

Matériel : <u>TEST HARNAIS PSU SPIRE HERSCHEL</u>	Client : <u>CEA</u>
Dossier Client Réf. :	du
Dossier CAMERIN Réf. : <u>06H026 - 19373</u>	du <u>16/11/06</u>


Objet : Réalisation du test électrique du harnais en fin de fabrication.

Document applicable/référence (Désignation)	Référence	Ed.	Rév.
<u>Test Procedure for HERSCHEL SPIRE DC HARNESS</u>	<u>06H026/PR/DHN/1401/06</u>	<u>00</u>	<u>3/11/06</u>
<u>Mesure de caractérisation du harnais PSU SPIRE HERSCHEL (compte rendu TRR)</u>	<u>06H026/MN/JCU/1421/06</u>	<u>00</u>	<u>15/11/06</u>

Matériel utilisé (préciser le type d'appareil)	Référence	Date de validité
Testeur automatique : <u>SN: TAU 003</u>	<u>WEE W453</u>	<u>12/2007</u>
Microhmmètre : <u>SN: MIC 001</u>	<u>AOIP 0M21</u>	<u>02/2007</u>
Rallonges de test : <u>m° 26, m° 30, m° 39, m° 40</u>	<u>DBMA 253 NMB, DBMA 25P NMB</u>	<u>12/2007</u>
Balance : <u>SN: BAL 001</u>	<u>SARTORIUS</u>	<u>11/06</u>
Autre :		

Contrôles effectués		Statut (**)	Commentaires
Type	Critère	C / PC / NC / NA	Commentaires et/ou liste des FNC, RC, ...
- Continuité - Auto/Manuel (*)	<u>< 5 Ω (100 mA)</u>	<input checked="" type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>	
- Isolement - Auto/Manuel (*)	<u>≥ 100 MΩ (500 V)</u>	<input checked="" type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>	
- Résistance en ligne (Manuel)	Méthode 4 fils sous <u>1 A</u>	<input checked="" type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>	
- Inspection connecteurs après déconnexion		<input checked="" type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>	
- Nombre de connexions / déconnexions	(<u>≤ 1</u>)	<input checked="" type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>	Nb max pour l'ens. du harnais : <u>3</u>
- Masse du harnais	(<u>< _____</u>)	<input checked="" type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>	Valeur mesurée : <u>1,739 Kg</u>
→ Résultats du testeur automatique : Annexe 1 / NA (*)		(*) : rayer la mention inutile	
→ Résultats des mesures 4 fils : Annexe 2 / NA (*)		(**) : Conforme / Partiellement Conforme / Non-conforme / NA	

Conclusion : Conforme.

CONTROLE CAMERIN (Nom, date et tampon) <u>20.11.2006</u> <u>PH. DELOUPY</u> 	Visa Client (éventuel) (Nom, date et visa)
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Annexe 1 (1/8)

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SCHAFFNER ELECTROTEST TEST SYSTEM W453

Test program : Test complet de continuité et d'isolement du harnais DC
d'HERSCHEL Spire

File name : PT_continuite_isol
Date/time : 17/11/2006 16:35:45

Conn.	DCU-P01_2	DPU-P07_2	@L1.555 Ohm	[11]
Conn.	DCU-P01_15	DPU-P07_15	@L1.550 Ohm	[12]
Conn.	DCU-P01_3	DPU-P07_3	@L1.526 Ohm	[13]
Conn.	DCU-P01_16	DPU-P07_16	@L1.449 Ohm	[14]
Conn.	DCU-P01_4	DPU-P07_4	@L1.534 Ohm	[15]
Conn.	DCU-P01_17	DPU-P07_17	@L1.644 Ohm	[16]
Conn.	DCU-P01_8	DPU-P07_8	@L1.530 Ohm	[17]
Conn.	DCU-P01_21	DPU-P07_21	@L1.565 Ohm	[18]
Conn.	DCU-P01_10	DPU-P07_10	@L2.200 Ohm	[19]
Conn.	DCU-P01_22	DPU-P07_22	@L2.333 Ohm	[20]
Conn.	DCU-P01_11	DPU-P07_11	@L1.691 Ohm	[21]
Conn.	DCU-P01_24	DPU-P07_24	@L1.574 Ohm	[22]
Conn.	DCU-P01_CAP	DPU-P07_CAP	@L1.287 Ohm	[23]
Conn.	DCU-P02_2	DPU-P10_2	@L1.588 Ohm	[24]
Conn.	DCU-P02_15	DPU-P10_15	@L1.762 Ohm	[25]
Conn.	DCU-P02_3	DPU-P10_3	@L1.484 Ohm	[26]
Conn.	DCU-P02_16	DPU-P10_16	@L1.719 Ohm	[27]
Conn.	DCU-P02_4	DPU-P10_4	@L1.618 Ohm	[28]
Conn.	DCU-P02_17	DPU-P10_17	@L1.574 Ohm	[29]
Conn.	DCU-P02_8	DPU-P10_8	@L2.851 Ohm	[30]
Conn.	DCU-P02_21	DPU-P10_21	@L1.400 Ohm	[31]
Conn.	DCU-P02_10	DPU-P10_10	@L1.564 Ohm	[32]
Conn.	DCU-P02_22	DPU-P10_22	@L1.473 Ohm	[33]
Conn.	DCU-P02_11	DPU-P10_11	@L1.468 Ohm	[34]
Conn.	DCU-P02_24	DPU-P10_24	@L1.507 Ohm	[35]
Conn.	DCU-P02_CAP	DPU-P10_CAP	@L1.306 Ohm	[36]
Conn.	SCU-P03_4	DPU-P09_4	@L1.333 Ohm	[37]
Conn.	SCU-P03_17	DPU-P09_17	@L1.274 Ohm	[38]
Conn.	SCU-P03_8	DPU-P09_8	@L1.330 Ohm	[39]
Conn.	SCU-P03_21	DPU-P09_21	@L1.891 Ohm	[40]
Conn.	SCU-P03_10	DPU-P09_10	@L2.033 Ohm	[41]
Conn.	SCU-P03_22	DPU-P09_22	@L1.184 Ohm	[42]
Conn.	SCU-P03_11	DPU-P09_11	@L1.258 Ohm	[43]
Conn.	SCU-P03_24	DPU-P09_24	@L1.190 Ohm	[44]
Conn.	SCU-P03_2	DPU-P09_2	@L1.220 Ohm	[45]
Conn.	SCU-P03_15	DPU-P09_15	@L2.558 Ohm	[46]
Conn.	SCU-P03_3	DPU-P09_3	@L1.575 Ohm	[47]
Conn.	SCU-P03_16	DPU-P09_16	@L1.288 Ohm	[48]
Conn.	SCU-P03_CAP	DPU-P09_CAP	@L1.031 Ohm	[49]
Conn.	SCU-P04_4	DPU-P12_4	@L1.680 Ohm	[50]
Conn.	SCU-P04_17	DPU-P12_17	@L1.415 Ohm	[51]
Conn.	SCU-P04_8	DPU-P12_8	@L1.323 Ohm	[52]
Conn.	SCU-P04_21	DPU-P12_21	@L1.213 Ohm	[53]
Conn.	SCU-P04_10	DPU-P12_10	@L1.621 Ohm	[54]
Conn.	SCU-P04_22	DPU-P12_22	@L1.234 Ohm	[55]
Conn.	SCU-P04_11	DPU-P12_11	@L1.230 Ohm	[56]
Conn.	SCU-P04_24	DPU-P12_24	@L1.227 Ohm	[57]
Conn.	SCU-P04_2	DPU-P12_2	@L1.264 Ohm	[58]
Conn.	SCU-P04_15	DPU-P12_15	@L1.312 Ohm	[59]
Conn.	SCU-P04_3	DPU-P12_3	@L1.580 Ohm	[60]
Conn.	SCU-P04_16	DPU-P12_16	@L1.615 Ohm	[61]
Conn.	SCU-P04_CAP	DPU-P12_CAP	@L1.219 Ohm	[62]
Conn.	MCU-P01_2	DPU-P08_2	@L1.654 Ohm	[63]
Conn.	MCU-P01_15	DPU-P08_15	@L1.320 Ohm	[64]
Conn.	MCU-P01_1	DPU-P08_1	@L1.245 Ohm	[65]
Conn.	MCU-P01_3	DPU-P08_3	@L1.450 Ohm	[66]
Conn.	MCU-P01_16	DPU-P08_16	@L1.553 Ohm	[67]
Conn.	MCU-P01_14	DPU-P08_14	@L1.745 Ohm	[68]
Conn.	MCU-P01_4	DPU-P08_4	@L1.492 Ohm	[69]

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Conn.	MCU-P01_17	DPU-P08_17	@L1.335 Ohm	[70]
Conn.	MCU-P01_5	DPU-P08_5	@L1.289 Ohm	[71]
Conn.	MCU-P01_8	DPU-P08_8	@L1.934 Ohm	[72]
Conn.	MCU-P01_21	DPU-P08_21	@L1.383 Ohm	[73]
Conn.	MCU-P01_9	DPU-P08_9	@L1.328 Ohm	[74]
Conn.	MCU-P01_10	DPU-P08_10	@L1.248 Ohm	[75]
Conn.	MCU-P01_22	DPU-P08_22	@L1.430 Ohm	[76]
Conn.	MCU-P01_23	DPU-P08_23	@L1.134 Ohm	[77]
Conn.	MCU-P01_11	DPU-P08_11	@L1.370 Ohm	[78]
Conn.	MCU-P01_24	DPU-P08_24	@L1.254 Ohm	[79]
Conn.	MCU-P01_12	DPU-P08_12	@L2.086 Ohm	[80]
Conn.	MCU-P01_CAP	DPU-P08_CAP	@L1.341 Ohm	[81]
Conn.	MCU-P02_2	DPU-P011_2	@L1.426 Ohm	[82]
Conn.	MCU-P02_15	DPU-P011_15	@L1.304 Ohm	[83]
Conn.	MCU-P02_1	DPU-P011_1	@L1.536 Ohm	[84]
Conn.	MCU-P02_3	DPU-P011_3	@L1.372 Ohm	[85]
Conn.	MCU-P02_16	DPU-P011_16	@L1.250 Ohm	[86]
Conn.	MCU-P02_14	DPU-P011_14	@L1.275 Ohm	[87]
Conn.	MCU-P02_4	DPU-P011_4	@L1.775 Ohm	[88]
Conn.	MCU-P02_17	DPU-P011_17	@L1.337 Ohm	[89]
Conn.	MCU-P02_5	DPU-P011_5	@L2.207 Ohm	[90]
Conn.	MCU-P02_8	DPU-P011_8	@L1.597 Ohm	[91]
Conn.	MCU-P02_21	DPU-P011_21	@L1.270 Ohm	[92]
Conn.	MCU-P02_9	DPU-P011_9	@L1.231 Ohm	[93]
Conn.	MCU-P02_10	DPU-P011_10	@L1.636 Ohm	[94]
Conn.	MCU-P02_22	DPU-P011_22	@L1.364 Ohm	[95]
Conn.	MCU-P02_23	DPU-P011_23	@L1.206 Ohm	[96]
Conn.	MCU-P02_11	DPU-P011_11	@L1.315 Ohm	[97]
Conn.	MCU-P02_24	DPU-P011_24	@L1.450 Ohm	[98]
Conn.	MCU-P02_12	DPU-P011_12	@L1.220 Ohm	[99]
Conn.	MCU-P02_CAP	DPU-P011_CAP	@L1.208 Ohm	[100]
Conn.	DCU-P03_1	PSU-P07_1	@L1.115 Ohm	[101]
Conn.	DCU-P03_2	PSU-P07_2	@L1.090 Ohm	[102]
Conn.	DCU-P03_3	PSU-P07_3	@L1.195 Ohm	[103]
Conn.	DCU-P03_14	PSU-P07_14	@L2.135 Ohm	[104]
Conn.	DCU-P03_16	PSU-P07_16	@L1.110 Ohm	[105]
Conn.	DCU-P03_4	PSU-P07_4	@L1.215 Ohm	[106]
Conn.	DCU-P03_5	PSU-P07_5	@L1.215 Ohm	[107]
Conn.	DCU-P03_6	PSU-P07_6	@L1.275 Ohm	[108]
Conn.	DCU-P03_17	PSU-P07_17	@L1.152 Ohm	[109]
Conn.	DCU-P03_19	PSU-P07_19	@L1.337 Ohm	[110]
Conn.	DCU-P03_7	PSU-P07_7	@L1.150 Ohm	[111]
Conn.	DCU-P03_8	PSU-P07_8	@L1.102 Ohm	[112]
Conn.	DCU-P03_9	PSU-P07_9	@L1.083 Ohm	[113]
Conn.	DCU-P03_20	PSU-P07_20	@L1.280 Ohm	[114]
Conn.	DCU-P03_22	PSU-P07_22	@L1.230 Ohm	[115]
Conn.	DCU-P03_10	PSU-P07_10	@L1.115 Ohm	[116]
Conn.	DCU-P03_23	PSU-P07_23	@L1.172 Ohm	[117]
Conn.	DCU-P03_11	PSU-P07_11	@L1.154 Ohm	[118]
Conn.	DCU-P03_24	PSU-P07_24	@L1.237 Ohm	[119]
Conn.	DCU-P03_12	PSU-P07_12	@L1.705 Ohm	[120]
Conn.	DCU-P03_25	PSU-P07_25	@L1.210 Ohm	[121]
Conn.	DCU-P03_CAP	PSU-P07_CAP	@L1.270 Ohm	[122]
Conn.	DCU-P04_1	PSU-P08_1	@L1.375 Ohm	[123]
Conn.	DCU-P04_2	PSU-P08_2	@L1.360 Ohm	[124]
Conn.	DCU-P04_3	PSU-P08_3	@L1.302 Ohm	[125]
Conn.	DCU-P04_14	PSU-P08_14	@L1.440 Ohm	[126]
Conn.	DCU-P04_16	PSU-P08_16	@L1.115 Ohm	[127]
Conn.	DCU-P04_4	PSU-P08_4	@L1.246 Ohm	[128]
Conn.	DCU-P04_5	PSU-P08_5	@L1.190 Ohm	[129]
Conn.	DCU-P04_6	PSU-P08_6	@L1.066 Ohm	[130]
Conn.	DCU-P04_17	PSU-P08_17	@L1.254 Ohm	[131]
Conn.	DCU-P04_19	PSU-P08_19	@L1.126 Ohm	[132]
Conn.	DCU-P04_7	PSU-P08_7	@L1.268 Ohm	[133]
Conn.	DCU-P04_8	PSU-P08_8	@L1.185 Ohm	[134]
Conn.	DCU-P04_9	PSU-P08_9	@L2.000 Ohm	[135]
Conn.	DCU-P04_20	PSU-P08_20	@L1.235 Ohm	[136]
Conn.	DCU-P04_22	PSU-P08_22	@L1.205 Ohm	[137]
Conn.	DCU-P04_10	PSU-P08_10	@L1.240 Ohm	[138]

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Conn.	DCU-P04_23	PSU-P08_23	@L1.252 Ohm	[139]
Conn.	DCU-P04_11	PSU-P08_11	@L1.126 Ohm	[140]
Conn.	DCU-P04_24	PSU-P08_24	@L1.095 Ohm	[141]
Conn.	DCU-P04_12	PSU-P08_12	@L2.184 Ohm	[142]
Conn.	DCU-P04_25	PSU-P08_25	@L1.920 Ohm	[143]
Conn.	DCU-P04_CAP	PSU-P08_CAP	@L1.650 Ohm	[144]

HVDC Test

DC-NCL	DPU-P07_1	@L12.03GOhm
DC-NCL	DPU-P07_2	@L12.60GOhm
DC-NCL	DPU-P07_3	@L18.29GOhm
DC-NCL	DPU-P07_4	@L21.19GOhm
DC-NCL	DPU-P07_5	@L25.40GOhm
DC-NCL	DPU-P07_6	@L29.09GOhm
DC-NCL	DPU-P07_7	@L30.19GOhm
DC-NCL	DPU-P07_8	@L28.32GOhm
DC-NCL	DPU-P07_9	@L32.99GOhm
DC-NCL	DPU-P07_10	@L29.09GOhm
DC-NCL	DPU-P07_11	@L30.77GOhm
DC-NCL	DPU-P07_12	@L40.00GOhm
DC-NCL	DPU-P07_13	@L35.96GOhm
DC-NCL	DPU-P07_14	@L19.63GOhm
DC-NCL	DPU-P07_15	@L24.43GOhm
DC-NCL	DPU-P07_16	@L25.20GOhm
DC-NCL	DPU-P07_17	@L28.83GOhm
DC-NCL	DPU-P07_18	@L41.03GOhm
DC-NCL	DPU-P07_19	@L43.24GOhm
DC-NCL	DPU-P07_20	@L41.03GOhm
DC-NCL	DPU-P07_21	@L34.78GOhm
DC-NCL	DPU-P07_22	@L30.19GOhm
DC-NCL	DPU-P07_23	@L41.56GOhm
DC-NCL	DPU-P07_24	@L32.65GOhm
DC-NCL	DPU-P07_25	@L41.56GOhm
DC-NCL	DPU-P07_CAP	@L31.68GOhm
DC-NCL	DPU-P10_1	@L38.10GOhm
DC-NCL	DPU-P10_2	@L23.53GOhm
DC-NCL	DPU-P10_3	@L39.02GOhm
DC-NCL	DPU-P10_4	@L36.36GOhm
DC-NCL	DPU-P10_5	@L>50.00GOhm
DC-NCL	DPU-P10_6	@L47.06GOhm
DC-NCL	DPU-P10_7	@L37.65GOhm
DC-NCL	DPU-P10_8	@L37.21GOhm
DC-NCL	DPU-P10_9	@L>50.00GOhm
DC-NCL	DPU-P10_10	@L38.10GOhm
DC-NCL	DPU-P10_11	@L35.16GOhm
DC-NCL	DPU-P10_12	@L47.06GOhm
DC-NCL	DPU-P10_13	@L45.71GOhm
DC-NCL	DPU-P10_14	@L25.81GOhm
DC-NCL	DPU-P10_15	@L29.36GOhm
DC-NCL	DPU-P10_16	@L27.83GOhm
DC-NCL	DPU-P10_17	@L35.96GOhm
DC-NCL	DPU-P10_18	@L49.23GOhm
DC-NCL	DPU-P10_19	@L50.00GOhm
DC-NCL	DPU-P10_20	@L47.76GOhm
DC-NCL	DPU-P10_21	@L16.08GOhm
DC-NCL	DPU-P10_22	@L38.10GOhm
DC-NCL	DPU-P10_23	@L47.06GOhm
DC-NCL	DPU-P10_24	@L36.36GOhm
DC-NCL	DPU-P10_25	@L48.48GOhm
DC-NCL	DPU-P10_CAP	@L29.91GOhm
DC-NCL	DPU-P09_1	@L45.07GOhm
DC-NCL	DPU-P09_2	@L35.96GOhm
DC-NCL	DPU-P09_3	@L43.84GOhm
DC-NCL	DPU-P09_4	@L40.51GOhm
DC-NCL	DPU-P09_5	@L47.76GOhm
DC-NCL	DPU-P09_6	@L>50.00GOhm
DC-NCL	DPU-P09_7	@L47.76GOhm
DC-NCL	DPU-P09_8	@L44.44GOhm

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DC-NCL	DPU-P09_9	@L49.23Gohm
DC-NCL	DPU-P09_10	@L41.03Gohm
DC-NCL	DPU-P09_11	@L43.24Gohm
DC-NCL	DPU-P09_12	@L48.48Gohm
DC-NCL	DPU-P09_13	@L>50.00Gohm
DC-NCL	DPU-P09_14	@L31.37Gohm
DC-NCL	DPU-P09_15	@L37.21Gohm
DC-NCL	DPU-P09_16	@L41.03Gohm
DC-NCL	DPU-P09_17	@L39.51Gohm
DC-NCL	DPU-P09_18	@L19.05Gohm
DC-NCL	DPU-P09_19	@L>50.00Gohm
DC-NCL	DPU-P09_20	@L>50.00Gohm
DC-NCL	DPU-P09_21	@L40.51Gohm
DC-NCL	DPU-P09_22	@L41.03Gohm
DC-NCL	DPU-P09_23	@L>50.00Gohm
DC-NCL	DPU-P09_24	@L40.00Gohm
DC-NCL	DPU-P09_25	@L50.00Gohm
DC-NCL	DPU-P09_CAP	@L42.67Gohm
DC-NCL	DPU-P12_1	@L46.38Gohm
DC-NCL	DPU-P12_2	@L41.56Gohm
DC-NCL	DPU-P12_3	@L47.06Gohm
DC-NCL	DPU-P12_4	@L45.71Gohm
DC-NCL	DPU-P12_5	@L>50.00Gohm
DC-NCL	DPU-P12_6	@L>50.00Gohm
DC-NCL	DPU-P12_7	@L>50.00Gohm
DC-NCL	DPU-P12_8	@L44.44Gohm
DC-NCL	DPU-P12_9	@L>50.00Gohm
DC-NCL	DPU-P12_10	@L45.71Gohm
DC-NCL	DPU-P12_11	@L43.84Gohm
DC-NCL	DPU-P12_12	@L47.76Gohm
DC-NCL	DPU-P12_13	@L>50.00Gohm
DC-NCL	DPU-P12_14	@L35.16Gohm
DC-NCL	DPU-P12_15	@L39.02Gohm
DC-NCL	DPU-P12_16	@L39.02Gohm
DC-NCL	DPU-P12_17	@L39.51Gohm
DC-NCL	DPU-P12_18	@L48.48Gohm
DC-NCL	DPU-P12_19	@L>50.00Gohm
DC-NCL	DPU-P12_20	@L>50.00Gohm
DC-NCL	DPU-P12_21	@L42.11Gohm
DC-NCL	DPU-P12_22	@L43.24Gohm
DC-NCL	DPU-P12_23	@L>50.00Gohm
DC-NCL	DPU-P12_24	@L46.38Gohm
DC-NCL	DPU-P12_25	@L>50.00Gohm
DC-NCL	DPU-P12_CAP	@L43.24Gohm
DC-NCL	1.DU	@L>50.00Gohm
DC-NCL	1.DV	@L>50.00Gohm
DC-NCL	1.DW	@L>50.00Gohm
DC-NCL	1.DX	@L>50.00Gohm
DC-NCL	1.DY	@L>50.00Gohm
DC-NCL	1.DZ	@L>50.00Gohm
DC-NCL	1.EA	@L>50.00Gohm
DC-NCL	1.EB	@L>50.00Gohm
DC-NCL	1.EC	@L>50.00Gohm
DC-NCL	1.ED	@L>50.00Gohm
DC-NCL	1.EE	@L>50.00Gohm
DC-NCL	1.EF	@L>50.00Gohm
DC-NCL	1.EH	@L>50.00Gohm
DC-NCL	1.EJ	@L>50.00Gohm
DC-NCL	1.EK	@L>50.00Gohm
DC-NCL	1.EL	@L>50.00Gohm
DC-NCL	DPU-P08_1	@L39.51Gohm
DC-NCL	DPU-P08_2	@L35.96Gohm
DC-NCL	DPU-P08_3	@L47.06Gohm
DC-NCL	DPU-P08_4	@L45.71Gohm
DC-NCL	DPU-P08_5	@L29.36Gohm
DC-NCL	DPU-P08_6	@L>50.00Gohm
DC-NCL	DPU-P08_7	@L>50.00Gohm
DC-NCL	DPU-P08_8	@L42.67Gohm
DC-NCL	DPU-P08_9	@L31.37Gohm

Herschel.txt

DC-NCL	DPU-P08_10	@L44.44Gohm
DC-NCL	DPU-P08_11	@L44.44Gohm
DC-NCL	DPU-P08_12	@L29.09Gohm
DC-NCL	DPU-P08_13	@L>50.00Gohm
DC-NCL	DPU-P08_14	@L30.48Gohm
DC-NCL	DPU-P08_15	@L36.78Gohm
DC-NCL	DPU-P08_16	@L38.10Gohm
DC-NCL	DPU-P08_17	@L40.00Gohm
DC-NCL	DPU-P08_18	@L>50.00Gohm
DC-NCL	DPU-P08_19	@L>50.00Gohm
DC-NCL	DPU-P08_20	@L42.11Gohm
DC-NCL	DPU-P08_21	@L40.00Gohm
DC-NCL	DPU-P08_22	@L45.07Gohm
DC-NCL	DPU-P08_23	@L28.32Gohm
DC-NCL	DPU-P08_24	@L35.96Gohm
DC-NCL	DPU-P08_25	@L>50.00Gohm
DC-NCL	DPU-P08_CAP	@L43.84Gohm
DC-NCL	DPU-P011_1	@L47.76Gohm
DC-NCL	DPU-P011_2	@L35.56Gohm
DC-NCL	DPU-P011_3	@L47.06Gohm
DC-NCL	DPU-P011_4	@L45.07Gohm
DC-NCL	DPU-P011_5	@L34.41Gohm
DC-NCL	DPU-P011_6	@L>50.00Gohm
DC-NCL	DPU-P011_7	@L>50.00Gohm
DC-NCL	DPU-P011_8	@L43.24Gohm
DC-NCL	DPU-P011_9	@L29.63Gohm
DC-NCL	DPU-P011_10	@L42.11Gohm
DC-NCL	DPU-P011_11	@L47.06Gohm
DC-NCL	DPU-P011_12	@L32.65Gohm
DC-NCL	DPU-P011_13	@L>50.00Gohm
DC-NCL	DPU-P011_14	@L28.83Gohm
DC-NCL	DPU-P011_15	@L37.65Gohm
DC-NCL	DPU-P011_16	@L34.04Gohm
DC-NCL	DPU-P011_17	@L>50.00Gohm
DC-NCL	DPU-P011_18	@L>50.00Gohm
DC-NCL	DPU-P011_19	@L>50.00Gohm
DC-NCL	DPU-P011_20	@L>50.00Gohm
DC-NCL	DPU-P011_21	@L40.51Gohm
DC-NCL	DPU-P011_22	@L46.38Gohm
DC-NCL	DPU-P011_23	@L27.35Gohm
DC-NCL	DPU-P011_24	@L38.55Gohm
DC-NCL	DPU-P011_25	@L>50.00Gohm
DC-NCL	DPU-P011_CAP	@L43.84Gohm
DC-NCL	DCU-P03_1	@L48.48Gohm
DC-NCL	DCU-P03_2	@L47.76Gohm
DC-NCL	DCU-P03_3	@L47.06Gohm
DC-NCL	DCU-P03_4	@L45.71Gohm
DC-NCL	DCU-P03_5	@L47.06Gohm
DC-NCL	DCU-P03_6	@L42.67Gohm
DC-NCL	DCU-P03_7	@L46.38Gohm
DC-NCL	DCU-P03_8	@L44.44Gohm
DC-NCL	DCU-P03_9	@L38.55Gohm
DC-NCL	DCU-P03_10	@L44.44Gohm
DC-NCL	DCU-P03_11	@L42.67Gohm
DC-NCL	DCU-P03_12	@L42.11Gohm
DC-NCL	DCU-P03_13	@L49.23Gohm
DC-NCL	DCU-P03_14	@L50.00Gohm
DC-NCL	DCU-P03_15	@L47.06Gohm
DC-NCL	DCU-P03_16	@L44.44Gohm
DC-NCL	DCU-P03_17	@L41.03Gohm
DC-NCL	DCU-P03_18	@L>50.00Gohm
DC-NCL	DCU-P03_19	@L42.11Gohm
DC-NCL	DCU-P03_20	@L43.24Gohm
DC-NCL	DCU-P03_21	@L47.76Gohm
DC-NCL	DCU-P03_22	@L47.76Gohm
DC-NCL	DCU-P03_23	@L41.03Gohm
DC-NCL	DCU-P03_24	@L42.67Gohm
DC-NCL	DCU-P03_25	@L40.51Gohm
DC-NCL	DCU-P03_CAP	@L41.03Gohm

Herschel.txt

DC-NCL	DCU-P04_1	@L>50.00Gohm
DC-NCL	DCU-P04_2	@L50.00Gohm
DC-NCL	DCU-P04_3	@L49.23Gohm
DC-NCL	DCU-P04_4	@L43.84Gohm
DC-NCL	DCU-P04_5	@L38.55Gohm
DC-NCL	DCU-P04_6	@L45.71Gohm
DC-NCL	DCU-P04_7	@L40.51Gohm
DC-NCL	DCU-P04_8	@L45.07Gohm
DC-NCL	DCU-P04_9	@L37.65Gohm
DC-NCL	DCU-P04_10	@L43.24Gohm
DC-NCL	DCU-P04_11	@L40.00Gohm
DC-NCL	DCU-P04_12	@L43.84Gohm
DC-NCL	DCU-P04_13	@L47.06Gohm
DC-NCL	DCU-P04_14	@L43.84Gohm
DC-NCL	DCU-P04_15	@L46.38Gohm
DC-NCL	DCU-P04_16	@L40.51Gohm
DC-NCL	DCU-P04_17	@L36.36Gohm
DC-NCL	DCU-P04_18	@L>50.00Gohm
DC-NCL	DCU-P04_19	@L36.78Gohm
DC-NCL	DCU-P04_20	@L46.38Gohm
DC-NCL	DCU-P04_21	@L47.76Gohm
DC-NCL	DCU-P04_22	@L42.11Gohm
DC-NCL	DCU-P04_23	@L47.06Gohm
DC-NCL	DCU-P04_24	@L47.06Gohm
DC-NCL	DCU-P04_25	@L39.02Gohm
DC-NCL	DCU-P04_CAP	@L37.65Gohm
DC-NCL	2.DU	@L>50.00Gohm
DC-NCL	2.DV	@L>50.00Gohm
DC-NCL	2.DW	@L>50.00Gohm
DC-NCL	2.DX	@L>50.00Gohm
DC-NCL	2.DY	@L>50.00Gohm
DC-NCL	2.DZ	@L>50.00Gohm
DC-NCL	2.EA	@L>50.00Gohm
DC-NCL	2.EB	@L>50.00Gohm
DC-NCL	2.EC	@L>50.00Gohm
DC-NCL	2.ED	@L>50.00Gohm
DC-NCL	2.EE	@L48.48Gohm
DC-NCL	2.EF	@L>50.00Gohm
DC-NCL	2.EH	@L>50.00Gohm
DC-NCL	2.EJ	@L>50.00Gohm
DC-NCL	2.EK	@L>50.00Gohm
DC-NCL	2.EL	@L>50.00Gohm
DC-NCL	DCU-P01_1	@L49.23Gohm
DC-NCL	DCU-P01_5	@L19.39Gohm
DC-NCL	DCU-P01_6	@L>50.00Gohm
DC-NCL	DCU-P01_7	@L>50.00Gohm
DC-NCL	DCU-P01_9	@L17.20Gohm
DC-NCL	DCU-P01_12	@L18.93Gohm
DC-NCL	DCU-P01_13	@L>50.00Gohm
DC-NCL	DCU-P01_14	@L>50.00Gohm
DC-NCL	DCU-P01_18	@L>50.00Gohm
DC-NCL	DCU-P01_19	@L>50.00Gohm
DC-NCL	DCU-P01_20	@L>50.00Gohm
DC-NCL	DCU-P01_23	@L15.02Gohm
DC-NCL	DCU-P01_25	@L>50.00Gohm
DC-NCL	DCU-P02_1	@L>50.00Gohm
DC-NCL	DCU-P02_5	@L19.28Gohm
DC-NCL	DCU-P02_6	@L48.48Gohm
DC-NCL	DCU-P02_7	@L>50.00Gohm
DC-NCL	DCU-P02_9	@L19.88Gohm
DC-NCL	DCU-P02_12	@L19.88Gohm
DC-NCL	DCU-P02_13	@L>50.00Gohm
DC-NCL	DCU-P02_14	@L50.00Gohm
DC-NCL	DCU-P02_18	@L>50.00Gohm
DC-NCL	DCU-P02_19	@L>50.00Gohm
DC-NCL	DCU-P02_20	@L>50.00Gohm
DC-NCL	DCU-P02_23	@L18.39Gohm
DC-NCL	DCU-P02_25	@L>50.00Gohm
DC-NCL	SCU-P03_1	@L>50.00Gohm

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DC-NCL	SCU-P03_5	@L25.60Gohm
DC-NCL	SCU-P03_6	@L>50.00Gohm
DC-NCL	SCU-P03_7	@L50.00Gohm
DC-NCL	SCU-P03_9	@L31.07Gohm
DC-NCL	SCU-P03_12	@L30.77Gohm
DC-NCL	SCU-P03_13	@L>50.00Gohm
DC-NCL	SCU-P03_14	@L>50.00Gohm
DC-NCL	SCU-P03_18	@L>50.00Gohm
DC-NCL	SCU-P03_19	@L>50.00Gohm
DC-NCL	SCU-P03_20	@L>50.00Gohm
DC-NCL	SCU-P03_23	@L30.48Gohm
DC-NCL	SCU-P03_25	@L15.17Gohm
DC-NCL	SCU-P04_1	@L>50.00Gohm
DC-NCL	SCU-P04_5	@L32.32Gohm
DC-NCL	SCU-P04_6	@L>50.00Gohm
DC-NCL	SCU-P04_7	@L47.76Gohm
DC-NCL	SCU-P04_9	@L34.04Gohm
DC-NCL	SCU-P04_12	@L32.65Gohm
DC-NCL	SCU-P04_13	@L>50.00Gohm
DC-NCL	SCU-P04_14	@L46.38Gohm
DC-NCL	SCU-P04_18	@L>50.00Gohm
DC-NCL	SCU-P04_19	@L>50.00Gohm
DC-NCL	SCU-P04_20	@L>50.00Gohm
DC-NCL	SCU-P04_23	@L32.00Gohm
DC-NCL	SCU-P04_25	@L>50.00Gohm
DC-NCL	3.DU	@L>50.00Gohm
DC-NCL	3.DV	@L>50.00Gohm
DC-NCL	3.DW	@L>50.00Gohm
DC-NCL	3.DX	@L>50.00Gohm
DC-NCL	3.DY	@L>50.00Gohm
DC-NCL	3.DZ	@L>50.00Gohm
DC-NCL	3.EA	@L>50.00Gohm
DC-NCL	3.EB	@L>50.00Gohm
DC-NCL	3.EC	@L>50.00Gohm
DC-NCL	3.ED	@L>50.00Gohm
DC-NCL	3.EE	@L>50.00Gohm
DC-NCL	3.EF	@L>50.00Gohm
DC-NCL	3.EH	@L>50.00Gohm
DC-NCL	3.EJ	@L>50.00Gohm
DC-NCL	3.EK	@L>50.00Gohm
DC-NCL	3.EL	@L>50.00Gohm
DC-NCL	MCU-P01_6	@L>50.00Gohm
DC-NCL	MCU-P01_7	@L>50.00Gohm
DC-NCL	MCU-P01_13	@L>50.00Gohm
DC-NCL	MCU-P01_18	@L>50.00Gohm
DC-NCL	MCU-P01_19	@L>50.00Gohm
DC-NCL	MCU-P01_20	@L>50.00Gohm
DC-NCL	MCU-P01_25	@L>50.00Gohm
DC-NCL	MCU-P02_6	@L>50.00Gohm
DC-NCL	MCU-P02_7	@L>50.00Gohm
DC-NCL	MCU-P02_13	@L>50.00Gohm
DC-NCL	MCU-P02_18	@L>50.00Gohm
DC-NCL	MCU-P02_19	@L>50.00Gohm
DC-NCL	MCU-P02_20	@L>50.00Gohm
DC-NCL	MCU-P02_25	@L>50.00Gohm
DC-NCL	PSU-P07_13	@L>50.00Gohm
DC-NCL	PSU-P07_15	@L>50.00Gohm
DC-NCL	PSU-P07_18	@L>50.00Gohm
DC-NCL	PSU-P07_21	@L>50.00Gohm
DC-NCL	PSU-P08_13	@L>50.00Gohm
DC-NCL	PSU-P08_15	@L>50.00Gohm
DC-NCL	PSU-P08_18	@L>50.00Gohm
DC-NCL	PSU-P08_21	@L>50.00Gohm
DC-NCL	4.DU	@L>50.00Gohm
DC-NCL	4.DV	@L>50.00Gohm
DC-NCL	4.DW	@L>50.00Gohm
DC-NCL	4.DX	@L>50.00Gohm
DC-NCL	4.DY	@L>50.00Gohm
DC-NCL	4.DZ	@L>50.00Gohm

□


```
Herschel.txt
DC-NCL      4.EA      @L41.03Gohm
DC-NCL      4.EB      @L>50.00Gohm
DC-NCL      4.EC      @L>50.00Gohm
DC-NCL      4.ED      @L>50.00Gohm
DC-NCL      4.EE      @L>50.00Gohm
DC-NCL      4.EF      @L>50.00Gohm
DC-NCL      4.EH      @L>50.00Gohm
DC-NCL      4.EJ      @L>50.00Gohm
DC-NCL      4.EK      @L>50.00Gohm
DC-NCL      4.EL      @L>50.00Gohm
```

Test result

```
-----
OPEN test      : P A S S
Short test     : Not active
COMPONENT test : Not active
HV-DC test    : P A S S
Shield-Test   : Not active
Messageerror   : P A S S
```

```
----- P A S S -----
```

□

Annexe 2 part 1

HARNAIS DC HERSCHEL SPIRE

Réf. : 06H026/LI/DHN/1408/06
Ed 00

Test manuel 4 fils

Liste des lignes de sur-blindage

FROM_BOX-FROM_CONN	FROM_PIN	TO_BOX-TO_CONN	TO_PIN	Criteria	Measurement	Status (OK/NOK)
DCU-P01	CAP	DPU-P07	CAP	< 10 mOhms	6,8 mΩ	OK
DCU-P02	CAP	DPU-P10	CAP	< 10 mOhms	6,7 mΩ	OK
SCU-P03	CAP	DPU-P09	CAP	< 10 mOhms	2,5 mΩ	OK
SCU-P04	CAP	DPU-P12	CAP	< 10 mOhms	2,5 mΩ	OK
MCU-P01	CAP	DPU-P08	CAP	< 10 mOhms	3,8 mΩ	OK
MCU-P02	CAP	DPU-P011	CAP	< 10 mOhms	3,8 mΩ	OK
DCU-P03	CAP	PSU-P07	CAP	< 10 mOhms	3,00 mΩ	OK
DCU-P04	CAP	PSU-P08	CAP	< 10 mOhms	2,75 mΩ	OK

Nichommetre OM 21 (AOIP) SN: N1000A Validité 02/2007.

REDACTEUR : D. HUGON
(Signature du rédacteur)

ORIGINAL

Service de maintenance des véhicules militaires - Direction des armées de terre - 15 avenue de la République - 91120 Brunoy - France

Mesures de caractérisation du harnais PSU SPIRE HERSCHEL

⇒ Suivant compte rendu de TRR PSU SPIRE HERSCHEL (Ref : 06H026/MN/JCU/1421/06 du 15/11/06)

Mesures à réalisées en mode 4 fils sous 100 mA

⇒ Ces mesures sont des mesures de caractérisation (pas de critères applicables sur ces mesures)

Cable W 7

Connecteur 1		Connecteur 2		Valeur mesurée
Identification connecteur	Pin	Identification connecteur	Pin	
DCU / P03	1	PSU / P07	1	31 mΩ
DCU / P03	2	PSU / P07	2	31 mΩ
DCU / P03	12	PSU / P07	12	31 mΩ
DCU / P03	25	PSU / P07	25	31 mΩ

Cable W 8

Connecteur 1		Connecteur 2		Valeur mesurée
Identification connecteur	Pin	Identification connecteur	Pin	
DCU / P04	1	PSU / P08	1	27 mΩ
DCU / P04	2	PSU / P08	2	27 mΩ
DCU / P04	12	PSU / P08	12	27 mΩ
DCU / P04	25	PSU / P08	25	27 mΩ

Annexe 2 part 2

Nichomètre AOIP 0M21 SN: NICOOL Validité : 02/07.