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<b>Business Unit:</b>	<input type="checkbox"/> Outside Plant Products (OSP)	<input checked="" type="checkbox"/> Access & Transmission Products (A&T)				
<b>Product Category:</b>	360 Channel Bank, D448 Channel Bank, T&S, T1, T1 STS, HVDL, APS					
<b>Class Code:</b>	5K, 9K, 9R, 5P, 5S, 5N, 8G					
<b>Bulletin Type:</b>	<input type="checkbox"/> NEW	<input type="checkbox"/> PCN	<input type="checkbox"/> PRICING	<input type="checkbox"/> RECALL	<input checked="" type="checkbox"/> MD	<input type="checkbox"/> SERVICE
<b>Bulletin Number:</b>	<b>PB-00306-D16</b>					
<b>Bulletin Author(s):</b>	Dave Schwass, Sr. Product Manager					
<b>Date Issued:</b>	<b>4/29/16</b>					
<b>Authorized Release:</b>	<input checked="" type="checkbox"/> Charles – Internal Use	<input checked="" type="checkbox"/> Distributors/Partners	<input checked="" type="checkbox"/> Customers			

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## Access & Transmission Products Manufacture Discontinued (MD) and Additions and Maintenance (A&M) Notification

### **PRODUCTS AFFECTED:**

This notice impacts selected products in the **360 Channel Bank, APS, D448 Channel Bank, HVDL, Transmission and Signaling, T1, and T1 STS** product families.

### **BACKGROUND:**

Charles has supported an extensive line of telecommunications products for many years. We have worked diligently to control product costs and when possible, pass those savings on to our customers. In addition, we have managed to maintain product support and price levels in the face of limited component availability, escalating product costs, and a decline in overall market usage of these products. It is for these reasons that selected Access and Transmission products will now be manufacture discontinued (MD) or have limited availability with an Additions and Maintenance (A&M) designation.

### **MANUFACTURE DISCONTINUED (MD):**

As is standard practice, Charles regularly reviews product offerings and makes adjustments based upon raw material/component availability and market demand. Appendix A, page 2, of this notification lists those products which will be manufacture discontinued (MD).

### **EFFECTIVE DATES:**

**Effective July 1, 2016**, Charles will have manufacture discontinued the products listed in this notification and will have limited availability of the products identified in the latest Price List. Prior to this date, available products may be purchased in accordance with our standard ordering procedures. Orders received after this date will be filled while supplies last.

### **SUPPORT:**

Technical support and repair services for Manufacture Discontinued will continue to be provided beyond the MD date for products under warranty.

### **NOTIFICATIONS:**

A communications package will be sent via e-mail to distribution partners and direct customers by April 29, 2016. Contracted Customers will be treated in accordance with the terms set forth in their respective Agreements. All recipients of this notification are requested to return an enclosed 'NOTIFICATION OF RECEIPT'.

### **ORDERING/INFORMATION:**

To place orders or should you have any questions regarding this bulletin, please contact your Charles Inside Sales Representative directly, or phone 847-258-8526.

### **QUESTIONS/COMMENTS:**

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# Appendix A

## Access & Transmission Products Effective July 1, 2016

### Manufacture Discontinued (MD) List

<b>360 Channel Banks</b>	
<b>Part Number</b>	<b>Description</b>
92-036022-B	360-22 IS2 CHAN BANK ASSEMBLY
<b>APS</b>	
97-001122-C	KIT, AUTOMATIC PROTECTION SWITCH FOR 360-22 BANK
<b>D448 Channel Banks</b>	
628171-000-001	DIAL PULSE TERMINATING (DPT) CHANNEL UNIT
628196-000-001	2WFXS/GT ASSEMBLY
650059-823-002	D448 SYS/UNIT MANUAL
650059-823-003	D448 INSTALLATION/MAINTENANCE MANUAL
650084-823-001	D424 MANUAL
<b>HVDL</b>	
93-HVDL11501-A	Remote Terminal Desktop, No FTP, Data Only, Local Power
92-FANHVDL23-A	23" Fan Tray
92-FAN840-A	Fan Tray IS1 23"
97-001902-A	HVDL41511 replace parts - power supply, cord & power over Ethernet
98-HVDL101-A	1RU 19" Shelf with 1 COT
98-HVDL102-A	1RU 19" Shelf with 2 COTs
98-HVDL103-A	1RU 19" Shelf with 3 COTs
98-HVDLSTRT19-A	Starter Kit, 19", 3 COTs, 3 RTs, 2 Repeaters
98-HVDLSTRT23-A	Starter Kit, 23", 3 COTs, 3 RTs, 2 Repeaters
98-HVDL37031A-A	Kit, HVDL COT Assembly For 1RU Shelf
98-HVDLSTSADP-A	Adapter Card for 1RU Shelf
<b>Transmission &amp; Signaling</b>	
91-420100-B	4201-00 IS2 4W/4WAY CONF BRDG
91-730546-C	7305-46 IS3 DATA CHAN INTFC
91-850540-A	8505-40 IS1 RGU 20 HZ 15W
<b>T1</b>	
600177-537-001	T1 LINE REPEATER ADAPTOR FOR ITT HOUSING
<b>T1 STS</b>	
92-031902-C	3192/STS 19 IN CONNECTORIZED MTG SHELF, 22 SLOTS + 1 ALM SLOT
92-031904-A	3192/STS 19 IN WIRE WRAP MOUNTING SHELF, 22 SLOTS + 1 ALM SLOT
92-281902-A	3192/STS CUSTOMER RACK WIRE WRAP MOUNTING SHELF, 6 SLOTS