

MAXIRAN CALIBRATION REPORT

DATE: 1 FEB 86

MOBILE STATION			BASE STATION		
LOCATION: <u>POINT LONSDALE</u>			LOCATION: <u>PARKERS HILL</u>		
OPERATOR: <u>BERGSTROM / ROUNDS</u>			OPERATOR: <u>GAIR / PERKINS</u>		
UNIT	MODEL	SERIAL No.	UNIT	MODEL	SERIAL
MONITOR		<u>026</u>	BEACON	<u>NTL-01</u>	<u>075</u> <small>COF 03</small>
INTERROGATOR	<u>NTM 01</u>	<u>009</u>	CONTROL BOX		
AMPLIFIER	<u>20 KW</u>		AMPLIFIER	<u>3.5 KW</u>	
AMPLIFIER P/S			AMPLIFIER P/S		
PREAMP			PREAMP		
COAX	TYPE	LENGTH	COAX	TYPE	LENGT
	<u>RG 8 ANDREWS</u>	<u>82'</u> <u>71'</u>		<u>RG 8 ANDREWS</u>	<u>82'</u> <u>71'</u>
ANTENNA	TYPE	HEIGHT	ANTENNA	TYPE	HEIGHT
	<u>2+2 LPL</u>	<u>15'</u>		<u>2+2 LPL</u>	<u>40'</u>
INPUT VOLTAGE		<u>115V</u>	INPUT VOLTAGE		<u>115V</u>
TX. FREQUENCY		<u>441 MHZ</u>	TX. FREQUENCY		<u>429 MHZ</u>
RX. FREQUENCY		<u>429 MHZ</u>	RX. FREQUENCY		<u>441 MHZ</u>
RX. GAIN SETTING		<u>AUTO</u>	RX. GAIN SETTING		<u>AUTO</u>
WEATHER CONDITIONS		<u>FAIR</u>	WEATHER CONDITIONS		<u>FAIR</u>

OBSERVED RANGE IN CALIBRATE: 115.789 KM      COMPUTED SLANT RANGE: 110.784 KM  
 MOBILE ZERO SETTING IS: 5007 KM      OBSERVED RANGE IN OPERATE 110.782 KM  
 TIME: 1630      BEACON ADJUSTED TO READ 110.784 KM IN OPERATE

MOBILE STATION

BASE STATION

OFFSET: (YES)(NO) DIST BRG  
 NAME: POINT LONSDALE  
 LAT: 38°17'34.3018" S LONG: 144°36'41.7219" E  
 X = 291126.88 Y = 5758977.18  
21.5 M

OFFSET: (YES)(NO) DIST BRG  
 NAME: PARKERS HILL  
 LAT: 38°50'52.369" S LONG: 143°33'18.295  
 X = 201020.98 Y = 5694447.53  
84 M  
UTM  
19G  
147°E

ELEVATION  
 PROJECTION  
 DATUM  
 C.M.

OPERATOR: Mike Bond

OPERATOR:

NOTES REGARDING CALIBRATION PROCEDURES:

1. All equipment will be allowed to warm up for at least 30 minutes prior to calibrating.
2. All readings entered hereon will be final readings for the item in question, not preliminary or intermediate readings.
3. Each report will be complete in itself. Do not refer to other reports for information.
4. Use the reverse side of this report for any additional comments deemed necessary or advisable for completeness and clarity.