

## OFFSHORE NAVIGATION, INC.

## MAXIRAN CALIBRATION REPORT

DATE: JAN 7th 1986

MOBILE STATION			BASE STATION		
LOCATION: <i>LOW HEAD</i>			LOCATION: <i>DOCTORS ROCK</i>		
OPERATOR: <i>BERGSTROM / MANUEL</i>			OPERATOR: <i>PERKINS / GAIR</i>		
UNIT	MODEL	SERIAL No.	UNIT	MODEL	SERIAL No.
MONITOR	<i>NMM 010</i>	<i>041</i>	BEACON		<i>067</i> CODE <i>3</i>
INTERROGATOR	<i>NTM 01</i>	<i>050</i>	CONTROL BOX		<i>024</i>
AMPLIFIER	<i>20 KW</i>	<i>026</i>	AMPLIFIER	<i>3.5 KW</i>	<i>054</i>
AMPLIFIER P/S	<i>20 KW</i>	<i>026</i>	AMPLIFIER P/S		
PREAMP			PREAMP		
COAX	TYPE	LENGTH	COAX	TYPE	LENGTH
	<i>ANDREWS RGS8</i>	<i>74' 82'</i>		<i>ANDREWS RGS8</i>	<i>74' 82'</i>
ANTENNA	TYPE	HEIGHT	ANTENNA	TYPE	HEIGHT
	<i>2+2 LPL</i>	<i>40'</i>		<i>2+2 LPL</i>	<i>20'</i>
INPUT VOLTAGE		<i>115V</i>	INPUT VOLTAGE		<i>115V</i>
TX. FREQUENCY		<i>441 MHZ</i>	TX. FREQUENCY		<i>429 MHZ</i>
RX. FREQUENCY		<i>429 MHZ</i>	RX. FREQUENCY		<i>441 MHZ</i>
RX. GAIN SETTING		<i>AGC</i>	RX. GAIN SETTING		<i>AGC</i>
WEATHER CONDITIONS		<i>FAIR</i>	WEATHER CONDITIONS		<i>FAIR</i>

OBSERVED RANGE IN CALIBRATE: ..... KM  
 COMPUTED SLANT RANGE: ..... *84.676* ..... KM  
 ∴ MOBILE ZERO SETTING IS: ..... *5007* ..... KM  
 OBSERVED RANGE IN OPERATE: *84.682 ADJ TO 84.676* ..... KM TIME: *1900* .....

SIGNED: *Mike Bergstrom*

## 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.