

Application Guideline

- (A) An Executive Summary containing the addresses and proposed locations of the proposed facility and any alternatives, including:
- 1. Height of the tower and its associated antennas including a maximum "not to exceed height" for the facility, which may be higher than the height proposed by the Applicant;
- 2. Access roads and utility services;
- 3. Special design features;
- 4. Type, size, and number of transmitters and receivers, as well as the signal frequency and conservative worst-case and estimated operational level approximation of electro magnetic radiofrequency power density levels (facility using FCC Office of Engineering and Technology Bulletin 65, August 1997) at the base of the tower base, site compound boundary where persons are likely to be exposed to maximum power densities from the facility:
- 5. A map showing any fixed facilities with which the proposed facility would interact:
- 6. The coverage signal strength, and integration of the proposed facility with any adjacent fixed facility, to be accompanied by multi-colored propagation maps of red, green and yellow (exact colors may differ depending on computer modeling used, but a legend is required to explain each color used) showing interfaces with any adjacent service areas, including a map scale and north arrows; and
- 7. For cellular systems, a forecast of when maximum capability would be reached for the proposed facility and for facilities that would be integrated with the proposed facility.
- (B) A statement of the need for the proposed facility with as much specific information as is practicable to demonstrate the need including a

Location in Application

- Executive Summary, pages 1-3
- IV. Facility Design, pages 7-8
- VII.C. MPE Limits/Power Density
- Analysis, page 21
- Exhibit E, RF Report
- Exhibit G, Project Plans
- Exhibit J, Power Density Calculations

- III.B. Coverage to be Achieved, page 8
- IV.A. Statement of Need, pages 8-17

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description of the proposed system and	IV.C. Technological Alternatives,
how the proposed facility would eliminate	page 17
or alleviate any existing deficiency or	Exhibit E, RF Report
limitation;	
(C) A statement of the benefits expected	 III.B. Coverage to be Achieved,
from the proposed facility with as much	page 8
specific information as is practicable;	
(D) Maps and drawings for the proposed	 Map of Rejected Sites contained in
facility and any alternatives, including:	Exhibit F
1. The most recent U.S.G.S.	 IV. Facility Design, pages 7-8
topographic quadrangle map (scale 1 inch	 Exhibit G, Project Plans
= 2,000 feet) marked to show the site of	 Exhibit P, Aerial Photograph
the facility and any significant changes	 Exhibit Q, U.S.GS. Map
within a one mile radius of the site;	
2. A map (scale not less than 1 inch =	
200 feet) of the lot or tract on which the facility is proposed to be located showing	
the acreage and dimensions of such site,	
the name and location of adjoining public	
roads or the nearest public road, and the	
names and addresses of the site owners	
and abutting owners and the portions of	
their lands abutting the site;	
3. A site plan (scale not less than 1	
inch = 40 feet) showing the proposed	
facility, set back radius, existing and	
proposed contour elevations, 100 year	
flood zones, waterways, wetlands, and all	
associated equipment and structures on	
the site;	
4. Where relevant, a terrain profile	
showing the proposed facility and access	
road with existing and proposed grades;	
and 5. The most recent aerial photograph	
5. The most recent aerial photograph (scale not less than 1 inch = 1,000 feet)	
showing the proposed site, access roads,	
and all abutting properties.	
(E) A description of the proposed site and	Executive Summary, pages 1-3
any alternative sites, including the zoning	VII. Consistency with the Milford
classification, planned land uses and	Land Use Regulations, pages 28-30
surrounding areas;	VII.C. Planned and Existing Land
,	Uses, page 28
(F) A description of the scenic, natural,	VI. Environmental Compatibility,
historic, and recreational characteristics of	pages 19-28
moterio, and reorealistic characteristics of	pages 10 20

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the proposed site and any alternative sites	 Exhibit H, Visual Assessment
and surrounding areas including but not	 Exhibit I, NEPA Report
limited to officially designated nearby	Bulk Filing
hiking trails, nature preserves and scenic	3
roads;	
(G) Visibility Analyses of the proposed site	 Exhibit H, Visual Assessment
area and any alternative site areas	·
including, but not limited to:	
1. A viewshed analysis consisting of a	
two-mile radius from visually impacted	
areas such as residential developments,	
recreational areas, and historic sites;	
2. Photographic documentation;	
3. Balloon float photographs;	
4. Photographic simulations in "leaf-	
on" and "leaf-off" conditions, where	
possible, and;	
5. If proposed in close proximity to a	
shoreline, including lakes and rivers,	
photographic documentation from open	
waters, where possible.	
(H) An affidavit for each balloon float	• N/A
conducted at the proposed site and any	
alternative sites including the date, time	
and demonstrated height.	
(I) A list describing the type and height of	Exhibit
all existing and proposed towers and	Exhibit F, Site Search Summary,
facilities within a four mile radius within the	Map of Rejected Sites, and 4-Mile
site search area, or within any other area	Tower Map with Table
from which use of the proposed towers	
might be feasible from a location	
standpoint for purposes of the application;	
(J) A description of efforts to share	V. Site Selection and Tower
existing towers, including but not limited to	
installations on electric transmission poles,	Sharing, pages 18-19
or to consolidate telecommunications	Exhibit G, Project Plans
antennas of public and private services	
onto the proposed facility including efforts	
to offer tower space, where feasible, at no	
charge for space for municipal antennas;	
(K) A description of technological	IV.C. Technological Alternatives,
alternatives and a statement containing	page 17
justification for the proposed facility;	ρ~ g ~ · ·
(L) A description of rejected sites with a	Exhibit F, Site Search Summary,
(-) detemplies	Extract 1, One Sourch Summary,

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U.S.G.S. topographic quadrangle map (scale 1 inch = 2,000 feet) marked to show the location of rejected sites;	Map of Rejected Sites, and 4-Mile Tower Map
(M) A detailed description and justification for the site(s) selected, including a description of siting criteria and the narrowing process by which other possible sites were considered and eliminated including, but not limited to, environmental effects, cost differential, coverage lost or gained, potential interference with other facilities, and signal loss due to geographical features compared to the proposed site(s);	 V. Site Selection and Tower Sharing, pages 18-19 Exhibit E, RF Report Exhibit F, Site Search Summary, Map of Rejected Sites, and 4-Mile Tower Map
(N) A statement describing hazards to human health, if any, with such supporting data, including signal frequency, power density and references to regulatory standards;	 VI.C. MPE Limits/Power Density Analysis, page 23-24 Exhibit J, Power Density Report
(O) A statement of estimated costs for site acquisition, construction, and equipment for a facility at the various proposed sites of the facility, including all candidates referred to in the application;	 IX.A. Overall Estimated Cost, page 32
(P) A schedule showing the proposed program of site acquisition, construction, completion, operation and relocation or removal of existing facilities for the named sites;	IX.B. Overall Scheduling, page 32- 33
(Q) A statement indicating that, weather permitting, the applicant will raise a balloon with a diameter of at least three feet, at the sites of the various proposed sites of the facility, including all candidates referred to in the application, on the day of the Council's first hearing session on the application or at a time otherwise specified by the Council.	VI.A. Visual Assessment, page 21
 (R) Such information as any department or agency of the State exercising environmental controls may, by regulation, require including but not limited to: 1. A listing of any federal, State, regional, district, and municipal agencies, including but not limited to the Federal 	 VI.B. Solicitation of State Agency Comments, pages 22-23 VI.C. MPE Limits/Power Density Analysis, page 23-24 VI.D. Other Environmental Factors, pages 24-28 VIII. Consultation with Local, State

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Aviation Administration; Federal Communications Commission; State Historic Preservation Officer; State Department of Environmental Protection; and local conservation, inland wetland, and planning and zoning commissions with which reviews were conducted concerning the facility, including a copy of any agency position or decision with respect to the facility; and 2. The most recent conservation, inland wetland, zoning, and plan of development documents of the municipality, including a description of the zoning classification of the site and surrounding areas, and a narrative summary of the consistency of the project with the Town's regulations and plans.	 and Federal Officials, pages 30-32 VII. Consistency with the Milford Land Use Regulations, pages 28-30 Exhibit I, NEPA Report Exhibit J, Power Density Report Exhibit N, Correspondence with Municipality Exhibit N, FAA Letter Bulk Filing
(S) Description of proposed site clearing for access road and compound including type of vegetation scheduled for removal and quantity of trees greater than six inches diameter at breast height and involvement with wetlands;	Exhibit G, Project Plans
 (T) A statement explaining mitigation measures for the proposed facility including, but not limited to: 1. Construction techniques designed specifically to minimize adverse effects on natural areas and sensitive areas; 2. Special design features made specifically to avoid or minimize adverse effects on natural areas and sensitive areas; 3. Establishment of vegetation proposed near residential, recreation, and scenic areas; 4. Methods for preservation of vegetation for wildlife habitat and screening; 5. Other environmental concerns identified by the applicant, the Council, or any public agency, including but not limited to, where applicable: Coastal Consistency Analysis 	 IV. Facility Design, pages 7-8 IV.C. Technological Alternatives, page 17 VI.B. Solicitation of State Agency Comments, pages 22-23 Exhibit F, Site Search Summary, Map of Rejected Sites, and 4-Mile Tower Map Exhibit G, Project Plans Exhibit O, Redacted Lease

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(C.G.S. §22a-90)	
· Connecticut Heritage Areas (C.G.S.	
§16a-27)	
 Ridgeline Protection Zones (C.G.S. 	
§8-laa)	
 Aquifer Protection Zones (C.G.S. 	
§22a-354b)	
DOT Scenic Lands (C.G.S. §13a-	
85a)	
 State Parks and Forests (C.G.S. 	
§23-5)	
Agricultural Lands (C.G.S. §22-	
26aa)	
• Wild and Scenic Rivers (C.G.S.	
§25-199)	
Protected Rivers (C.G.S. §25-200)	
 Endangered, Threatened or Special 	
Concern Species (C.G.S. §26-303); and	
6. Such information as the applicant	
may consider relevant.	