TECHNICAL EXHIBIT
APPLICATION FOR MODIFICATION OF
CONSTRUCTION PERMIT
TELEVISION STATION WLNE-DT
NEW BEDFORD, MASSACHUSETTS

March 15, 2004

CHANNEL 49 350 KW (MAX-DA) 284 M

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Technical Statement

This Technical Exhibit was prepared on behalf of digital television broadcast station WLNE-DT, New Bedford, Massachusetts, in support of an application for modification of construction permit (See FCC File No. BPCDT-19991026ACC). WLNE-DT is authorized for operation on Channel 49 with a non-directional effective radiated power (ERP) of 380 kW and antenna height above average terrain (HAAT) of 264 m. The purpose of this application is to increase the antenna height and to specify a directional antenna operation with maximum ERP of 350 kW.

As described in detail herein, the proposed operation meets the *de minimis* interference protection requirements as outlined FCC's DTV Processing Guidelines,[*] the FCC's *Second Memorandum Opinion and Order*,[†] and the DTV *Report and Order and Further Notice of Proposed Rule Making*.[‡]

Proposed Facilities

The proposed facility will employ a Dielectric model TFU-24DSB-R 4C170 TC transmitting antenna, which will be shared with WJAR-DT, Providence,

[*] See FCC *Public Notice*, "Additional Application Processing Guidelines for Digital Television (DTV)", Released: August 10, 1998.
[†] See *Second Memorandum Opinion and Order on Reconsideration of the Fifth and Sixth Report and Orders*, FCC-98-315, Released: December 18, 1998.
[‡] See *Report and Order and Further Notice of Proposed Rule Making* in MM Docket No. 00-39, FCC 01-24, released January 19, 2001.

Rhode Island (Channel 51). The antenna is mounted with a center of radiation at 253 m above ground level and 313 m above mean sea level. The antenna radiation center HAAT is calculated to be 284 m based on the U.S.G.S. 3-second computer database. Technical specifications for the proposed operation are included herein as Figure 1.

The proposed facility provides minimum 48 dBu, f(50,90), coverage of New Bedford in compliance with Section 73.625(a)(1) of the FCC Rules, as adopted by the FCC in MM Docket No. 00-39. Figure 2 herein is a map depicting the predicted coverage contours of the proposed facility.

The proposed facility meets the maximum permissible ERP requirements for UHF DTV stations as outlined in Section 73.622(f)(8)(i) of the FCC Rules. According to this section of the Rules, considering a proposed antenna HAAT for the proposed WLNE-DT facility of 284 m, the maximum permissible ERP is 1000 kW.

The proposed transmitter is located 351 km from the closest point on the border the Canada and it is within the Canadian coordination zone. The closest FCC Monitoring station is located at Belfast, Maine at a distance of 338 km at a bearing of 31°True. The facility is located more than 674 km from the National Radio Quiet Zone in West Virginia. The proposal is located more than 3.2 km from the closest AM broadcast facility.

No adverse electromagnetic impact is expected as a result of the proposed operation. However, the applicant recognizes its responsibility to correct objectionable electromagnetic interference problems that result from its proposed operation.

Tower Registration

The proposed antenna structure has been registered with the FCC. The FCC antenna structure registration number is 1005123. There will be no change in the overall height of the antenna structure as a result of the instant proposal.

Domestic Allocation Considerations

The proposed WLNE-DT Channel 49 facility meets the requirements of Section 73.623 of the FCC Rules concerning predicted interference to other existing U.S. NTSC facilities and U.S. DTV allotments and assignments. Longley-Rice interference analyses were conducted pursuant to the requirements of the FCC Rules; OET Bulletin No. 69; and published FCC guidelines for preparation of such interference analyses. The Longley-Rice interference analyses were conducted using the software maintained by du Treil, Lundin & Rackley, Inc. based on the FCC published software routines.[§] Stations selected for analysis were determined pursuant to the distance requirements outlined in the FCC DTV Processing Guidelines Public Notice. Accordingly, co-channel DTV and NTSC stations within 429 km and 407 km, respectively, were examined for potential interference; and first-adjacent DTV and NTSC stations within 229 km and 207 km, respectively, were examined for potential interference. Analog taboo-related NTSC stations within 142 km were examined for potential interference. The results of the interference analyses for the proposed WLNE-DT facility are summarized herein at Figure 3. As indicated therein, the proposed facility will meet the 2%/10% criterion outlined in the FCC Rules and published guidelines with respect to all considered stations.

§ The duTreil, Lundin & Rackley, Inc. DTV interference analysis program is a precise implementation of the procedures outlined by the FCC in the Sixth Report and Order; subsequent Memorandum Opinion and Order; and FCC OET Bulletin No. 69. A nominal grid size resolution of 2 km was employed.

With respect to Class A TV station protection, the proposal has been evaluated according to the requirements of Section 73.623(c)(5) of the FCC Rules. The analysis reveals two potentially affected Class A TV station facility records, as follows:

WRIW-LP, Providence, RI, Channel 50 (FCC File No. BPTTA-20030425ABC)
WRIW-LP, Providence, RI, Channel 50 (FCC File No. BLTTL-19990104JC)

A contour analysis indicates that there would be prohibited contour overlap between the proposed WLNE-DT facility and both of the WRIW-LP facilities. However, the applicant requests a waiver pursuant to Section 73.623(c)(5)(iii) of the FCC Rules to permit the use of the Longley-Rice terrain dependent propagation model as described in FCC OET Bulletin No. 69. An analysis of predicted interference with respect to both of the WRIW-LP facilities prepared according to OET Bulletin No. 69 reveals no additional net predicted interference to the WRIW-LP facilities (See Figure 5).

Environmental Considerations

An evaluation was conducted for the proposed facility concerning compliance with Section 1.1307(b) of the FCC Rules regarding human exposure to radio frequency (RF) energy.[**] Calculations prepared in accordance with FCC Bulletin OET-65 (Edition 97-01) indicate that the proposal will not result in human exposure to RF radiation at ground level in excess of FCC standards. Power density calculations were conducted at 2-m above ground[††] based on the following conservative assumptions, with the following results:

[**] See FCC Office of Engineering and Technology Bulletin No. 56 for background information on non-ionizing RF energy of the type discussed here. Internet web reference: http://www.fcc.gov/Bureaus/Engineering_Technology/Documents/bulletins/oet56/oet56e4.pdf
†† The antenna radiation center height above ground is 253 m.

Call Sign	Channel	Total Average ERP (kW)	Relative Field Factor‡‡	FCC Limit§§ (mW/cm^2)	Percentage of Limit
WLNE-DT	49	350	0.20	0.455	1.6%

As indicated above, the total exposure to RF radiation at 2-m above ground level will not exceed 1.6% of the FCC limit for general population / uncontrolled exposure. Therefore, the proposal complies with the FCC limits for human exposure to RF energy and it is categorically excluded from environmental processing. The applicant, in coordination with other users of the transmission facility, shall reduce power or cease operation as necessary to protect persons having access to the WLNE-DT tower or antenna from radio frequency radiation in excess of the FCC guidelines.

Louis Robert du Treil, Jr.

du Treil, Lundin & Rackley, Inc.
201 Fletcher Ave.
Sarasota, FL 34237-6019

March 15, 2004

‡‡ This is a conservative estimate of the relative field factor in the downward direction.
§§ for general population/uncontrolled environments

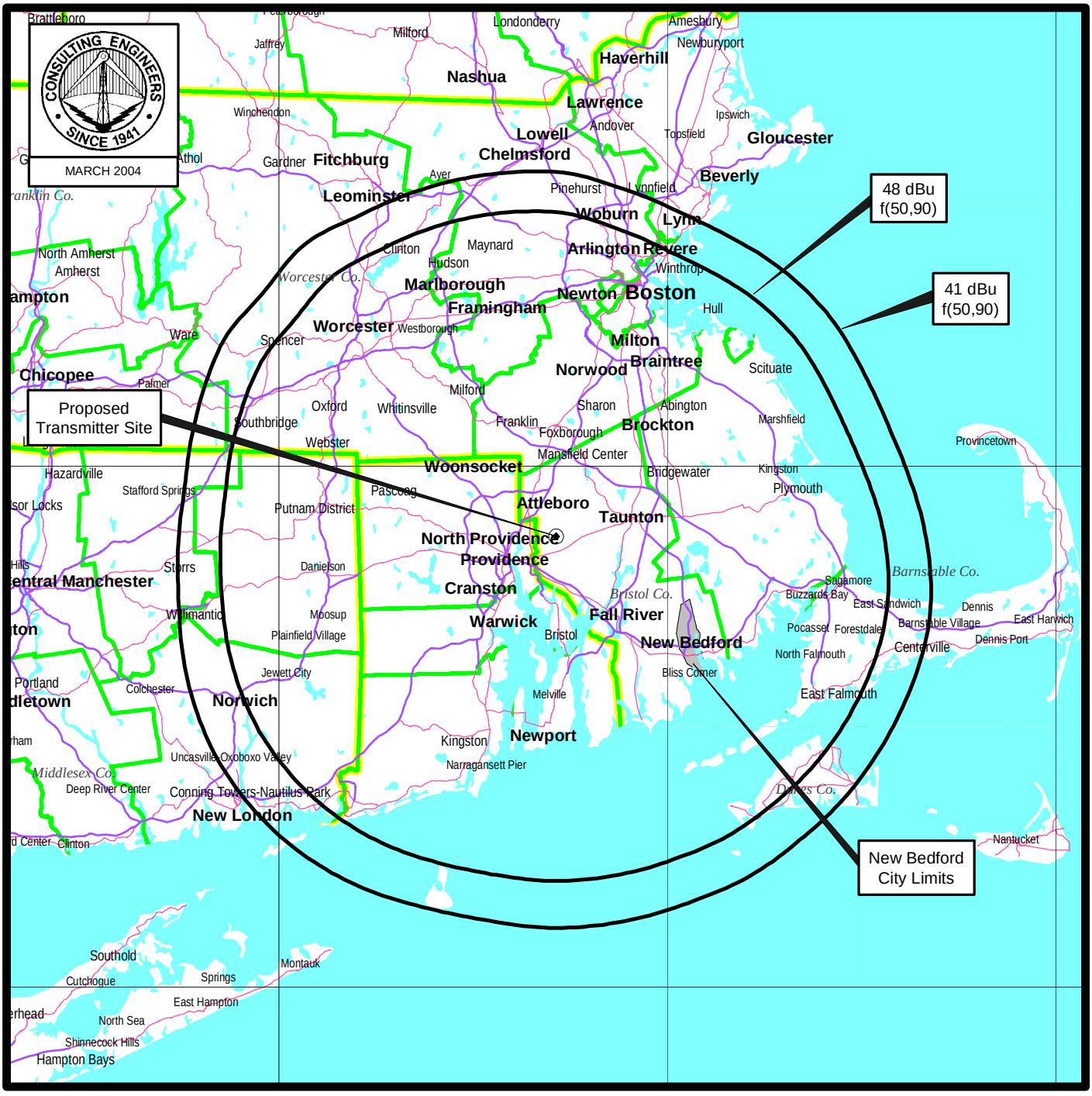
Figure 1

TECHNICAL EXHIBIT
APPLICATION FOR MODIFICATION OF CONSTRUCTION PERMIT
TELEVISION STATION WLNE-DT
NEW BEDFORD, MASSACHUSETTS
CHANNEL 49 350 KW (MAX-DA) 284 M

Technical Specifications

Channel / Frequency Band	49 / 680-686 MHz
Site Coordinates (NAD 27)	41°51'54" North Latitude 71°17'15" West Longitude
Site elevation	60 m AMSL
Average elevation of standard eight radials, 3 to 16 km (to the nearest meter)	29 m AMSL
Overall height of existing structure	289 m AGL / 349 m AMSL
Height of antenna radiation center (to the nearest meter)	253 m AGL / 313 m AMSL
Antenna radiation center HAAT (to the nearest meter)	284 m
ASRN	1005123

Proposed Operation	
Parameter	DTV
Transmitter power output	11.25 dBk (13.3 kW)
Combiner (Dielectric)	0.25 dB
Transmission line loss (Dielectric, 6-1/8-inch EIA 50-ohm, 320-m)	1.43 dB
Antenna input power	9.57 dBk
Antenna gain (Dielectric, TFU-24DSB-R 4C170 TC)	15.83 dB
Effective radiated power (ERP)	25.4 dBk (350 kW)



PREDICTED COVERAGE CONTOURS

TELEVISION STATION WLNE-DT
NEW BEDFORD, MASSACHUSETTS
CHANNEL 49 350 KW (MAX-DA) 284 M

du Treil, Lundin & Rackley, Inc. Sarasota, Florida

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Summary of Allocation Analysis

Stations Potentially Affected by Proposed Station							
Facility Number	Channel	Call	City State	Distance (km)	Status	Application Prefix	Application Reference Number
1	34	WNEU	MERRIMACK NH	126.8	APP	BPCT	20020123AAE
2	46	WWDP	NORWELL MA	26.0	LIC	BLCT	19970116KE
3	48	WYDN	WORCESTER MA	70.1	LIC	BLET	20001226AAM
4	48	WRNN-TV	KINGSTON NY	224.9	APP	BMPCDT	20040203AAJ
5	48	WRNN-TV	KINGSTON NY	224.9	CP	BPCDT	20020130AAQ
6	48	WRNNTV	KINGSTON NY	224.8	APP	BPRM	20000328AAV
7	49	WEDW	BRIDGEPORT CT	170.8	LIC	BLET	19870908KE
8	49	WEKW-DT	KEENE NH	157.2	PLN	DTVPLN	DTVP1425
9	49	WLED-TV	LITTLETON NH	278.9	LIC	BLET	19980123KJ
10	49	WWSI	ATLANTIC CITY NJ	358.1	LIC	BLCDT	20020812ABS

Figure 3
Sheet 1 of 4

Stations Potentially Affected by Proposed Station							
Facility Number	Channel	Call	City State	Distance (km)	Status	Application Prefix	Application Reference Number
11	49	WACI-DT	ATLANTIC CITY NJ	354.2	PLN	DTVPLN	DTVP1426
12	49	WNEP-DT	SCRANTON PA	389.0	PLN	DTVPLN	DTVP1429
13	49	WNEP-TV	SCRANTON PA	388.7	CP	BPCDT	19990729KF
14	49	WNEP-TV	SCRANTON PA	388.7	LIC	BLCDT	20020807AAF
15	50	WNDS	DERRY NH	97.1	LIC	BLCT	19831012KG
16	50	WRIW-LP	PROVIDENCE RI	16.8	CP	BPTTA	20030425ABC
17	50	WRIW-LP	PROVIDENCE RI	23.4	LIC	BLTTL	19990104JC
18	53	WEDN	NORWICH CT	82.5	CP	BPET	20011003ABH
19	53	WEDN	NORWICH CT	82.5	LIC	BLET	19860124KI
20	56	WLVI-TV	CAMBRIDGE MA	49.0	LIC	BLCT	2080
21	57	WGBY-TV	SPRINGFIELD MA	119.9	LIC	BLET	345
22	57	WGBY-TV	SPRINGFIELD MA	119.9	CP MOD	BMPET	19910624KF

Summary of Interference Analysis for Worst-Case Scenarios							
Facility Number	Interference Population Before Analysis	Interference Population After Analysis	Baseline Population	Net Change in Interference	Percent of Baseline	Permissible Percent of Baseline	Result
1	--	--	--	*	0.000	--	pass
2	894787	913262	2659524	18475	0.695	0.922	pass
3	1910489	1904735	4940921	-5754	-0.116	0.050	pass
4	--	--	--	*	0.000	--	pass
5	--	--	--	*	0.000	--	pass
6	--	--	--	*	0.000	--	pass
7	563209	313177	3822554	-250032	-6.541	0.050	pass
8	17247	16215	203546	-1032	-0.507	2.000	pass
9	--	--	--	*	0.000	--	pass
10	--	--	--	*	0.000	--	pass
11	--	--	--	*	0.000	--	pass
12	--	--	--	*	0.000	--	pass
13	--	--	--	*	0.000	--	pass
14	--	--	--	*	0.000	--	pass
15	524784	524784	3324849	0	0.000	0.050	pass
16	--	--	--	*	0.000	--	pass
17	31907	22842	660454	-9065	-1.373	2.000	pass

* There is no interference predicted.

Summary of Interference Analysis for Worst-Case Scenarios							
Facility Number	Interference Population Before Analysis	Interference Population After Analysis	Baseline Population	Net Change in Interference	Percent of Baseline	Permissible Percent of Baseline	Result
18	55338	42568	513359	-12770	-2.488	0.109	pass
19	--	--	--	*	0.000	--	pass
20	--	--	--	*	0.000	--	pass
21	263668	263347	6014509	-321	-0.005	2.000	pass
22	--	--	--	*	0.000	--	pass

* There is no interference predicted.

Figure 3
Sheet 4 of 4

Appendix

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TELEVISION STATION WLNE-DT
NEW BEDFORD, MASSACHUSETTS
CHANNEL 49 350 KW (MAX-DA) 284 M

Transmitting Antenna
Manufacturer's Pattern Data

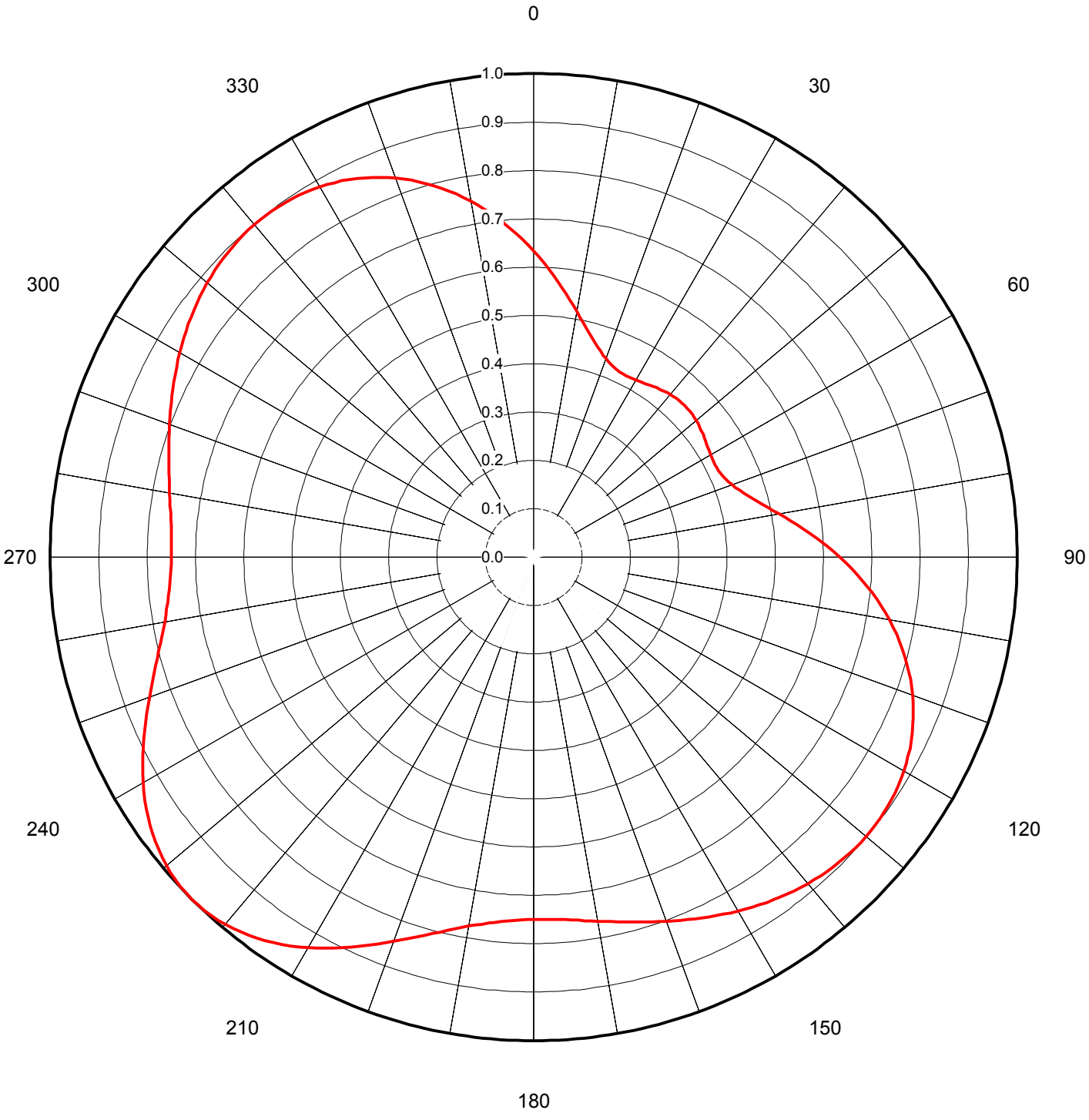
(four pages follow)

Dielectric

Proposal Number	**DCA-10098**
Date	**12-Nov-02**
Call Letters	**WJAR-DT-DT** Channel **49**
Location	**Providence, RI**
Customer	
Antenna Type	**TFU-24DSB-R 4C170 TC**

AZIMUTH PATTERN

Gain	**1.70**	**(2.30 dB)**	Frequency	**683.00 MHz**
Calculated / Measured		**Calculated**	Drawing #	**TFU-4C170-49**



Dielectric

Proposal Number	**DCA-10098**
Date	**12-Nov-02**
Call Letters	**WJAR-DT-DT** Channel **49**
Location	**Providence, RI**
Customer	
Antenna Type	**TFU-24DSB-R 4C170 TC**

TABULATION OF AZIMUTH PATTERN

Azimuth Pattern Drawing #: **TFU-4C170-49**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
0	0.633	45	0.443	90	0.633	135	0.893	180	0.749	225	1.000	270	0.749	315	0.893
1	0.621	46	0.443	91	0.645	136	0.891	181	0.750	226	0.999	271	0.749	316	0.894
2	0.609	47	0.442	92	0.657	137	0.889	182	0.751	227	0.999	272	0.750	317	0.896
3	0.596	48	0.441	93	0.669	138	0.887	183	0.752	228	0.997	273	0.750	318	0.897
4	0.584	49	0.441	94	0.681	139	0.884	184	0.754	229	0.995	274	0.751	319	0.898
5	0.572	50	0.439	95	0.693	140	0.881	185	0.756	230	0.991	275	0.753	320	0.898
6	0.561	51	0.438	96	0.704	141	0.878	186	0.759	231	0.988	276	0.755	321	0.898
7	0.549	52	0.436	97	0.715	142	0.875	187	0.762	232	0.984	277	0.756	322	0.898
8	0.538	53	0.435	98	0.726	143	0.872	188	0.766	233	0.979	278	0.759	323	0.898
9	0.526	54	0.433	99	0.737	144	0.868	189	0.770	234	0.974	279	0.761	324	0.896
10	0.516	55	0.431	100	0.747	145	0.865	190	0.775	235	0.968	280	0.764	325	0.895
11	0.505	56	0.429	101	0.758	146	0.861	191	0.780	236	0.962	281	0.767	326	0.894
12	0.495	57	0.427	102	0.767	147	0.857	192	0.786	237	0.955	282	0.771	327	0.892
13	0.486	58	0.426	103	0.777	148	0.853	193	0.792	238	0.948	283	0.774	328	0.890
14	0.477	59	0.424	104	0.786	149	0.849	194	0.799	239	0.940	284	0.778	329	0.887
15	0.468	60	0.423	105	0.795	150	0.845	195	0.806	240	0.932	285	0.781	330	0.884
16	0.461	61	0.422	106	0.803	151	0.841	196	0.813	241	0.924	286	0.785	331	0.881
17	0.454	62	0.421	107	0.812	152	0.836	197	0.821	242	0.916	287	0.789	332	0.877
18	0.448	63	0.421	108	0.819	153	0.832	198	0.829	243	0.907	288	0.793	333	0.873
19	0.442	64	0.422	109	0.827	154	0.828	199	0.837	244	0.899	289	0.797	334	0.869
20	0.437	65	0.422	110	0.834	155	0.823	200	0.846	245	0.890	290	0.802	335	0.864
21	0.432	66	0.424	111	0.841	156	0.819	201	0.854	246	0.881	291	0.806	336	0.858
22	0.429	67	0.426	112	0.847	157	0.815	202	0.863	247	0.872	292	0.810	337	0.853
23	0.426	68	0.429	113	0.853	158	0.810	203	0.872	248	0.863	293	0.815	338	0.847
24	0.424	69	0.432	114	0.858	159	0.806	204	0.881	249	0.854	294	0.819	339	0.841
25	0.422	70	0.437	115	0.864	160	0.802	205	0.890	250	0.846	295	0.823	340	0.834
26	0.422	71	0.442	116	0.869	161	0.797	206	0.899	251	0.837	296	0.828	341	0.827
27	0.421	72	0.448	117	0.873	162	0.793	207	0.907	252	0.829	297	0.832	342	0.819
28	0.421	73	0.454	118	0.877	163	0.789	208	0.916	253	0.821	298	0.836	343	0.812
29	0.422	74	0.461	119	0.881	164	0.785	209	0.924	254	0.813	299	0.841	344	0.803
30	0.423	75	0.468	120	0.884	165	0.781	210	0.932	255	0.806	300	0.845	345	0.795
31	0.424	76	0.477	121	0.887	166	0.778	211	0.940	256	0.799	301	0.849	346	0.786
32	0.426	77	0.486	122	0.890	167	0.774	212	0.948	257	0.792	302	0.853	347	0.777
33	0.427	78	0.495	123	0.892	168	0.771	213	0.955	258	0.786	303	0.857	348	0.767
34	0.429	79	0.505	124	0.894	169	0.767	214	0.962	259	0.780	304	0.861	349	0.758
35	0.431	80	0.516	125	0.895	170	0.764	215	0.968	260	0.775	305	0.865	350	0.747
36	0.433	81	0.526	126	0.897	171	0.761	216	0.974	261	0.770	306	0.868	351	0.737
37	0.435	82	0.538	127	0.898	172	0.759	217	0.979	262	0.766	307	0.872	352	0.726
38	0.436	83	0.549	128	0.898	173	0.756	218	0.984	263	0.762	308	0.875	353	0.715
39	0.438	84	0.561	129	0.898	174	0.755	219	0.988	264	0.759	309	0.878	354	0.704
40	0.439	85	0.572	130	0.898	175	0.753	220	0.991	265	0.756	310	0.881	355	0.693
41	0.441	86	0.584	131	0.898	176	0.751	221	0.995	266	0.754	311	0.884	356	0.681
42	0.441	87	0.596	132	0.897	177	0.750	222	0.997	267	0.752	312	0.887	357	0.669
43	0.442	88	0.609	133	0.896	178	0.750	223	0.999	268	0.751	313	0.889	358	0.657
44	0.443	89	0.621	134	0.894	179	0.749	224	0.999	269	0.750	314	0.891	359	0.645

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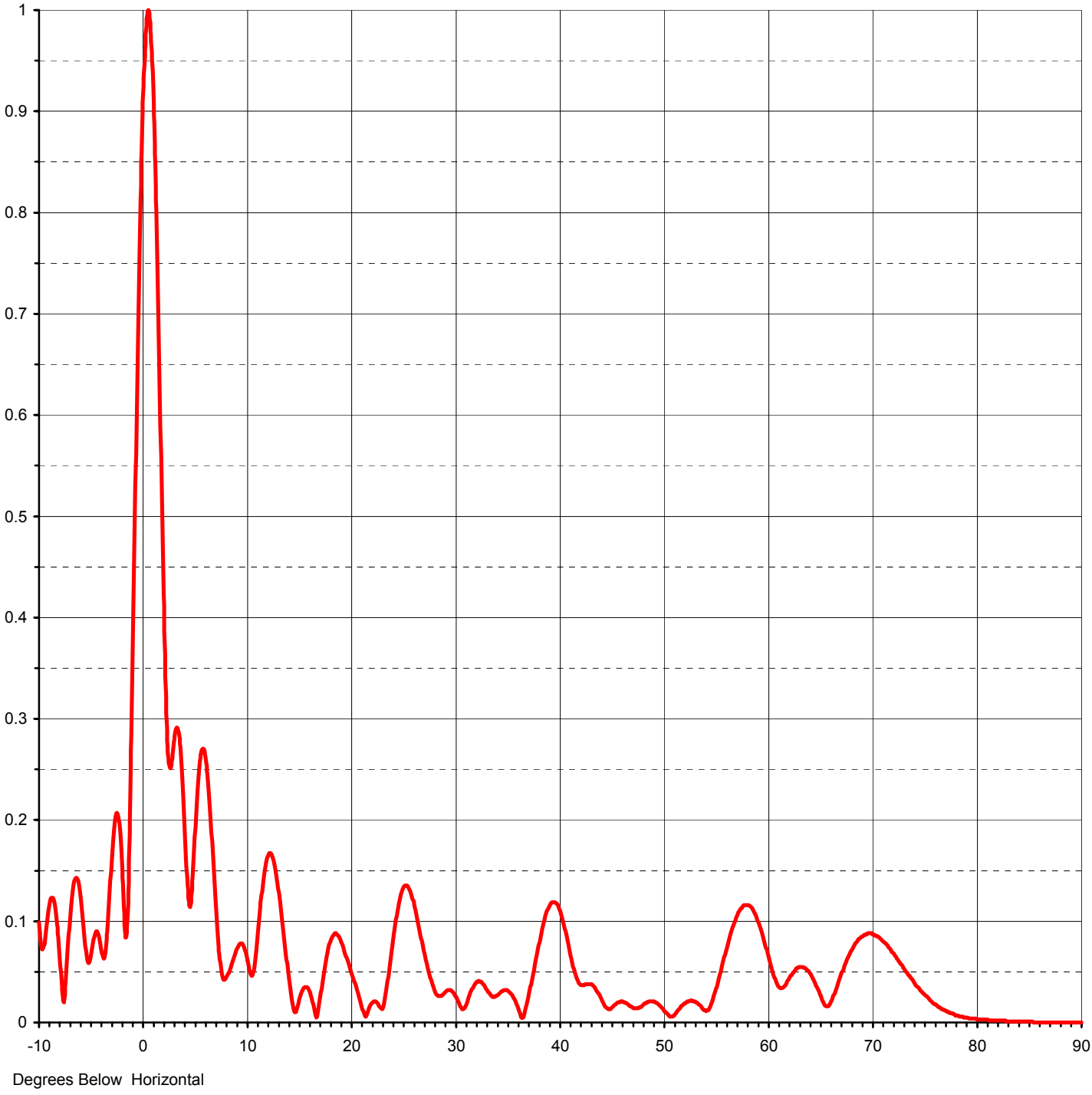
Date	**12-Nov-02**
Call Letters	**WJAR-DT-DT** Channel **49**
Location	**Providence, RI**
Customer	
Antenna Type	**TFU-24DSB-R 4C170 TC**

ELEVATION PATTERN

RMS Gain at Main Lobe	**22.50 (13.52 dB)**	Beam Tilt	**0.50 deg**
RMS Gain at Horizontal	**18.80 (12.74 dB)**	Frequency	**683.00 MHz**
Calculated / Measured	**Calculated**	Drawing #	**24B22505L-90**



Dielectric

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Location **Providence, RI**
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Antenna Type **TFU-24DSB-R 4C170 TC**

TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing #: **24B22505L-90**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.080	2.4	0.276	10.6	0.046	30.5	0.032	51.0	0.007	71.5	0.063
-9.5	0.090	2.6	0.257	10.8	0.045	31.0	0.027	51.5	0.006	72.0	0.065
-9.0	0.122	2.8	0.266	11.0	0.055	31.5	0.021	52.0	0.003	72.5	0.065
-8.5	0.106	3.0	0.284	11.5	0.105	32.0	0.019	52.5	0.001	73.0	0.064
-8.0	0.043	3.2	0.295	12.0	0.149	32.5	0.022	53.0	0.004	73.5	0.061
-7.5	0.051	3.4	0.293	12.5	0.165	33.0	0.023	53.5	0.009	74.0	0.058
-7.0	0.117	3.6	0.276	13.0	0.150	33.5	0.022	54.0	0.012	74.5	0.053
-6.5	0.134	3.8	0.245	13.5	0.113	34.0	0.020	54.5	0.013	75.0	0.049
-6.0	0.094	4.0	0.203	14.0	0.069	34.5	0.022	55.0	0.012	75.5	0.044
-5.5	0.018	4.2	0.159	14.5	0.029	35.0	0.024	55.5	0.011	76.0	0.039
-5.0	0.061	4.4	0.125	15.0	0.008	35.5	0.024	56.0	0.015	76.5	0.035
-4.5	0.092	4.6	0.119	15.5	0.023	36.0	0.021	56.5	0.027	77.0	0.030
-4.0	0.067	4.8	0.145	16.0	0.030	36.5	0.014	57.0	0.043	77.5	0.026
-3.5	0.082	5.0	0.184	16.5	0.023	37.0	0.005	57.5	0.060	78.0	0.022
-3.0	0.168	5.2	0.221	17.0	0.003	37.5	0.009	58.0	0.076	78.5	0.019
-2.8	0.194	5.4	0.250	17.5	0.030	38.0	0.029	58.5	0.090	79.0	0.016
-2.6	0.207	5.6	0.268	18.0	0.059	38.5	0.053	59.0	0.099	79.5	0.013
-2.4	0.204	5.8	0.273	18.5	0.078	39.0	0.079	59.5	0.104	80.0	0.011
-2.2	0.184	6.0	0.266	19.0	0.083	39.5	0.101	60.0	0.103	80.5	0.009
-2.0	0.145	6.2	0.247	19.5	0.076	40.0	0.115	60.5	0.097	81.0	0.007
-1.8	0.097	6.4	0.220	20.0	0.063	40.5	0.117	61.0	0.085	81.5	0.006
-1.6	0.081	6.6	0.186	20.5	0.048	41.0	0.108	61.5	0.071	82.0	0.005
-1.4	0.148	6.8	0.149	21.0	0.031	41.5	0.089	62.0	0.055	82.5	0.004
-1.2	0.254	7.0	0.110	21.5	0.012	42.0	0.065	62.5	0.040	83.0	0.003
-1.0	0.374	7.2	0.073	22.0	0.011	42.5	0.046	63.0	0.030	83.5	0.002
-0.8	0.499	7.4	0.040	22.5	0.023	43.0	0.038	63.5	0.031	84.0	0.002
-0.6	0.621	7.6	0.013	23.0	0.021	43.5	0.040	64.0	0.037	84.5	0.002
-0.4	0.735	7.8	0.014	23.5	0.013	44.0	0.040	64.5	0.044	85.0	0.001
-0.2	0.834	8.0	0.028	24.0	0.040	44.5	0.035	65.0	0.048	85.5	0.001
0.0	0.913	8.2	0.038	24.5	0.079	45.0	0.025	65.5	0.047	86.0	0.001
0.2	0.968	8.4	0.044	25.0	0.113	45.5	0.016	66.0	0.043	86.5	0.001
0.4	0.997	8.6	0.048	25.5	0.132	46.0	0.016	66.5	0.036	87.0	0.000
0.6	0.996	8.8	0.052	26.0	0.133	46.5	0.023	67.0	0.027	87.5	0.000
0.8	0.968	9.0	0.057	26.5	0.119	47.0	0.029	67.5	0.017	88.0	0.000
1.0	0.914	9.2	0.063	27.0	0.095	47.5	0.031	68.0	0.012	88.5	0.000
1.2	0.836	9.4	0.068	27.5	0.072	48.0	0.028	68.5	0.018	89.0	0.000
1.4	0.741	9.6	0.070	28.0	0.052	48.5	0.023	69.0	0.028	89.5	0.000
1.6	0.635	9.8	0.070	28.5	0.037	49.0	0.017	69.5	0.038	90.0	0.000
1.8	0.524	10.0	0.068	29.0	0.027	49.5	0.011	70.0	0.047		
2.0	0.420	10.2	0.062	29.5	0.027	50.0	0.007	70.5	0.054		
2.2	0.333	10.4	0.053	30.0	0.031	50.5	0.007	71.0	0.060		