



Publication Year	2014
Acceptance in OA @INAF	2023-02-01T15:10:06Z
Title	Rosetta Virtis emergency power off procedure
Authors	CICCHETTI, ANDREA; NOSCHESE, RAFFAELLA
Handle	http://hdl.handle.net/20.500.12386/33106



Date 16/09/2014
Issue 2
Revision 0
Page 1 of 2

ROSETTA/VIRTIS

Rosetta

VIRTIS Emergency Power Off Procedure

OLD CATALOGUE:

VIR-IAS-TN-037 / INAF/IAPS-2014-031 / ISSUE 2 / REVISION 0

PREPARED by : A. Cicchetti, R. Noschese

CHECKED by : F. Capaccioni

APPROVED by : F. Capaccioni



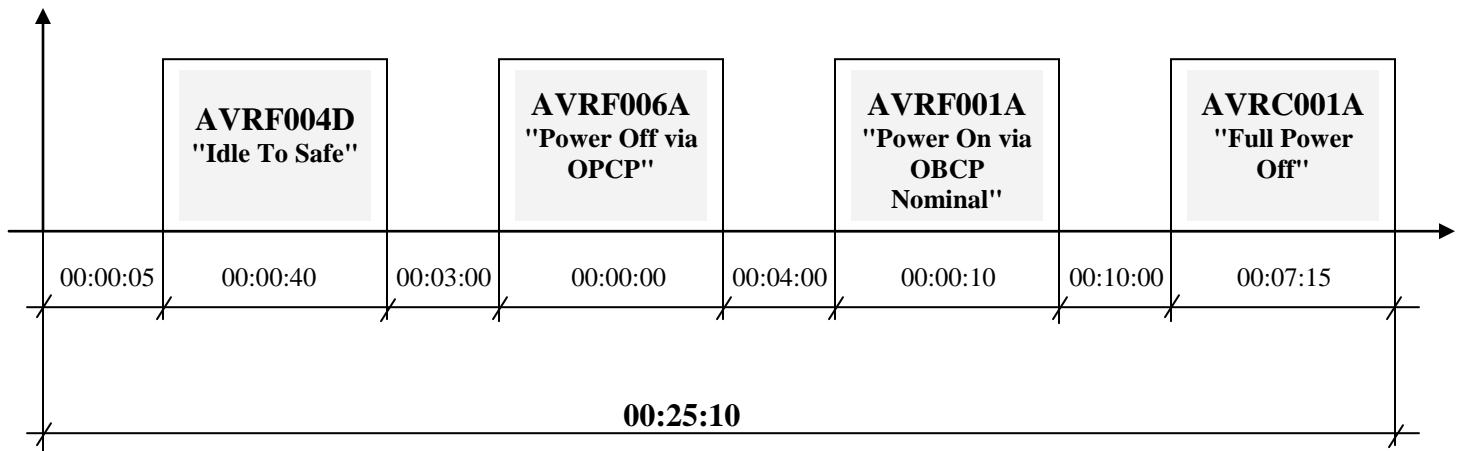
PURPOSE OF THIS PROCEDURE

The aim of this Procedure is to describe the actions to be taken by the engineer with PL team approval, in case of emergency triggered by OOLs/events listed in SY-CRP-000. The VIRTIS onboard SW will force the instrument in SAFE mode, where the TCs directed to the PEMs, which will be off in this case, are not accepted.

In general, the instrument will be in Safe Mode as anomalies were identified in one of the channels and thus any TC directed to that channel will be rejected.

There is the issue of the Covers possibly being left open and the possible contamination of the optical elements. This procedure has been mainly designed to close the Covers before the Power Off.

ZDMX2206 "Disable release of all MTL TCs by SID"



The block "AVRF004D" has been added to force the instrument in the SAFE state, in case for some unknown reason, VIRTIS is in the IDLE state, where the subsequent blocks would be rejected