

OFFSHORE NAVIGATION, INC.

271120

12

MAXIRAN CALIBRATION REPORT

DATE: 1 FEB 198

MOBILE STATION			BASE STATION		
LOCATION: <u>POINT LOUSDALE</u>			LOCATION: <u>PARKERS HILL</u>		
OPERATOR: <u>BERGSTROM / ROUNDS</u>			OPERATOR: <u>GAIR / PERKINS</u>		
UNIT	MODEL	SERIAL No.	UNIT	MODEL	SERIAL
MONITOR		* 026	BEACON	<u>NTL-01</u>	006
INTERROGATOR	<u>NTM-01</u>	* 009	CONTROL BOX		
AMPLIFIER	<u>20KW</u>		AMPLIFIER	<u>3.5 KW</u>	
AMPLIFIER P/S			AMPLIFIER P/S		
PREAMP			PREAMP		
COAX	TYPE	LENGTH	COAX	TYPE	LENGTH
	<u>RG8 ANDREWS</u>	<u>82'</u> <u>71'</u>		<u>RG8 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: 115.791 KM

COMPUTED SLANT RANGE: 110.784 KM

MOBILE ZERO SETTING IS: 5007 KM

OBSERVED RANGE IN OPERATE 110.784 KM

TIME: 1530

BEACON NOT ADJUSTED

MOBILE STATION

BASE STATION

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

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

NAME: POINT LOUSDALE

NAME: PARKERS HILL

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

LAT: 38°50'52.369"S LONG: 143°33'18.295"

X = 291126.881 Y = 5758977.18

X = 201020.98 Y = 5694447.53

21.54

84 M

ELEVATION
PROJECTION
DATUM
C.M.

UTM

AGD

147°E

OPERATOR: Mike Ben

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.