

## 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>036</u> <small>COI S</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>RGB ANDREWS</u>	<u>82'</u> <u>21'</u>		<u>RGB ANDREWS</u>	<u>82'</u> <u>21'</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: 115.791 KM

COMPUTED SLANT RANGE: 110.784 KM

MOBILE ZERO SETTING IS: 5007 KM

OBSERVED RANGE IN OPERATE 110.784 KM

TIME: 1430 BEACON NOT ADJUSTED

### MOBILE STATION

### BASE STATION

OFFSET: (~~YES~~)(NO) DIST BRG

OFFSET: (~~YES~~)(NO) DIST BRG

NAME: POINT LONSDALE

NAME: PARKERS HILL

LAT: 38°17'34.3018" S LONG: 144°36'41.7719" E

LAT: 38°50'52.369" S LONG: 143°33'18.29"

X = 291126.88 M Y = 5758977.18

X = 201020.98 Y = 5694447.53

21.5 M

ELEVATION  
PROJECTION  
DATUM  
C.M.

84 M

UTM

AGD

147°E

OPERATOR: Mike Bounis

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.