

OFFSHORE NAVIGATION, INC.

MAXIRAN CALIBRATION REPORT

DATE: July 12th 84

MOBILE STATION			BASE STATION		
LOCATION: <u>Doctors Rocks (OPM 430)</u>			LOCATION: <u>PT. SORELL</u>		
OPERATOR: <u>A. HOGGART</u>			OPERATOR: <u>R. ROUNDS / G. WARD</u>		
UNIT	MODEL	SERIAL No.	UNIT	MODEL	SERIAL No.
MONITOR	<u>HMM-01B</u>	<u>042</u>	BEACON	<u>NR-02</u>	<u>28</u> CODE <u>5</u>
INTERROGATOR	<u>HTM-02</u>	<u>002</u>	CONTROL BOX	<u>NCL-02</u>	<u>040</u>
AMPLIFIER	<u>NTU-02</u>	<u>006</u>	AMPLIFIER	<u>NTU-02</u>	<u>055</u>
AMPLIFIER P/S	<u>NPU-01</u>	<u>006</u>	AMPLIFIER P/S	<u>NPU-01</u>	<u>020</u>
PREAMP	<u>SAU-12</u>	<u>148</u>	PREAMP	<u>SAU-12</u>	<u>155</u>
COAX	TYPE	LENGTH	COAX	TYPE	LENGTH
ANTENNA	TYPE	HEIGHT	ANTENNA	TYPE	HEIGHT
	<u>VERT PAIR L.P.Ls</u>	<u>20'</u>		<u>VERT PAIR L.P.Ls</u>	<u>20'</u>
INPUT VOLTAGE		<u>115 VAC</u>	INPUT VOLTAGE		<u>115 VAC</u>
TX. FREQUENCY		<u>429 MHz</u>	TX. FREQUENCY		<u>429 MHz</u>
RX. FREQUENCY		<u>429 MHz</u>	RX. FREQUENCY		<u>429 MHz</u>
RX. GAIN SETTING		<u>AGC</u>	RX. GAIN SETTING		<u>AGC</u>
WEATHER CONDITIONS		<u>COLD</u>	WEATHER CONDITIONS		<u>COLD</u>

OBSERVED RANGE IN CALIBRATE: 72.971 KM

COMPUTED SLANT RANGE: 63.753 KM

MOBILE ZERO SETTING IS: 9.218 KM

OBSERVED RANGE IN OPERATE: 63.753 KM TIME: 1015

SIGNED: A. Hoggart

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.