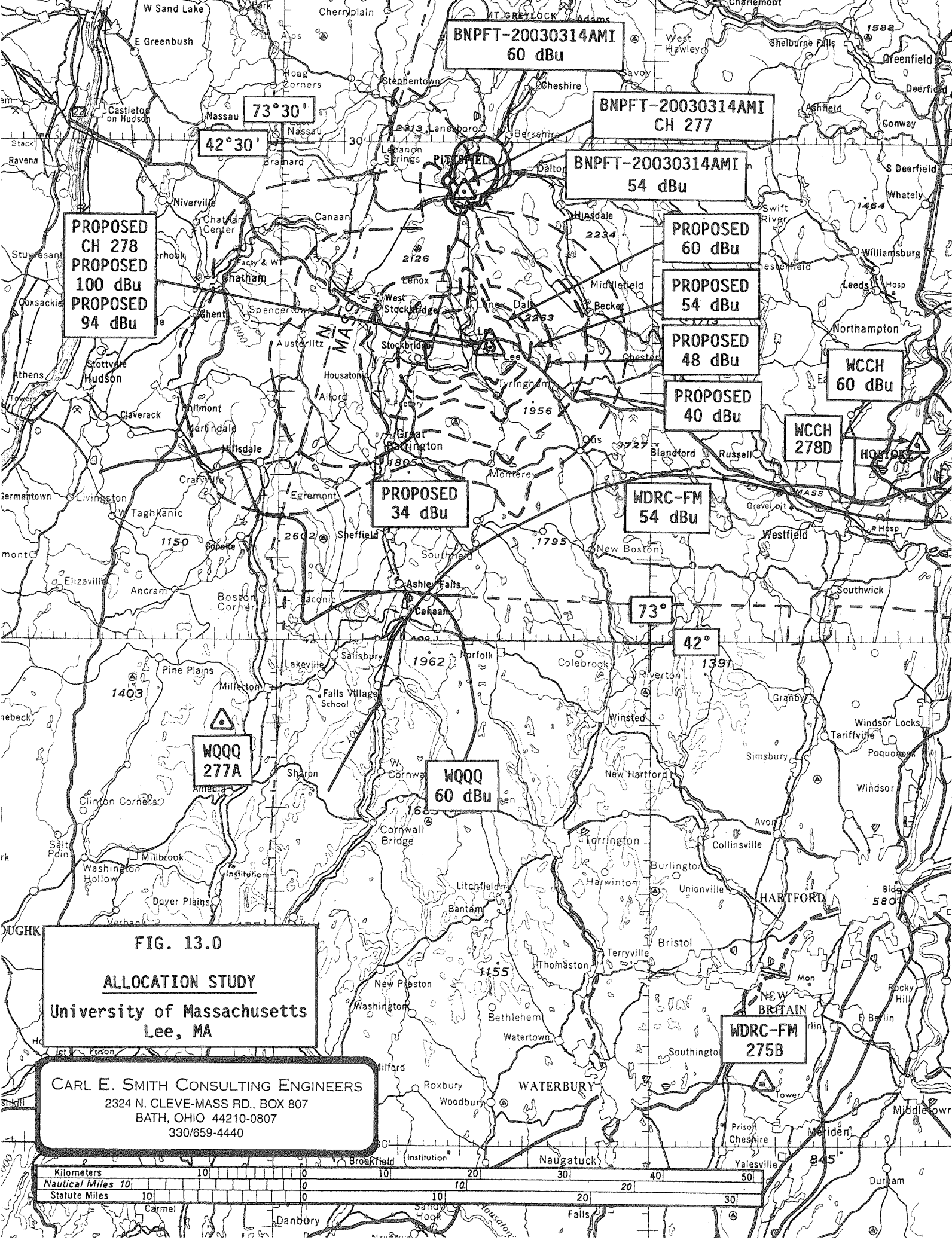


EXHIBIT 13
(Page 1 of 2)

OVERLAP REQUIREMENTS
University of Massachusetts
Lee, MA

Figure 13.0 is an allocation study showing the interfering contours for the proposed facilities in relation to the protected contours for all authorized or proposed FM broadcast, FM translator, and Low Power FM stations which require protection consideration. As can be seen from this figure, no overlap will occur between the protected contour for each of these stations and the respective interfering contour for the proposed facilities. Based upon this information, the proposed facilities will provide the required protection to all stations requiring consideration. Since the proposed facilities will operate with an effective radiated power of only 13 watts, it is not necessary to demonstrate compliance with the intermediate frequency separation requirements outlined in Section 73.207 of the FCC Rules.

The proposed transmitter site lies within 320 kilometers of the common border between the United States and Canada. At its farthest point, the proposed 34 dBu contour will extend 34.8 kilometers from the proposed site. Since this distance is less than 60 kilometers and the proposed facilities will operate at a power level that is less than 250 watts, the proposed facilities will fully comply with Section 4.3 of the Working Arrangement for Allotment and Assignment of FM Broadcasting Channels 201-300 Under the Canadian-U.S.A FM Broadcasting Agreement of 1947.



BNPFT-20030314AMI
60 dBu

BNPFT-20030314AMI
CH 277

BNPFT-20030314AMI
54 dBu

PROPOSED
CH 278
PROPOSED
100 dBu
PROPOSED
94 dBu

PROPOSED
60 dBu

PROPOSED
54 dBu

PROPOSED
48 dBu

PROPOSED
40 dBu

WCCH
60 dBu

WCCH
278D

PROPOSED
34 dBu

WDRF-FM
54 dBu

73°

42°

WQQQ
277A

WQQQ
60 dBu

WDRF-FM
275B

FIG. 13.0

ALLOCATION STUDY

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