

1 Q. Re: 2013 Capital Projects 500,000 and Over: p. C-62 Replace MDR4000 Microwave
2 Radio (West):
3 What spare parts are presently in inventory and how were these obtained?
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6 A. The current Hydro inventory of spares for the MDR-4000 radio is shown on
7 Attachment 1. The items highlighted in red indicate spares that are not obtainable
8 or repairable as there is no availability of the internal components. Note that 67 of
9 the 91 spares were obtained by decommissioning one of the radio links. The
10 remaining 24 spares were purchased new with the system.

#	<u>MDR-4000 Spare</u>	<u>Modules Available</u>	<u>Module Manufacturer Part Number</u>
1	IF AMP	5	622-8603-012
2	POWER SUPPLY	6	270-0038-020
3	OC3 INTF	4	3AL48029AF
4	IF COMBINER	1	622-6030-007
5	DTMF KEYPAD	2	644-0245-001
6	DWN CONVTR	5	644-0203-001
7	UP CONVTR	5	622-8886-001
8	RX OSC	4	277-0642-070
9	RX OSC	2	277-0642-080
10	TX OSC	3	277-0631-110
11	TX OSC	2	277-0631-120
12	POWER AMP	1	822-0185-006
13	POWER AMP	5	644-0132-001
14	POWER AMP	2	822-0185-005
15	MODULATOR	6	644-0112-003
16	DEMODULATOR	4	644-0113-003
17	FAN ASSY	2	694-2009-001
18	SYNC TRANSPT	5	666-0002-002
19	DSI INTFC	2	695-5711-001
20	SNYC 201	1	822-0115-001
21	ALARM INTFC	3	644-0116-001
22	POWER RGL	5	644-0159-001
23	RAD CNTL PRC	3	644-0115-001
24	OUTPUT COND	2	644-0111-013
25	INPUT COND	4	644-0110-013
26	SCM W/OW	3	644-0117-001
27	USI-LAN	1	822-0294-001
28	SHELF PROCES	1	644-0003-001
29	PDU	2	695-6200-001
	Total:	91	