



Extended reserve Code amendment

Stakeholder briefing

29 April 2021

Agenda

- Work to date
- Objective of the proposed amendment
- Implementation timeframe



Work to date

Previous implementation effort attempted to develop a market for extended reserve while transitioning the North Island to a 4- block AUFLS scheme

May 2018 – the Authority and system operator conducted technical interviews with each North Island distributor and several direct connect consumers

October 2019 – project re-focused to deliver a technical transition to a 4- block AUFLS scheme for the North Island without a market solution

January 2020 – system operator released a draft AUFLS data specification for feedback

October 2020 – MEUG facilitated discussions regarding current exemptions

April 2021 – Code amendment consultation



Objective of the proposed amendment

The Authority is proposing that the North Island AUFLS system will be transitioned from its current 2-block scheme to a 4-block scheme with RoCoF trip settings on the fourth AUFLS block.

Provider arming levels will be monitored by the system operator on an annual basis to ensure the appropriate amount of load is armed in each block to maintain system security.

Current AUFLS exemptions holders will be required to seek physical or contractual equivalence arrangements before applying for further exemption.



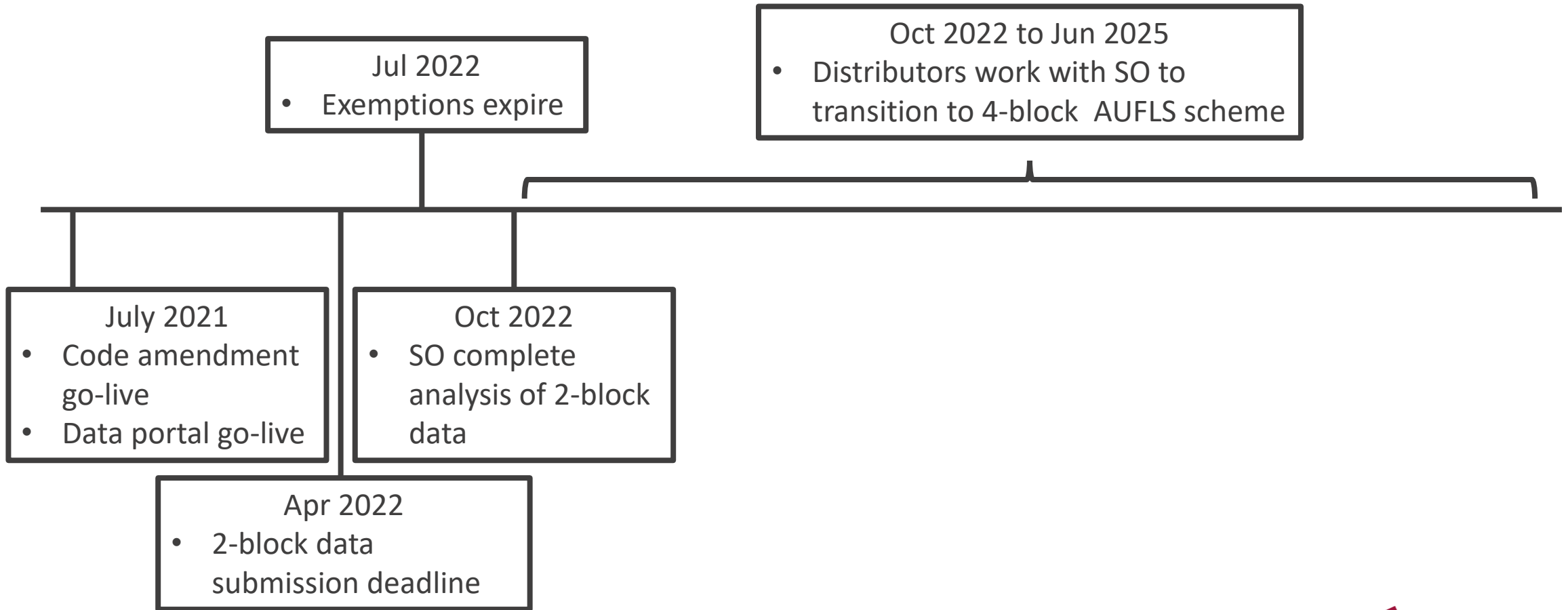
Objective of the proposed amendment

The objectives of the proposed amendment are to improve the efficiency and reliability of the North Island AUFLS system. The Authority expects the transition to 4-block AUFLS to achieve this by:

- (a) delivering the enhanced system security benefits of the proposed 4-block AUFLS scheme as quickly as practicable,
- (b) providing a compliance regime that targets an aggregate, Island-wide AUFLS provision,
- (c) allowing the system operator and individual AUFLS provider to agree a modified AUFLS provision proposal that maintains overall system security whilst acknowledging the physical limitations of the provider's network,
- (d) providing parties that hold current AUFLS provision exemptions with a path to compliance with the AUFLS provision obligations where possible,
- (e) providing a secure technical basis for any enhancements to the AUFLS scheme that may be identified in the future



Implementation timeline



Thank you

Any questions?

