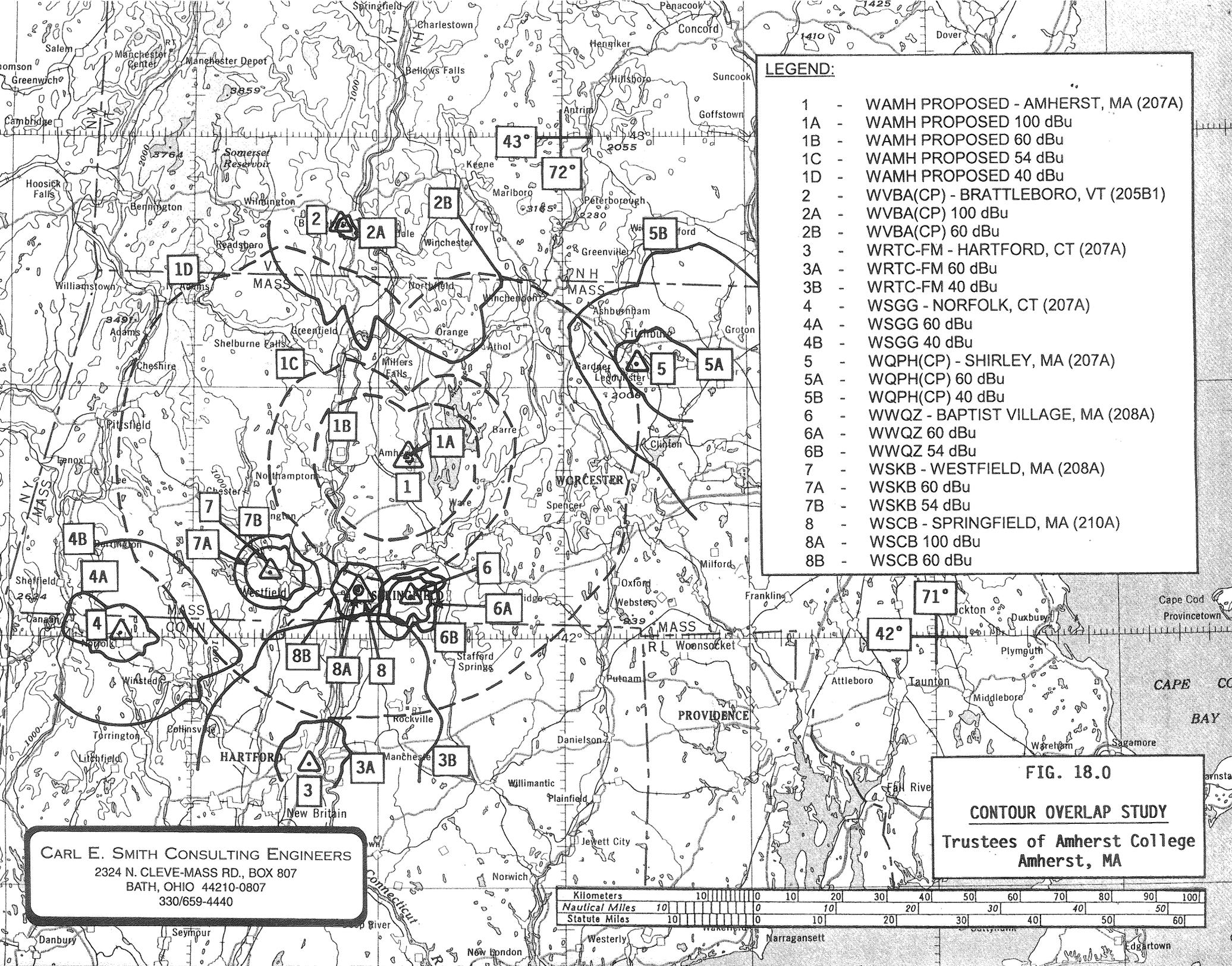


EXHIBIT 18  
(Page 1 of 3)

CONTOUR OVERLAP STUDY  
Trustees of Amherst College  
Amherst, MA

Figure 18.0 shows the service and interference contours for the proposed WAMH facilities in relation to those of all other domestic stations, both operating and proposed, on Channels 204 through 210 that require protection consideration. All contours were projected using the notified facilities for each station from the FCC's Consolidated Database System ("CDBS") and terrain data extracted from the NGDC 30 second terrain database. As shown in this figure, the proposed facilities will not cause or receive any prohibited contour overlap with any other station that requires protection consideration.

Table 18.0 shows the actual and required separations between the proposed facilities and all Canadian stations operating on Channels 204 through 210 and all stations and allotments on Channels 260 and 261. This table shows that the proposed facilities have adequate separation from all other operating or proposed stations or allotments requiring consideration.



- LEGEND:**
- 1 - WAMH PROPOSED - AMHERST, MA (207A)
  - 1A - WAMH PROPOSED 100 dBu
  - 1B - WAMH PROPOSED 60 dBu
  - 1C - WAMH PROPOSED 54 dBu
  - 1D - WAMH PROPOSED 40 dBu
  - 2 - WVBA(CP) - BRATTLEBORO, VT (205B1)
  - 2A - WVBA(CP) 100 dBu
  - 2B - WVBA(CP) 60 dBu
  - 3 - WRTC-FM - HARTFORD, CT (207A)
  - 3A - WRTC-FM 60 dBu
  - 3B - WRTC-FM 40 dBu
  - 4 - WSGG - NORFOLK, CT (207A)
  - 4A - WSGG 60 dBu
  - 4B - WSGG 40 dBu
  - 5 - WQPH(CP) - SHIRLEY, MA (207A)
  - 5A - WQPH(CP) 60 dBu
  - 5B - WQPH(CP) 40 dBu
  - 6 - WWQZ - BAPTIST VILLAGE, MA (208A)
  - 6A - WWQZ 60 dBu
  - 6B - WWQZ 54 dBu
  - 7 - WSKB - WESTFIELD, MA (208A)
  - 7A - WSKB 60 dBu
  - 7B - WSKB 54 dBu
  - 8 - WSCB - SPRINGFIELD, MA (210A)
  - 8A - WSCB 100 dBu
  - 8B - WSCB 60 dBu

**CARL E. SMITH CONSULTING ENGINEERS**  
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**FIG. 18.0**  
**CONTOUR OVERLAP STUDY**  
 Trustees of Amherst College  
 Amherst, MA

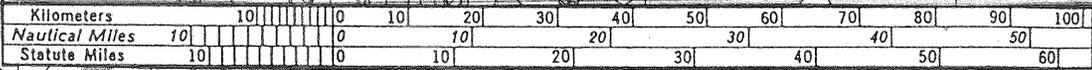


TABLE 18.0

FM ALLOCATION STUDY - CHANNEL 207A (89.3 MHz) - AMHERST, MA

-----  
 TRUSTEES OF AMHERST COLLEGE  
 AMHERST, MA

STUDY COORDINATES: 42/21/49 72/25/24

STATION	LOCATION	CHANNEL	CLASS	SPACING (km)	REQUIRED SPACING*	NOTES
-----	-----	-----	-----	-----	-----	-----
ALLOTMENT	NAPANEE, ON	204	B	426.28	69.0	12
ALLOTMENT	LENNOXVILLE, QU	205	A	340.27	51.0	12
ALLOTMENT	OTTAWA, ON	206	C1	444.22	168.0	12
ALLOTMENT	DESERONTO, ON	208	B	426.28	137.0	12
ALLOTMENT	SHERBROOKE, QU	209	B	333.72	78.0	12
WXRG	ATHOL, MA	260	A	31.49	10.0	
WWFX	SOUTHBRIDGE, MA	261	A	47.34	10.0	1
WUPE-FM	NORTH ADAMS, MA	261	A	64.42	10.0	1

\* Required Spacing Per Section 73.207 of The FCC Rules

## Notes:

- |                                      |                                  |
|--------------------------------------|----------------------------------|
| 1 - Applied For Under Section 73.215 | 7 - Pending Application          |
| 2 - Construction Permit              | 8 - Petition For Reconsideration |
| 3 - Channel Deletion Proposed        | 9 - Proposed Rulemaking          |
| 4 - Move From This Channel Ordered   | 10 - Rulemaking Petition         |
| 5 - Move to This Channel Ordered     | 11 - Short-Spaced                |
| 6 - One Step Reference Site          | 12 - Vacant Allotment            |