

 CARLO GAVAZZI CARLO GAVAZZI SPACE SpA		RELAZIONE DI RIUNIONE/VISITA NOTES OF MEETING/VISIT		N° DPU-MI-CGS-010															
DATA – DATE 04/09/2001		LOCALITA' – LOCATION MILANO		COMMESSA – JOB HSO/FIRST - DPU															
RIF. - REF. 1916		FOGLIO SHEET		DI 1 OF 4															
IMPIANTO PROJECT	DESCRIZIONE DESCRIPTION				CLIENTE CUSTOMER														
	LOCALITA' LOCATION				ORDINE CONTRACT														
SCOPO RIUNIONE PURPOSE OF MEETING	HSO/FIRST – DPU Progress Meeting 3				REDATTO – WRITTEN BY A. LONGONI														
					DISTRIBUZIONE DISTRIBUTION														
PRESENTI ATTENDED BY	NOMI - NAMES		POSIZIONE - POSITION																
PUNTI ITEMS	ARGOMENTI DISCUSSI – DESCRIPTION OF DISCUSSION				AZIONE A CURA (1) ACTION BY (1)														
<p style="text-align: center;">PARTICIPANTS</p> <table border="0"> <tr> <td>O. BAUER</td> <td>MPE Garching (PACS)</td> </tr> <tr> <td>R. ORFEI</td> <td>CNR IFSI</td> </tr> <tr> <td>R. CERULLI</td> <td>CNR IFSI</td> </tr> <tr> <td>A. LONGONI</td> <td>CGS</td> </tr> <tr> <td>G. SANTORUVO</td> <td>CGS</td> </tr> <tr> <td>A. SCIORTINO</td> <td>CGS (Part Time)</td> </tr> <tr> <td>A. BERTOLI</td> <td>CGS (Part Time)</td> </tr> </table>						O. BAUER	MPE Garching (PACS)	R. ORFEI	CNR IFSI	R. CERULLI	CNR IFSI	A. LONGONI	CGS	G. SANTORUVO	CGS	A. SCIORTINO	CGS (Part Time)	A. BERTOLI	CGS (Part Time)
O. BAUER	MPE Garching (PACS)																		
R. ORFEI	CNR IFSI																		
R. CERULLI	CNR IFSI																		
A. LONGONI	CGS																		
G. SANTORUVO	CGS																		
A. SCIORTINO	CGS (Part Time)																		
A. BERTOLI	CGS (Part Time)																		


(1) INDICARE IL NOMINATIVO RESPONSABILE DELL'AZIONE E DATA DI COMPLETAMENTO
 (1) ACTUAL PERSONS RESPONSIBLE AND COMPLETION DATE SHALL BE SHOWN

 CARLO GAVAZZI CARLO GAVAZZI SPACE SpA		RELAZIONE DI RIUNIONE/VISITA NOTES OF MEETING/VISIT		N° DPU-MI-CGS-010 FOGLIO DI SHEET 2 OF 4	
DATA – DATE 04/09/2001		LOCALITA' – LOCATION MILANO		COMMESSA – JOB HSO/FIRST - DPU	
				RIF. - REF. 1916	
PUNTI ITEMS	ARGOMENTI DISCUSSI – DESCRIPTION OF DISCUSSION				AZIONE A CURA (1) ACTION BY (1)
1	The Meeting Agenda is the following: <ul style="list-style-type: none"> ▪ Presentation of Activities Status ▪ Open Points ▪ Any Other Business <p style="text-align: center;">Activities Status</p> CGS presents the Progress Meeting 3 Hand Out (attached as Annex 1). A short summary on the activities status, extracted from the Hand Out, is reported hereafter: <ul style="list-style-type: none"> ▪ CPU Board: Activities in line with the schedule ▪ PL I/F Board: A delay due to the unavailability of IFSI FSDL and LSL simulators is reported ▪ DC/DC Board: A delay of two weeks is reported due to delays in the Artwork Design ▪ Motherboard: A delay of one week is reported due to delays in the Artwork Design ▪ SW: A delay between one and two weeks is reported. This delay could be recovered by CGS. 				
2	<p style="text-align: center;">Open Points</p> <ul style="list-style-type: none"> ▪ Availability of IFSI FSDL and LSL simulators: IFSI reports that the simulators will be delivered within week 37. <p style="text-align: center;">Any Other Business</p> <ul style="list-style-type: none"> ▪ Power Consumption: SPIRE and PACS will not accept 26W for DPU power consumption. CGS to revise the DPU power budget (considering also the power consumption measured on the boards instead of the estimated). ▪ PACS will investigate with ESA about the possibility to increase the DC/DC converters frequency to try to improve the efficiency. 				AI #1 CGS 28/09/2001 AI #2 PACS 14/09/2001

(1) INDICARE IL NOMINATIVO RESPONSABILE DELL'AZIONE E DATA DI COMPLETAMENTO
(1) ACTUAL PERSONS RESPONSIBLE AND COMPLETION DATE SHALL BE SHOWN

 CARLO GAVAZZI CARLO GAVAZZI SPACE SpA		RELAZIONE DI RIUNIONE/VISITA NOTES OF MEETING/VISIT		N° DPU-MI-CGS-010	
				FOGLIO DI SHEET 3 OF 4	
DATA – DATE 04/09/2001		LOCALITA' – LOCATION MILANO		COMMESSA – JOB HSO/FIRST - DPU	
				RIF. - REF. 1916	
PUNTI ITEMS	ARGOMENTI DISCUSSI – DESCRIPTION OF DISCUSSION				AZIONE A CURA (1) ACTION BY (1)
	<ul style="list-style-type: none"> ▪ IFSI to provide CGS with the files of the latest versions of IIDs. ▪ PACS and IFSI strongly suggest to run acceptance tests at integrated level. ▪ CGS to verify if the shape of OP400 already ordered by Tecnologica (LCC leadless chip carrier) fits with CGS need or if it will be necessary to order a different shape (DIL dual in line or other). ▪ CGS to issue an ATP for FM remaining active parts (transistors and diodes). ▪ IFSI requests to CGS to provide a detailed schedule (same level of actual EM detailed schedule) also for QM and FM/FS, assuming relevant ATPs as by the contract: <ul style="list-style-type: none"> ▪ QM ATP: 15/11/2001 ▪ FM ATP: 15/12/2002 It is understood that these schedules will not take into account any major modification to the actual design. ▪ PACS recommends a close collaboration between IFSI and CGS to optimise activities, efficiency and overall schedule. ▪ IFSI and CGS confirm that different actions have been taken to set up a closer collaboration between IFSI and CGS, going through the IFSI participation on the integration phase and CGS assistance at SW integration at IFSI premises, if needed. ▪ During the visit in CGS laboratories, CGS shows the CPU board under testing trough emulator connected to DSP and the PL I/F board (under repairing for a chip replacement) 				AI #3 IFSI 14/09/2001 AI #4 CGS 07/09/2001 AI #5 CGS 14/09/2001 AI #6 CGS 07/09/2001

(1) INDICARE IL NOMINATIVO RESPONSABILE DELL'AZIONE E DATA DI COMPLETAMENTO
 (1) ACTUAL PERSONS RESPONSIBLE AND COMPLETION DATE SHALL BE SHOWN

 CARLO GAVAZZI CARLO GAVAZZI SPACE SpA		RELAZIONE DI RIUNIONE/VISITA NOTES OF MEETING/VISIT		N° DPU-MI-CGS-010	
DATA – DATE 04/09/2001		LOCALITA' – LOCATION MILANO		FOGLIO DI SHEET 4 OF 4	
COMMESSA – JOB HSO/FIRST - DPU		RIF. - REF. 1916			
PUNTI ITEMS	ARGOMENTI DISCUSSI – DESCRIPTION OF DISCUSSION			AZIONE A CURA (1) ACTION BY (1)	
	Review of Actions from Progress Meeting 2 (Ref. DPU-MI-CGS-015 dated 31/07/2001)				
	<ul style="list-style-type: none"> ▪ Item 6: Documentation Delivery <ul style="list-style-type: none"> ▪ IFSI to circulate CDR1 and CDR2 MOM: Closed ▪ CGS to provide the CDR presentation file: Closed ▪ CGS to provide IFSI the PM2 presentation: Closed ▪ Item 7: IFSI to update Test Plan: Open ▪ Item 8: HIFI, SPIRE and PACS PA managers to comment CGS PA Plan: Open ▪ NEW ACTION: IFSI to circulate the CGS DPU Product Assurance Plan. ▪ Item 9: Planning Review <ul style="list-style-type: none"> ▪ Line 3: SW CCSDS Delivery: CGS to replace word CCSDS with PKT TM/TC: Open ▪ CGS to update the planning and to provide the file to IFSI: Closed ▪ To add a Progress Meeting on 07/11/2001: Closed ▪ To add a Progress Meeting on 03/12/2001: Closed ▪ To provide a better visibility on SW: Closed ▪ Schedule optimisation: Closed ▪ Item 10: HIFI to provide to IFSI EIDP Definition: Closed ▪ NEW ACTION: IFSI to circulate the EIDP Definition received from HIFI ▪ Item 11: HIFI to review CGS EIDP contents: Open 			AI #7 IFSI 10/09/2001	
				AI #8 IFSI 10/09/2001	

(1) INDICARE IL NOMINATIVO RESPONSABILE DELL'AZIONE E DATA DI COMPLETAMENTO
 (1) ACTUAL PERSONS RESPONSIBLE AND COMPLETION DATE SHALL BE SHOWN