

APPENDIX A

Summary of Measurement Data

**TABULATION OF MEASURED CONDUCTIVITY DATA
WWRC - WASHINGTON, D.C.
1260 kHz - 25 kW D/5 kW N - DA-2**

<u>Source</u>	<u>Azimuth (deg. T.)</u>	<u>σ (mS/m)</u>	<u>Distance From Transmitter to End of Conductivity (km)</u>
See Appendix B	10.0	1.0	16.00
		0.1	81.29
See Appendix B	30.0	1.0	15.00
		0.5	26.00
		1.0	67.00
		0.1	80.31
WWRC BL-19870922AB	52.0	1.5	12.60
		1.0	32.10
WWRC BL-19870922AB	90.0	1.0	5.10
		1.5	31.60
See Appendix B	115.0	1.5	2.90
		0.5	10.50
		1.0	15.50
		0.5	24.00
		0.1	49.50
See Appendix B	135.0	0.1	65.48
See Appendix B	155.0	0.1	96.66
See Appendix B	175.0	2.0	3.20
		1.0	5.00
		0.1	13.90
		1.5	33.70
		0.1	60.51

**TABULATION OF MEASURED CONDUCTIVITY DATA
WWRC - WASHINGTON, D.C.
1260 kHz - 25 kW D/5 kW N - DA-2**

<u>Source</u>	<u>Azimuth (deg. T.)</u>	<u>σ (mS/m)</u>	<u>Distance From Transmitter to End of Conductivity (km)</u>
See Appendix B	195.0	0.1	83.04
See Appendix B	215.0	0.5	14.00
		1.0	36.60
		0.1	87.87
See Appendix B	235.0	1.5	2.70
		1.0	7.20
		0.1	62.28
See Appendix B	255.0	0.1	23.60
		0.5	31.30
		1.0	46.00
		0.1	73.55
See Appendix B	275.0	0.1	56.81
See Appendix B	295.0	1.5	1.00
		0.5	2.30
		0.1	45.38
See Appendix B	325.0	0.5	3.20
		0.1	13.00
		1.0	24.00
		0.1	50.00
		0.5	70.38
See Appendix B	345.0	0.1	91.28
See Appendix B	350.0	1.0	1.00
		0.1	64.29

**TABULATION OF MEASURED CONDUCTIVITY DATA
WKDL - WARRENTON, VIRGINIA
1250 kHz - 3.0 kW D/0.125 kW N - DA-2**

<u>Source</u>	<u>Azimuth (deg. T.)</u>	<u>σ (mS/m)</u>	<u>Distance From Transmitter to End of Conductivity (km)</u>
See Appendix B	0.0	0.5	52.70
		0.1	59.06
See Appendix B	20.0	1.0	2.90
		1.5	7.90
		1.0	15.40
		0.1	41.40
		1.0	83.20
See Appendix B	40.0	1.5	29.00
		2.0	79.90
		1.0	94.15
See Appendix B	60.0	1.5	40.20
		1.0	60.67
See Appendix B	80.0	0.5	5.00
		1.0	11.10
		1.5	32.10
		0.1	70.97
See Appendix B	100.0	1.0	27.20
		0.1	104.45
See Appendix B	120.0	1.5	29.50
		0.1	84.33
See Appendix B	140.0	1.0	3.30
		0.5	11.50
		1.5	27.40
		0.1	80.15

**TABULATION OF MEASURED CONDUCTIVITY DATA
WCHV - CHARLOTTESVILLE, VIRGINIA
1260 kHz - 5.0 kW D/2.5 kW N - DA-2**

<u>Source</u>	<u>Azimuth (deg. T.)</u>	<u>σ (mS/m)</u>	<u>Distance From Transmitter to End of Conductivity (km)</u>
WKDL BP-20070118ABY	0.0	0.1	62.10
WKDL BP-20070118ABY	20.0	1.0 0.1	18.00 62.90
WKDL BP-20070118ABY	40.0	0.5 1.0	50.00 59.50
WKDL BP-20070118ABY	49.0	0.5 1.0 0.5 1.0 1.5	1.00 20.00 40.00 56.00 72.60
WKDL BP-20070118ABY	53.0	1.0 0.5 1.5	8.00 20.00 65.20
WCHV BL-19860114AA	60.0	3.0 1.5	3.70 31.10
WCHV BL-19860114AA	87.0	2.0 1.5 3.0 1.0	2.10 5.10 16.10 33.80

TABULATION OF MEASURED CONDUCTIVITY DATA
WCHV - CHARLOTTESVILLE, VIRGINIA
1260 kHz - 5.0 kW D/2.5 kW N - DA-2
(continued)

<u>Source</u>	<u>Azimuth (deg. T.)</u>	<u>σ (mS/m)</u>	<u>Distance From Transmitter to End of Conductivity (km)</u>
WCHV BL-19860114AA	105.0	1.5	29.80
WCHV BL-19860114AA	140.0	1.0	1.60
		0.5	4.80
		1.0	7.20
		2.0	14.50
		0.5	26.90
WCHV BL-19860114AA	179.0	0.5	1.30
		1.5	4.80
		0.1	7.20
		1.5	23.80
		0.5	27.50
WCHV BP-122082	217.0	3.0	16.10
		2.0	23.00
WCHV BL-19860114AA	220.0	0.5	33.80
WCHV BL-19860114AA	255.0	2.0	1.10
		1.0	2.70
		1.5	17.70
		2.0	30.60
		1.0	35.40
WCHV BL-19860114AA	271.0	0.5	3.10
		1.5	36.20

TABULATION OF MEASURED CONDUCTIVITY DATA
WCHV - CHARLOTTESVILLE, VIRGINIA
1260 kHz - 5.0 kW D/2.5 kW N - DA-2
(continued)

<u>Source</u>	<u>Azimuth (deg. T.)</u>	<u>σ (mS/m)</u>	<u>Distance From Transmitter to End of Conductivity (km)</u>
WCHV BL-19860114AA	289.0	1.0	28.00
WCHV BL-19860114AA	300.0	1.0	27.40
WCHV BL-19860114AA	320.0	1.0	1.80
		1.5	6.40
		1.0	26.70
WKDL BP-20070118ABY	340.0	0.5	20.00
		1.0	30.00
		0.1	62.90
WKDL BP-20070118ABY	344.0	1.0	5.00
		0.5	9.00
		0.1	65.30

**TABULATION OF MEASURED CONDUCTIVITY DATA
WPHB - PHILIPSBURG, PENNSYLVANIA
1260 kHz - 5.0 kW D/0.34 kW N - ND-1**

<u>Source</u>	<u>Azimuth (deg. T.)</u>	<u>σ (mS/m)</u>	<u>Distance From Transmitter to End of Conductivity (km)</u>
See Appendix B	125.0	0.1	52.51
See Appendix B	145.0	1.0	3.10
		0.1	97.90
		1.0	122.10
		0.1	131.00
See Appendix B	165.0	0.1	113.78
See Appendix B	185.0	0.5	7.57
		0.1	50.65
See Appendix B	205.0	1.0	11.80
		0.1	38.24

**TABULATION OF MEASURED CONDUCTIVITY DATA
WNWK - NEWARK, DELEWARE
1260 kHz - 1.0 kW D/0.042 kW N - ND-1**

<u>Source</u>	<u>Azimuth (deg. T.)</u>	<u>σ (mS/m)</u>	<u>Distance From Transmitter to End of Conductivity (km)</u>
WNWK BP-21258	22.0	3.0	68.90
WNWK BL-19800208AA	42.5	4.0	32.80
WNWK BL-19800208AA	54.5	3.0 4.0	4.50 21.90
WNWK BL-19800208AA	67.0	3.0 4.0	17.10 32.20
WNWK BP-21258	107.0	2.0 6.0 3.0	9.20 33.10 38.50
WNWK BL-19800208AA	110.0	3.0 7.0	9.30 30.40
WNWK BL-19800208AA	137.0	3.0 4.0 8.0	8.60 20.40 27.70
WNWK BL-19800208AA	170.0	3.0 4.0	10.60 33.00
WNWK BL-19800208AA	207.0	3.0 4.0	11.40 32.30

TABULATION OF MEASURED CONDUCTIVITY DATA
WNWK - NEWARK, DELEWARE
1260 kHz - 1.0 kW D/0.042 kW N - ND-1
 (continued)

<u>Source</u>	<u>Azimuth (deg. T.)</u>	<u>σ (mS/m)</u>	<u>Distance From Transmitter to End of Conductivity (km)</u>
WNWK BL-19800208AA	219.5	3.0	34.00
WNWK BL-19800208AA	231.0	3.0	4.60
		2.0	22.00
		3.0	29.30
WNWK BL-19800208AA	280.0	3.0	33.20
WNWK BL-19800208AA	317.0	3.0	32.30
WNWK BL-19800208AA	350.0	3.0	32.20