



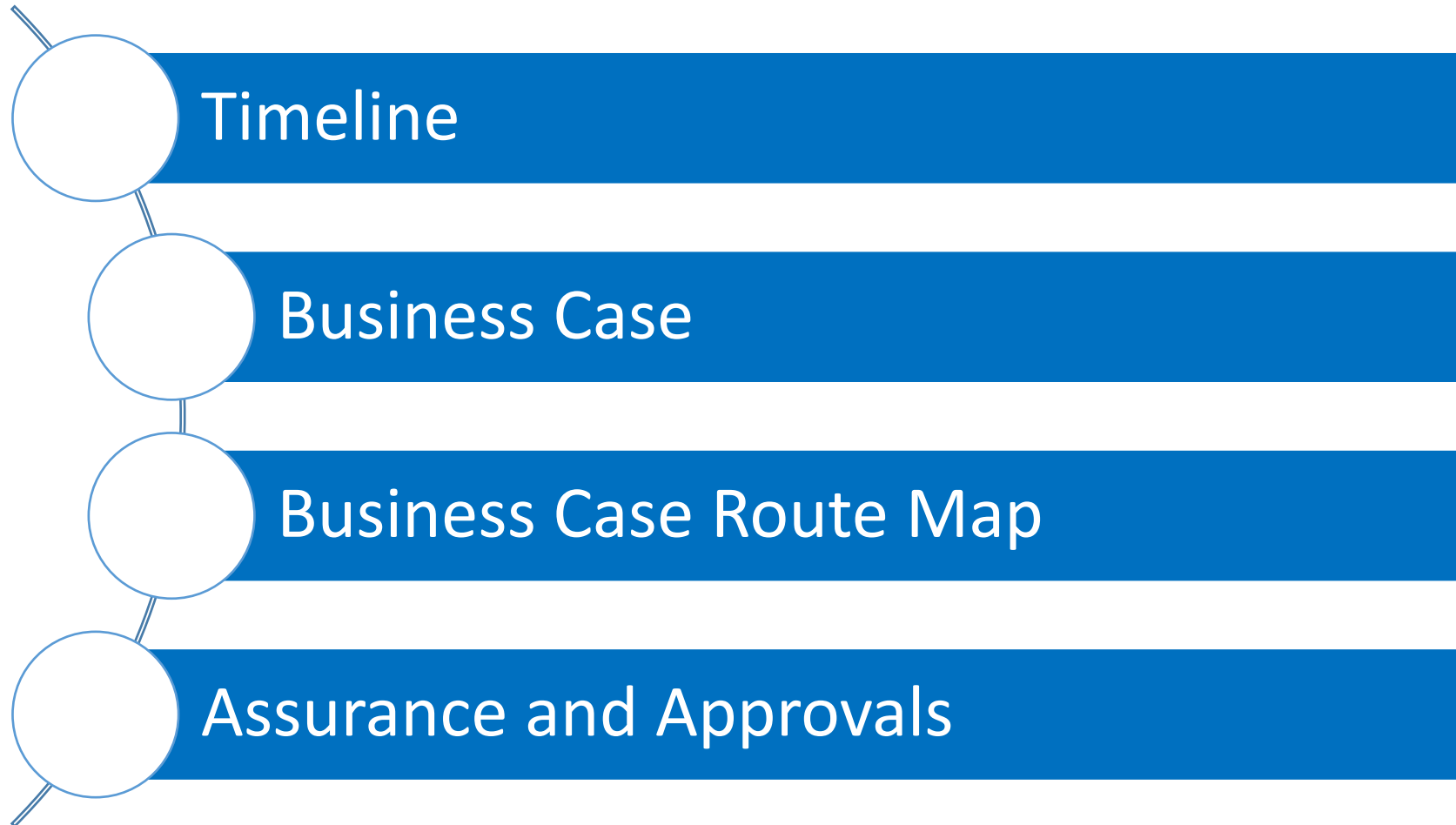
Northern  
Lighthouse  
Board

# Vessel Replacement Project - Industry Day

## The Programme

Julie-Anne Humphreys, PMO Manager

# Contents



# Timeline – High Level

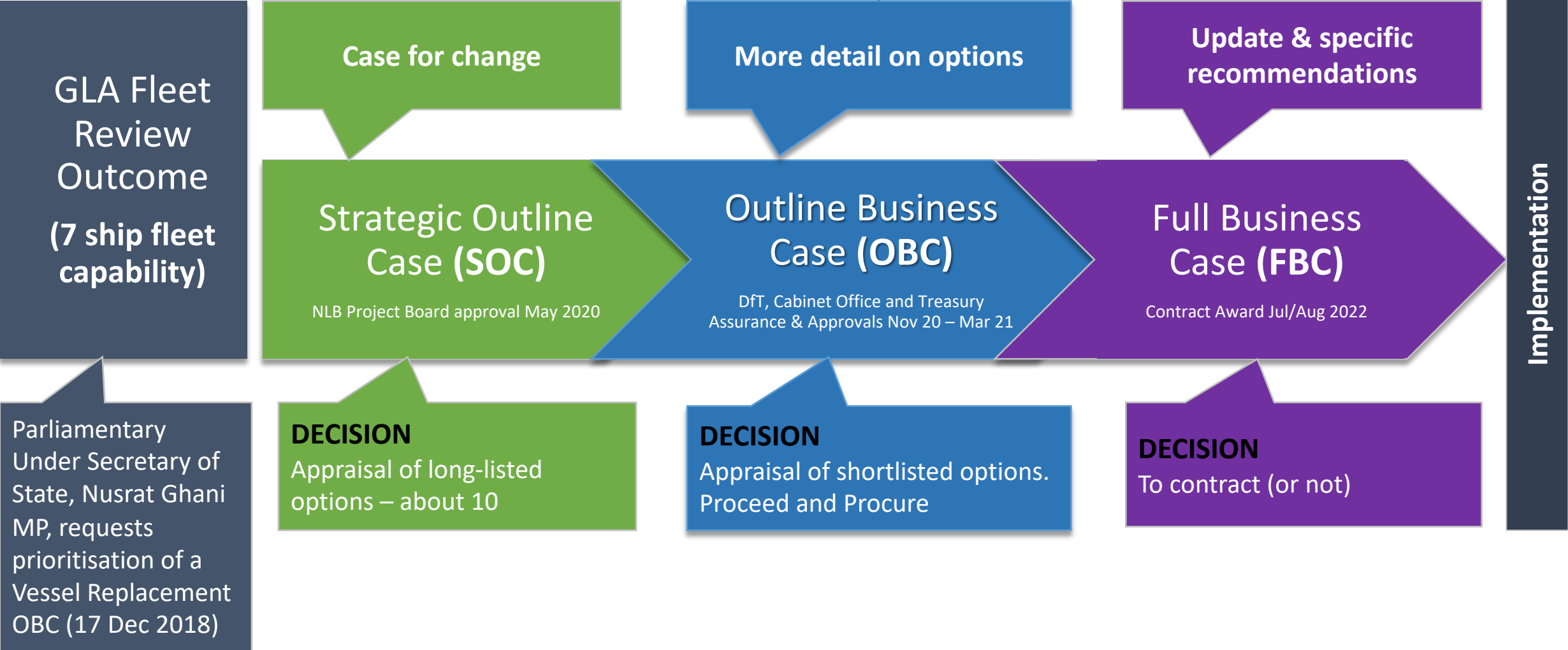
Task	*Planned Timeline
GLA Fleet Review	Phase 2 Complete – 2018
Parliamentary Under Secretary of State, Nusrat Ghani MP, requests prioritisation of a Vessel Replacement Outline Business Case (OBC)	Complete – 17 Dec 2018
Strategic Outline Case (SOC)	Complete – May 2020
<b>PIN Published</b>	Complete – October 2020
Outline Business Case submission to DfT and Cabinet Office	Early 2021
<b>Industry Day</b>	26 February 2021
<b>Industry Q&amp;A Sessions</b> (Technical and Commercial)	13 April, 20 April 2021
<b>Selection Questionnaire Process</b>	April – July 2021
<b>ITT Process</b>	November 2021 – April 2022
Full Business Case submission to DfT and Cabinet Office	Spring/Summer 2022
<b>Contract Award</b>	Summer 2022
Design and Build Period	Summer 2022 – Autumn 2024

*\*Dates are indicative and subject to change*

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# HM Treasury Green Book - Business Case

We are here



# Estimating Financial Benefits

## Benefits – Economic Case

**Reduced maintenance costs**

**Increased speed and improved seakeeping**

**Reduced downtime**

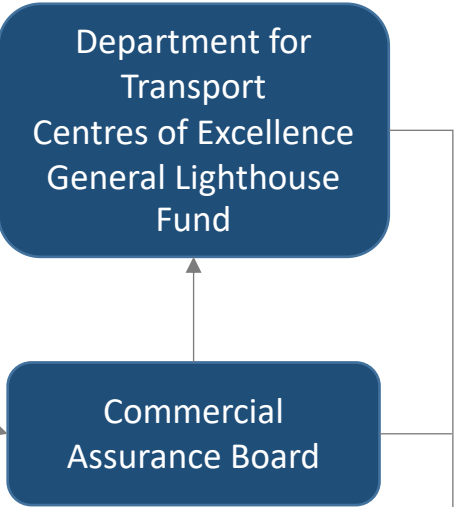
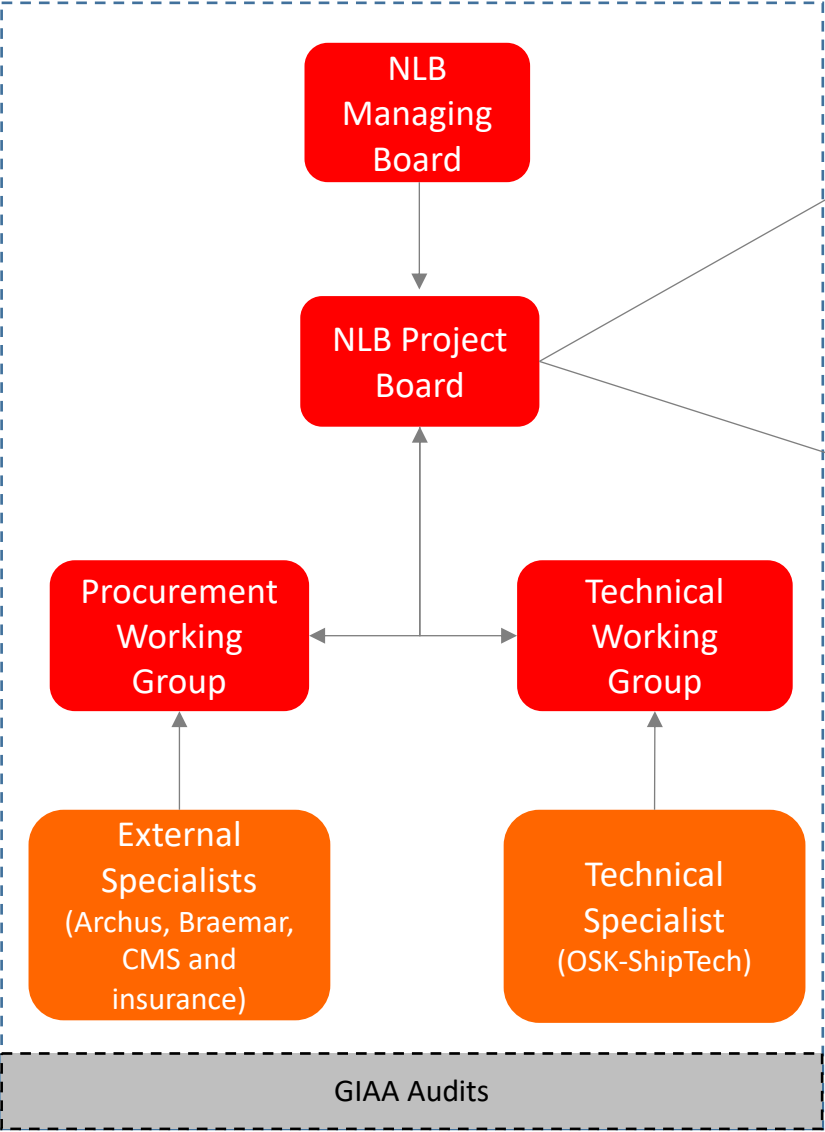
**Improved flexibility** - More commonality between the vessels is likely to allow for more flexible working combined with better interoperability.

**Commercial income** - It is anticipated that the decreasing reliability of an ageing vessel will result in reduced availability. Since core activities must be delivered, it is assumed that this would have an impact on commercial activities. It is therefore assumed that current commercial income levels could only be retained if NLV Pole Star is replaced with a new vessel.

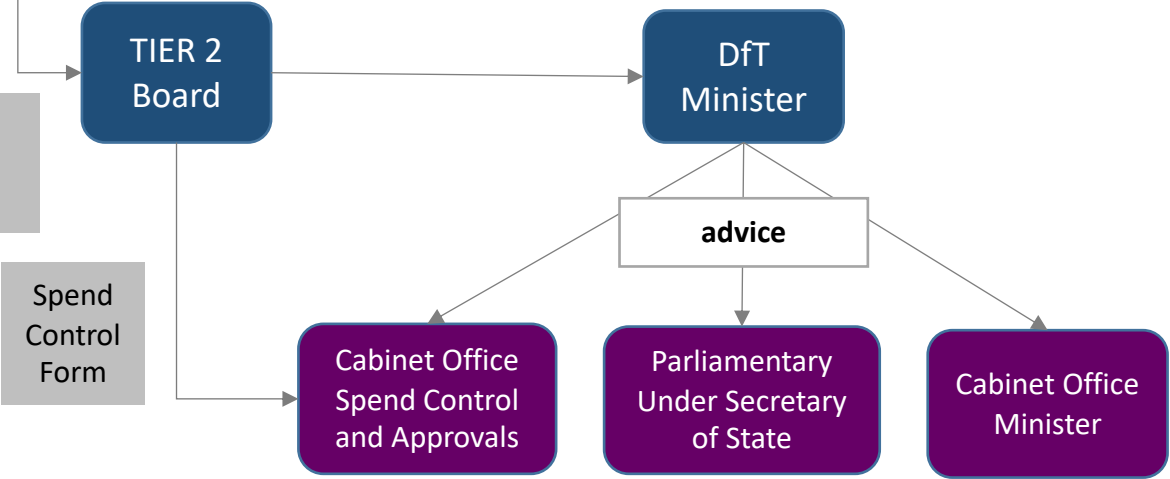
**Societal benefits** - relate to the environmental impacts of replacing NLV Pole Star with a modern hybrid-powered vessel that incorporates greener design features such as increased use of shore power, better on board energy efficiency and quieter engines.

- Changes in Greenhouse Gases
- Improved Air Quality
- Reduced Noise Impact

# OBC/FBC Route Map

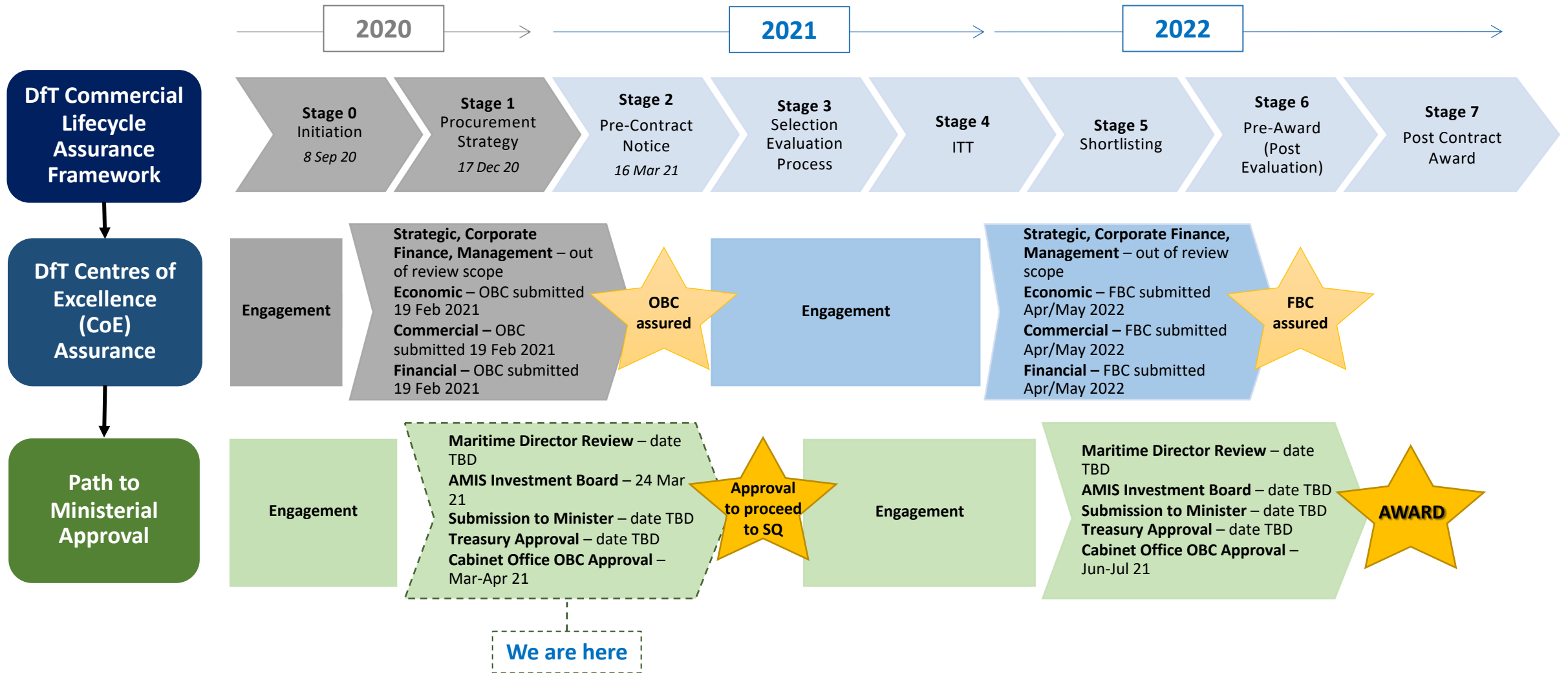


5-6 months x2 (OBC + FBC)



28 days x2 (OBC + FBC)

# Assurance and Approvals



# Timeline - *Detailed*

Task	*Estimated Timeline
GLA Fleet Review	Phase 2 Complete – 2018
Parliamentary Under Secretary of State, Nusrat Ghani MP, requests prioritisation of a Vessel Replacement OBC	Complete – 17 Dec 2018
Strategic Outline Case	Complete – May 2020
<b>PIN Published</b>	Complete – October 2020
Outline Business Case submission to DfT and Cabinet Office	February – March 2021
<b>Industry Day</b>	26 February 2021
<b>Industry Q&amp;A Sessions</b> (Technical and Commercial)	13 April, 20 April 2021
<b>Selection Questionnaire (SQ) Advertised</b>	April 2021
SQ Submission	June 2021
SQ Evaluation	June – July 2021
<b>Invitation to Tender (ITT) Advertised</b>	August 2021
ITT Submission	November 2021
ITT Evaluation (incl. Site Visits and Negotiations)	November 2021 – April 2022
Full Business Case submission to DfT and Cabinet Office	Spring/Summer 2022
<b>Contract Award</b>	Summer 2022
<b>Design and Build Period</b>	Summer 2022 – Autumn 2024

*\*Dates are indicative and subject to change*





# Northern Lighthouse Board

In Salutem Omnium  
*For the Safety of All*

# Disclaimer

Please note that the information made available at the Industry Day will be shared solely for the purposes of market engagement. The Industry Day does not indicate or imply that NLB will proceed with the vessel replacement project in the manner described or at all, and NLB reserves the right to amend its approach at any time prior to the formal launch of a procurement process.

- NLB reserves the right to amend and/or update its approach at any time before the formal launch of a procurement process.
- NLB has no liability for the accuracy, adequacy, or completeness of any information shared today.
- Attendees are in no way guaranteed consideration for future business or work from NLB, whether in relation to this project or any other.
- NLB will not be liable for costs incurred by any party attending this Industry Day.
- NLB reserves the right to keep a record of any queries and to circulate such queries to interested parties.

