



30th November 2001

To: Jean Bruston, Bernard Collaudin

SPIRE-RAL-COM-001047

From: John Delderfield

cc: Ken, Bruce, Berend, Eric, Doug, Christophe, Renato,

### **RAL COMMENTS on IIDA CR 21-25.**

Lack of comment means seems OK.

H-P-ASPI-CR-0021	IIDA section 5.11.3
Must include reference to or actual description of how CTR can be translated into TAI	

H-P-ASPI-CR-0022	IIDA section 5.9.5.3.2
Agree formally with removal of specific spec. for Commutation Spikes...it does not matter to instruments what the cause of noise is. There may be hidden implicit information about the noise spectrum in this form of specification however. So whilst agreeing that bandwidth has to be included for any noise to be properly quantified, Spire would request inclusion of noise envelope in IID-A. Two major problems with CR: a. Instrument I/F SHALL remain at instrument connector and this is where spec. SHALL apply. Alcatel can by all means have an internal figure for PDU output, but it's not an IID parameter b. Cannot just accept worsening from 140mV ripple + occasional 240mV commutation spike to broadband 300mV. Will need resource for IFSI and CEA to assess impact of this significant change.	

H-P-ASPI-CR-0023	IIDA section 5.5.4.1
This is quite odd. Spire has changed through working of the Power/EMC group to there being no synchronisation signal but just a master clock. It would be chaos to re-invent synchronisation.	

H-P-ASPI-CR-0024	IIDA section 5.14.3.13
Spire may seek waiver for CVV equipments anyway, but there's a foul up in the wording. How can 15mJ remain 5.6mJ?!!	

Please could Berend assess CR25 for vibration levels.

Best regards