk review process is in place and is being proactively managed	Risk review are being undertaken monthly. Key risks are being actioned	G	\leftrightarrow
The project is properly resourced with suitably qualified and experienced people	April 20		 Accurate resource forecas ing from the schedule and a resource strategy in place 	 The lack of subcontract production labour is now impacting the programme. This is being reviewed weekly to determine how this can be improved and recovered Engineering has key resource requirements to reduce the reliance on contractors. Industrance now on contract to provide additional pipefitting resource. 	R	¢

Ferguson Marine (Port Glasgow) Proprietary Information

The information contained in this document is the property of Ferguson Marine (Port Glasgow), and further dissemination is prohibited without written permission of Ferguson Marine (Port Glasgow).

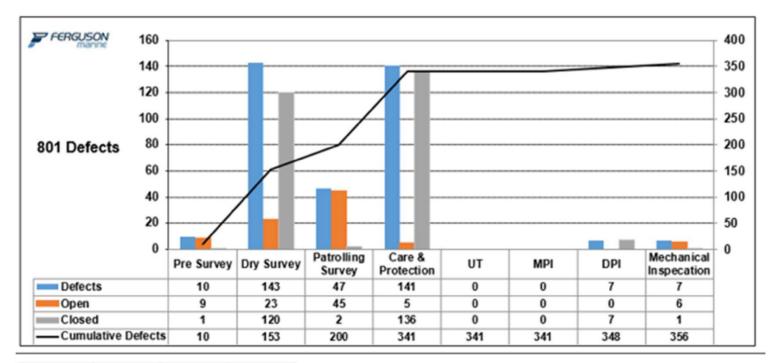
4. SOFT Report

Puppppp	Opportunities
Successes	Opportunities
 In accordance with the new home working requirements, most office based staff are now working from home. External piping manufacture for zone 2 is now complete and zone 3 is on order with deliver forecast mid to end February. Electrical installation - [redacted] are currently finalising the 801 survey and mobilisation has commenced. Zone 0202 – a pipe painting facility has been set up in Greenock to complete painting of bought in pipes. Installation of all zones at AFC is forecast for mid February. 	 Improved dimensional control using 3D technology. To be initially implemented on 802 units 82/83/84 and then future units/structure. Build strategy review for 802 to build as blocks for wheelhouse and bow units prior to erection at ship Double curvature plate has been identified as a problem area and an order is being placed with [redacted] to produce these plates. This affects the 802 ducktail and bow units. [redacted] is now on order ready to commence studding 801 areas bdk and above.
Failures	Threats
 As a result of the new Scottish Government requirements for social distancing measures, particularly in the increase in canteens/amenities from 1m to 2m. This has caused the yard to suspend production on 10th January to allow the amenities to be reconfigured and all COVID precautions to be reviewed. Work on 801 will have a limited start w/c 25th Jan and it is expected that full production will resume on 1st February. Subcontract labour has failed to meet the programme demand, since the 19th October, the demand for approx. 80 production staff has only just reached less than 50%. The forecast supply does not yet satisfy the Q1 demand and a decision has been made to allocate available labour to 801. This will impact the 802 programme. Alternative sources of labour from [redacted have not materialised. Subcontracting packages of work has been implemented for pipe installation. The impact of the suspension of production work, labour shortfall and the extension to the 801 drydock will require a review of the 801/802 programmes. The technical proposal for 801 hull paint repair has not been agreed with CMAL. CMAL consider that a full blast back will be required to meet the specification. This is being reviewed. Both 801 & 802 main transformers have been inspected and have degraded. A decision has been made to replace the units at a cost circa £130k. 	 COVID 19 impact to programme– Further issues/restrictions remain a threat to the programme. As a result of an FMPG employee contracting COVID from an outside source, 9 production managers who were in contact are isolating for 10 days. The impact of COVID is now being seen in the supply chain. LNG bunkering line penetrations have been delayed from November to a forecast of end January. Volume outfitting is now commencing, the production organisation to manage this volume is currently not in place. Additional management and supervision has been identified and recruitment, either permanent or temporary, is in hand. Working practice changes proposed through production wage negotiations may take longer than expected. The ballot was rejected in November. Full time union officials have been involved and a further ballot is expected early Feb. The manufacturing shop loading, and resource, to deliver 801/802/805 work is a concern. Walkways and stairs will be subcontracted. Also the aft mast is being considered. Quotations for these packages has been received and is now being evaluated to allow POs to be placed. Weight report – full review of the report is currently underway using ^{reducted} generated data and validating [redacted] data where possible. This may have a weight growth risk

Ferguson Marine (Port Glasgow) Proprietary Information

The information contained in this document is the property of Ferguson Marine (Port Glasgow), and further dissemination is prohibited without written permission of Ferguson Marine (Port Glasgow).

5. Quality 801



Open Defects 801									
Current Previous Prior									
Critical	28	28	x						
Major	29	29	x						
Moderate	25	22	x						
Low	6	6	x						
Total	> 60	20 - 60	< 20						

Critical

Relate to Legacy issues:

 Panama Eyes (25 of the open 28)
 Bow Thruster space Web thickness,
 Aft mooring Dk local pitting
 Internal transformer coil corrosion

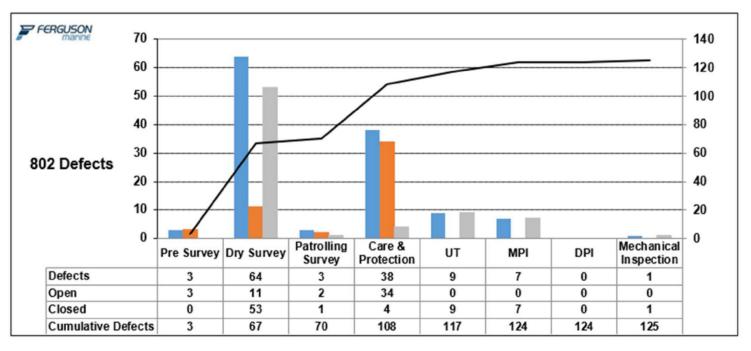
•Major: - ER pipes not welded, isolated equipment damage, structural elements to complete

·Moderate: - fairing, lugs, brackets

Ferguson Marine (Port Glasgow) Proprietary Information

The information contained in this document is the property of Ferguson Marine (Port Glasgow), and further dissemination is prohibited without written permission of Ferguson Marine (Port Glasgow).

5. Quality 802



Open Defects 802										
Current Previous Prior										
Critical	2	0	X							
Major	3	5	×							
Moderate	5	5	х							
Low	41	41	х							
Total	> 60	20 - 60	< 20							

Critical

Relate to Legacy issues:
 •External shell alignment block 9/10
 •Internal transformer coil corrosion

•Major: Structural deflections

•Moderate: C&P & Dry survey defects

Ferguson Marine (Port Glasgow) Proprietary Information

The information contained in this document is the property of Ferguson Marine (Port Glasgow), and further dissemination is prohibited without written permission of Ferguson Marine (Port Glasgow).

5. Quality

Dim control strategy Unit 82 – preparation started with Datum line off and 'green' material mark off – Vessel will be matched to as built and design requirements and erected as First time Fit

[redacted] joined the Quality department as Process Control and Compliance manager. Key first activities has been the roll out of welding standard and pre fit weld up surveys.

ISO 900: 2015 certificate Renewal audit completed with successful results. A significant achievement in the development of the newly formed FM(PG) entity as we have moved to new approach of on system definition of our busines processes and business management system.

Phase II process mapping definition commencing this month with strategic focus on operational teams and defining the inter departmental handshakes

Localised plate pitting has been found IWO STBD aft mooring deck and remedial plans and repairs have been agreed with Class

QC mechanical department are working closely with client and operations of the legacy ER issues, OORs and pipe installation checks this will progress in this quarter with progressive acceptance as we start to ramp up activity in Zone 2

[redacted]

Ferguson Marine (Port Glasgow) Proprietary Information

The information contained in this document is the property of Ferguson Marine (Port Glasgow), and further dissemination is prohibited without written permission of Ferguson Marine (Port Glasgow). IN STRICT CONFIDENCE

6. Traffic Light Report

0. Hullio	Overall Status				P	Return to Green		
Criteria	Sep 20	Oct 20	Nov 20	Dec 20	Future Trend	Date	Status	Comments
Overall Status	A	R	R	R	\leftrightarrow	TBA	R	 The revised Quarterly Look Ahead, QLA, for Q1 was agreed in December. This has been impacted by the COVID suspension of work and a continuing shortfall in subcontract labour. Available labour is being focused onto 801. When normal work is resumed an impact assessment will be made on the programme
Safety	A	A	А	A	Ť	TBA	G	 An interim senior safety director has now been appointed and has undertaken a gap analysis. This shows a score of 23%. Priority H&S actions are being identified however COVID precautions have taken precedence through January
Quality	R	R	R	A	Ť	Mar	G	 Quality moves to Amber and follows the natural progression of understanding the quality issues and route to closure. CO-AT on contract and equipment checks part of scope. The survey and servicing of the main engines has commenced however the engineer is required to return to site to complete the survey initial feedback nothing of major concern. The underwater paint system proposal has been returned by CMAL with reservations on repair however more detailed discussion required to fully understand and close out. Transformer survey complete and repair by replacement has been agreed. Dimensional control surveys with Specialist contractor underway. Double curvature planning now outsourced.
Customer Satisfaction	G	G	G	G	\leftrightarrow			
Schedule	A	R	R	R	\leftrightarrow	TBA	R	 The revised Quarterly Look Ahead, QLA, for Q1 was agreed in December. This has been impacted by the COVID suspension of work and a continuing shortfall in subcontract labour. Available labour is being focused onto 801. When normal work is resumed an impact assessment will be made on the programme
Finance	G	G	G	G	\leftrightarrow			The re-baseline has maintained the previous forecast at completion. There is an increasing amount of hours unspent which reflects the lack of labour
Technical	A	A	A	A	1	Mar	A	 Lloyds and MCA approval remains outstanding (typically NA outputs). Design verification completed; many issues found, typically poor documentation. Weight and stability calculations have been reviewed and there are a high number of issues to resolve. Weight report will be redone using supporting information from ^{Treasch}and validating VN outputs.
Suppliers	А	G	G	G	\leftrightarrow			 Tender exercise on 801/802 Electrical Cable Supply and Installation now concluded. Phase 1 of the 801/802 Hydraulics tender now concluded with Phase 2 in process. Tender exercise on Pipe Fitting framework in process. FMEL sub-contract agreements with both [redacted]
Resources	A	R	R	R	\leftrightarrow	ТВА	R	 Subcontract production labour is building up more slowly than planned. The lack of labour is now impacting the programme. This is currently being reviewed to determine how this can be improved and recovered Engineering has key resource requirements to reduce the reliance on contractors.
Risk	A	R	R	R	\leftrightarrow	TBA	G	 The status remains red as the labour risk is impacting the programme. The COVID risk has also impacted with the suspension of production occurring in January.

Ferguson Marine (Port Glasgow) Proprietary Information

The information contained in this document is the property of Ferguson Marine (Port Glasgow), and further dissemination is prohibited without written permission of Ferguson Marine (Port Glasgow).

7. KPIs / Balanced Scorecard

Planning								
Sche	dule Perforr	nance Index						
	Current	Previous	Prior					
801	0.56	0.57	0.60					
802	0.50	0.55	0.57					
RAG:	< 0.75	0.75 - 0.95	> 0.95					

Cost Performance Index											
	Current Previous Prior										
801	0.65	0.66	0.71								
802	0.83	0.87	0.88								
RAG:	< 0.75	0.75 - 0.95	> 0.95								

	Work Packs C	Opened	
	Planned	Actual	Adherence
Manufacturing	43	27	63%
Installation	5	15	300%
		10000	-
RAG:	< 80%	80 - 90%	> 90%

	Work Packs	Closed	
	Planned	Actual	Adherence
Manufacturing	24	24	100%
Installation	0	0	100%
RAG:	< 80%	80 - 90%	> 90%

	Open Defec	ts 801	
	Current	Previous	Prior
Critical	28	28	28
Major	29	29	29
Moderate	25	22	22
Minor	6	6	6
Total	88	85	85
RAG:	> 60	20 - 60	< 20

Defects

	Open Defect	ts 802	Open Defects 802												
	Current	Previous	Prior												
Critical	2	0	0												
Major	3	5	5												
Moderate	7	5	5												
Minor	41	41	41												
Total	53	51	51												
RAG:	> 60	20 - 60	< 20												

SHE

	Health and	Safety	
	Current	Previous	Prior
Lost Working Days	0	0	0
			_
RAG:	> 3	1-3	< 0

Budget

	Budget £m													
	Original	Forecast	Adherence											
801	£45.5	£46.2	102%											
802	£63.2	£62.5	99%											
Capex	£1.6	£1.6	100%											
Total	£110.3	£110.3	100%											
RAG:	< 95%	95 - 98%	> 98%											

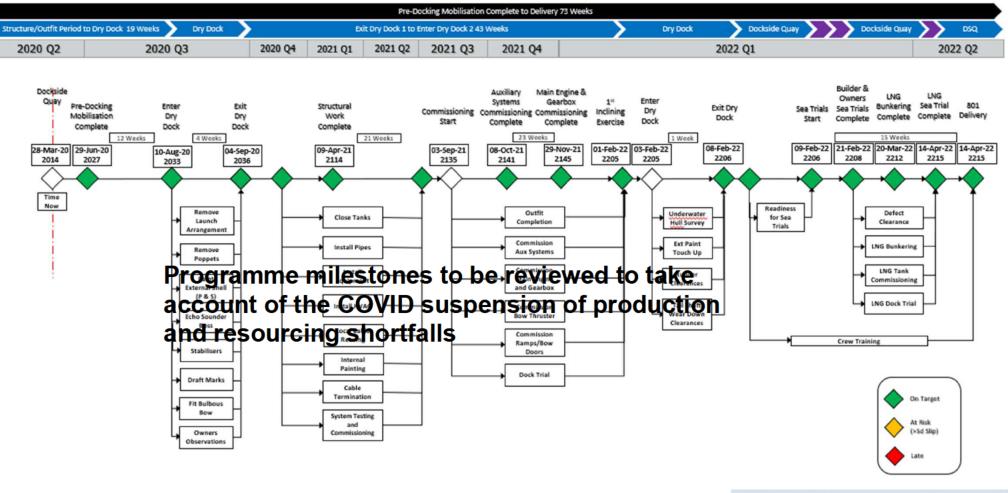
Manpo	wer - FTE 30	: 2101 - 2104	L .
	Planned	Actual	Adherence
Ancillary	36	7	19%
Caulker Burner	16	6	38%
Joiner	21	0	0%
Painter	11	11	100%
Pipefitter	42	11	26%
Plater	62	26	42%
Scaffolder	16	6	38%
Shipwright	8	2	25%
Welder	70	10	14%
Engineer	7	4	57%
801 Total	142	52	37%
802 Total	165	32	19%
Total	307	84	27%
RAG:	> 80%	80 - 90%	> 90%

Ferguson Marine (Port Glasgow) Proprietary Information

The information contained in this document is the property of Ferguson Marine (Port Glasgow), and further dissemination is prohibited without written permission of Ferguson Marine (Port Glasgow).

8.801 Schedule Overview as @ Baseline Position (Aug 2020)

801 Timeline to Delivery



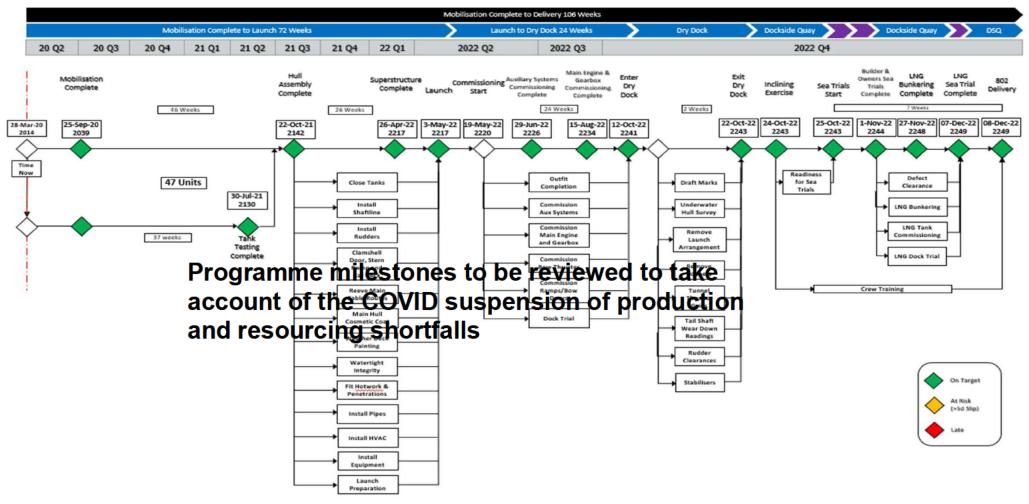
CDP has 3 weeks time contingency included compared to our Driving Project Plan

Ferguson Marine (Port Glasgow) Proprietary Information

The information contained in this document is the property of Ferguson Marine (Port Glasgow), and further dissemination is prohibited without written permission of Ferguson Marine (Port Glasgow).

9.802 Schedule Overview as @ Baseline Position (Aug 2020)

802 Timeline to Delivery



Ferguson Marine (Port Glasgow) Proprietary Information

The information contained in this document is the property of Ferguson Marine (Port Glasgow), and further dissemination is prohibited without written permission of Ferguson Marine (Port Glasgow).

9. CMAL/Transport Scotland Milestones

801/802 Milestones

801			:020	Q	2020 Q	4		2021 Q	1		2021 Q	2		20210	3	:	2021 Q4	1		2022 Q	1		2022 Q	2	2	2022 Q	3	2	022 Q4
Description	Month	Year	Rtr SEI	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV
Zone 02 AFC Drawing Issue Complete	October	2020	23	•					-		-	-		-															-
Electrical Contract Awarded	November	2020	24	100						1		1		1							1	1							
211 Production Outputs Complete	Decemeber	2020	24							1		1		1							1	1							
Start Engine Room Hotwork	January		21			· · · ·				1		1		1							1	1							
Completion of car deck recesses	February	2021	21						1.1	1		1		1							1	1							
complete install pipework in sub zone 0303	March	2021	21									1		1								1							
Structural Work. Complete	April	- ve 1	21									1		1							1	1							
ommence installation in zone 9	Mag		22							~				1							1	1							
Completion of Wheelhouse Windows	June		22							1				1							1	1							
All Pipework installed (Z10)	July		33							1											1	1							
Commission Auxiliary Systems Start	August		23							1		1									1	1							
Auxiliary Systems Commissioning Complete	October		23							1		1		1							1	1							
Z11 - Wheelhouse all electrical equipment installed	September		23							1				1							1	1							
Main Engine & Gearbox Commissioning Start	October		24	D r	$\neg \neg$	ira	m	m		m				hο	C	th	h		ro	1714	014		A 1		ta				
Main Engine & Gearbox Commissioning Complete	November		⊋4	₽r	ΨЧ	I a					пс	721	ιUΙ		Э	ιU				V I 1		くし	u I	ιU	ια	ING	F		
All Checkwire complete	December		24			1					1	1		1					100			1	1			I			
Sea Trials Start	February	2022	21						t				\ / I						_										
Builders & Owners Sea Trials Complete	February	2022	21	ac	rn		nT.	O	T	ne		1()	V		C	IC	ne	n		nn)T	nr	nn		CT			
.NG Bunkering Complete	March			40	Ψυ				LI						30	43		≥∎∎	51			1	PI						
LNG Sea Trial Complete	April	2022								1		1		1			-					1 '	1						
01 Delivery (contract milestone)	April	2022	21							•				110			1					1	1						

802			:0:	20 Q	2020	Q4		2021	Q1		21	021 Q2	:	:	2021 Q3	3	:	2021 Q	4		2022 Q	1		2022 Q	2	:	2022 Q3	3	1	2022 Q	
Description	Month	Year 0	etr s	SEP OCT	NO	DEC	JAR	I FEE	MA	.R A	PR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC
Commence Preparation Unit 3/5	October	2020 0	13	•		-	-	-	-		_	_												-							
Complete preparation unit 3/5	November		- 1									I													1						1
Erect Unit 82 at Berth	November		14									I													1						1
Complete preparation for unit 48	December		14									I													1						1
Commence Tank Testing	January		1		1	100		1.1				I													1						1
Commence Zone 2 Pipework Manufacturing	February	2021 0	1		1							- 1							I												2
Commence Zonal Hotwork Programme - Zone 2	March		1		1							I													1						
Commence Zone 2 Pipework Installation	April	2021 0	12		1																				1						
Complete Preparation of the Funnels	May	2021 0	2		1						· 1														1						
Completion of Cryogenic Pipework - Zone 2	June	2021 0	2		1						1														1						1
Shaftline - Final Line of Sight	July	2021 0	3		1							- 1							I												2
Erect Foc'sle Block at Berth (U49/U50/U51)	August		3		1							I													1						1
Complete Pre-Fitting Out (PFO) Zone 2	September		13		1							I													1						
Hull Assembly Complete (contract milestone - berth join up completed)	October		4		1							I													1						1
	November		4		1							I													1						
	December		4		1							I													1						1
Milestones for the period after October 21 will be agreed 3 months prior to	January	2022 0			1							I													1						1
the date. CDP milestones are included through to delivery	February	2022 0			1							I								· ·					1						1
	March	2022 0			1							- 1							I		· ·										1
Superstructure Complete (contract milestone - 100% fabrication of hull and					1							I													1						
superstructure)	April	2022 0	2		1							I											· ·		1						
Launch (contract milestones - launch and hull inspection and acceptance	May	2022 0	2		1							I													1						
prior to paint completion)					1							I													1						1
Commissioning Start	May	2022 0			1							I																			
Commissioning of Auxiliary Systems Complete	June		2		1							I																			1
	July		2		1							I																			1
Main Engine and Gearbox Commissioning Complete	August		13		1							I													1			1.5			1
	September		13	1		1	1													1					1						1
Commence Sea Trials	October		14	1		1	1													1					1						1
Builder & Owners Sea Trials Complete	November		14	1		1	1													1					1						
LNG Sea Trial Complete	December		14	1		1	1													1					1						9
802 Delivery contract milestone)	December	2022 0	4																						1						

Ferguson Marine (Port Glasgow) Proprietary Information

The information contained in this document is the property of Ferguson Marine (Port Glasgow), and further dissemination is prohibited without written permission of Ferguson Marine (Port Glasgow).

9. CMAL/Transport Scotland Milestones – status to end 2020

801/802 Milestones - Q4 2020 and Q1 2021

801		_	_	2020 Q3		2020 Q4			2021 Q1		
Description	Month	Year	Qtr	SEP	ост	NOV	DEC	JAN	FEB	MAR	Status
Zone 02 AFC Drawing Issue Complete	October	2020	Q3		\diamond						Complete
Electrical Contract Awarded	November	2020	Q4			\diamond					Complete
Z11 Production Outputs Complete	Decemeber	2020	Q4				\diamond				Complete
Start Engine Room Hotwork	January	2021	Q1]							
Completion of car deck recesses	February	2021	Q1						\diamond		
complete install pipework in sub zone 0303	March	2021	Q1							\diamond	

802				2020 Q3		2020 Q4			2021 Q1		
Description	Month	Year	Qtr	SEP	ост	NOV	DEC	JAN	FEB	MAR	Status
Commence Preparation Unit 3/5	October	2020	Q3		\diamond						Complete
Complete preparation unit 3/5	November					\diamond					Complete
Erect Unit 82 at Berth	November	2020	Q4			•					Outstanding - delayed for new dimensional survey and painting. Unit will be erected with minimal rework
Complete preparation for unit 48	December	2020	Q4				•				Unit steelwork has been inspected and scrapped (with the exception of the bulbous bow) Steel will be provided by centralstaal. This will be reforecast
Commence Tank Testing	January	2021	Q1					\diamond			
Commence Zone 2 Pipework Manufacturing	February	2021	Q1						\diamond		
Commence Zonal Hotwork Programme - Zone 2	March	2021	Q1							\diamond	

Ferguson Marine (Port Glasgow) Proprietary Information

The information contained in this document is the property of Ferguson Marine (Port Glasgow), and further dissemination is prohibited without written permission of Ferguson Marine (Port Glasgow).

9. Schedule Overview (3)

[redacted]

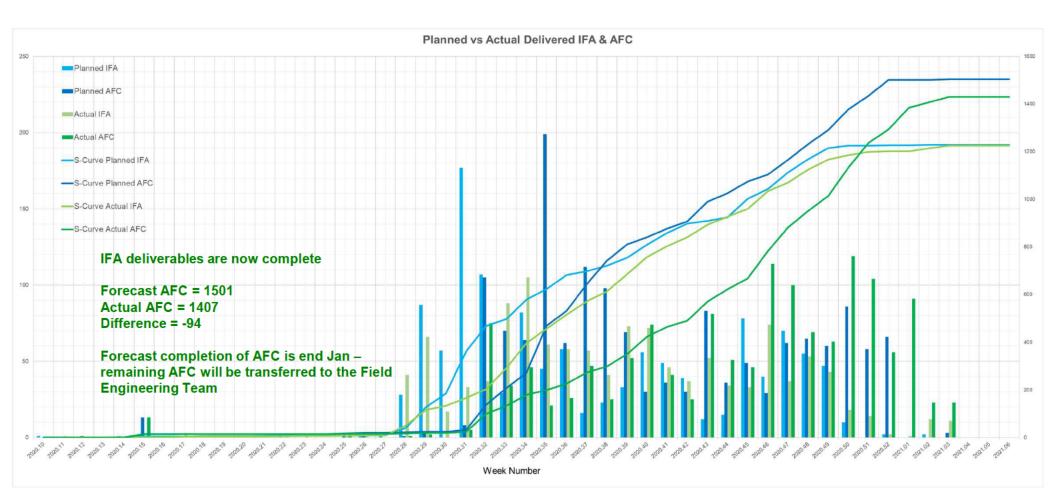
Programme

				3D Model			Pro	duction Outp	ts		8	01		
Zone		Start	302 Review	602 Review	902 Review	Freeze	Start	Finish	Slippage (Weeks)	Outfit Hotwork Baseline Start	Slippage (Weeks)	Outfit Pipework Baseline Start	Slippage (Weeks)	Comments
Zone 01	Planed	18-May-20		19-Jes-20	31-Jel-20	21-Aug-20		16-Oct-20		18-Jan-21		28-Jan-21		
	Actual/ Forecast	26-Jun-20		26-Jen-20	28-Aug-20	18-Sep-20		29-Jan-21	-15	14-Apr-21	-12	26-Apr-21	-13	
Zone 02	Planned	02-Mar-20		27-Mar-20	30-Apr-20	22-May-20		17-Jul-20		26-Oct-20		08-Dec-20		
	Actual/ Forecast	27-Mar-20		30-Mar-20	15-Jen-20	03-Jel-20		09-0ct-20	-12	25-Jan-21	-13	16-Nov-20	3	Varition order raised to cover slippage. FMPG could not hit maturity level 30% on orginal dates, additional time of 5 weeks agreed by FMPG. ICR's had a major impact on this WZ. Second 30% review also held.
Zone 03	Planned	09-Mar-20		10-Apr-20	22-May-20	12-Jua-20		07-Aug-20		23-Not-20		26-Nov-20		
	Acteal/ Forecast	10-Apr-20		13-Apr-20	25-May-20	10-Jai-20		27-Nov-20	-16	01-Mur-21	-14	15-Mar-21	-16	Regarding W203 - [redacted Review for Zone 03 - 0L3 was held on 18.05.2020. [redact conclusion with respect to maturity of design / 3-D Models that 3-D Model overall progress is around 80% (multidisciplinary) and not all the disciplines schieved the 30% target: *Structural - 85%; *Arch. Outfitting - 30%; +Hull Outfitting - 15%; *Electrical - 80%; #WAC - 30%; @W22: On 27.05.2020, FM accepted 3 weeks delay for W203.
Zone 04	Planned	30-Mar-20		24-Apr-20	05-Jun-20	26-Jun-20		14-Aug-20		23-Not-20		03-Dec-20		
	Actual/ Forecast	24-Apr-20		27-Apr-20	15-Jen-20	03-Jel-20		06-Nov-20	-12	15-Mar-21	-16	15-Mar-21	-15	
Zone 05	Planned	06-Apr-20	08-May-20	12-Jun-20	17-Jel-20	07-Aug-20		25-Sep-20		11-Jan-21		22-Jan-21		
	Actual/ Forecast	08-May-20	11-May-20	19-Jun-20	14-Aug-20	04-Sep-20		15-Jan-21	-16	04-May-21	-16	17-May-21	-16	WZ slippage due to FMPG requested break in programme to allow extra time to clear ICR's.
Zone 06	Planned	02-Mar-20	03-Apr-20	15-May-20	26-Jan-20	17-Jul-20		04-Sep-20		08-Feb-21		12-Feb-21		
	Actual/ Forecast	03-Apr-20	06-Apr-20	18-May-20	10-Jel-20	24-Jul-20		15-Jan-21	-19	06-Apr-21	-8	12-Apr-21	-8	WZ slippage due to FMPG requested break in programme to allow extra time to clear ICR's.
Zone 07	Planned	16-Mar-20	16-Apr-20	29-May-20	10-Jel-20	31-Jul-20		25-Sep-20		01-Mar-21		07-Apr-21		
	Actual/ Forecast	16-Apr-20	21-Apr-20	03-Jun-20	17-Jel-20	07-Aug-20		17-Dec-20	-12	22-Feb-21	1	20-Apr-21	-2	WZ slippage due to FMPG requested break in programme to allow extra time to clear ICR's.
Zone 08	Planned	 25-May-20	19-Jes-20	24-Jul-20	28-Aug-20	18-Sep-20		06-Nov-20		21-Apr-21		12-May-21		
	Actual/ Forecast	26-Jun-20	26-Jes-20	21-Asg-20	23-Oct-20	30-Oct-20		12-Feb-21	-14	07-Apr-21	2	27-Apr-21	2	WZ slippage due to FMPG requested break in programme to allow extra time to clear ICR's.
Zone 09	Planned	09-Jun-20	03-Jel-20	07-Aug-20	11-Sep-20	02-Oct-20		20-Nov-20		08-Mar-21		18-Mar-21		
	Actual/ Forecast	10-Jel-20	31-Jel-20	11-Sep-20	06-Nov-20	06-Nov-20		12-Feb-21	-12	06-Apr-21	-4	30-Apr-21	-6	W2 slippage due to FMPG requested break in programme to allow extra time to clear ICR's.
Zone 10	Planned	27-Apr-20	29-May-20	10-Jul-20	21-Aug-20	11-Sep-20		06-Not-20		22-Mar-21		16-Apr-21		
	Actual/ Forecast	05-Jun-20	09-Jes-20	17-Jel-20	09-0ct-20	30-Oct-20		12-Feb-21	-14	21-Apr-21	-4	30-Apr-21	-2	WZ slippage due to FMPG requested break in programme to allow extra time to clear ICR's.
Zone 11	Planned	21-Apr-20	22-May-20	03-Jel-20	14-Aug-20	04-Sep-20		30-Oct-20		25-Jan-21		22-Feb-21		
	Actual/ Forecast	22-May-20	25-May-20	10-Jul-20	18-Sep-20	03-Oct-20		12-Feb-21	-15	21-Apr-21	-12	20-May-21	-12	WZ slippage due to FMPG requested break in programme to allow extra time to clear ICR's.

Ferguson Marine (Port Glasgow) Proprietary Information

The information contained in this document is the property of Ferguson Marine (Port Glasgow), and further dissemination is prohibited without written permission of Ferguson Marine (Port Glasgow).

9a. FMPG Production Output Delivery Status



Ferguson Marine (Port Glasgow) Proprietary Information

The information contained in this document is the property of Ferguson Marine (Port Glasgow), and further dissemination is prohibited without written permission of Ferguson Marine (Port Glasgow).

9b. Milestone Slip Chart (Ship 801)



Ferguson Marine (Port Glasgow) Proprietary Information

The information contained in this document is the property of Ferguson Marine (Port Glasgow), and further dissemination is prohibited without written permission of Ferguson Marine (Port Glasgow).

9b. Milestone Slip Chart (Ship 802)



Ferguson Marine (Port Glasgow) Proprietary Information

The information contained in this document is the property of Ferguson Marine (Port Glasgow), and further dissemination is prohibited without written permission of Ferguson Marine (Port Glasgow). IN STRICT CONFIDENCE

9c. Ship 801 Critical path

	Activity Name	OD	RD Start	Finish	BL Project Start	BL Project Finish	Total Float	Dec	Otr 1, 2021 Otr 2, 2021 Otr 3, 2021 Otr 4, 2021 Otr 1, 2022 Otr 2, 2022 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jun Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jun Jun Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun				
801MANH00203	SZ 0203 Hull Outfitting Manufacturing	30d	10d 11-Jan-2	1 A 29-Jan-21	11-Jan-21	19-Feb-21	-15d		SZ 0203 Hull Outfitting Manufacturing				
801MANH01111	SZ 0202 Walkway Manufacturing	66d	61d 11-Jan-2	1 A 14-Apr-21	11-Jan-21	14-Apr-21	-22d		SZ 0202 Walkway Manufacturing				
801PfS0203Hw01	SZ 0203 - Fit Compartment Hotwork	30d	30d 18-Jan-2	1* 26-Feb-21	18-Jan-21	26-Feb-21	-15d						
801DPTPW0203	SZ 0203 Pipe Detail Planning (1559 off)	40d	40d 18-Jan-2	1* 12-Mar-21	11-Jan-21	05-Mar-21	-19d						
801MANH01121	SZ 0203 Walkway Manufacturing	66d	66d 18-Jan-2		11-Jan-21	14-Apr-21	-20d						
801Pf50202Hw4	SZ 0202 - Fit Compartment Walkways (Hotwork)	62d	62d 25-Jan-2		25-Jan-21	22-Apr-21	-22d		SZ 0202 - Fit Compartment Walkways (Hotwork)				
801Pf50203Hw4	SZ 0203 - Fit Compartment Walkways (Hotwork)	66d	66d 01-Feb-2		25-Jan-21	28-Apr-21	-20d						
801MANPP0203	SZ 0203 Pipe Manufacturing	39d	39d 15-Feb-2		08-Feb-21	01-Apr-21	-19d	18 8	SZ 0203 Pipe Manufacturing				
					and the second second				SZ 0203 - Fit Steel/Pipe/HVAC/Elect Penetrations				
801PfS0203Hw02	SZ 0203 - Fit Steel/Pipe/HVAC/Elect Penetrations	25d	25d 15-Feb-2		15-Feb-21	19-Mar-21	-15d		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2				
801InS0203Pi01	SZ 0203 - Install Pipework (1559 off) and Hangers	90d	90d 12-Mar-		05-Mar-21	13-Jul-21	-19d	dan series de	SZ 0203 - PFO Compartment Inspections				
801Pf50203Qc01	SZ 0203 - PFO Compartment Inspections	10d	10d 29-Mar-		22-Mar-21	06-Apr-21	-20d						
801PfS0203Sb01	SZ 0203 - Shotblast and Paint Compartments	20d	20d 14-Apr-2		07-Apr-21	05-May-21	-20d	1 1	SZ 0203 - Shotblast and Paint Compartments				
801PfS0202Sb01	SZ 0202 - Shotblast and Paint Compartments	20d	20d 23-Apr-2	and the second se	23-Apr-21	21-May-21	-22d	8 8	SZ 0202 - Shotblast and Paint Compartments				
801PfS0203In01	SZ 0203 - Insulate Compartments	15d	15d 13-May-	21 02-Jun-21	06-May-21	26-May-21	-20d		SZ 0203 - Insulate Compartments				
				a lassocas			-nd	1	SZ 0202 - Insulate Compartments				
Schedule impact of • Covid	 Walkways, Hotwork & Pipeve will be reforecast once there f the following: -19 Stop Work period -19 Resource restrictions 			ស ជិ ជិ ជិ ជិ <mark>ជ</mark> ិ ជិ		SZ 0202 - Fit Cable Tray : SZ 0203 - Reve Local and Lighting Cables SZ 0202 - Reve Local and Lighting Cables SZ 0203 - Install Site Run Pipes SZ 0203 - Install Site Run Pipes SZ 0202 - Terminate Cables SZ 0203 - Final Bolt Out Pipes SZ 0203 - Checkwire							
							:d	L	SZ 0202 - Checkwire				
801TeS0203Pi01	SZ 0203 - Pipe Testing	20d	20d 12-Aug-2		05-Aug-21	01-Sep-21	-19d		SZ 0208 - Pipe Testing				
801InS0203EI04	SZ 0203 - Band Cables / Pack Glands	10d	10d 27-Aug-2	1 09-Sep-21	20-Aug-21	02-Sep-21	-20d		SZ 0203 - Band Cables / Pack Glands				
801InS0202EI04	SZ 0202 - Band Cables / Pack Glands	10d	10d 31-Aug-2	1 13-Sep-21	31-Aug-21	13-Sep-21	-22d		SZ 0202 - Band Cables / Pack Glands				
B01InS0203Ms01	SZ 0203 - Outfit Complete	Od	bO	09-Sep-21		02-Sep-21	-20d		◆ SZ 0203 - Outfit Complete,				
oo in oo in oo in oo i			Od	13-Sep-21		13-Sep-21	-22d		◆ SZ 0202 - Outfit Complete,				
	SZ 0202 - Outfit Complete	Od	ou										
801InS0202Ms01	SZ 0202 - Outfit Complete Commission Auxiliary Systems	30d	30d 14-Sep-2	1 25-Oct-21	14-Sep-21	25-Oct-21	-22d	18 8	Commission Auxiliary Systems				
801InS0202Ms01 801CO1750			30d 14-Sep-2		14-Sep-21 25-Oct-21	25-Oct-21 30-Oct-21	-22d -32d		Commission Auxiliary Systems First Run Harbour and Emergency Generator				
801InS0202Ms01 801CO1750 801CO1520	Commission Auxiliary Systems	30d 5d		1 30-Oct-21			-32d						
801InS0202Ms01 801C01750 801C01520 801C01530	Commission Auxiliary Systems First Run Harbour and Emergency Generator First Run Aux Generator	30d	30d 14-Sep-2 5d 25-Oct-2	1 30-Oct-21 1 11-Nov-21	25-Oct-21	30-Oct-21			First Run Harbour and Emergency Generator				
801inS0202Ms01 801C01750 801C01520 801C01530 801C01540	Commission Auxilliary Systems First Run Harbour and Emergency Generator First Run Aux Generator Main Engline Commissioning	30d 5d 12d 14d	30d 14-Sep-2 5d 25-Oct-2 12d 30-Oct-2 14d 11-Nov-2	1 30-Oct-21 1 11-Nov-21 1 25-Nov-21	25-Oct-21 30-Oct-21 11-Nov-21	30-Oct-21 11-Nov-21 25-Nov-21	-32d -32d -32d		 First Run Harbour and Emergency Generator First Run Aux Generator 				
801in\$0202Ms01 801C01750 801C01520 801C01530 801C01530 801C01550	Commission Auxiliary Systems First Run Harbour and Emergency Generator First Run Aux Generator Main Engine Commissioning Gearbox Commissioning	30d 5d 12d 14d 14d	30d 14-Sep-2 5d 25-Oct-2 12d 30-Oct-2 14d 11-Nov- 14d 25-Nov-2	1 30-Oct-21 1 11-Nov-21 1 25-Nov-21 1 09-Dec-21	25-Oct-21 30-Oct-21 11-Nov-21 25-Nov-21	30-Oct-21 11-Nov-21 25-Nov-21 09-Dec-21	-32d -32d -32d -32d -32d		 First Run Harbour and Emergency Generator First Run Aux Generator Main Engine Commissioning 				
801inS0202Ms01 801C01750 801C01520 801C01530 801C01540 801C01550 801C01550	Commission Auxiliary Systems First Run Harbour and Emergency Generator First Run Aux Generator Main Engine Commissioning Gearbox Commissioning CPP Set Up	30d 5d 12d 14d 14d 7d	30d 14-Sep-2 5d 25-Oct-2 12d 30-Oct-2 14d 11-Nov-1 14d 25-Nov-2 7d 26-Nov-2	1 30-Oct-21 1 11-Nov-21 1 25-Nov-21 1 09-Dec-21 1 06-Dec-21	25-Oct-21 30-Oct-21 11-Nov-21 25-Nov-21 26-Nov-21	30-Oct-21 11-Nov-21 25-Nov-21 09-Dec-21 06-Dec-21	-32d -32d -32d -32d -32d -21d		 First Run Harbour and Emergency Generator First Run Aug Generator Main Engine Commissioning Gearbox Commissioning 				
8011nS0202Ms01 801C01750 801C01520 801C01530 801C01540 801C01550 801C01550 801C01550	Commission Auxilliary Systems First Run Harbour and Emergency Generator First Run Aux Generator Main Engine Commissioning Gearbox Commissioning CPP Set Up Propulsion Controls	50d 5d 12d 14d 14d 7d 10d	30d 14-Sep-2 5d 25-Oct-2 12d 30-Oct-2 14d 11-Nov-3 14d 25-Nov-3 7d 26-Nov-3 10d 26-Nov-3	1 30-Oct-21 1 11-Nov-21 1 25-Nov-21 1 09-Dec-21 1 06-Dec-21 1 09-Dec-21	25-Oct-21 30-Oct-21 11-Nov-21 25-Nov-21 26-Nov-21 26-Nov-21	30-Oct-21 11-Nov-21 25-Nov-21 09-Dec-21 06-Dec-21 09-Dec-21	-32d -32d -32d -32d -21d -21d -24d		First Run Harbour and Emergency Generator First Run Angine Commissioning Generatox Commissioning CPP Set Up Propulsion Controls				
801inS0202Ms01 801C01750 801C01520 801C01530 801C01540 801C01550 801C01550 801C01560 801C01570	Commission Auxiliary Systems First Run Harbour and Emergency Generator First Run Aux Generator Main Engine Commissioning Gearbox Commissioning CPP Set Up Propulsion Controls PTO / PTI	30d 5d 12d 14d 7d 10d 12d	30d 14-Sep-2 5d 25-Oct-2 12d 30-Oct-2 14d 11-Nov-1 14d 25-Nov-1 7d 26-Nov-1 10d 26-Nov-1 12d 09-Dec-2	1 30-Oct-21 1 11-Nov-21 1 25-Nov-21 1 09-Dec-21 1 06-Dec-21 1 09-Dec-21 1 21-Dec-21	25-Oct-21 30-Oct-21 11-Nov-21 25-Nov-21 26-Nov-21 26-Nov-21 09-Dec-21	30-Oct-21 11-Nov-21 25-Nov-21 09-Dec-21 06-Dec-21 09-Dec-21 21-Dec-21	-32d -32d -32d -32d -21d -24d -32d		First Run Harbour and Emergency Generator First Run Aug Generator Main Rug Geommissioning Gearbox Commissioning CPP publics Propulsion Controls Pro / PTI				
801inS0202Ms01 801C01750 801C01520 801C01530 801C01550 801C01550 801C01560 801C01570 801C01580 801C01580	Commission Auxiliary Systems First Run Harbour and Emergency Generator First Run Aux Generator Main Engine Commissioning Gearbox Commissioning CPP Set Up Propulsion Controls PTO / PTI Load Test	30d 5d 12d 14d 7d 10d 12d 12d 21d	30d 14-Sep-2 5d 25-Oct-2 12d 30-Oct-2 14d 11-Nov- 14d 25-Nov- 7d 26-Nov- 10d 26-Nov- 12d 09-Dec-2 21d 21-Dec-2	1 30-Oct-21 1 11-Nov-21 1 25-Nov-21 1 09-Dec-21 1 06-Dec-21 1 09-Dec-21 1 21-Dec-21 1 11-Jan-22	25-Oct-21 30-Oct-21 11-Nov-21 25-Nov-21 26-Nov-21 26-Nov-21 09-Dec-21 21-Dec-21	30-Oct-21 11-Nov-21 25-Nov-21 09-Dec-21 06-Dec-21 09-Dec-21 21-Dec-21 11-Jan-22	-32d -32d -32d -32d -21d -21d -24d -32d -32d		First Run Harbour and Emergency Generator First Run Aus Generator First Run Aus Generator Main Engine Commissioning Gearbox Commissioning CPP Set Up Provide Controls Provide Controls Provide Controls Description Contro				
801InS0202Ms01 801C01750 801C01520 801C01530 801C01540 801C01550 801C01550 801C01560 801C01570 801C01590 801C01590	Commission Auxilliary Systems First Run Harbour and Emergency Generator First Run Aux Generator Main Engine Commissioning Gearbox Commissioning CPP Set Up Propulsion Controls PTO / PTI Load Test PMS Set Up	30d 5d 12d 14d 14d 7d 10d 12d 21d	30d 14-Sep-2 5d 25-Oct-2 12d 30-Oct-2 14d 11-Nov- 14d 25-Nov- 7d 26-Nov-2 10d 26-Nov-2 12d 09-Dec-2 21d 21-Dec-2 21d 11-Jan-2	30-Oct-21 11-Nov-21 25-Nov-21 09-Dec-21 06-Dec-21 1 09-Dec-21 1 1 1 09-Dec-21 1 1 09-Dec-21 1	25-Oct-21 30-Oct-21 11-Nov-21 25-Nov-21 26-Nov-21 26-Nov-21 09-Dec-21 21-Dec-21 11-Jan-22	30-Oct-21 11-Nov-21 25-Nov-21 09-Dec-21 09-Dec-21 21-Dec-21 11-Jan-22 01-Feb-22	-32d -32d -32d -32d -21d -24d -32d -32d -32d -32d		First Run Harbour and Emergency Generator First Run Aus Generator First Run A				
801InS0202Ms01 801C01750 801C01520 801C01530 801C01540 801C01550 801C01560 801C01570 801C01580 801C01590 801C01600 801C01620	Commission Auxiliary Systems First Run Harbour and Emergency Generator First Run Aux Generator Main Engine Commissioning Gearbox Commissioning CPP Set Up Propulsion Controls PTO / PTI Load Test PMS Set Up Bow Thruster Commissioning	30d 5d 12d 14d 7d 10d 12d 21d 21d 6d	30d 14-Sep-2 5d 25-Oct-2 12d 30-Oct-2 14d 11-Nov- 14d 25-Nov- 7d 26-Nov- 10d 26-Nov- 12d 09-Dec-2 21d 21-Dec-2 21d 11-Jan-2 6d 01-Feb-2	1 30-Oct-21 1 11-Nov-21 1 25-Nov-21 1 09-Dec-21 1 06-Dec-21 1 09-Dec-21 1 21-Dec-21 1 11-Jan-22 2 01-Feb-22 2 07-Feb-22	25-Oct-21 30-Oct-21 11-Nov-21 25-Nov-21 26-Nov-21 09-Dec-21 21-Dec-21 11-Jan-22 01-Feb-22	30-Oct-21 11-Nov-21 25-Nov-21 09-Dec-21 06-Dec-21 21-Dec-21 11-Jan-22 01-Feb-22 07-Feb-22	32d 32d 32d 21d 24d 32d 32d 32d 32d 32d 32d		First Run Harbour and Emergency Generator First Run Aug Genomissioning Gearbox Commissioning Fropulsion Controls Fropulsion Controls Fropulsion Controls From Load Test From Load Test From Prose Up Bow Thruster Commissioning Bow Thruster Commissioning From State F				
801InS0202Ms01 801C01750 801C01520 801C01530 801C01540 801C01550 801C01550 801C01570 801C01580 801C01590 801C01600 801C01620 801C01630	Commission Auxiliary Systems First Run Harbour and Emergency Generator First Run Aux Generator Main Engine Commissioning Gearbox Commissioning CPP Set Up Propulsion Controls PTO / PTI Load Test PMS Set Up Bow Thruster Commissioning Dock Trial	30d 5d 12d 14d 7d 10d 12d 21d 21d 6d 3d	30d 14-Sep-2 5d 25-Oct-2 12d 30-Oct-2 14d 11-Nov- 14d 25-Nov- 7d 26-Nov- 10d 26-Nov- 12d 09-Dec- 21d 21-Dec- 21d 21-Dec- 21d 11-Jan-2 6d 01-Feb-2 3d 08-Feb-2	30-Oct-21 11-Nov-21 25-Nov-21 09-Dec-21 06-Dec-21 12-Dec-21 11-Jan-22 01-Feb-22 20-Feb-22 21-Feb-22	25-Oct-21 30-Oct-21 11-Nov-21 25-Nov-21 26-Nov-21 26-Nov-21 09-Dec-21 21-Dec-21 11-Jan-22 01-Feb-22 08-Feb-22	30-Oct-21 11-Nov-21 25-Nov-21 09-Dec-21 09-Dec-21 09-Dec-21 21-Dec-21 11-Jan-22 01-Feb-22 07-Feb-22 11-Feb-22	-32d -32d -32d -21d -21d -32d -32d -32d -32d -32d -32d -32d		First Run Harbour and Emergency Generator First Run Aus Generator First Run Aus Generator Main Engine Commissioning Gearbox Commissioning CPP Set Up Propulsion Controls Pro / Pri Load Test PMS Set Up PMS Set Up BMS Trial Dock Trial				
801inS0202Ms01 801C01750 801C01520 801C01530 801C01540 801C01550 801C01550 801C01570 801C01590 801C01590 801C01600 801C01630 801C01630	Commission Auxillary Systems First Run Harbour and Emergency Generator First Run Ku Generator Main Engine Commissioning Gearbox Commissioning CCP Set Up Propulsion Controls PTO / PTI Load Test PMS Set Up Bow Thruster Commissioning Dock Trial 1st Inclining	30d 5d 12d 14d 7d 10d 12d 21d 21d 6d 3d 2d	30d 14-Sep-1 5d 25-Oct-2 12d 30-Oct-2 14d 11-Nov- 14d 25-Nov-1 12d 26-Nov-1 12d 26-Nov-1 12d 26-Nov-1 12d 26-Nov-1 12d 26-Nov-1 12d 26-Nov-1 12d 90-Dec-2 12d 11-Jan-2 2d 01-Feb-2 2d 12-Feb-2 2d 12-Feb-2	30-Oct-21 1 11-Nov-21 1 25-Nov-21 1 09-Dec-21 1 09-Dec-21 1 09-Dec-21 1 21-Dec-21 1 21-Dec-21 1 11-Jan-22 2 01-Feb-22 2 07-Feb-22 2 11-Feb-22 2 14-Feb-22	25-Oct-21 30-Oct-21 11-Nov-21 25-Nov-21 26-Nov-21 26-Nov-21 21-Dec-21 21-Dec-21 11-Jan-22 08-Feb-22 08-Feb-22	30-Oct-21 11-Nov-21 25-Nov-21 09-Dec-21 09-Dec-21 21-Dec-21 11-Jan-22 01-Feb-22 11-Feb-22 14-Feb-22	-32d -32d -32d -21d -21d -24d -32d -32d -32d -32d -32d -32d -32d -32		First Run Harbour and Emergency Generator First Run Aus Generator First Run A				
801nS0202Ms01 801C01750 801C01520 801C01520 801C01540 801C01550 801C01550 801C01560 801C01580 801C01580 801C01600 801C01620 801C01630 801C01631 801C01640	Commission Auxiliary Systems First Run Harbour and Emergency Generator First Run Aux Generator Main Engine Commissioning Gearbox Commissioning CPP Set Up Propulsion Controls PTO / PTI Load Test PMS Set Up Bow Thruster Commissioning Dock Trial 1st Inclining Dry Dock 2	30d 5d 12d 14d 14d 10d 12d 21d 21d 6d 3d 22d 5d	30d 14-Sep-2 5d 25-Oct-2 12d 30-Oct-2 14d 11-Nov-1 14d 25-Nov-1 7d 26-Nov-1 7d 26-Nov-1 12d 09-Dec-2 21d 21-Dec-2 21d 11-Jan-2 6d 01-Feb-2 3d 08-Feb-2 3d 08-Feb-2 3d 12-Feb-2 5d 14-Feb-2	1 30-Oct-21 1 11-Nov-21 1 25-Nov-21 1 09-Dec-21 1 09-Dec-21 1 21-Dec-21 1 11-Jan-22 2 01-Feb-22 2 07-Feb-22 2 11-Feb-22 2 14-Feb-22 2 19-Feb-22	25-Oct-21 30-Oct-21 11-Nov-21 25-Nov-21 26-Nov-21 26-Nov-21 21-Occ-21 11-Jan-22 01-Feb-22 08-Feb-22 12-Feb-22 14-Feb-22	30-Oct-21 11-Nov-21 25-Nov-21 09-Dec-21 06-Dec-21 09-Dec-21 21-Dec-21 11-Jan-22 01-Feb-22 07-Feb-22 14-Feb-22 19-Feb-22	-32d -32d -32d -32d -21d -24d -32d -32d -32d -32d -32d -32d -32d -32		First Run Harbour and Emergency Generator First Run Ausgenerator First Run Ausgenerator First Run Ausgenerator First Run Ausgenerator Gearbox Commissioning Gearbox Commissioning First Run Ausgenerator Gearbox Commissioning First Run Ausgenerator Gearbox Commissioning First Run Ausgenerator First				
801InS0202Ms01 801C01750 801C01520 801C01530 801C01550 801C01550 801C01550 801C01580 801C01580 801C01580 801C01620 801C01630 801C016351 801C01640 801C01640	Commission Auxillary Systems First Run Harbour and Emergency Generator First Run Aux Generator Main Engine Commissioning Gearbox Commissioning CPP Set Up Propulsion Controls PTO / PTI Load Test PMS Set Up Bow Thruster Commissioning Dock Trial 1st Inclining Dry Dock 2 Dock Trial	30d 5d 12d 14d 7d 10d 21d 6d 3d 2d 5d	30d 14-Sep-2 5d 25-Oct-3 12d 30-Oct-3 14d 11-Nov- 14d 12-Nov-1 12d 25-Nov-1 12d 25-Nov-1 12d 25-Nov-1 12d 25-Nov-1 12d 25-Nov-1 12d 25-Nov-1 12d 21-Dec-1 21d 21-Dec-2 21d 21-Dec-2 21d 11-Jan-2 26d 08-Feb-2 21d 12-Feb-2 25d 14-Feb-2 121 12-Feb-2 121 12-Feb-2	1 30-Oct-21 11-Nov-21 1 25-Nov-21 1 09-Dec-21 1 09-Dec-21 1 09-Dec-21 1 11-Jan-22 2 01-Feb-22 2 11-Feb-22 2 14-Feb-22 2 14-Feb-22 2 2 14-Feb-22 2 2 14-Feb-22	25-Oct-21 30-Oct-21 11-Nov-21 25-Nov-21 26-Nov-21 26-Nov-21 21-Dec-21 21-Dec-21 21-Dec-21 01-Feb-22 08-Feb-22 08-Feb-22 14-Feb-22 21-Feb-22 21-Feb-22	30-Oct-21 11-Nov-21 25-Nov-21 09-Dec-21 09-Dec-21 09-Dec-21 21-Dec-21 11-Jan-22 01-Feb-22 11-Feb-22 11-Feb-22 21-Feb-22 21-Feb-22	-32d -32d -32d -21d -24d -32d -32d -32d -32d -32d -32d -32d -32		 First Run Harbour and Emergency Generator First Run Aus Generator Main Engine Commissioning Gearbox Commissioning CPP Set Up Pro / PTI Load Test PMS Set Up Bow Thruster Commissioning Dock Trial 1st inclining Dry Dock Z Look Trial 				
801InS0202Ms01 801C01750 801C01520 801C01530 801C01540 801C01550 801C01550 801C01570 801C01580 801C01580 801C01600 801C01620 801C01630 801C01640 801C01640 801C01800	Commission Auxillary Systems First Run Harbour and Emergency Generator First Run Kau Generator Main Engine Commissioning Gearbox Commissioning CPP Set Up Propulsion Controls PTO / PTI Load Test PMS Set Up Bow Thruster Commissioning Dock Trial 1st Inclining Dry Dock 2 Dock Trial MES Trial	30d 5d 12d 14d 7d 10d 21d 21d 6d 3d 2d 5d 12d	30d 14-Sep-2 5d 25-Oct-3 12d 30-Oct-3 14d 11-Nov-3 14d 12-Nov-3 14d 25-Nov-3 10d 26-Nov-3 12d 90-Decc-3 21d 21-Decc-3 21d 11-Jan-2 3d 08-Feb-3 3d 08-Feb-3 3d 14-Feb-3 3d 14-Feb-3 1d 21-Feb-4 1d 21-Feb-4	1 30-Oct-21 1 11-Nov-21 1 25-Nov-21 1 09-Dec-21 1 09-Dec-21 1 1 09-Dec-21 1 1-Jan-22 0 1-Feb-22 2 01-Feb-22 2 11-Feb-22 2 11-Feb-22 2 21-Feb-22 2 21-Feb-22 2 21-Feb-22	25-Oct-21 30-Oct-21 11-Nov-21 25-Nov-21 26-Nov-21 21-Dec-21 21-Dec-21 11-Jan-22 01-Feb-22 12-Feb-22 14-Feb-22 21-Feb-22 21-Feb-22	30-Oct-21 11-Nov-21 25-Nov-21 09-Dec-21 06-Dec-21 09-Dec-21 11-Jan-22 01-Feb-22 07-Feb-22 14-Feb-22 14-Feb-22 21-Feb-22 21-Feb-22	-92d -32d -32d -32d -21d -24d -82d -82d -82d -82d -82d -82d -82d -82		First Run Harbour and Emergency Generator First Run Ausgenerator First Run Ausgenerator First Run Ausgenerator First Run Ausgenerator For Commissioning Generator Commissioning CPP Set Up Propulsion Controls Pro / PTI Dock Trial I Mc Set Up Dock Z I Dock Z I Dock Trial I Mc Set I I Dock Z I Dock Trial I MC Set I I MC Set I I Dock Z I Dock Trial I MC Set I I MC Set I I Dock Z I Dock Trial I MC Set I I MC Set I I Dock Trial I MC Set I I MC Set I I Dock Trial I MC Set I I MC Set I I Dock Trial I MC Set I I Dock Trial I MC Set I I MC Set I I Dock Trial I MC Set I I MC Set I I Dock Trial I MC Set I I MC Set I I Dock Trial I Dock				
801InS0202Ms01 801C01750 801C01520 801C01530 801C01540 801C01550 801C01550 801C01570 801C01580 801C01580 801C01600 801C01620 801C01630 801C01640 801C01640 801C01800	Commission Auxillary Systems First Run Harbour and Emergency Generator First Run Aux Generator Main Engine Commissioning Gearbox Commissioning CPP Set Up Propulsion Controls PTO / PTI Load Test PMS Set Up Bow Thruster Commissioning Dock Trial 1st Inclining Dry Dock 2 Dock Trial	30d 5d 12d 14d 14d 12d 21d 6d 3d 21d 5d 1d	30d 14-Sep-2 5d 25-Oct-3 12d 30-Oct-3 14d 11-Nov- 14d 12-Nov-1 12d 25-Nov-1 12d 25-Nov-1 12d 25-Nov-1 12d 25-Nov-1 12d 25-Nov-1 12d 25-Nov-1 12d 21-Dec-1 21d 21-Dec-2 21d 21-Dec-2 21d 11-Jan-2 26d 08-Feb-2 21d 12-Feb-2 25d 14-Feb-2 121 12-Feb-2 121 12-Feb-2	1 30-Oct-21 1 11-Nov-21 1 25-Nov-21 1 09-Dec-21 1 09-Dec-21 1 1 09-Dec-21 1 1-Jan-22 0 1-Feb-22 2 01-Feb-22 2 11-Feb-22 2 11-Feb-22 2 21-Feb-22 2 21-Feb-22 2 21-Feb-22	25-Oct-21 30-Oct-21 11-Nov-21 25-Nov-21 26-Nov-21 26-Nov-21 21-Dec-21 21-Dec-21 21-Dec-21 01-Feb-22 08-Feb-22 08-Feb-22 14-Feb-22 21-Feb-22 21-Feb-22	30-Oct-21 11-Nov-21 25-Nov-21 09-Dec-21 09-Dec-21 09-Dec-21 21-Dec-21 11-Jan-22 01-Feb-22 11-Feb-22 11-Feb-22 21-Feb-22 21-Feb-22	-32d -32d -32d -21d -24d -32d -32d -32d -32d -32d -32d -32d -32		First Run Harbour and Emergency Generator First Run Harbour and Emergency Generator First Run Augne Generator Gearbox Commissioning Gearbox Commissioning Gearbox Commissioning Propulsion Controls Pro / PTI Test Bow Thruster Commissioning Dock Trial I st inclining Dry Dock 2 I Dock Trial Builder Sea Trials				
801InS0202Ms01 801C01750 801C01520 801C01530 801C01540 801C01550 801C01550 801C01560 801C01580 801C01580 801C01600 801C01630 801C01630 801C01640 801C01840 801C01830 801C01650	Commission Auxillary Systems First Run Harbour and Emergency Generator First Run Kau Generator Main Engine Commissioning Gearbox Commissioning CPP Set Up Propulsion Controls PTO / PTI Load Test PMS Set Up Bow Thruster Commissioning Dock Trial 1st Inclining Dry Dock 2 Dock Trial MES Trial	30d 5d 12d 14d 7d 10d 21d 21d 6d 3d 2d 5d 1d	30d 14-Sep-2 5d 25-Oct-3 12d 30-Oct-3 14d 11-Nov-3 14d 12-Nov-3 14d 25-Nov-3 10d 26-Nov-3 12d 90-Decc-3 21d 21-Decc-3 21d 11-Jan-2 3d 08-Feb-3 3d 08-Feb-3 3d 14-Feb-3 3d 14-Feb-3 1d 21-Feb-4 1d 21-Feb-4	1 30-Oct-21 11-Nov-21 25-Nov-21 1 09-Dec-21 1 09-Dec-21 1 09-Dec-21 1 1 09-Dec-21 1 1 21-Dec-21 1 11-Jan-22 0 01-Feb-22 2 07-Feb-22 2 14-Feb-22 2 14-Feb-22 2 14-Feb-22 2 2 14-Feb-22 2 2 14-Feb-22 2 2 14-Feb-22 2 2 14-Feb-22 2 2 14-Feb-22 2 2 14-Feb-22	25-Oct-21 30-Oct-21 11-Nov-21 25-Nov-21 26-Nov-21 21-Dec-21 21-Dec-21 11-Jan-22 01-Feb-22 12-Feb-22 14-Feb-22 21-Feb-22 21-Feb-22	30-Oct-21 11-Nov-21 25-Nov-21 09-Dec-21 06-Dec-21 09-Dec-21 11-Jan-22 01-Feb-22 07-Feb-22 14-Feb-22 14-Feb-22 21-Feb-22 21-Feb-22	-92d -32d -32d -32d -21d -24d -82d -82d -82d -82d -82d -82d -82d -82		First Run Harbour and Emergency Generator First Run Ausgenerator First Run Ausgenerator First Run Ausgenerator First Run Ausgenerator For Commissioning Generator Commissioning CPP Set Up Propulsion Controls Pro / PTI Dock Trial I Mc Set Up Dock Z I Dock Z I Dock Trial I Mc Set I I Dock Z I Dock Trial I MC Set I I MC Set I I Dock Z I Dock Trial I MC Set I I MC Set I I Dock Z I Dock Trial I MC Set I I MC Set I I Dock Trial I MC Set I I MC Set I I Dock Trial I MC Set I I MC Set I I Dock Trial I MC Set I I Dock Trial I MC Set I I MC Set I I Dock Trial I MC Set I I MC Set I I Dock Trial I MC Set I I MC Set I I Dock Trial I Dock				
801InS0202Ms01 801C01750 801C01520 801C01520 801C01550 801C01550 801C01550 801C01570 801C01580 801C01580 801C01600 801C01620 801C01630 801C01630 801C01831 801C01840 801C01850 801C01650	Commission Auxillary Systems First Run Harbour and Emergency Generator First Run Aux Generator Main Engine Commissioning Gearbox Commissioning CPP Set Up Propulsion Controls PTO / PTI Load Test PMS Set Up Bow Thruster Commissioning Dock Trial Dist Inclining Dry Dock 2 Dock Trial Builder Sea Trials	30d 5d 12d 14d 7d 10d 21d 21d 6d 3d 2d 5d 1d 4d	30d 14-Sep-2 5d 25-Oct-2 12d 30-Oct-2 14d 11-Nov-1 14d 25-Nov-1 7d 26-Nov-1 7d 26-Nov-1 21d 21-Dec-2 21d 21-Dec-2 21d 21-Seb-2 3d 08-Feb-2 3d 08-Feb-2 5d 14-Feb-2 12 21-Feb-2 5d 21-Feb-2 4d 21-Feb-2	1 30-Oct-21 11-Nov-21 25-Nov-21 1 09-Dec-21 1 09-Dec-21 1 09-Dec-21 1 1 21-Oec-21 1 1-Jan-22 2 07-Feb-22 2 11-Feb-22 2 11-Feb-22 2 11-Feb-22 2 21-Feb-22 2 21-Feb-22 2 25-Feb-22 2 06-Mar-22	25-Oct-21 30-Oct-21 11-Nov-21 25-Nov-21 26-Nov-21 26-Nov-21 09-Dec-21 11-Jan-22 01-Feb-22 01-Feb-22 14-Feb-22 14-Feb-22 21-Feb-22 21-Feb-22 21-Feb-22	30-Oct-21 11-Nov-21 25-Nov-21 09-Dec-21 09-Dec-21 21-Dec-21 21-Dec-21 21-Dec-21 01-Feb-22 01-Feb-22 01-Feb-22 14-Feb-22 21-Feb-22 21-Feb-22 25-Feb-22	-32d -32d -32d -32d -24d -32d -32d -32d -32d -32d -32d -32d -32		First Run Harbour and Emergency Generator First Run Harbour and Emergency Generator First Run Augne Generator Gearbox Commissioning Gearbox Commissioning Gearbox Commissioning Propulsion Controls Pro / PTI Test Bow Thruster Commissioning Dock Trial I st inclining Dry Dock 2 I Dock Trial Builder Sea Trials				
801InS0202Ms01 801C01750 801C01520 801C01530 801C01550 801C01550 801C01550 801C01580 801C01580 801C01580 801C01630 801C01630 801C01630 801C01640 801C01830 801C01650 801C01650 801C01670	Commission Auxillary Systems First Run Harbour and Emergency Generator First Run Aux Generator Main Engine Commissioning Gearbox Commissioning CPP Set Up Propulsion Controls PTO / PTI Load Test PMS Set Up Bow Thruster Commissioning Dock Trial 1st Inclining Dry Dock 2 Dock Trial Builder Sea Trials Owners Sea Trials	30d 5d 12d 14d 14d 12d 10d 12d 21d 6d 3d 2d 1d 6d 3d 2d 5d 1d 4d 9d	30d 14-Sep-2 5d 25-Oct-3 12d 30-Oct-2 14d 11-Nov- 14d 12-Nov-1 12d 95-Nov-1 12d 09-Dec-1 12d 09-Dec-2 12d 12-Dec-2 12d 12-Dec-2 2d 12-Feb-2 3d 08-Feb-2 3d 12-Feb-2 1d 21-Feb-2 1d 21-Feb-2 1d 21-Feb-2 9d 25-Feb-2	1 30-Oct-21 1 11-Mov-21 1 25-Nov-21 1 09-Dec-21 1 09-Dec-21 1 09-Dec-21 1 11-Jan-22 2 01-Feb-22 2 01-Feb-22 2 11-Feb-22 2 11-Feb-22 2 2 1-Feb-22 2 2 1-Feb-22 2 2 2-Feb-22 2 2 5-Feb-22 2 06-Mar-22 2 2 1-Mar-22	25-Oct-21 30-Oct-21 11-Nov-21 25-Nov-21 26-Nov-21 26-Nov-21 21-0ec-21 11-Ja-22 08-Feb-22 08-Feb-22 21-Feb-22 21-Feb-22 21-Feb-22 21-Feb-22 25-Feb-22	30-Oct-21 11-Nov-21 25-Nov-21 09-Dec-21 09-Dec-21 21-Dec-21 21-Dec-21 21-Dec-21 21-Dec-21 01-Feb-22 01-Feb-22 21-Feb-22 21-Feb-22 21-Feb-22 25-Feb-22 06-Mar-22 06-Mar-22	-32d -32d -32d -82d -24d -32d -32d -32d -32d -32d -32d -32d -32		First Run Harbour and Emergency Generator First Run Ausgenerator First Run Ausgenerator Main Engine Commissioning Gearbox Commissioning Gearbox Commissioning Propulsion Controls Pro / PTI Load Test PMS Set Up Bow Thruster Commissioning Dock Trial I stating Dry Dock 2 I Dock Trial I Stating Main Runder Sea Trials Ovners Sea Trials Ovners Sea Trials				
801inS0202Ms01 801C01750 801C01520 801C01520 801C01540 801C01550 801C01550 801C01570 801C01580 801C01630 801C01630 801C01630 801C01640 801C01640 801C01800 801C01650 801C01650 801C01660 801C01670 801C01690	Commission Auxillary Systems First Run Harbour and Emergency Generator First Run Kau Generator Main Engine Commissioning Gearbox Commissioning CPP Set Up Propulsion Controls PTO / PTI Load Test PMS Set Up Bow Thruster Commissioning Dock Trial Dock Trial Builder Sea Trials Defect Clearance LNG Bunkering	30d 5d 12d 14d 7d 10d 21d 6d 21d 6d 3d 2d 5d 11d 6d 3d 2d 5d 11d 6d 15d	30d 14-Sep-2 5d 25-Oct-3 12d 30-Oct-1 14d 11-Nov-1 14d 25-Nov-1 17d 26-Nov-1 12d 90-Decc-1 12d 09-Decc-1 21d 21-Decc-1 21d 21-Peb-2 3d 08-Feb-2 3d 14-Feb-2 3d 12-Feb-2 3d 21-Feb-2 3d 22-Feb-2 3d 23-Feb-1 3d 23-Feb-2 3d 23-Feb-2 3d 23-Feb-2 3d 23-Feb-2 3d 23-Feb-2 3d 23-Feb-2 3d 23-Feb-2	1 30-Oct-21 1 11-Nov-21 1 25-Nov-21 1 09-Dec-21 1 06-Dec-21 1 06-Dec-21 1 06-Dec-21 1 11-Dec-21 1 21-Dec-21 1 11-In-Pa-22 2 01-Feb-22 2 14-Feb-22 2 14-Feb-22 2 14-Feb-22 2 21-Feb-22 2 21-Feb-22 2 25-Feb-22 2 25-Feb-22 2 21-Feb-22 2 21-Feb-22 2 25-Feb-22 2 21-Feb-22 2	25-Oct-21 30-Oct-21 11-Nov-21 25-Nov-21 26-Nov-21 09-Dec-21 21-Dec-21 11-Jan-22 01-Feb-22 01-Feb-22 14-Feb-22 21-Feb-22 21-Feb-22 21-Feb-22 21-Feb-22 25-Feb-22 25-Feb-22 18-Mar-22	30-Oct-21 11-Nov-21 25-Nov-21 09-Dec-21 09-Dec-21 21-Dec-21 21-Dec-21 21-Dec-21 11-Jan-22 01-Feb-22 01-Feb-22 11-Feb-22 21-Feb-22 21-Feb-22 21-Feb-22 25-Feb-22 25-Feb-22 06-Mar-22 02-Apr-22	-32d -32d -32d -32d -24d -32d -32d -32d -32d -32d -32d -32d -32		First Run Harbour and Emergency Generator First Run Ausgenerator First Run Aus				
801inS0202Ms01 801C01750 801C01520 801C01540 801C01550 801C01550 801C01550 801C01570 801C01580 801C01580 801C01620 801C01630 801C01640 801C01830 801C01650 801C01660 801C01670 801C01680	Commission Auxiliary Systems First Run Harbour and Emergency Generator First Run Marbour and Emergency Generator Main Engine Commissioning Gearbox Commissioning CPP Set Up Propulsion Controls PTO / PTI Load Test PMS Set Up Bow Thruser Commissioning Dock Trial 1st Inclining Dry Dock 2 Dock Trial Builder Sea Trials Owners Sea Trials Defect Clearance LNG Bunkering LNG Tank Commissioning	S0d Sd 12d 14d 14d 14d 12d 21d 21d 6d 3d 2d 5d 1d 1d 1d 5d 5d 1d 1d 1d 1d 5d 1d 5d 15d 15d 15d 12d 12d	30d 14-Sep-3 5d 25-Oct-3 12d 30-Oct-3 14d 11-Nov- 14d 12-Nov-1 12d 30-Oct-3 12d 25-Nov-1 12d 09-Dec-2 12d 09-Dec-2 12d 11-Jan-2 6d 01-Feb-3 5d 18-Feb-2 12 21-Feb-3 12 21-Feb-3 9d 25-Feb-2 9d 25-Feb-2 15d 18-Mar-1 15d 18-Mar-1	1 30-Oct-21 11-Nov-21 25-Nov-21 1 09-Dec-21 1 09-Dec-21 1 09-Dec-21 1 1 09-Dec-21 1 1 21-Dec-21 1 1-1an-22 0 01-Feb-22 2 01-Feb-22 2 11-Feb-22 2 11-Feb-22 2 11-Feb-22 2 2 11-	25-Oct-21 30-Oct-21 11-Nov-21 25-Nov-21 26-Nov-21 20-Dc-21 21-Dc-21 21-Dc-21 21-Dc-22 08-Feb-22 08-Feb-22 21-Feb-22 21-Feb-22 21-Feb-22 21-Feb-22 25-Feb-22 06-Mar-22	30-Oct-21 11-Nov-21 25-Nov-21 09-Dec-21 09-Dec-21 09-Dec-21 21-Dec-21 21-Dec-21 11-Jan-22 01-Feb-22 01-Feb-22 14-Feb-22 21-Feb-22 21-Feb-22 22-Feb-22 06-Mar-22 21-Mar-22 02-Apr-22	-32d -32d -32d -32d -24d -32d -32d -32d -32d -32d -32d -32d -32		First Run Harbour and Emergency Generator First Run Ausgenerator First Run Aus				
801inS0202Ms01 801C01750 801C01520 801C01530 801C01550 801C01550 801C01550 801C01580 801C01580 801C01680 801C01630 801C01630 801C01680 801C01650 801C01650 801C01660 801C01670 801C01680 801C01680	Commission Auxillary Systems First Run Harbour and Emergency Generator First Run Marbour and Emergency Generator Main Engine Commissioning Gearbox Commissioning CPP Set Up Propulsion Controls PTO / PTI Load Test PMS Set Up Bow Thruster Commissioning Dock Trial 1st Inclining Dry Dock 2 Dock Trial Builder Sea Trials Owners Sea Trials Defect Clearance LNG Tank Commissioning BO1 - LNG Bunkering Complete	30d 5d 12d 14d 14d 12d 10d 21d 6d 3d 2d 1d 4d 9d 15d 15d 12d 0d	30d 14-Sep-2 5d 25-Oct-3 12d 30-Oct-3 14d 11-Nov- 14d 12-Nov- 12d 30-Oct-3 12d 25-Nov- 10d 26-Nov- 12d 25-Nov- 12d 25-Nov- 12d 21-Dec- 21d 11-Jan-2 3d 08-Feb-3 3d 08-Feb-3 3d 14-Feb-2 1d 21-Feb-3 15d 06-Mar-1 15d 06-Mar-1 15d 18-Mar-1 12d 21-Mar-1 0d 21-Mar-1	1 30-Oct-21 1 11-Nov-21 1 25-Nov-21 1 09-Dec-21 1 09-Dec-21 1 09-Dec-21 1 11-Jan-22 2 07-Feb-22 2 11-Feb-22 2 11-Feb-22 2 11-Feb-22 2 11-Feb-22 2 2 1-Feb-22 2 2 2 1-Feb-22 2 2 1-Feb-22	25-Oct-21 30-Oct-21 11-Nov-21 25-Nov-21 26-Nov-21 20-Dcc-21 21-Dcc-21 21-Dcc-21 21-Dcc-21 21-Feb-22 21-Feb-22 21-Feb-22 21-Feb-22 21-Feb-22 21-Feb-22 21-Feb-22 21-Feb-22 25-Feb-22 25-Feb-22 25-Feb-22 25-Feb-22 21-Feb	30-Oct-21 11-Nov-21 25-Nov-21 09-Dec-21 09-Dec-21 10-Dec-21 11-Jan-22 01-Feb-22 11-Feb-22 14-Feb-22 14-Feb-22 21-Feb-22 21-Feb-22 21-Feb-22 21-Feb-22 21-Feb-22 21-Feb-22 22-Feb-22 20-Apr-22 02-Apr-22 04-Apr-22	-32d -32d -32d -32d -24d -32d -32d -32d -32d -32d -32d -32d -32		First Run Harbour and Emergency Generator First Run Ausgenerator First Run Aus				
801InS0202Ms01 801C01750 801C01520 801C01520 801C01540 801C01550 801C01550 801C01570 801C01580 801C01630 801C01630 801C01640 801C01640 801C01650 801C01650 801C01650 801C01660 801C01670 801C01680 801C01680 801C01680 801C01680	Commission Auxillary Systems First Run Harbour and Emergency Generator First Run Kau Generator Main Engine Commissioning Gearbox Commissioning CPP Set Up Propulsion Controls PTO / PTI Load Test PMS Set Up Bow Thruster Commissioning Dock Trial 1st Inclining Dry Dock 2 Dock Trial Builder Sea Trials Owners Sea Trials Owners Sea Trials Defect Clearance LNG Bunkering NG Tank Commissioning S01 - LNS Bunkering Complete LNG Dock Trial	30d 5d 12d 14d 7d 10d 21d 21d 6d 3d 2d 5d 1d 1d 9d 15d 12d 0d	30d 14-Sep-2 5d 25-Oct-3 12d 30-Oct-3 14d 11-Nov-3 14d 12-Nov-3 14d 12-Nov-3 12d 25-Nov-3 12d 25-Nov-3 12d 25-Nov-3 12d 20-Dec-3 21d 21-Dec-3 21d 11-Jan-2 20 12-Feb-2 21 12-Feb-2 21 12-Feb-2 21 25-Feb-2 24 25-Feb-2 25 18-Mar-15d 15d 06-Mar-15d 15d 18-Mar-12d 21-5d 04-Apr-2	1 30-Oct-21 1 11-Nov-21 1 25-Nov-21 1 09-Dec-21 1 09-Dec-21 1 09-Dec-21 1 10-Dec-21 1 11-In-22 01-Feb-22 01-Feb-22 2 11-Feb-22 2 11-Feb-22 2 11-Feb-22 2 11-Feb-22 2 11-Feb-22 2 21-Feb-22 2	25-Oct-21 30-Oct-21 11-Nov-21 25-Nov-21 26-Nov-21 26-Nov-21 21-Dec-21 11-Jan-22 01-Feb-22 01-Feb-22 14-Feb-22 21-Feb	30-Oct-21 11-Nov-21 25-Nov-21 09-Dec-21 09-Dec-21 21-Dec-21 21-Dec-21 11-Jan-22 01-Feb-22 01-Feb-22 11-Feb-22 21-Feb-22 21-Feb-22 25-Feb-22 25-Feb-22 06-Mar-22 02-Apr-22 04-Apr-22 19-Apr-22	-32d -32d -32d -32d -24d -32d -32d -32d -32d -32d -32d -32d -32		First Run Harbour and Emergency Generator First Run Aus Generator First Run Aus Generator First Run Aus Generator First Run Aus Generator Gearbox Commissioning Gearbox Commissioning Gearbox Commission Controls Propulsion Controls Pro / PTI Bow Thruster Commissioning Dock Trial Insteining Dory Dock 2 Dock Trial Inder Sea Trials Owners Sea Trials UNG Bunkering LNG Bunkering LNG Bunkering UNG Bunkering U				
801inS0202Ms01 801C01750 801C01520 801C01540 801C01550 801C01550 801C01550 801C01570 801C01580 801C01580 801C01600 801C01620 801C01640 801C01650 801C01650 801C01660 801C01660 801C01680 801C01680 801C01680 801C01680 801C01680 801C01700	Commission Auxiliary Systems First Run Harbour and Emergency Generator First Run Aux Generator Main Engine Commissioning Gearbox Commissioning CPP Set Up Propulsion Controls PTO / PTI Load Test PMS Set Up Bow Thruser Commissioning Dock Trial 1st Inclining Dry Dock Z Dock Trial Builder Sea Trials Owners Sea Trials Defect Clearance UNG Bunkering LNG Bunkering LNG Bunkering Complete LNG Dock Trial LNG Sea Trial	S0d 5d 12d 14d 14d 12d 12d 21d 6d 3d 2d 1d 6d 3d 2d 1d 6d 3d 2d 9d 15d 15d 12d 0d 15d 12d 9d	30d 14-Sep-3 5d 25-Oct-3 12d 30-Oct-3 14d 11-Nov- 14d 12-Nov-3 12d 30-Oct-3 12d 25-Nov-3 12d 09-Dec-3 12d 09-Dec-3 12d 12-Reb-3 3d 08-Feb-2 2d 12-Feb-3 3d 21-Feb-3 3d 21-Feb-3 9d 25-Feb-2 9d 25-Feb-3 9d 21-Feb-3 9d 20-Feb-3 9d 20-Feb-3 9d 20-Feb-3	1 30-Oct-21 1 11-Nov-21 1 25-Nov-21 1 09-Dec-21 1 09-Dec-21 1 09-Dec-21 1 09-Dec-21 1 09-Dec-21 1 10-Dec-21 1 11-Dec-21 1 11-In-Pa-22 2 01-Feb-22 2 14-Feb-22 2 04-Apr-22 2 02-Apr-22 04-Apr-22 19-Apr-22 2 19-Apr-22 2	25-Oct-21 30-Oct-21 11-Nov-21 25-Nov-21 26-Nov-21 20-Dcc-21 21-Dcc-21 21-Dcc-21 21-Dcc-21 21-Feb-22 21-Feb-22 21-Feb-22 21-Feb-22 21-Feb-22 21-Feb-22 21-Feb-22 21-Feb-22 25-Feb-22 25-Feb-22 25-Feb-22 25-Feb-22 21-Feb	30-Oct-21 11-Nov-21 25-Nov-21 09-Dec-21 09-Dec-21 21-Dec-21 21-Dec-21 21-Dec-21 21-Feb-22 01-Feb-22 11-Feb-22 21-Feb-22 21-Feb-22 21-Feb-22 25-Feb-22 06-Mar-22 02-Apr-22 02-Apr-22 04-Apr-22 29-Apr-22	-32d -32d -32d -32d -24d -32d -32d -32d -32d -32d -32d -32d -32		First Run Harbour and Emergency Generator First Run Aus Generator First Run Aus Generator First Run Aus Generator First Run Aus Generator Gearbox Commissioning Gearbox Commission Controls Pro / PTI Bow Thruster Commissioning Dock Trial I st Inclining Dock Trial I st Trial Builder Sea Trials Owners Sea Trials Owners Sea Trials Defect Clearance UNG Bunkering UNG Triak UNG Tank Commi A 801 - UNG Bunkering UNG Tank Commi A 801 - UNG Bunkering UNG Sea Trial UNG Sea Trial UNG Sea Triak Sea Triak<				
801inS0202Ms01 801C01750 801C01520 801C01540 801C01550 801C01550 801C01570 801C01570 801C01590 801C01600 801C01620 801C01630 801C01640 801C01650 801C01660 801C01660 801C01660 801C01680 801C01680 801C01680 801C01680 801C01680 801C01700	Commission Auxillary Systems First Run Harbour and Emergency Generator First Run Kau Generator Main Engine Commissioning Gearbox Commissioning CPP Set Up Propulsion Controls PTO / PTI Load Test PMS Set Up Bow Thruster Commissioning Dock Trial 1st Inclining Dry Dock 2 Dock Trial Builder Sea Trials Owners Sea Trials Owners Sea Trials Defect Clearance LNG Bunkering NG Tank Commissioning S01 - LNS Bunkering Complete LNG Dock Trial	30d 5d 12d 14d 7d 10d 21d 21d 6d 3d 2d 5d 1d 1d 9d 15d 12d 0d	30d 14-Sep-2 5d 25-Oct-3 12d 30-Oct-3 14d 11-Nov-3 14d 12-Nov-3 14d 12-Nov-3 12d 25-Nov-3 12d 25-Nov-3 12d 25-Nov-3 12d 20-Dec-3 21d 21-Dec-3 21d 11-Jan-2 20 12-Feb-2 21 12-Feb-2 21 12-Feb-2 21 25-Feb-2 24 25-Feb-2 25 18-Mar-15d 15d 06-Mar-15d 15d 18-Mar-12d 21-5d 04-Apr-2	1 30-Oct-21 1 11-Nov-21 1 25-Nov-21 1 09-Dec-21 1 09-Dec-21 1 09-Dec-21 1 10-Dec-21 1 11-In-22 01-Feb-22 01-Feb-22 2 11-Feb-22 2 11-Feb-22 2 11-Feb-22 2 11-Feb-22 2 11-Feb-22 2 21-Feb-22 2	25-Oct-21 30-Oct-21 11-Nov-21 25-Nov-21 26-Nov-21 26-Nov-21 21-Dec-21 11-Jan-22 01-Feb-22 01-Feb-22 14-Feb-22 21-Feb	30-Oct-21 11-Nov-21 25-Nov-21 09-Dec-21 09-Dec-21 21-Dec-21 21-Dec-21 11-Jan-22 01-Feb-22 01-Feb-22 11-Feb-22 21-Feb-22 21-Feb-22 25-Feb-22 25-Feb-22 06-Mar-22 02-Apr-22 04-Apr-22 19-Apr-22	-32d -32d -32d -32d -24d -32d -32d -32d -32d -32d -32d -32d -32		First Run Harbour and Emergency Generator First Run Aus Generator Generator Commissioning Generator Commission Controls Propulsion Controls Pro/ PTI Pro / PTI Bow Thruster Commissioning Dock Trial I st Inclining Dry Dock 2 J Dock Trial I st Inclining Dry Dock 2 J Dock Trial I Set UP Builder Sea Trials Wind Sea Trials W				
8011nS0202Ms01 801c01750 801c01520 801c01530 801c01550 801c01550 801c01550 801c01550 801c01590 801c01600 801c01620 801c01630 801c01640 801c01650 801c01650 801c01650 801c01650 801c01690 801c01690 801c01690 801cM1069 801c01700 801cM7510	Commission Auxiliary Systems First Run Harbour and Emergency Generator First Run Aux Generator Main Engine Commissioning Gearbox Commissioning CPP Set Up Propulsion Controls PTO / PTI Load Test PMS Set Up Bow Thruser Commissioning Dock Trial 1st Inclining Dry Dock Z Dock Trial Builder Sea Trials Owners Sea Trials Defect Clearance UNG Bunkering LNG Bunkering LNG Bunkering Complete LNG Dock Trial LNG Sea Trial	S0d 5d 12d 14d 14d 12d 12d 21d 6d 3d 2d 1d 6d 3d 2d 1d 6d 3d 2d 9d 15d 15d 12d 0d 15d 12d 9d	30d 14-Sep-3 5d 25-Oct-3 12d 30-Oct-3 14d 11-Nov- 14d 12-Nov-3 12d 30-Oct-3 12d 25-Nov-3 12d 09-Dec-3 12d 09-Dec-3 12d 12-Reb-3 3d 08-Feb-2 2d 12-Feb-3 3d 21-Feb-3 3d 21-Feb-3 9d 25-Feb-2 9d 25-Feb-3 9d 21-Feb-3 9d 20-Feb-3 9d 20-Feb-3 9d 20-Feb-3	1 30-Oct-21 1 11-Nov-21 1 25-Nov-21 1 09-Dec-21 1 09-Dec-21 1 09-Dec-21 1 09-Dec-21 1 09-Dec-21 1 10-Dec-21 1 11-Dec-21 1 11-In-Pa-22 2 01-Feb-22 2 14-Feb-22 2 04-Apr-22 2 02-Apr-22 04-Apr-22 19-Apr-22 2 19-Apr-22 2	25-Oct-21 30-Oct-21 11-Nov-21 25-Nov-21 26-Nov-21 26-Nov-21 21-Dec-21 11-Jan-22 01-Feb-22 01-Feb-22 14-Feb-22 21-Feb	30-Oct-21 11-Nov-21 25-Nov-21 09-Dec-21 09-Dec-21 21-Dec-21 21-Dec-21 21-Dec-21 21-Feb-22 01-Feb-22 11-Feb-22 21-Feb-22 21-Feb-22 21-Feb-22 25-Feb-22 06-Mar-22 02-Apr-22 02-Apr-22 04-Apr-22 29-Apr-22	-32d -32d -32d -32d -24d -32d -32d -32d -32d -32d -32d -32d -32		First Run Harbour and Emergency Generator First Run Aus Generator First Run Aus Generator First Run Aus Generator First Run Aus Generator Gearbox Commissioning Gearbox Commission Controls Pro / PTI Bow Thruster Commissioning Dock Trial I st Inclining Dock Trial I st Trial Builder Sea Trials Owners Sea Trials Owners Sea Trials Defect Clearance UNG Bunkering UNG Triak UNG Tank Commi A 801 - UNG Bunkering UNG Tank Commi A 801 - UNG Bunkering UNG Sea Trial UNG Sea Trial UNG Sea Triak Sea Triak<				

Ferguson Marine (Port Glasgow) Proprietary Information

The information contained in this document is the property of Ferguson Marine (Port Glasgow), and further dissemination is prohibited without written permission of Ferguson Marine (Port Glasgow).

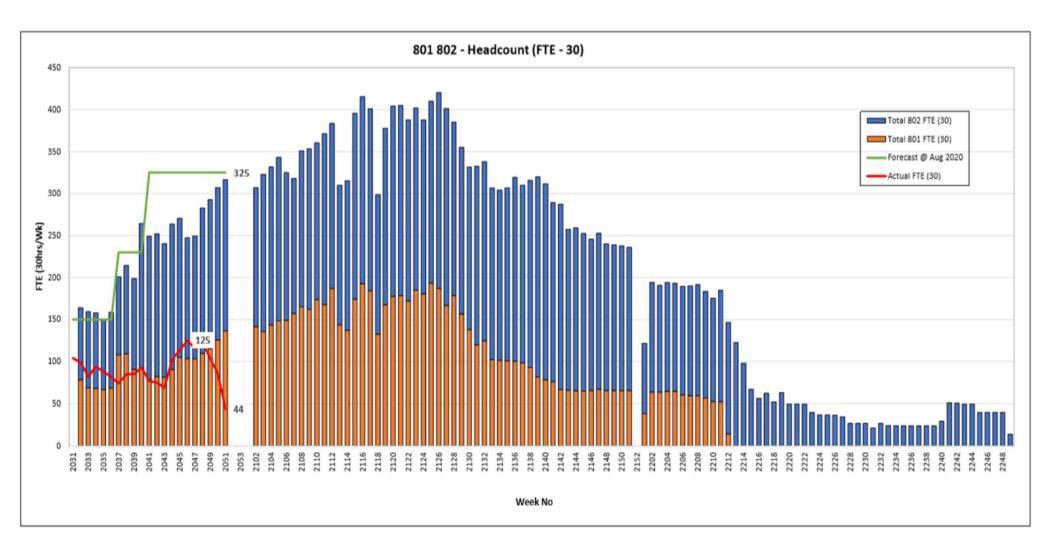
9c. Ship 802 Critical path

Activity ID	Activity Name	D	RD Start	Finish	BL Project Start	BL Project Finish	Total Float	121 Qtr 4, 2021 Qtr 1, 2022 Qtr 2, 2022 Qtr 3, 2022 Qtr 4, 2022 Qtr 1, 2023 Qtr 2, 2023 Qtr Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Jul Aug Sep Oct Nov Dec Jan Feb Mar Jun Jul Jul Sep Oct Nov Dec Jan Feb May Jun Jul Jul Sep Oct Nov Dec Jan Feb May Jun Jul			
802MAUA116Hw01	Unit A11/6 Prep Full Unit	15d	15d 18-Nov-21*	08-Dec-21	18-Nov-21	08-Dec-21	-63d	Unit A11/6 Prep Full Unit			
802FaUA116Hw01	Unit A11/6 Fab Fab-T Frames, Minor Sub-Assys and Pillars	10d	10d 16-Dec-21	07-Jan-22	16-Dec-21	07-Jan-22	-63d	Unit A11/6 Fab Fab-T Frames, Minor Sub-Assys and Pillars Unit A11/6 Fab 6 Deck Plating			
802FaUA116Hw03	Unit A11/6 Fab 6 Deck Plating	15d	15d 10-Jan-22	28-Jan-22	10-Jan-22	28-Jan-22	-63d				
802ASUA116Hw01	Unit A11/6 Unit Assembly + Dry Survey	15d	15d 31-Jan-22	18-Feb-22	31-Jan-22	18-Feb-22	-63d	Unit A11/6 Unit Assembly + Dry Survey			
802ASB0011Hw02	Erect Fair and Weld Unit 11/6 to Block	20d	20d 21-Feb-22	18-Mar-22	21-Feb-22	18-Mar-22	-63d	Erect Fair and Weld Unit 11/6 to Block			
802ASB0010Hw03	Erect Fair and Weld Unit 10/7 to Block	20d	20d 04-Apr-22	04-May-22	04-Apr-22	04-May-22	-63d	Erect Fair and Weld Unit 10/7 to Block			
802ERB0010Hw01	Wheelhouse Block Erect, Fair and Weld	25d	25d 05-May-22	08-Jun-22	05-May-22	08-Jun-22	-63d	Wheelhouse Block Erect, Fair and Weld			
802ERUA097Hw09	Unit A9/7 Erect, Fair and Weld	20d	20d 19-May-22	15-Jun-22	19-May-22	15-Jun-22	-63d	Unit A9/7 Erect, Fair and Weld			
802ERUA087Hw01	Unit A8/7 Erect, Fair and Weld	20d	20d 16-Jun-22	13-Jul-22	16-Jun-22	13-Jul-22	-63d	Unit A8/7 Erect, Fair and Weld			
802ERUA77Hw01	Unit A7/7 Erect, Fair and Weld	20d	20d 30-Jun-22	27-Jul-22	30-Jun-22	27-Jul-22	-63d	Unit A7/7 Erect, Fair and Weld			
802KM003	802 Superstructure Complete	Od	Od	27-Jul-22		27-Jul-22	-63d	♦ 802 Superstructure Complete,			
802A6470	Commission Auxiliary Systems	30d	30d 08-Aug-22	16-Sep-22	08-Aug-22	16-Sep-22	-63d	Commission Auxiliary Systems			
B02A4910	Launch	Od	Od 26-Aug-22*		26-Aug-22		-29d	♦ Launch, 26-Aug-22*			
B02A4920	First Run Harbour and Emergency Genenerator	2d	2d 17-Sep-22	21-Sep-22	17-Sep-22	21-Sep-22	-29d	First Run Harbour and Emergency Genenerator			
B02A4930	First Run Auxiliary Generator	4d	4d 22-Sep-22	03-Oct-22	22-Sep-22	03-Oct-22	-29d	First Run Auxiliary Generator			
B02A4940	Main Engine Commissioning	5d	5d 04-Oct-22	17-Oct-22	04-Oct-22	17-Oct-22	-29d	Main Engine Commissioning			
802A4960	Propulsion Controls	10d	10d 18-Oct-22	31-Oct-22	18-Oct-22	31-Oct-22	-61d	Propulsion Controls			
B02A4970	Gearbox Commissioning	5d	5d 18-Oct-22	31-Oct-22	18-Oct-22	31-Oct-22	-28d	Gearbox Commissioning			
B02A4980	PTO / PTI	1d	1d 01-Nov-22	04-Nov-22	01-Nov-22	04-Nov-22	-28d	PTO / PTI			
802A4990	Load Test	7d	7d 06-Nov-22	26-Nov-22	06-Nov-22	26-Nov-22	-28d	💼 Load Test			
B02A5000	PMS Set Up	7d	7d 27-Nov-22	17-Dec-22	27-Nov-22	17-Dec-22	-28d	PMS Set Up			
802A5010	Bow Thruster Commissioning	2d	2d 18-Dec-22	22-Dec-22	18-Dec-22	22-Dec-22	-28d	Bow Thruster Commissioning			
B02A5020	Dock Trial	Od	Od 26-Dec-22	26-Dec-22	26-Dec-22	26-Dec-22	-28d	Dock Trial			
B02A5030	Dry-Dock	3d	3d 28-Dec-22	06-Jan-23	28-Dec-22	06-Jan-23	-28d	Dry-Dock			
B02A10677	Inclining Exercise	Od	0d 10-Jan-23	10-Jan-23	10-Jan-23	10-Jan-23	-29d	Inclining Exercise			
802A5040	Builder Sea Trials	1d	1d 11-Jan-23	14-Jan-23	11-Jan-23	14-Jan-23	-29d	Builder Sea Trials			
802A5050	Owners Sea Trials	1d	1d 15-Jan-23	17-Jan-23	15-Jan-23	17-Jan-23	-29d	Owners Sea Trials			
802A5070	Defect Clearance	5d	5d 18-Jan-23	31-Jan-23	18-Jan-23	31-Jan-23	-29d	Defect Clearance			
B02A5080	LNG Tank Commissioning	4d	4d 01-Feb-23	12-Feb-23	01-Feb-23	12-Feb-23	-29d	📕 LNG Tank Commissionin			
B02A5090	LNG Bunkering	2d	2d 08-Feb-23	12-Feb-23	08-Feb-23	12-Feb-23	-28d	LNG Bunkering			
802A5100	LNG Dock Trial	2d	2d 14-Feb-23	18-Feb-23	14-Feb-23	18-Feb-23	-29d	UNG Dock Trial			
802A5110	LNG Sea Trial	1d	1d 20-Feb-23	22-Feb-23	20-Feb-23	22-Feb-23	-29d	LNG Sea Trial			
B02A5120	Delivery	Od	Od	27-Feb-23*		27-Feb-23	-54d	 Delivery, 			

Ferguson Marine (Port Glasgow) Proprietary Information

The information contained in this document is the property of Ferguson Marine (Port Glasgow), and further dissemination is prohibited without written permission of Ferguson Marine (Port Glasgow).

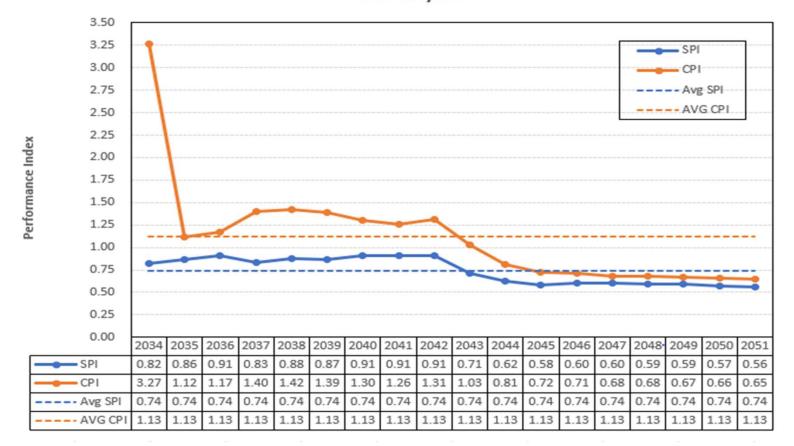
10. Resource Profile as @ Baseline Position (Aug 2020)



Ferguson Marine (Port Glasgow) Proprietary Information

The information contained in this document is the property of Ferguson Marine (Port Glasgow), and further dissemination is prohibited without written permission of Ferguson Marine (Port Glasgow).

12. SPI & CPI Trends

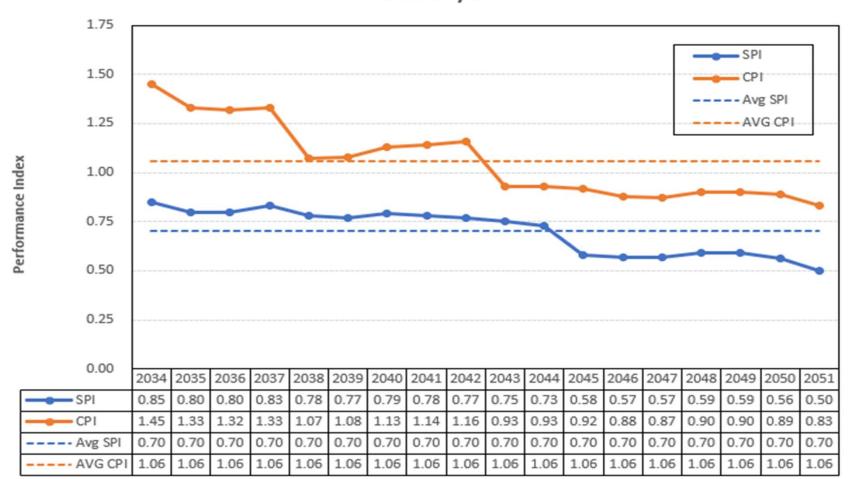


801 CPI/SPI

Ferguson Marine (Port Glasgow) Proprietary Information

The information contained in this document is the property of Ferguson Marine (Port Glasgow), and further dissemination is prohibited without written permission of Ferguson Marine (Port Glasgow). IN STRICT CONFIDENCE

12. SPI & CPI Trends



802 CPI/SPI

Ferguson Marine (Port Glasgow) Proprietary Information

The information contained in this document is the property of Ferguson Marine (Port Glasgow), and further dissemination is prohibited without written permission of Ferguson Marine (Port Glasgow). IN STRICT CONFIDENCE

13. Procurement Update – Subcontractors

Supplier	Scope of Work	Forecast contract date	Status
[redacted]	Electrical design and commissioning	August - DONE	Contract executed 27 Aug'20 and POs issued for equipment and commissioning of both 801 & 802. Comms cabinet mods, navigation equipment and VDRs complete. PMS and switchboard scopes ongoing.
[redacted	Accommodation outfit	•	Contract executed 09 Sep'20 and POs issued. Programme dates for manufacturing and installation shared and aligned.
[redacted]	HVAC	October - DONE	Contract executed 10 Oct'20 and POs issued. Programme dates for manufacturing and installation shared and aligned.
[redacted	Power and Propulsion Equipment	November - DONE	Contract executed 19 Nov'20 and POs issued. Additional long lead time equipment ordered. UK resources performing condition survey of equipment – commenced November, will be completed in Feb (LNG and propulsion outstanding).
(redacted)	Fire Systems	December - DONE	Contract executed 22 Dec'20 and POs issued for design, equipment supply and commissioning. Engineering on going. No major long lead items of equipment.
[redacted]	Pipe Fitting Services	December - DONE	Contract executed 18 Dec'20 and POs issued. Installation programme agreed with work due to commence wkc 25 Feb 21
[redacted]	Cryogenic Pipework	February - WIP	Technical requirements still being finalized with input from [redacted]
[redact	Stern Ramp, Clam Shell Doors & Car Deck Ramp Inst. & Comm. Support	February - WIP	Equipment delivered and available at site. Pedacte to provide installation and commissioning support. This has already been paid for by FMEL.

Ferguson Marine (Port Glasgow) Proprietary Information

The information contained in this document is the property of Ferguson Marine (Port Glasgow), and further dissemination is prohibited without written permission of Ferguson Marine (Port Glasgow).

13. Procurement Update – Public Tenders + Outsourcing

Supplier	Scope of Work	Forecast contract date	Status
[redacted]	Pipe manufacture - subcon	September	3 providers selected from 10 bids. Contract award issued and published on PCS on 14 Sep'20. All 3 suppliers are mobilised to support volume profile. [redacted] delivered, balance of 0202 and 0203 to be delivered wkc 25 Jan 21. Zone 3 is on order with Feb delivery profile.
[redacted]	Contract Labour	- DONF	4 providers selected from 14 bids [redacted] Contract award issued and published on PCS in Dec 20. Project now handed over to Operations/HR for Resource Management.
[redacted]	Cable installation and termination	December - DONE	Contract award issued and published on PCS in Dec 20. POs issued for 801 survey, initial team and site mobilisation. 801 survey nearing completion.
[redacted]	Hydraulics equipment and commissioning	April - WIP	^{Ireduct} stage 1 completed with short list of 5 selected from 11 submissions received. Stage 2 released in Jan 21. Bid deadline in Feb.
[redacted]	Pipe Fitting Services	April - WIP	l ^{redac} launched on PCS on 05 Jan 21. Bid deadline in Feb.
[redacted]	Raw Materials - Metals	April - WIP	^{redac} to be launched on PCS wkc 25 Jan 21.
[redacted]	Structural Insulation	May - WIP	Scope and commercial model being finalized. ^{Iredact} to be issued on PCS Feb 21.
[rodacted]	Pipe Materials	May - WIP	^{redac} to be launched on PCS Feb 21.
[redacted]	Plate Forming – Double Curvature	February - WIP	Proposal received and with engineering for final review.

Ferguson Marine (Port Glasgow) Proprietary Information

The information contained in this document is the property of Ferguson Marine (Port Glasgow), and further dissemination is prohibited without written permission of Ferguson Marine (Port Glasgow).

14a. Risks – Top 10

•	Risk Description	Controls in Place	Current Imp 🚽	Current Likeliho 🚽	Current Risk Sc _v i	Action Planned	Risk Own(🚽	Change explanation
88	COVID-19 - there is a risk that the onging effect may impact the yard or its suppliers	Revised onsite social distancing and mask policies New amenities brought in to allow for increase in labour Most office staff now working from home	50	5	250	Monitor situation and enforce policies Limited return to production work from 25th Jan Full production work expected to start 1st Feb	[redacted]	Production has stopped with employees on special leave.
37	Late delivery of 801/802	Risks associated with late delivery are captured elsewhere in the risk register with planned controls.	50	5	250	 Include a time allowance for programme slippage To be reviewed due to production suspension, 801 drydock extension, and labour shortfall 		Potential programme impact to 801 as a result of poor hull paint system requiring extension to second dry docking Concern around labour impact to programme Impact to programme: production suspended due to Covid-19
38	Programme launch date of 802 not met	Risks associated with late launch are captured elsewhere in the risk register with planned controls.	50	5	250	 Include time allowance for programme slippage (same as late delivery) To be reviewed due to production suspension and labour shortfall 		Currently linked to 801 programme. Would need to review.
70	Insufficient capacity for pipe manaufacture and installation to support the programme	Programme demand from plan based upon installation rates and compartment capacities Pipe painting facility set up in Greenock to complete painting of bought-in pipes	50	5	250	 produce plans for subcontract of pipe manaufacture - plan shows pipe made out company only closing pipes produce plans for permanent and contractor installation labour plan based on yard install Produce specific plan for manufacture and instalation of hydraulic pipework required to be out contracted 		Subcontract framework has been placed with 3 suppliers. Further ITT has been issued to add additional capcity if required.
85	Unable to recruit or retain Production staff in the required numbers, with suitable qualifications and experience	Resource plans from revised programme, together with yard plan Allowance against market rates reviewed.	50	5	250	 Include allowance for potential increase Part of annual wage negotiations Develop the programme resource demand Produce a yard resource plan showing all projects Develop a resource supply strategy 		 Increases are included in the wage negotiations. In progress This is being undertaken by ^[redacted] Produced by planning but not effective and needs rework.

Ferguson Marine (Port Glasgow) Proprietary Information

The information contained in this document is the property of Ferguson Marine (Port Glasgow), and further dissemination is prohibited without written permission of Ferguson Marine (Port Glasgow).

14b. Risks – Top 10 continued

¥	Risk Description	Controls in Place	Current Imp 🚽	Current Likeliho 🖵	Current Risk Sc ₊	Action Planned	Risk Own(🖵	Change explanation
14	Level of rework not sufficiently scoped. Known rework not fully scoped. Unknown rework will occur particularly during the test and commissioning phase	CNs and 200 series included in programme Change control process implemented. OORs incorporated into model	50	5	250	 Completion of re-baseline evaluation Allow additional time in the commissioning programme 	[redacted]	Rework is being separately identified through planning rework codes There is further rework being identified on 801 in the vehicle deck compartments OORs being reviewed
22	Workpackaging arrangements not robust enough to control properly the work sequence and capturing performance	Work packages for fabrication, hotwork and pipe manufacture are now being issued with material identified. Kitting of pipes for 0201 completed	50	5	250	 Introduce a process for workpackaging Improve the organisation to deliver the new process 	-	External piping manufacture for 02 complete, 03 on order with delivery expected mid February
46	Vessel cannot meet contract deadweight	Lightship weight continues to grow	50	5	250	 Continue to limit weight growth wherever possible and practical Commercial impact subject to the contract provisions 		New NA lead will drive updated weight calculation. ^{Ired} will be contracted to supply information for newly modeled items.
84	Impact to the programme of the implementation of the Public Procurement process	Procurement plan in place	50	5	250	 Increase procurement headcount Allow for time in the programme 	-	Public Procurement process is embedded in the business.
55	Failure of equipment during warranty period. Supplier guarantees have expired	Warranty controls and spreadsheet is live to allow ongoing review of current position	50	5	250	Warranty review meeting completed and information shared on all live warranties: where warranty is no longer able to be extended ^[redacted] a care and maintenace plan will be put in place.		Iredacted back on contract. Survey's ongoing to define care and maintence required.

Ferguson Marine (Port Glasgow) Proprietary Information

The information contained in this document is the property of Ferguson Marine (Port Glasgow), and further dissemination is prohibited without written permission of Ferguson Marine (Port Glasgow).

16. Weight

Weight report will be updated ASAP.

Info from ^{[redacted} is being used to replace previous estimates. [redacted] generated estimates require to be validated during next unit lift.

17. CMAL Comments to the Monthly Report

CMAL Comments:

- It is clear that in Q4 2020 and in January 2021 that the number of workers deployed on the vessel is far short of that required to meet the latest delivery windows of H801/H802. This has been recognised by FMPG in regular update meetings. We understand that a combination of COVID impacts and also the struggle to employ the quantity of local labour that there is now a real and apparent risk that the delivery dates will need to be further revised. It is noted that FMPG are aiming to update the programme by the end of February 2021.
- 2. There is uncertainty as to whether the current slippage (in some areas being up to 16 weeks (according to the schedule) can be recovered.
- 3. We note that already the delivery date for 802, within the window of Dec 2022 Feb 23, is showing a date of 27th February 2023 the penultimate date within the current window.
- 4. There is yet to determined rework and this needs to be identified as soon as possible as again this will impact programme.
- 5. There continues to be uncertainty regarding the lightship weight (14b Risks and 16 weight) this has a bearing on deadweight which is a critical metric given that it determines the vessels payload. This is a concern.
- 6. Discussions are continuing regarding the underwater paint on H801 as witnessed in the drydock Aug/Sept 20. Addressing this matter at the guarantee dry dock will not be accepted.
- 7. The legacy of pipework in the Engine Room spaces on vessel MV Glen Sannox remain far from optimal. Throughout 2020 there were numerous detailed design meetings that did not yield any significant changes as these would have caused both cost and time impacts regarding the project. It remains the case that future maintenance of any defects that occur with the pipework in the engine room spaces are likely to be very complicated and time consuming to fix. We will discuss further, at a local level, to identify any improvements that can be achieved.
- 8. Overall we consider that there is a medium/high likelihood that the delivery windows for both vessels will be required to be revised and that this could include new delivery windows that are later than currently predicted.

Ferguson Marine (Port Glasgow) Proprietary Information

The information contained in this document is the property of Ferguson Marine (Port Glasgow), and further dissemination is prohibited without written permission of Ferguson Marine (Port Glasgow).

17. Appendix

801/802's QLA

• QLA's are now kept in the same folder as the Monthly progress report.