

DIRECTIONAL ANTENNA DATA

TABLE #1

<u>Actual Bearing</u>	<u>Pattern Azimuth</u>	<u>Relative Field</u>	<u>ERP (dBk)</u>	<u>CONTOURS(km)</u>	
				<u>41 dBu</u>	<u>48 dBu</u>
N000E	0	0.729	13.95	55.9 km	47.8 km
	10	0.739	14.07		
	20	0.778	14.51		
	30	0.836	15.14		
	40	0.899	15.77		
N045E	45	0.927	16.03	55.9 km	47.9 km
	50	0.955	16.29		
	60	0.993	16.63		
	70	0.999	16.68		
	80	0.974	16.46		
N090E	90	0.919	15.96	62.4 km	54.9 km
	100	0.833	15.11		
	110	0.717	13.80		
	120	0.585	12.04		
	130	0.446	9.68		
N135E	135	0.386	8.42	65.8 km	58.8 km
	140	0.326	6.96		
	150	0.259	4.96		
	160	0.259	4.96		
	170	0.289	5.91		
N180E	180	0.305	6.38	62.7 km	55.6 km
	190	0.289	5.91		
	200	0.259	4.96		
	210	0.259	4.96		
	220	0.326	6.96		
N225E	225	0.386	8.42	65.0 km	58.0 km
	230	0.446	9.68		
	240	0.585	12.04		
	250	0.717	13.80		
	260	0.833	15.11		
N270E	270	0.919	15.96	65.5 km	58.4 km
	280	0.974	16.46		
	290	0.999	16.68		
	300	0.993	16.63		
	310	0.955	16.29		
N315E	315	0.927	16.03	64.4 km	57.1 km
	320	0.899	15.77		
	330	0.836	15.14		
	340	0.778	14.51		
	350	0.739	14.07		

Maxima: N67E 16.69 dBk

N293E 16.69 dBk

Minima: N155E 04.96 dBk

N205E 04.96 dBk