1. (normative)  
   Battery user manual - DRD
   1. DRD identification
      1. Requirement identification and source document

This DRD is called from ECSS-E-ST-20, requirement 5.6.4b.

* + 1. Purpose and objective

The battery user manual is a document generated by the manufacturer, that can be used by the customer for the procurement of cells and batteries.

* 1. Expected response
     1. Scope and content

The battery user manual shall contain the following information:

maximum ground storage life (where applicable before and after activation);

maximum period of non–use without special “wake–up” cycling;

range of battery temperatures and maximum durations during pre–launch and operational phases;

battery maintenance procedures during integration and pre–launch phases including case of launch delay;

storage procedure, range of storage temperature, cell discharge requirements before storage;

humidity and packaging constraints for storage;

maximum and minimum state of charge to be maintained during storage, requirements on individual shorting of cells, details of any trickle charge or periodic maintenance (e.g. minimum voltage checks and top-up charge to a maximum voltage in case a minimum cell voltage is reached)

reactivation procedure after storage;

handling and cell connecting procedures and precautions;

cell and battery safety related information;

transportation requirements.

* + 1. Special remarks

None.