**Charge for the Preliminary Design Review (PDR)
2 February 2018**

**Charge to Committee:**

The purpose of this Preliminary Design Review is to assess whether the design has progressed far enough (is “mature” enough) to support the proposed technical and performance management baseline and is ready to proceed to the detailed/final design phase.

Specific questions that the committee should address are provided below:

1) Have system requirements been defined and are they complete and adequate enough to ensure acceptable system performance?

2) Is the proposed design expected to meet the functional and performance requirements, and are interfaces properly identified and defined?

3) Have appropriate options and alternatives been considered in selecting the design approach? Are there further value engineering opportunities that should be considered?

4) Is the proposed design sufficiently mature to proceed to final design?

5) Have major project risks and safety hazards been identified, characterized, and mitigated where appropriate?

6) Are the project plan and cost estimates reasonable?

The committee is asked to compile a set of comments and recommendations along the lines of enquiry stated above. Comments and recommendations should be separated into two categories, namely, those that need to be addressed prior to proceeding to final/detailed design, and those that should be addressed in due course during the final design process.