

OFFSHORE NAVIGATION, INC.

271119

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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 No.
MONITOR		<u>026</u>	BEACON	<u>NTL 01</u>	<u>067</u> <small>COR 3</small>
INTERROGATOR		<u>009</u>	CONTROL BOX		
AMPLIFIER	<u>20KW</u>		AMPLIFIER	<u>3.5KW</u>	
AMPLIFIER P/S			AMPLIFIER P/S		
PREAMP			PREAMP		
COAX	TYPE	LENGTH	COAX	TYPE	LENGTH
	<u>RG 8 ANDREWS</u>	<u>82' 71'</u>		<u>RG 8 ANDREWS</u>	<u>82' 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: 115.784 KM
 MOBILE ZERO SETTING IS: 5007 KM
 TIME: 1500

COMPUTED SLANT RANGE: 110.784 KM
 OBSERVED RANGE IN OPERATE 110.780 KM
 BEACON ADJUSTED TO READ 110.784 KM IN OPERATE

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" E

X = 291126.88 M Y = 5758977.18 M

X = 201020.98 Y = 5694447.53

21.5 M

ELEVATION
 PROJECTION
 DATUM
 C.M.

84 M
UTM
AGD
147° E

OPERATOR: Mike Brown

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.