

1 Q. **Re: p. B-137** Outline in detail the reliability and maintenance experience of
2 the existing VHF Mobile Radio System since 2001.

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5 A. The reliability experience of the existing VHF Mobile Radio system since
6 2001 is shown below. The table below shows the number of outages
7 experienced in four categories: Switch – failures of the central switch located
8 in Gander; Facility – failures of the leased circuits which connect the
9 repeaters to the central switch; Repeater – failure of the repeater and site
10 controller, and Other – failures not associated with any of the preceding,
11 including coverage problems, interference, antenna and cable failure, etc.
12 2004 failures are included up to September 17, 2004.

Year	Failure Type				
	Facility	Repeater	Switch	Other	TOTAL
2001	4	4	1	1	10
2002	5	7	5	0	17
2003	18	11	21	11	61
2004 (to date)	0	2	1	6	9

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Maintenance costs for the mobile radio system for 2001 to 2004 to date are shown below. These costs include the cost of the fixed price annual maintenance contract with Aliant and internal repair costs.

Year	Costs		
	Repair	Maintenance Contract	Total
2001	\$9300	\$27,000	\$36,300
2002	\$12,000	\$29,000	\$41,000
2003	\$12,300	\$30,800	\$43,100
2004	\$10,100	\$32,400	\$42,500