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1	Q.	Re: 2013 Capital Projects 500,000 and Over: p. C-62 Replace MDR4000 Microwave
2		Radio (West):
3		What advices/notices has the manufacturer provided to Hydro concerning this
4		equipment since 2003? Please provide a copy of each.
5		
6		
7	A.	The Manufacturing Discontinued notice with the effective date of March 31, 2004
8		for the MDR-4000 microwave radio was provided in the Alcatel Product Change
9		Notice number 03-0112, issued March 25, 2003 (Attachment 1 to this response).

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### PRODUCT CHANGE NOTICE

1.1	Company	Alcatel USA	2.1	PCN Number	03-0112
1.2	Address	3400 West Plano Parkway	2.2	PCN Issue	01
1.3	City	Plano	2.3	VCI Number	N/A
1.4	Sate	TX	2.4	Chg. Procs.	DR6
1.5	Zip	75075			
1.6	Contact	CSC	3.0	PCN Issued	03/25/2003
1.7	Phone	888-252-2832			
1.8	Vendor	ALCL			
4.1	System	TNRADS	4.3	Hardware	Υ
4.2	Sub System Af	fected / Software Name	4.4	Firmware	Υ
	MDR-4000s S	ONET Radios (Optical, Electrical, and	4.5	Software	Υ
	Multiline configurations)				
	DCT 9000a CONET Switch				
	DST-8000s SONET Switch			Plug-In	Υ
5.1	New Product	MDR-8000s	6.1	Old Product	MDR-4000s (All Applications)
•	11011 1104401	MDR-8000s High Density			DST-8000s (All Applications)
5.2	New Firmware	N/A	6.2	Old Firmware	N/A
7.0	New Code	N/A	8.0	Old Code	N/A
10.1	Drawing	N/A	10.2		N/A
9.0	Associated Products of Changes Affected			Classification	
0.5	Any system that relies on the MDR-4000s Optical,			J.4000411011	
	, ,	Multiline radios, and DST-8000s			
		,			
	Multiline Switch should be evaluated.				

#### 12.1 Reason for Classification

This PCN is classified as D because it announces Additions and Maintenance (A&M) and Manufacturing Discontinued (MD) phases of the MDR-4000s SONET Radio (Optical, Electrical, and Multiline configurations), and DST-8000s Multiline Switch products.

#### 13.0 Reason for Change

**Product Classification Changes** 

The following list details classification changes for the MDR-4000s and DST-8000 products (see comments for A&M and MD definition). Existing contracts that spell out notice and support requirements will be executed as detailed in those contracts.

Orders for products classified A&M will be considered at current pricing.

Product	New Status	Effective Date	Similar Replacement Product
MDR-4X02s	A&M	10/01/2003	None
MDR-4X02s	MD	03/31/2004	None
MDR-4X04s	A&M	10/01/2003	None
MDR-4X04s	MD	03/31/2004	None
MDR-4X05s	A&M	10/01/2003	None
MDR-4X05s	MD	03/31/2004	None
MDR-4X06s	A&M	10/01/2003	MDR-8706s
MDR-4X06s	MD	03/31/2004	MDR-8706s
MDR-4XU6s	A&M	10/01/2003	MDR-87U6s
MDR-4XU6s	MD	03/31/2004	MDR-87U6s
MDR-4X08s	A&M	10/01/2003	MDR-8708s
MDR-4X08s	MD	03/31/2004	MDR-8708s
MDR-4X11s	A&M	10/01/2003	MDR-8711s
MDR-4X11s	MD	03/31/2004	MDR-8711s
DST-8000s	A&M	10/01/2003	MDR-8000s Multi Channel Radio
DST-8000s	MD	03/31/2004	MDR-8000s Multi Channel Radio

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#### 14.1 Description of Change

The MDR-4000s SONET Radios and DST-8000s SONET Switch will be MD on 03/31/2004. The last day to place new system orders is 09/30/2003 (coincides with A&M effective date of 10/01/2003) for delivery by 03/20/2004. The last day to place A&M orders is 03/20/2004 (coincides with MD effective date of 03/31/2004).

#### 14.2 Change Verification Procedures

N/A

#### 15.9 Effect of Change

MD status

15.1	Safety Notice	N	15.5	Maintenance	Υ
15.2	Fire Notice	N	15.6	Reliability	N
15.3	Service	N	15.7	Power	N
15.4	Transmission	N	15.8	Traffic	N
16.0	16.0 Material Affected		17.0	Documentation	on Affected
	All MDR-4000	s and DST-8000s related material		N/A	
18.0	Implemented	03/31/2004	19.0	Completed	N/A
20.1	20.1 Mod. Location/Disposition Customer Controlled Units		20.2	(F)ield, (L)ab	Trialed, (N)one
	N/A			N	
21.1	Install Time	N/A			
21.2	Mod. Cost	N/A	22.0	Loc/Qty Title	N/A

#### 23.0 Attachments

N/A

#### 24.0 Comments

#### **Product Classifications Description**

Consistent with the policy to provide optimum support for the longest practical time to its customers, Alcatel USA regularly monitors market acceptance of its **current** products to provide a maximum sustained term in this classification.

#### **Current Product Line:**

Current high volume manufactured products including standard rack (bay) configurations, subsystems, plug-in modules and major replaceable components. Primary Marketing and Sales efforts are devoted to these products and purchasing, production planning, inventory management and other activities are focused to meet large-scale market requirements.

As new telecommunications technologies become available, market demands change and/or more efficient design and manufacturing processes are introduced, a transition to new superseding products will begin to take place. Under conditions of diminishing demand levels, Alcatel USA provides for continuing support of customer-owned systems by reclassification of the product from **Current Product Line (General Availability)** to **Additions & Maintenance**.

#### Additions & Maintenance (A&M):

Equipment in the form of plug-in modules and selective sub-assemblies to expand previously delivered hardwired but only partially equipped systems and to support module replacement requirements. Normally, sixmonth advance notice is given to the identified customer base before the **A&M** classification becomes effective. These products will involve periodic rather than continuous production activity with stocking levels reflecting best available judgment of reduced market demands. As a result, prices are higher for these products and delivery intervals usually will be longer than for Current Product Line equipment.

The third and final phase in the life of a product is classified as **Manufacturing Discontinued (MD)**. Reclassification of an **A&M** status to **MD** status occurs when demands become sporadic, components are no longer available, or superseding products are available.

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#### Manufacturing Discontinued (MD):

A product which is no longer available for purchase. Continuing support will be available by means of (1) equipment repair or replacement utilizing components and materials from sources that can be found through reasonable efforts and (2) remote technical assistance. Technical assistance over the telephone is billable at then current charges for such services. Annual contracts are available for such support. A minimum of six (6) months notice is given for the discontinuance of this service. Please call 1-972-519-4141 for more information. A product may become **MD** no sooner than six (6) months following classification to **A&M**. As is customary, a minimum of six months advance notification is given to the identified customer base.

For upgrades and general assistance, call the Alcatel Customer Service Center or contact your Alcatel Service Manager or Account Manager at 1-888-252-2832 (1-888-ALCATEC).

For pricing, contact your Alcatel Account Director at 1-800-252-2835 (1-800-ALCATEL).

For changes to distribution or to view bulletins online, access URL: http://www.usa.alcatel.com