HISTORICAL RECORD

CONTRACTOR: Carlo Gavazzi Space S.p.A.
ITEM DESCRIPTION: RICH ASSY

MODEL: FM
PART N°/C.I. N°: 10-RICSYS-00.000/RICH-FM01

SERIAL N°: FM01

Seq. N°	ACTIVITIES DESCRIPTION	PROCEDURE REFERENCE	REPORT REFERENCE	OPERATOR	INSPECTOR	DATE	REMARKS
1	RICH B/B VACOFLUX 50 TEST	N.A.	RICSYS-RP-CGS-005 Is.1	E. COLLAVO	S. LEGRAMANDI	06/06/03	
2	RICH B/B THERMAL TEST	RICSYS-PR-CGS-001 Is.1	RICSYS-RP-CGS-001 Is.1	C. VETTORE	S. LEGRAMANDI	23/06/03	
3	RICH B/B VIBRATION TEST	RICSYS-PR-CGS-005 Is.1	RICSYS-RP-CGS-003 Is.1	R. ZAMBRA	S. LEGRAMANDI	27/06/03	
4	PMT (Q.TY 220) DELIVERY TO LPSC, FRANCE	N.A.	N.A.	G. SARDO	N.A.	07/07/03	SEE SHIPPING NOTE NR. 167
5	RICH SYSTEM PDR	N.A.	RICSYS-MI-CGS-002	ASI- CGS-INFN PERSONNEL	N.A.	25/07/03	
6	HOUSING SCREWS (Q.TY 1000) DELIVERY TO INFN, C/O LPSC, FRANCE	N.A.	N.A.	G. SARDO	N.A.	31/07/03	SEE SHIPPING NOTE NR. 185

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Seq. N°	ACTIVITIES DESCRIPTION	PROCEDURE REFERENCE	REPORT REFERENCE	OPERATOR	INSPECTOR	DATE	REMARKS
7	RICH SYSTEM CDR	N.A.	RICSYS-MI-CGS-003	ASI- CGS-INFN PERSONNEL	N.A.	03/11/03	
8	PMT (Q.TY 30) DELIVERY TO INFN, C/O LPSC, FRANCE	N.A.	N.A.	G. SARDO	N.A.	09/07/04	SEE SHIPPING NOTE NR. 221
9	DELIVERY OF GRIDS TO INFN BOLOGNA	N.A.	N.A.	G. SARDO	N.A.	24/09-02/08/05	SEE SHIPPING NOTES NR. 291, 297, 325, 335, 371, 274
10	SHIELDING ASSY DELIVERY TO INFN BOLOGNA	N.A.	N.A.	G. SARDO	N.A.	24/09/04-02/08/05	SEE SHIPPING NOTES NR. 291, 335, 274
11	RICH STRUCTURE ASSY P/N 12-RICSYS-50.000 DELIVERY TO INFN BOLOGNA	N.A.	N.A.	G. SARDO	N.A.	11/05/05	SEE SHIPPING NOTE NR. 146
12	FM RICH REFLECTOR INSPECTION	N.A.	RICSYS-MI-CGS-008	CGS- CMA PERSONNEL	N.A.	01-02/08/05	

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SERIAL N°: FM01

Seq. N°	ACTIVITIES DESCRIPTION	PROCEDURE REFERENCE	REPORT REFERENCE	OPERATOR	INSPECTOR	DATE	REMARKS
13	RICH FM MIRROR REFLECTIVITY TEST	N.A.	RICSYS-RP-CGS-017 Is.1	RICH SYSTEM TEAM	L. CREMONESI	29/08/05	
14	REFLECTOR ASSY DELIVERY TO ASI, C/O CIEMAT, SPAIN	N.A.	N.A.	G. SARDO	N.A.	06/10/05	SEE SHIPPING NOTE NR. 302
15	STRUCTURE BEAM ASSY + BOTTOM PLATE DELIVERY TO ASI, C/O CIEMAT, SPAIN	N.A.	N.A.	G. SARDO	N.A.	06/10/05	SEE SHIPPING NOTE NR. 366
16	AEROGEL PACKING P/N 11-RICSYS-10.018 DELIVERY TO ASI, C/O CIEMAT, SPAIN	N.A.	N.A.	G. SARDO	N.A.	06/10/05	SEE SHIPPING NOTE NR. 366
17	HEATERS DELIVERY TO CGS AND INCOMING INSPECTION	N.A.	N.A.	N.A.	L. DE BERNARDI	10/01/06	
18	DELIVERY OF VENTING THREADED BLOCK OUTLET AND INLET, RELIEF VALVES, OUTLET FILTERS TO INFN, C/O CIEMAT, SPAIN	N.A.	N.A.	G. SARDO	N.A.	12/01-04/05/06	SEE SHIPPING NOTES NR. 006, 201

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Seq. N°	ACTIVITIES DESCRIPTION	PROCEDURE REFERENCE	REPORT REFERENCE	OPERATOR	INSPECTOR	DATE	REMARKS
19	THERMOSTATS DELIVERY TO CGS AND INCOMING INSPECTION	N.A.	N.A.	N.A.	L. DE BERNARDI	16/03/06	
20	DELIVERY OF COLUMBUS OPTIMAL BLACK TO ASI, C/O CIEMAT, SPAIN	N.A.	N.A.	M. OLIVIER	N.A.	15/09/06	SEE SHIPPING NOTE NR. 389
21	FM RICH REFLECTOR ACCEPTANCE	N.A.	SEE FAX IN SECTION 32	ASI- CGS PERSONNEL	N.A.	18/10/06	
22	FM RICH HEATERS INSTALLATION	RICSYS-TN-CGS-003	RICSYS-MI-CGS-021	P. LOBASCIO	N.A.	19-20/07/2007	
23	FM RICH THERMOSTATS INSTALLATION	RICSYS-TN-CGS-003	RICSYS-MI-CGS-021	P. LOBASCIO	N.A.	01-02/08/2007	
24	FM RICH VIBRATION TEST READINESS REVIEW	N.A.	RICSYS-MI-CGS-025	M. OLIVIER	N.A.	09/10/2007	
24	FM RICH VIBRATION TEST (1st RUN)	RICHSYS-PR-CGS-007	RICHSYS-RP-CGS-022	A. BURSI	N.A.	19/10/2007	

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26	RICH BOTTOM MLI FM INTEGRATION		RICHSYS-MI-CGS-026	M. GIACOMAZZO	N.A.	07/11/2007	
27	FM RICH VIBRATION TEST (2nd RUN)	RICHSYS-PR-CGS-007	RICHSYS-RP-CGS-022	M. OLIVIER	N.A.	13/12/2007	

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