**Key Questions to the International Review Panel for the Linefish Section**

***1. Parameterization of the revised JABBA-Select Model (IWS/2018/Linefish\_P2):***

1. Comment on the *Multivariate Normal (MVN)* prior approach to account for the non-independence of key JABBA-Select input parameters, *H*MSY and the shape parameter *m,* addressing IWS 2017 **E.1** *.*
2. Advise on the robustness of the currently used deterministic, external approximation of the non-linear relationship between exploitable biomass (EB) and spawning biomass (SB) **(E.1)**. If possible, suggest potential options that could be explored to allow updating the functional form of EB/SB within the JABBA-Select model.
3. Broadly comment on the completeness of the revised documentation of the JABBA-Select model provide**,** addressing IWS 2017 **E.1.**

***2. Simulation-Estimation Study (IWS/2018/Linefish\_P2):***

Evaluate the suitability of the revised simulation framework in terms of comparability between modelling frameworks and performance metrics, addressing IWS 2017 **(E.2)**.

***3. Process error and posterior diagnostics (IWS/2018/Linefish\_P2 & P3):***

1. Comment on the revised the posterior and prior diagnostic plots and metrics in **P2 (E.1)** and provide guidance regarding correct interpretation.
2. The stochastic age-structured simulator, which was suggested as a diagnostic tool for process error variance estimate (**E.1**), infers the process error from an unfished state. However, the simulation results in **P3** indicate that the fisheries-induced truncation of the population is likely to inflate variation in the log-biomass variation at low abundance. Provide directions for future research towards generalizing this approach to inform process error prior parameterization and process error diagnostic tests.