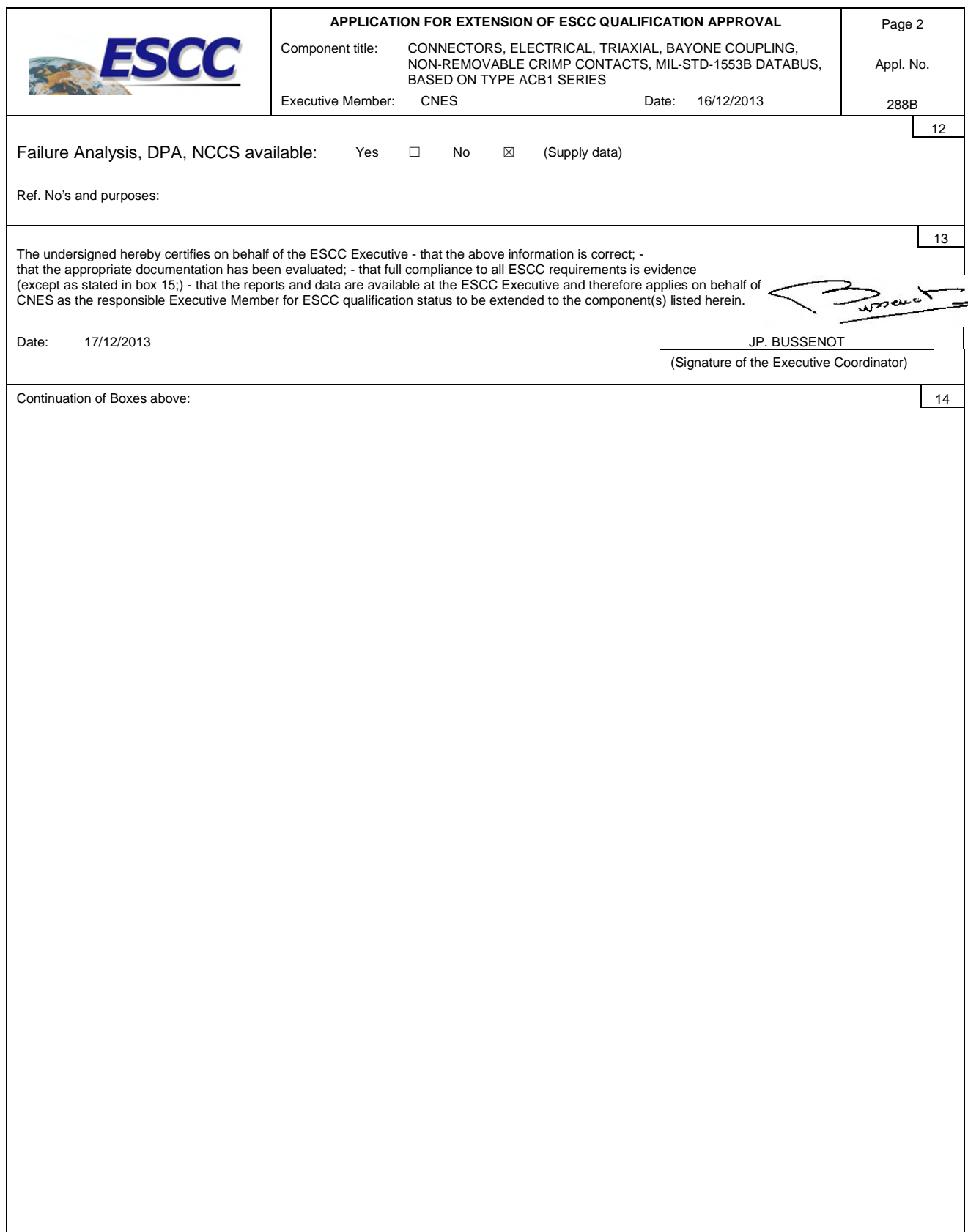
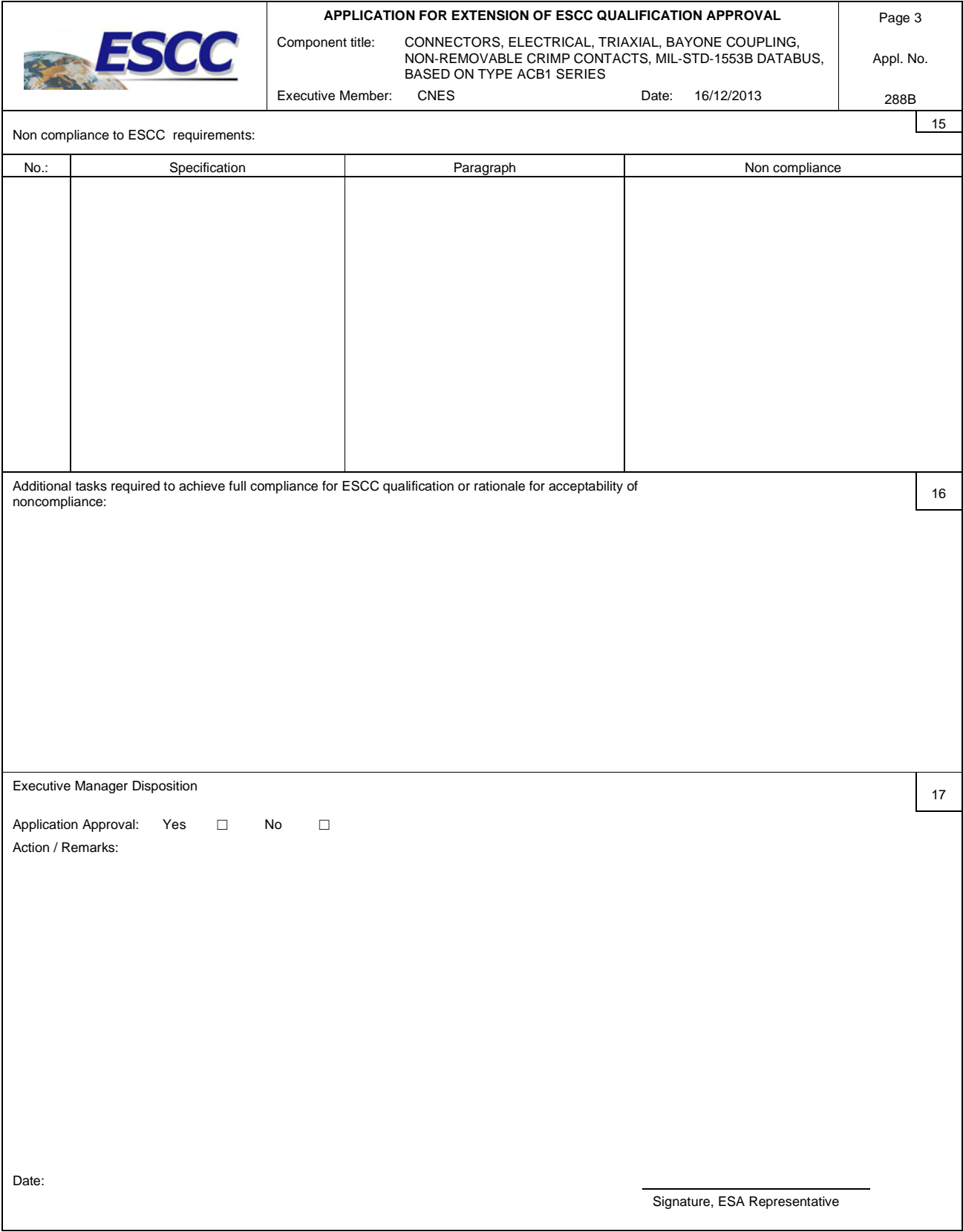
		<b>APPLICATION FOR EXTENSION OF ESCC QUALIFICATION APPROVAL</b>			Page 1  Appl. No. 288B
Component Title: CONNECTORS, ELECTRICAL, TRIAXIAL, BAYONE COUPLING, NON-REMOVABLE CRIMP CONTACTS, MIL-STD-1553B DATABUS, BASED ON TYPE ACB1 SERIES		Executive Member: CNES		Date: 16/12/2013	
Components (including series and families) submitted for Extension of Qualification Approval: <span style="float: right;">1</span>					
ESCC COMPONENT NO.	VARIANTS	RANGE OF COMPONENTS	BASED ON	TEST VEHICLE / S	COMPONENT SIMILAR
3401/079	01 to 18	Characteristics: Variants 01 to 08: Plug 3 and 4 Lugs, Straight and Right Angle with pin contact.	ACB1	02, 06, 10, 14	
		Variants 09 to 18: Bulkhead Jacks, 3 and 4 Lugs, Straight and Right Angle with solder contact. All cables are 77Ω MIL-STD-1553B Data Bus twisted shielded pairs.			
		Working Voltage: 200 Vrms Rated Current (contact): 1A			
		Operating Temperature Range (°C): -55 to +150			
Component Manufacturer <b>AXON' CABLE S.A.</b>		Location of Manufacturing Plant(s) <b>Route de Chalon          51210 Montmirail - France</b>		Date of original qualification approval: Date: 01/05/2009  Certificate Ref No. 288	
ESCC Specifications used for Maintenance of qualification testing: Generic: 3401 Issue: 1  Detail(s): 3401/079 Issue: 2		Deviations to LVT testing and Detail Specification used: No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> (supply details in Box 15)  Deviation from current Specifications: No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> (Supply details)		Qualification Extension Report reference and date: TEST REPORT N°3344 Issue A, November 25 <sup>th</sup> 2013, See appendix 1	
Summary of procurement or equivalent test results during current validity period in support of this application (those to ESCC listed first) <span style="float: right;">8</span>					
Project Name	Testing Level	LAT	Date code	Quantity Delivered	
See appendix 2					
PID changes since start of qualification None <input type="checkbox"/> Minor* <input checked="" type="checkbox"/> Major* <input type="checkbox"/> *Provide details in box: See appendix 3		Current PID Verified by: <u>Sauveplane Jean-baptiste</u> Name of Executive Representative Ref No: CNES-PID-06-Axon' Issue: Edition 3 - Revision 3 Date: 28/11/2013 Rev Date: 28/11/2013			
Current Manufacturing facilities surveyed by: <u>Sauveplane Jean-baptiste</u> on 08/11/2013 (Name of Executive Representative) (Date)  Satisfactory: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Explain  Report Reference: <u>CRIM_982946</u>					







# APPLICATION FOR EXTENSION OF ESCC QUALIFICATION APPROVAL

Component Title: CONNECTORS, ELECTRICAL, TRIAXIAL, BAYONE COUPLING,  
NON-REMOVABLE CRIMP CONTACTS, MIL-STD-1553B DATABUS,  
BASED ON TYPE ACB1 SERIES

Executive Member: CNES

Date: 16/12/2013

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## ANNEX 1: LIST OF TESTS DONE TO SUPPORT EXTENSION OF QUALIFICATION

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Tests conducted in compliance with:

- ESCC 3401 generic specification; Chart V (for ESCC/QPL parts);
- Or PID-TFD (for ESCC/QML parts)

Tests vehicle identification/description:

ESCC3401.079.02: Plug bayonet 3 lugs, straight version for AWG24 twisted shield pair with an outer diameter > 3.4 mm and ≤ 3.8 mm	ESCC3401.079.06: Plug bayonet 4 lugs, straight version for AWG24 twisted shield pair with an outer diameter > 3.4 mm and ≤ 3.8 mm
ESCC3401.079.10: Bulkhead jack bayonet 3 lugs, straight version for AWG24 twisted shield pair with an outer diameter > 3.4 mm and ≤ 3.8 mm	ESCC3401.079.14: Bulkhead jack bayonet 4 lugs, straight version for AWG24 twisted shield pair with an outer diameter > 3.4 mm and ≤ 3.8 mm

Detail Specification reference: 3401/079

Chart V	Test	Tick when done	Conditions	Date Code	Tested Qty	No. of Rejects	Comments if not performed. Comments on Rejection
Environmental and Mechanical Subgroup	Wiring	<input checked="" type="checkbox"/>	ESCC 3401 Para. 9.10	1337	3	0	
	Climatic Sequence	<input checked="" type="checkbox"/>	ESCC 3401 Para. 9.13	1337	3	0	
	Permanence of Marking	<input type="checkbox"/>	ESCC 24800				Not applicable
	Corrosion	<input checked="" type="checkbox"/>	IEC Publication No. 68-2-11	1337	3	0	
	Seal Test	<input type="checkbox"/>	ESCC 3401 Para. 9.9				Not applicable
	Plating Thickness	<input type="checkbox"/>	ESCC 3401 Para. 5.2.3				Not applicable
Endurance Subgroups	Wiring	<input checked="" type="checkbox"/>	ESCC 3401 Para. 9.10	1337	2	0	
	Rapid change of Temperature	<input checked="" type="checkbox"/>	ESCC 3401 Para. 9.16	1337	2	0	
	Contact Retention	<input checked="" type="checkbox"/>	ESCC 3401 Para. 9.17	1337	2	0	
	Maintenance Ageing	<input type="checkbox"/>	ESCC 3401 Para. 9.27				Not applicable
	Endurance	<input checked="" type="checkbox"/>	ESCC 3401 Para. 9.18	1337	2	0	
	Seal Test	<input type="checkbox"/>	ESCC 3401 Para. 9.9				
	Joint Strength	<input checked="" type="checkbox"/>	ESCC 3401 Para. 9.15	1337	2	0	
	Engage/Separ. Forces	<input checked="" type="checkbox"/>	ESCC 3401 Para. 9.28	1337	2	0	
	Oversize Pin Exclusion	<input type="checkbox"/>	ESCC 3401 Para. 9.29				Not applicable
	Probe Damage	<input type="checkbox"/>	IEC Publication No. 512-8				Not applicable
Additional Tests		<input type="checkbox"/>					
		<input type="checkbox"/>					
		<input type="checkbox"/>					

