

**ESA ESTEC -D/TEC QC and EP
In Support of the CTB Partnership
DC/DC Converter Technology Roundtable.
ESA-ESTEC 13-4-2005**

Aim:

The aim of this meeting is to outline the ESA needs for DC-DC converters and propose a potential approach for the provision of a series of low cost, readily available OFF the shelf converters that are fully qualified for space use (e.g. for which the usual reliability for space equipments is not compromised). In support of this, and in the frame of the CTB partnership approach, ESA is requesting the industry opinion from the users of DC-DC converters and the manufacturers. Additionally the roundtable is requesting that the space community explore the opportunities of ensuring a sustainable supply by designing a product that would be acceptable to other high reliability users. In addition industry should give an indication of their overall needs for DC/DC converters

Outputs:

- A clear understanding by all parties of the drivers in the
- Design
- Selection
- Use
- Procurement of converter technology
- agreed approach to the implementation of lower cost and schedule of such products.
- agreed approach to the qualification of such technologies and how best to reuse designs in equipments.