

**UNITED STATES DEPARTMENT OF AGRICULTURE
Rural Utilities Service
Washington, DC 20250-1500**

June 24, 2003

TECHNICAL STANDARDS COMMITTEE "A" (TELECOMMUNICATIONS) MEETING #758

Summary of Decisions

1. Splice Closure (Item "pl") – 3M Company

Committee A accepted 3M's 8882 encapsulant to replace its currently listed 4442 encapsulant on pages 2.1.1 and 2.1.4 as follows:

Page 2.1.1

<u>pl - Splice Closure</u>				
<u>Manufacturer</u>	<u>Max. Cable Dia.⁽⁶⁾</u>	<u>Straight</u>	<u>Branch⁽⁴⁾</u>	<u>Encapsulant⁽²⁾</u>
<u>b - Buried Splice Closure for Copper Cables</u>				
<u>Filled</u>				
3M Company	0.58"	8981-4462/GEL	--	8882GEL
	1.0"	8982-4462/GEL	--	8882GEL
	1.2"	--	BB2 x 24 4462/GELLA SC, DC-LHS	8882GEL
	1.5"	8983-4462/GEL	--	8882GEL
	1.7"	--	BB3 x 24 4462/GELLA SC, DC-LHS	8882GEL
	2.0"	8984-4462/GEL	BB4 x 24 4462/GELLA SC, DC-LHS	8882GEL
	2.4"	8985-4462/GEL	BB5 x 26 4462/GELLA SC, DC-LHS	8882GEL
	3.33"	8986-4462/GEL	--	8882GEL
	3.3"	--	BB6 x 26 4462/GELLA 2DC-LHS	8882GEL
	3.6"	--	BB7 x 26 4462/GELLA 2DC-LHS	8882GEL
	3.8"	--	BB9 x 26 4462/GELLA 2DC-LHS	8882GEL

Page 2.1.4

<u>pl - Splice Closure</u>					
<u>Manufacturer</u>	<u>In-Line</u>	<u>Butt</u>	<u>Branch</u>	<u>Encapsulant⁽²⁾</u>	<u>Maximum Splice Capacity⁽⁸⁾</u>
<u>f - Buried Splice Closure for Fiber Optic Cables⁽¹⁾</u>					
<u>Filled</u>					
3M Company	2177-R	2177-R	2177-R	8882	64

2. Splice Closure (Item "pl") – Tyco Electronics

Committee A accepted Tyco's CERTI-SEAL buried service wire closures for listing on page 2.1.2 as follows:

<u>Manufacturer</u>	<u>Max. Cable Dia.</u> ⁽⁶⁾	<u>Straight</u>	<u>Branch</u>	<u>Encapsulant</u> ⁽²⁾
<u>b - Buried Splice Closure for Copper Cables</u>				
<u>Filled</u>				
Tyco Electronics (CERTI-SEAL)	Series 6 & 59	569224-1		Sealant 20
	Series 7 & 11	569661-1		Sealant 20
	.29 - .46 (Tel.) &	569671-1	569671-1	Sealant 20
	Series 6, 7, 11, 59 (Coax)			
	.29 - .46	569579-1	569579-1	Sealant 20
	.29 - .46	1116449-1	1116449-1	Sealant 20
	.35 - .57	1217195-1	1217195-1	Sealant 20

3. Buried Plant Housings (Item "se") – 3M Company

Committee A accepted 3M's 4230 Series cabinets for listing on page 2.5.2 as follows:

se - Buried Plant Housings
(Complies with 7 CFR 1755.910)

Type BDS Serving Area Interface Cabinet⁽⁴⁾

<u>Manufacturer</u>	<u>Designation</u>	<u>Cabinet Series</u>
3M	3M SS Block	<u>Terminal Type</u> ⁽⁵⁾
		4000 ⁽⁶⁾
		4300 ⁽⁶⁾
		4220 ⁽⁶⁾
		4230
		4900

4. Fiber Cable Slack Organizer (Item "oco") – Tyco Electronics

Committee A accepted Tyco's Lightrax Fiber Raceway System for listing under Item "oco" as follows:

oco - Fiber Cable Slack Organizer

Manufacturer

Multilink Broadband

Tyco Electronics

Product Series

21__⁽¹⁾⁽²⁾ (Sno-Shoe)

Lightrax System

Notes:

⁽¹⁾Fill in blanks with available sizes - 10", 16", 21", 24".

⁽²⁾Available with ADSS Versions, staking kits, and extensions.

5. Connectors (Item "cm") – 3M Company

Committee A accepted 3M's 2529 Universal Fibrlok II mechanical fiber optic splice to replace its 2925-A and 2590-A mechanical fiber optic splices currently shown on page 3.1.3. Committee A also accepted Outside Plant recommendation to delete notes 6 and 7. The listing will appear on the List of Materials as follows:

cm - Connectors

Manufacturer

Catalog Number

Splicing Connectors for Optical Fibers

	<u>Passive</u>	<u>Tunable</u>	<u>Mass</u>
3M Company	2529 Fibrlok II	-	-

6. Access Equipment (Item "ae") – General Bandwidth

Committee A accepted General Bandwidth's G6 Access and Media Gateway Platform for listing on page 6.1 as follows:

ae - Access Equipment

<u>Manufacturer</u>	<u>Product</u>	<u>Copper</u>	<u>Fiber</u>	<u>Wireless</u>
General Bandwidth	G6 Access & Media Gateway	Y	Y	N

7. Access Equipment (Item "ae") and Transport Equipment (Item "te") – Sorrento Networks

Committee A accepted Sorrento's JumpStart-400 CWDM access system and GigaMux DWDM transport system for listing on pages 6.1 and 6.2, respectively, as follows:

ae - Access Equipment

<u>Manufacturer</u>	<u>Product</u>	<u>Copper</u>	<u>Fiber</u>	<u>Wireless</u>
Sorrento	JumpStart	N	Y	N

te - Transport Equipment

<u>Manufacturer</u>	<u>Product</u>	<u>Interface Rate</u>	<u>RF Band</u>
Sorrento	GigaMux	OC-3/12/48/192	

8. Stored Program Digital Switching Equipment (Item "pc") – Nortel Networks, Inc.

Committee A granted Nortel Approval-to-Bid the DMS-10 Generic 504.10

9. Stored Program Digital Switching Equipment (Item "pc") – Siemens Information and Communication Networks

Committee A accepted Siemens' EWSD Generic 20.0 for listing on page 6.3 as follows:

pc - Stored Program Digital Switching Equipment

<u>Manufacturer</u>	<u>Base</u>	<u>Accepted System Release⁽⁵⁾</u>	<u>Acceptance Classification⁽¹⁾</u>	<u>RST(s)</u>
Siemens Information and Communication Networks	EWSD ⁽⁸⁾	20.0	A	RCU RCU-160C RCU-800C

10. Grounding Connectors (Item "me") – Electric Motion Company, Inc.

Committee accepted Electric Motion’s EM 2371, EM GC8010P, EM GC8020P, EM 0164, and EM 2371T grounding connectors for listing on pages 7.5 and 7.5.2. The committee also accepted the removal of the listing for #10 AWG size from the ground connectors for buried plant housings subcategory. The listing will appear in the List of Materials as follows:

Page 7.5

me - Grounding Connectors

<u>Manufacturer</u>	<u>Catalog Number</u>		
		<u>.102" (#10 AWG) Copper</u>	
		<u>.162" (# 6 AWG) Copper</u>	
	<u>.162" (#6 AWG) Copper</u>		<u>.102" (#10 AWG) Copper</u>
Connected to:	<u>.162" (#6 AWG) Copper</u>	<u>.257" (#4 AWG) ACSR</u>	<u>.102" (#10 AWG) Copper</u>
Electric Motion	EM 2371	--	EM 2371

Page 7.5.2

me - Grounding Connectors

<u>Manufacturer</u>	<u>Catalog Number</u>		
	<u>.102" (#10 AWG) Copper</u>		
Connected to galvanized steel strand:	<u>6M</u>	<u>10M</u>	<u>16M</u>
Electric Motion	EM GC8010P EM GC8020P	EM GC8010P EM GC8020P	EM GC8010P EM GC8020P

.102" (#10 AWG) Copper

Connected to:	<u>Aluminum-Clad Steel Strand</u>		
	<u>6M</u>	<u>10M</u>	<u>16M</u>
Electric Motion	EM GC8010P EM GC8020P	EM GC8010P EM GC8020P	EM GC8010P EM GC8020P

For Buried Plant Housings (PE-91)

#6 AWG

Electric Motion	EM 0164 ⁽¹⁾ EM 2371T
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⁽¹⁾Connector will accept braid.

11. Connectors (Item "cm") – Tyco Electronics

Committee A granted Tyco's AMP Stack Mark III connectors Technical Acceptance. If the product were domestic, it would appear on the List of Materials as follows:

cm - Connectors

Manufacturer

Catalog Number

Splicing Connectors for Copper Conductors

	<u>Straight Splice</u>	<u>Connector Modules (10-Pair) Bridge Splice</u>	<u>Half-Tap Splice</u>
Tyco Electronics ⁽¹⁾	737865-2 1-737865-2 737867-2 1-737867-2		737865-2 1-737865-2 737867-2 1-737867-2

	<u>Straight Splice</u>	<u>Connector Modules (20-Pair) Bridge Splice</u>	<u>Half-Tap Splice</u>
Tyco Electronics ⁽¹⁾	737861-2 1-737861-2 737863-2 1-737863-2		737861-2 1-737861-2 737863-2 1-737863-2

	<u>Straight Splice</u>	<u>Connector Modules (25-Pair) Bridge Splice</u>	<u>Half-Tap Splice</u>
Tyco Electronics ⁽¹⁾	737830-2 1-737830-2 737832-2 1-737832-2 737834-2 1-737834-2		737830-2 1-737830-2 737832-2 1-737832-2 737834-2 1-737834-2

Notes:

⁽¹⁾All listed Tyco Electronics modules may use the appropriate grease boxes (737823-1 and 737823-2).

12. Splice Closure (Item "pl) – Tyco Electronics

Committee A accepted Tyco's FOSC 400 aerial splice closure for re-listing in the List of Materials. The committee also accepted Tyco's FOSC 450 closure for both aerial and buried fiber optic cables. The listing will appear on page 2.1.4 as follows:

pl - Splice Closure

<u>Manufacturer</u>	<u>In-Line</u>	<u>Butt</u>	<u>Branch</u>	<u>Encapsulant</u> ⁽²⁾	<u>Maximum Splice Capacity</u> ⁽⁸⁾
<u>e - Aerial Splice Closure for Fiber Optic Cables</u> ⁽¹⁾					
<u>Non-Filled</u> ⁽⁷⁾					
Tyco Electronics	--	FOSC400-A4-NT-0-NGV-RUS	FOSC400-A4-NT-0-NGV-RUS		32
		FOSC400-B2-NT-0-NGV-RUS	FOSC400-B2-NT-0-NGV-RUS		96
		FOSC400-D5-NT-0-NGV-RUS	FOSC400-B2-NT-0-NGV-RUS		96
		FOSC400-B4-NT-0-NGV-RUS	FOSC400-D5-NT-0-NGV-RUS		576
<u>f - Buried Splice Closure for Fiber Optic Cables</u> ⁽¹⁾					
<u>Filled</u>					
Tyco Electronics	--	FOSC450-B6-NT-0-B3V-RUS	FOSC450-B6-NT-0-B3V-RUS	GEL	144
		FOSC450-D6-NT-0-D6V-RUS	FOSC450-B6-NT-0-B3V-RUS	GEL	768

13. Station Protectors (Item "ni") and Gas Tube and Solid-State Arresters (Item "nh") – Surge Technologies

Committee A accepted Surge Technologies' building entrance terminal products for listing on pages 5.1.3 and 5.4, respectively, as follows:

Page 5.1.3

ni - Station Protectors⁽⁷⁾

Fuseless, Module, Gas Tube

<u>Manufacturer</u>	<u>6-Pair</u>		<u>12-Pair</u>
Surge Technologies ⁽⁴⁾	ST265 66-6		ST260 66-12
	<u>25-Pair⁽⁶⁾</u>	<u>50-Pair⁽⁶⁾</u>	<u>100-Pair⁽⁶⁾</u>
Surge Technologies ⁽⁴⁾	ST260 66-25 ST260 110-25	ST188 ENA1-50 ST188 110-50 ST189 B1-50 ST190 A1-50 ST250 66-50	ST188 B1-100 ST188 ENA1-100 ST188 110-100 ST189 B1-100 ST190 A1-100 ST250 66-100

Page 5.4

nh - Gas Tube Arrester⁽¹⁾

<u>Manufacturer</u>	<u>MDF Module</u>	<u>Station Module</u>	<u>Well Mount</u>
Surge Technologies	ST3B1E	ST356-350V	--

nh - Solid-State Arrester⁽⁷⁾

<u>Manufacturer</u>	<u>MDF Module</u>
Surge Technologies	ST3B1E-BAL

Miscellaneous

- I. Committee A sent 3M a June 12, 2003 letter acknowledging 3M's discontinued manufacture of its pedestal kit #4608-XL. The letter also acknowledged the subsequent deletion of this catalog number from 3M's listing under Item "sk" on page 2.5.5 of the List of Materials.
- II. Committee A sent Turin Networks, Inc. a June 12, 2003 letter acknowledging the acceptance of the 2000 shelf option for addition to Turin's Traverse platform listing currently shown on page 6.2. The letter reflects the revised listing as follows:

te - Transport Equipment

<u>Manufacturer</u>	<u>Product</u>	<u>Interface Rate</u>	<u>RF Band</u>
Turin Networks	Traverse ⁽⁴⁾	OC-3/12/48/192	

Notes:

⁽⁴⁾Includes Traverse 600, 1600 and 2000.

- III. In a June 19, 2003 letter Corning informs RUS of its acquisition of Champion Products, Inc. As requested by Corning's letter, we will be changing to "Corning" the listings under "Champion Products, Inc.," on page 2.5 (se-Buried Plant Housing, Type BD Pedestals) and page 2.5.2 (Fiber Optic Case Housings).

Sincerely,

NORBERTO ESTEVES
Chairman, Technical Standards
Committee "A" (Telecommunications)
Telecommunications Standards Division