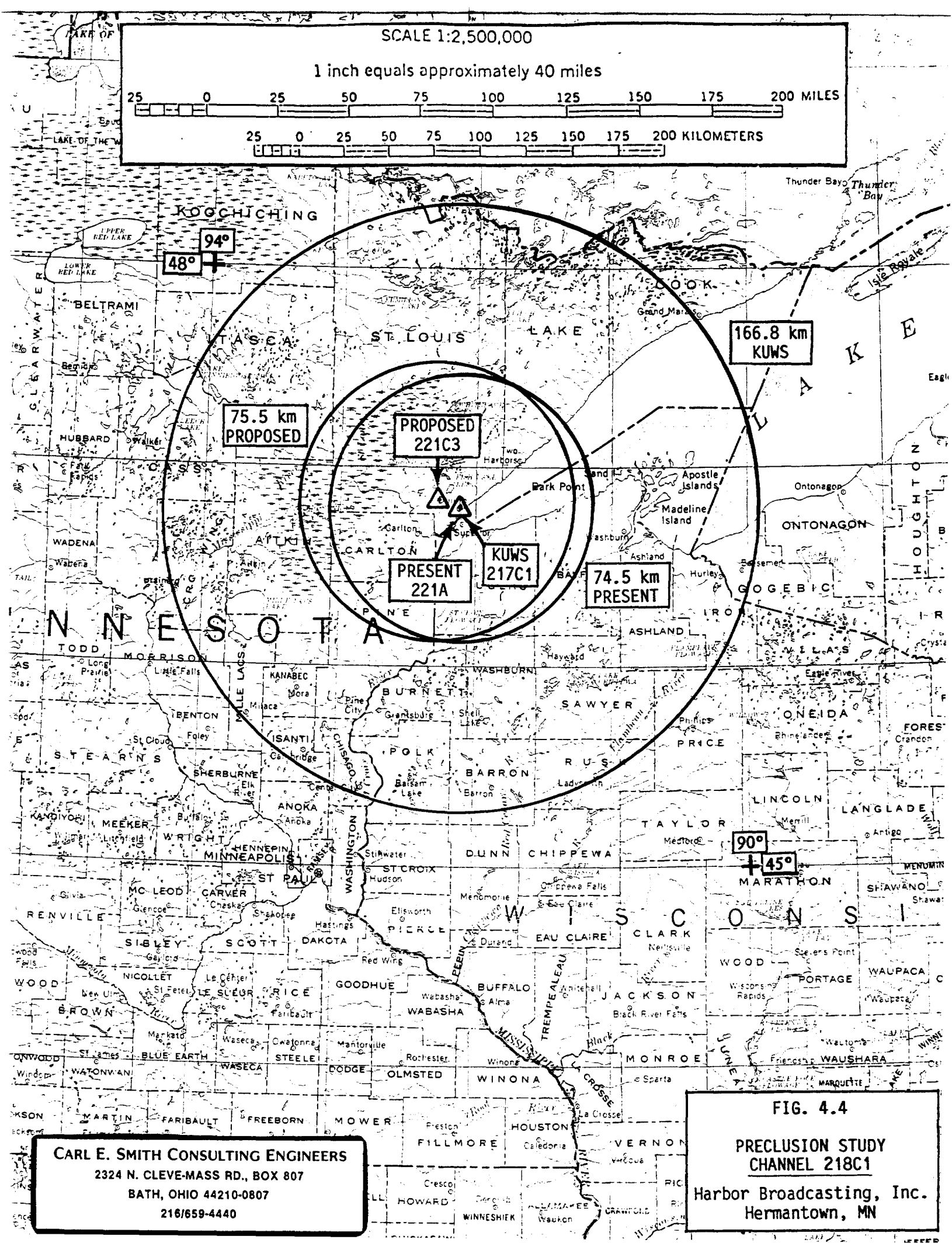
FIG. 4.3

PRECLUSION STUDY
CHANNEL 218C2

Harbor Broadcasting, Inc.
Hermantown, MN

CARL E. SMITH CONSULTING ENGINEERS
2324 N. CLEVE-MASS RD., BOX 807
BATH, OHIO 44210-0807
216/659-4440



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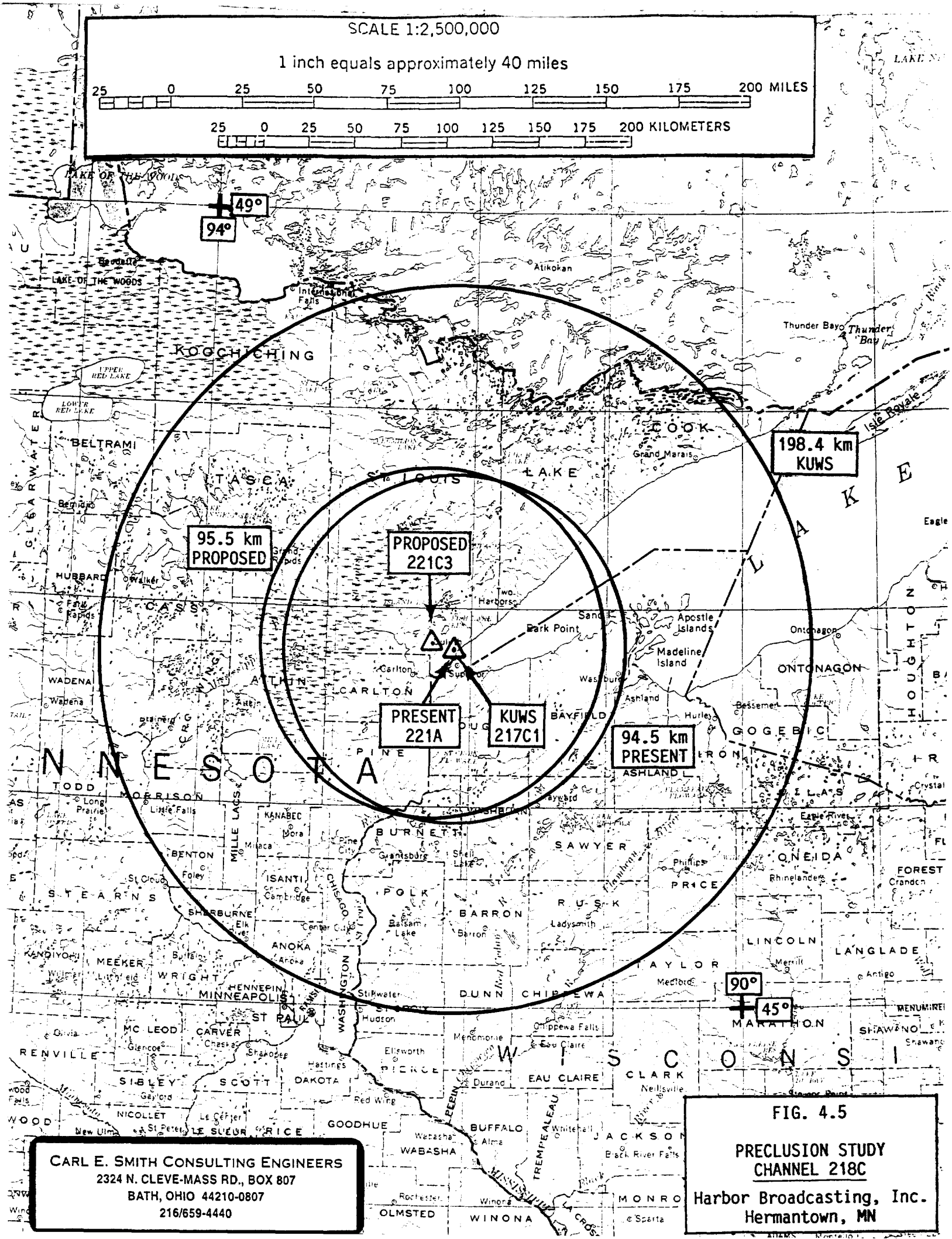
2324 N. CLEVE-MASS RD., BOX 807
BATH, OHIO 44210-0807
216/659-4440

FIG. 4.4

PRECLUSION STUDY
CHANNEL 218C1

Harbor Broadcasting, Inc.
Hermantown, MN



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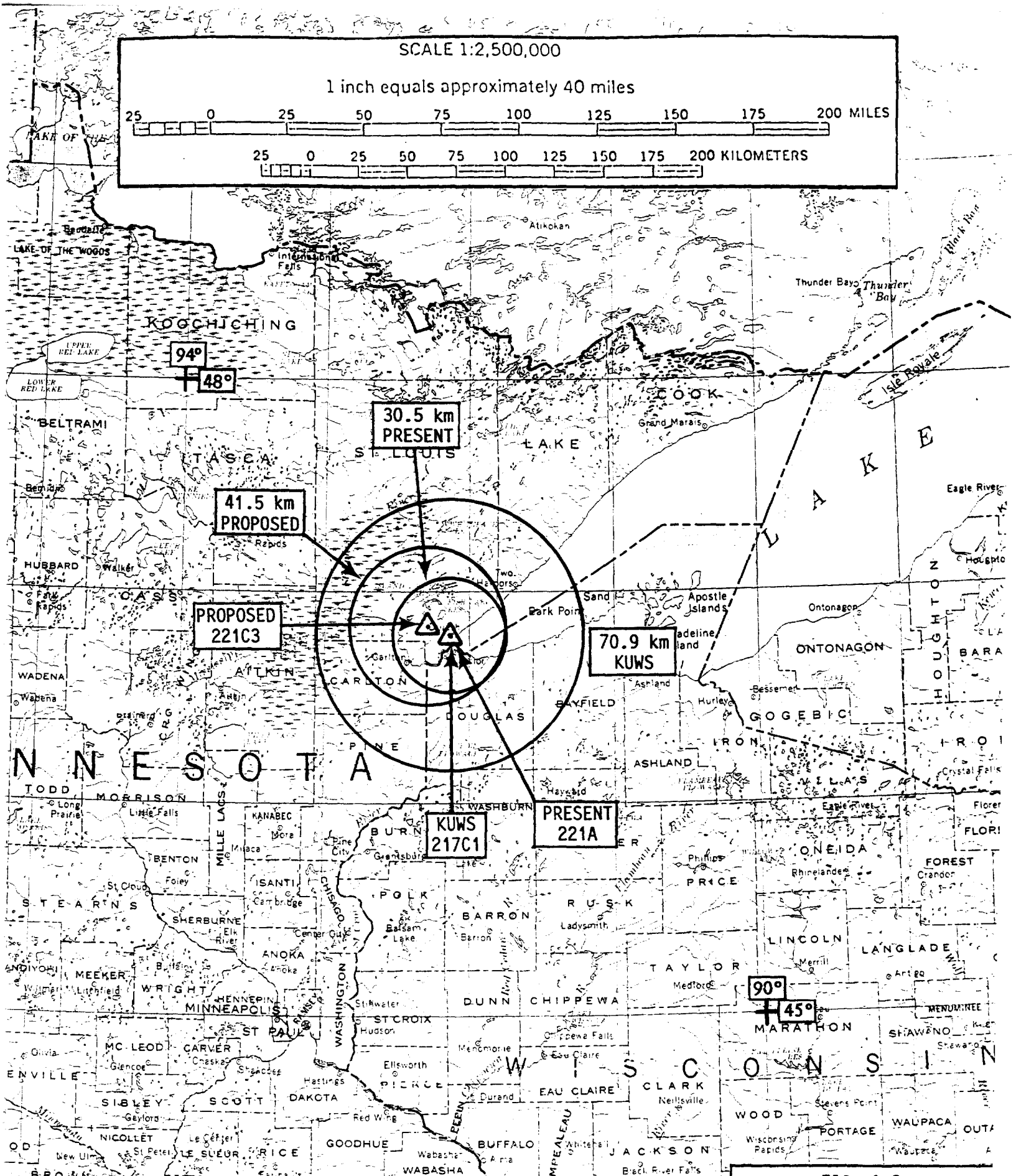
2324 N. CLEVE-MASS RD., BOX 807
BATH, OHIO 44210-0807
216/659-4440

FIG. 4.5

PRECLUSION STUDY
CHANNEL 218C

Harbor Broadcasting, Inc.
Hermantown, MN



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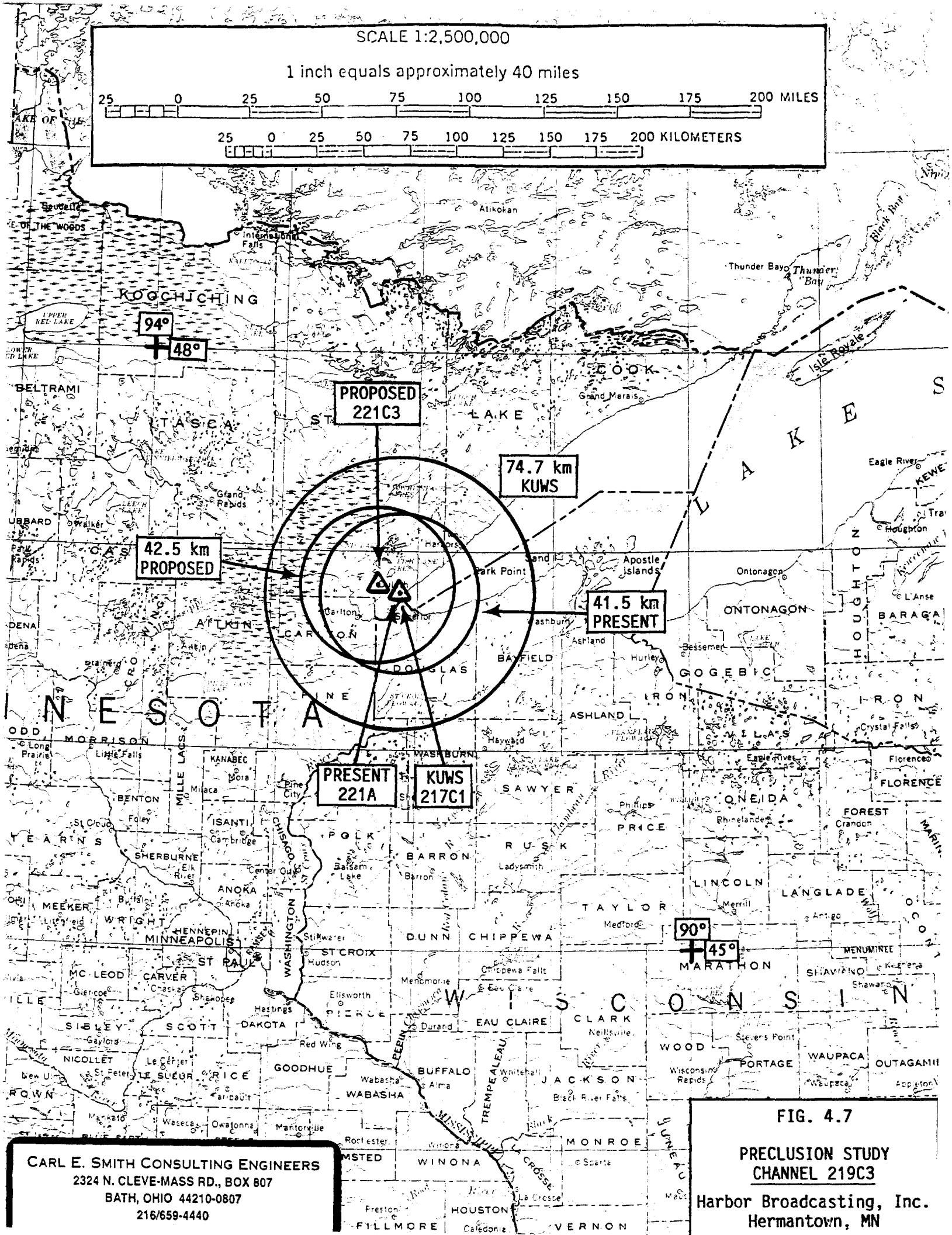
BATH, OHIO 44210-0807
216/659-4440

FIG. 4.6

PRECLUSION STUDY
CHANNEL 219A

Harbor Broadcasting, Inc.
Hermantown, MN



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216/659-4440

FIG. 4.7

PRECLUSION STUDY
CHANNEL 219C3

Harbor Broadcasting, Inc.
Hermantown, MN

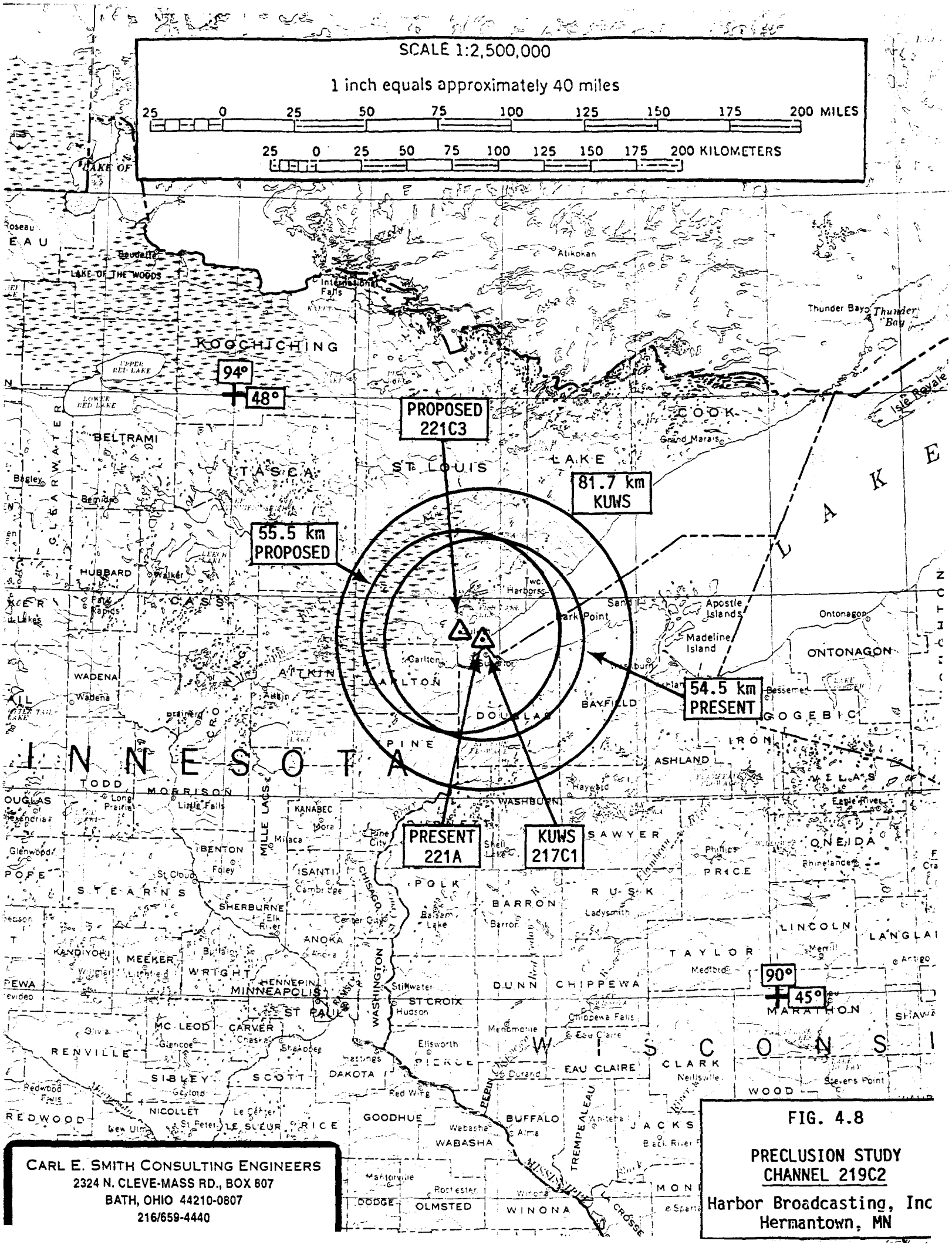

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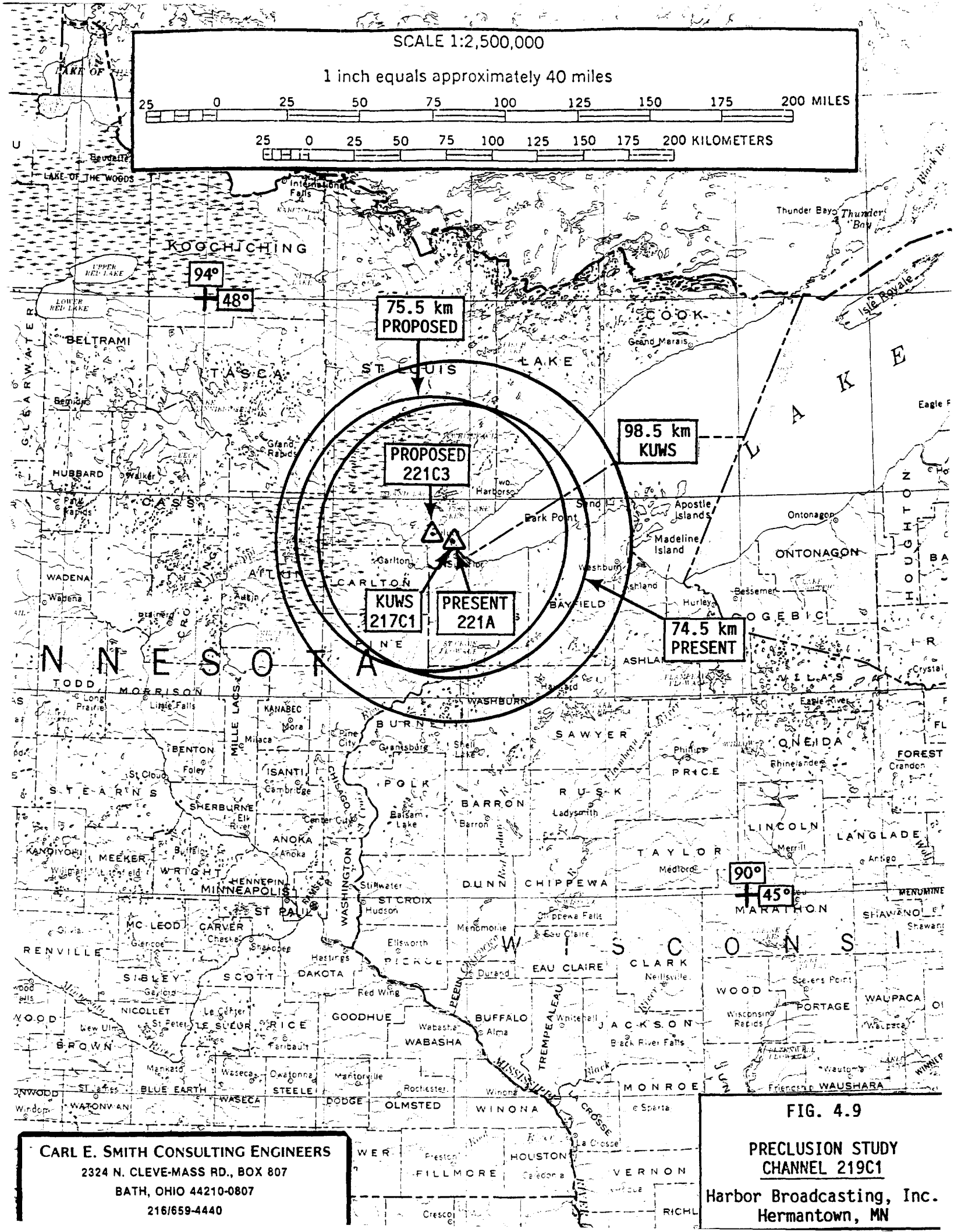
FIG. 4.8

PRECLUSION STUDY
CHANNEL 219C2

Harbor Broadcasting, Inc
Hermantown, MN



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BATH, OHIO 44210-0807
216/659-4440

FIG. 4.9

PRECLUSION STUDY
CHANNEL 219C1

Harbor Broadcasting, Inc.
Hermantown, MN

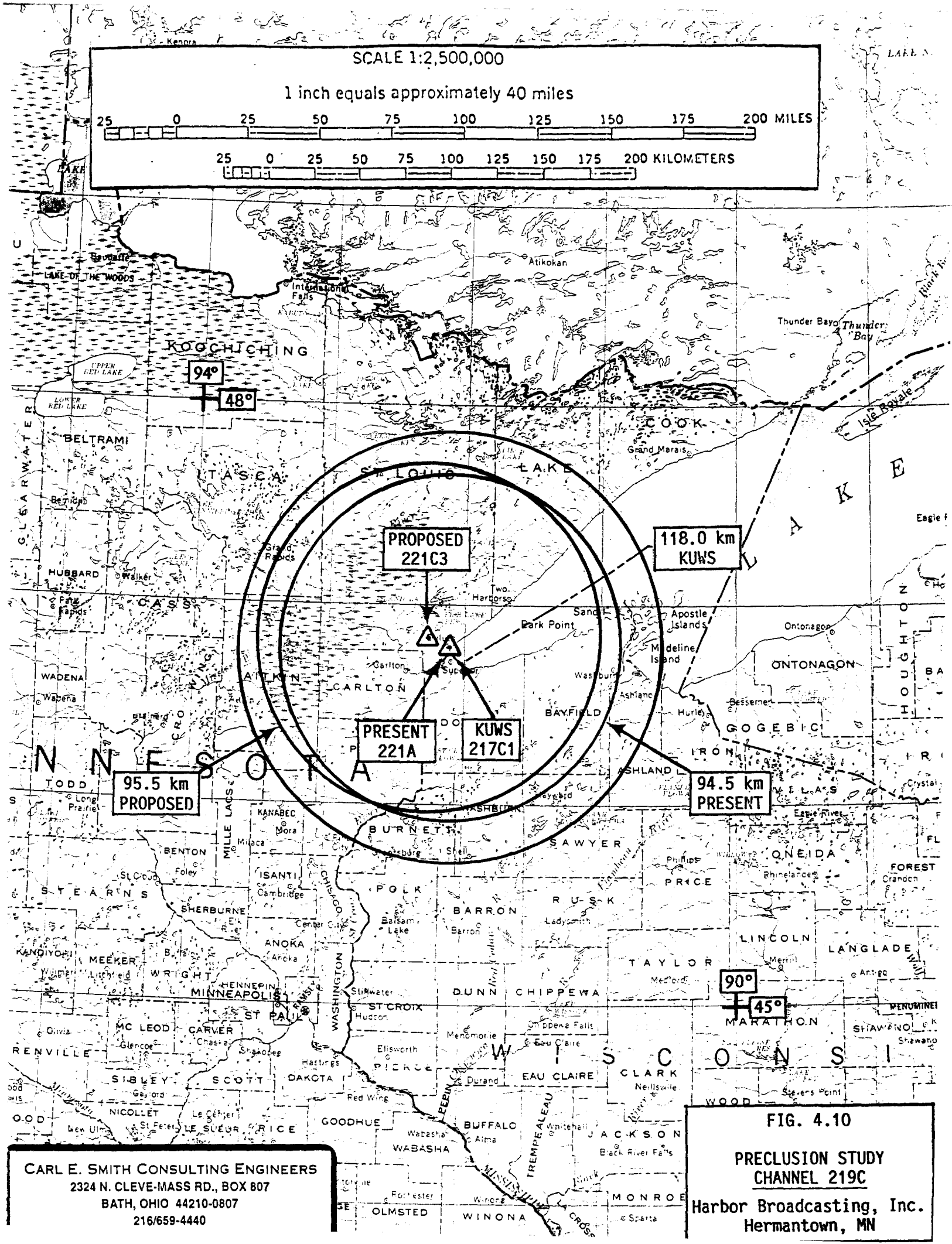

FIG. 4.10

PRECLUSION STUDY
CHANNEL 219C

Harbor Broadcasting, Inc.
Hermantown, MN

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2324 N. CLEVE-MASS RD., BOX 807
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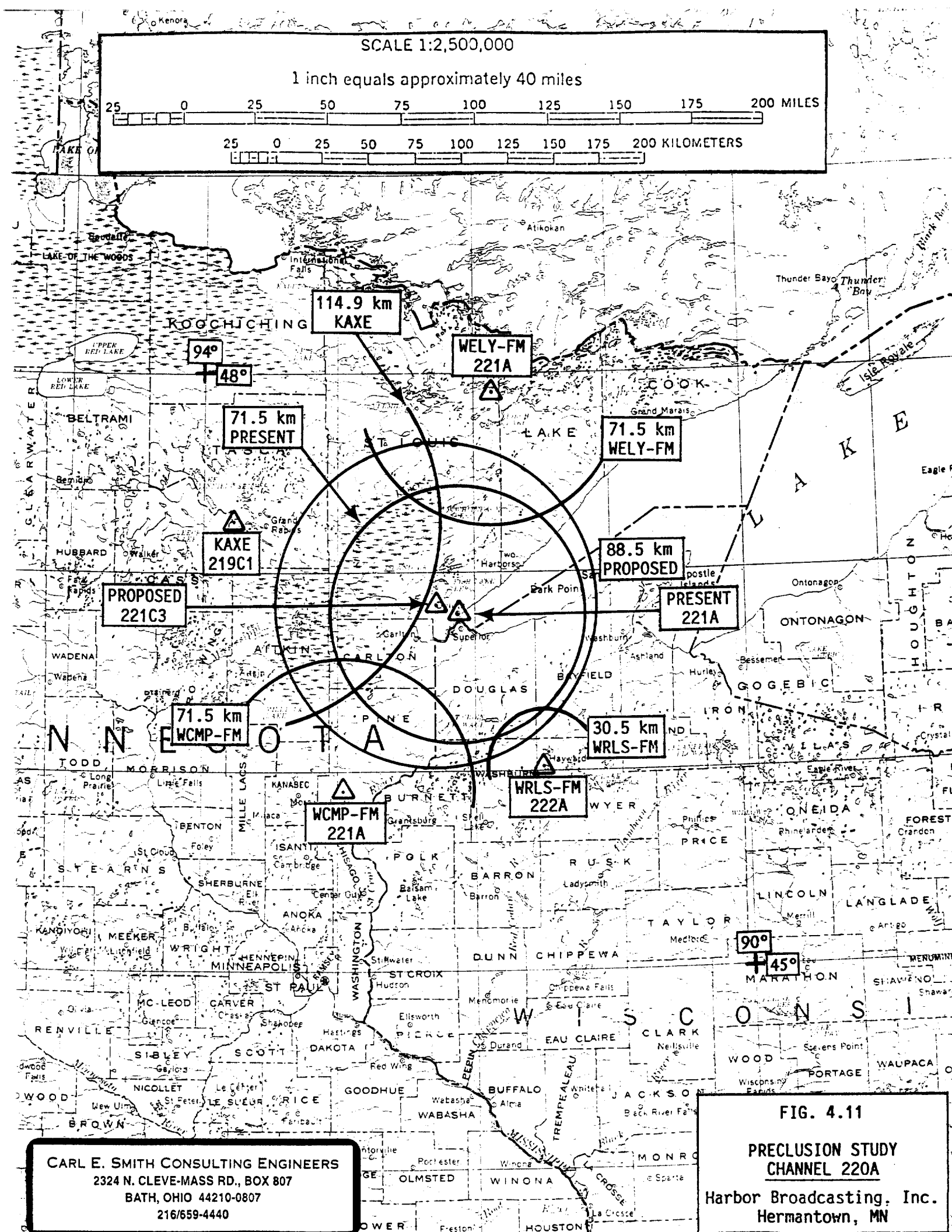

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BATH, OHIO 44210-0807
216/659-4440

FIG. 4.11

PRECLUSION STUDY
CHANNEL 220A

Harbor Broadcasting, Inc.
Hermantown, MN

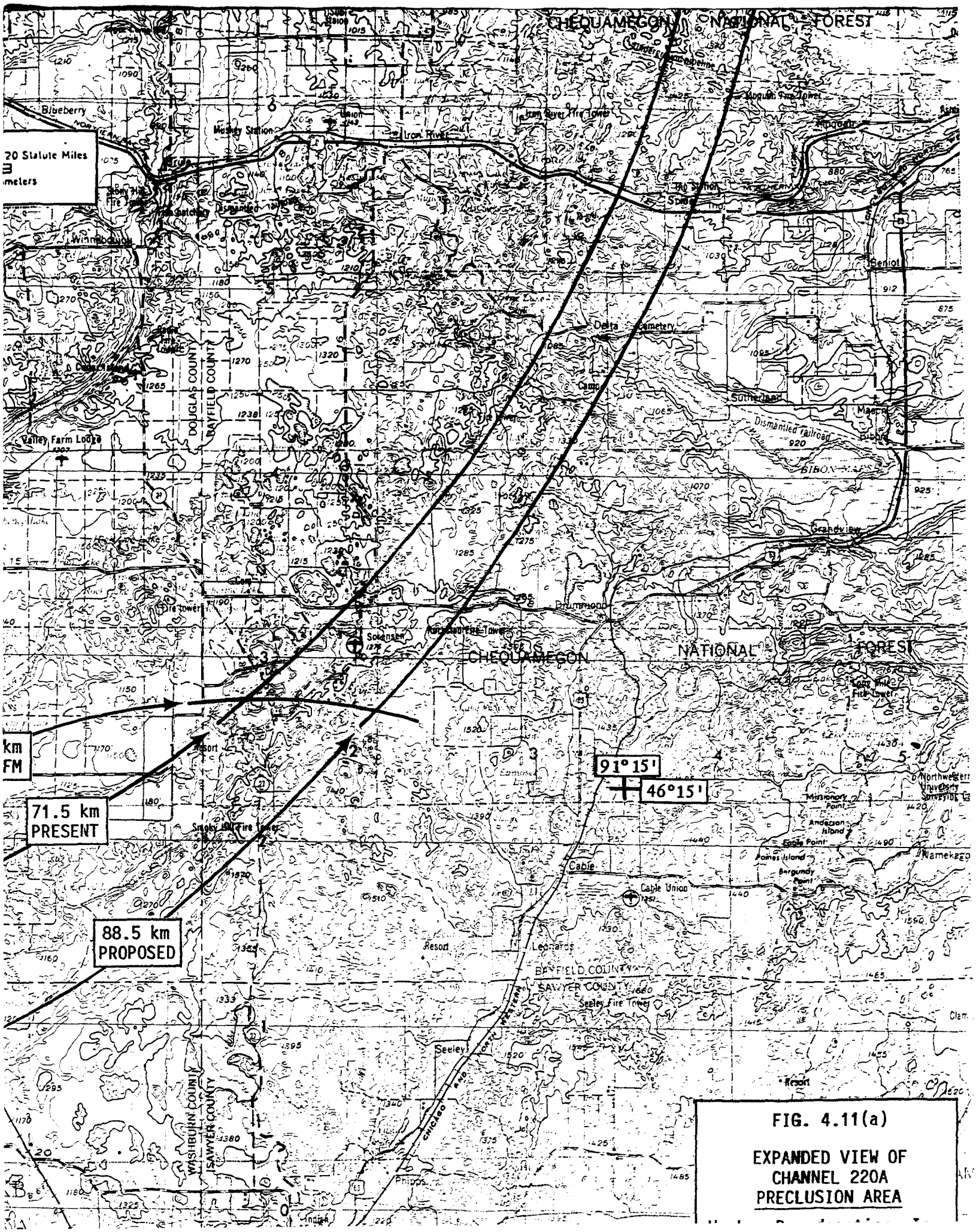
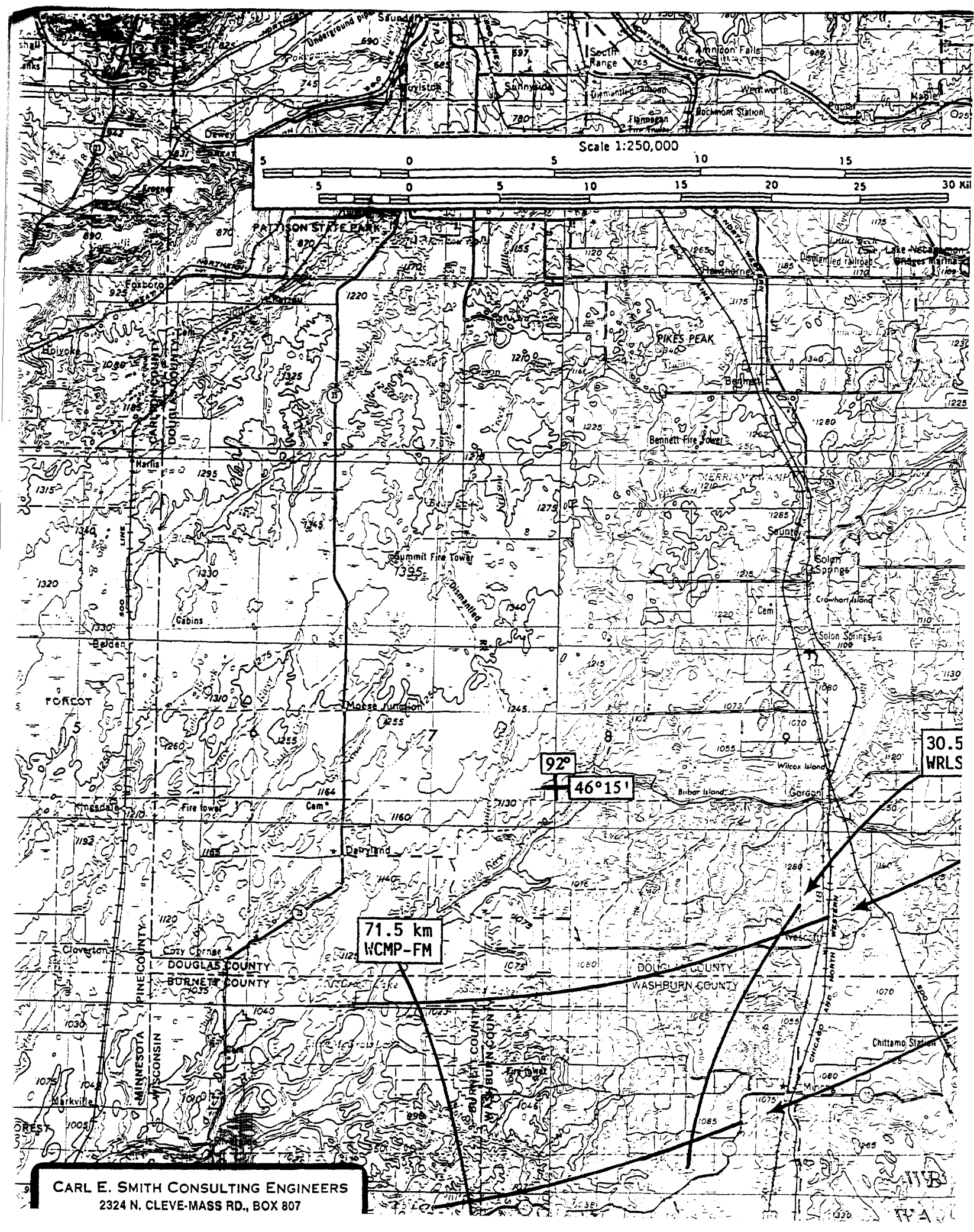
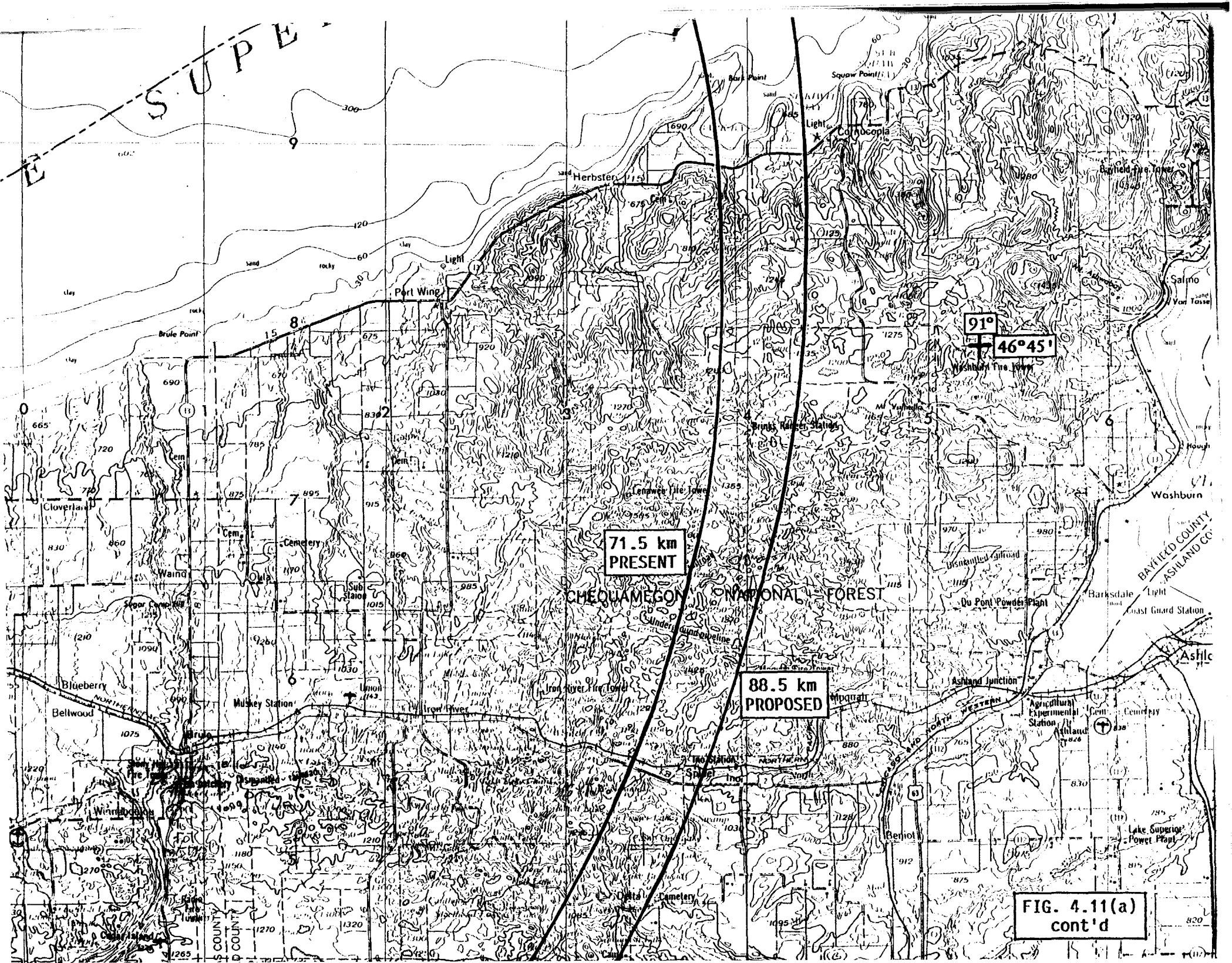
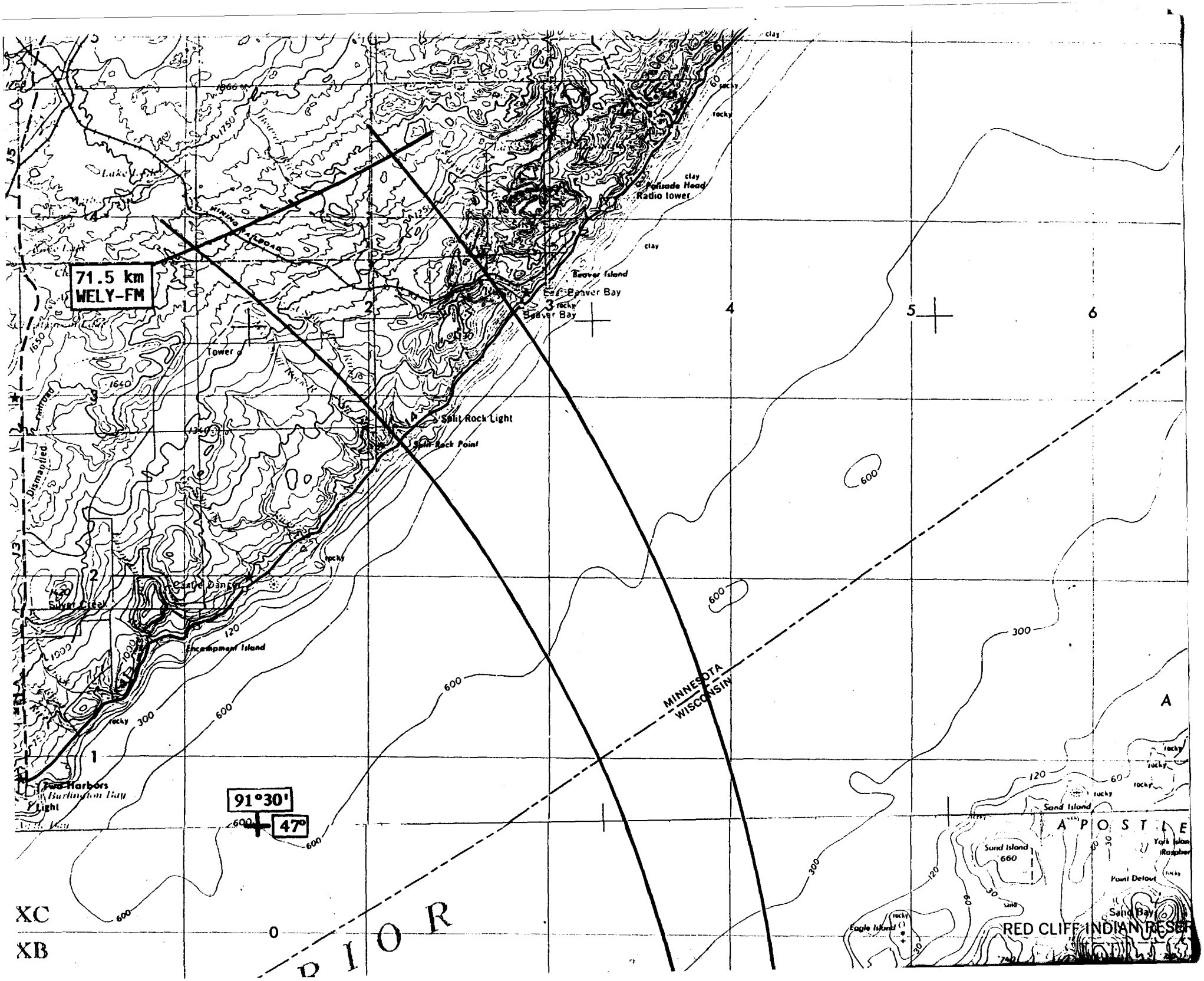


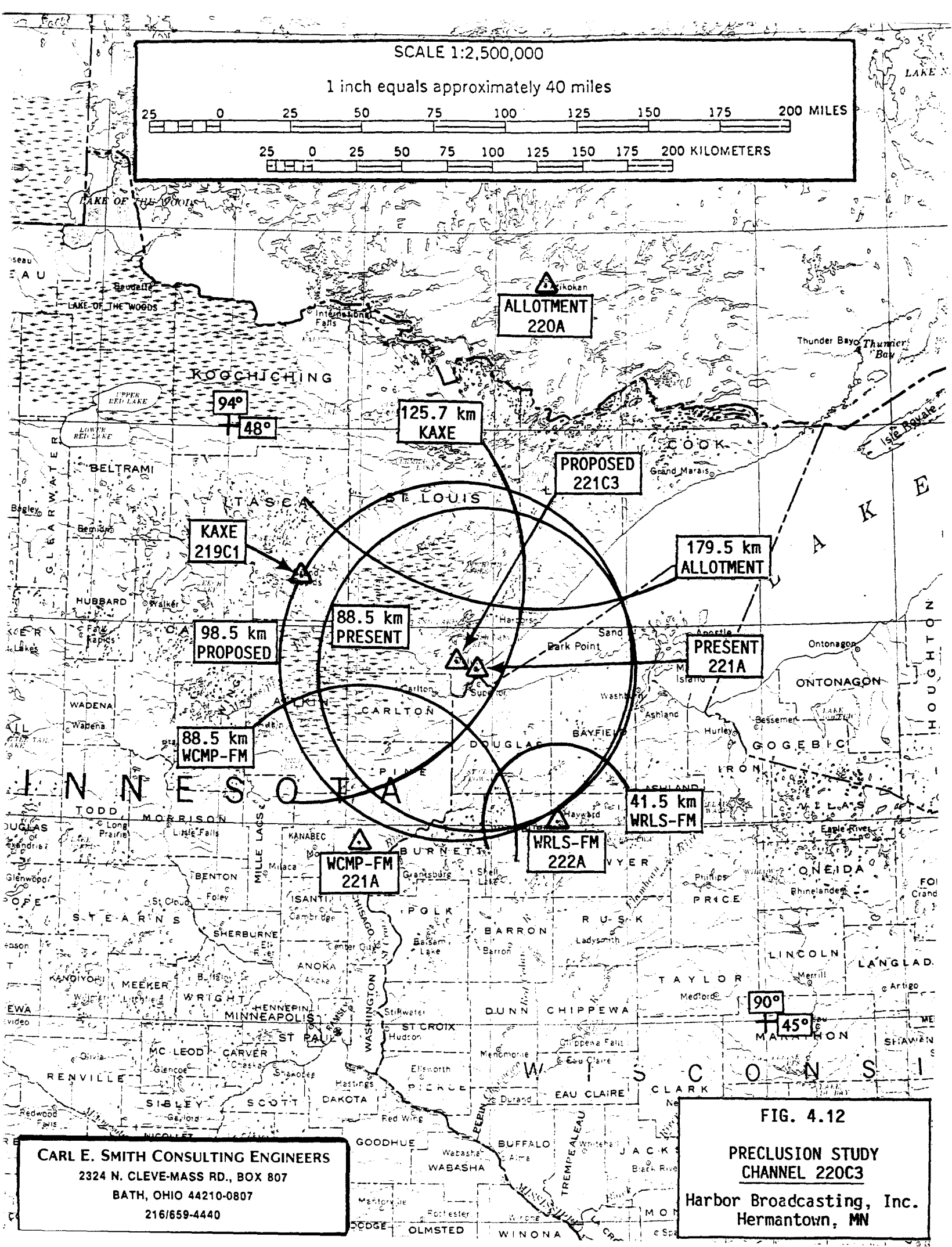
FIG. 4.11(a)

EXPANDED VIEW OF
CHANNEL 220A
PRECLUSION AREA


Scale 1:250,000
5 0 5 10 15
5 0 5 10 15 20 25 30 Kil
PATTISON STATE PARK
PIKES PEAK
Bennett
Bennett Fire Tower
Summit Fire Tower
Solon Springs
Crowhart Island
Wilcox Island
Gordon
Bubar Island
Moose Junction
Dairyland
Cozy Corner
Cloverton
Markville
Harlis
Belden
Gabins
Foxboro
Hoiyoke
Dewey
Sunnyside
South Range
Amnicon Falls
Wentworth
Poplar
Maple
Hawthorne
Lake Nebagamon
Bridges Marina
Chittamo Station
Mincag
Wescott
Fire tower
Cem
CARLTON COUNTY
DOUGLAS COUNTY
BURNETT COUNTY
WASHBURN COUNTY
MINNESOTA
WISCONSIN
PINE COUNTY
CHICAGO AND NORTH WESTERN
92°
46°15'
71.5 km
WCMP-FM
30.5
WRLS
CARL E. SMITH CONSULTING ENGINEERS
2324 N. CLEVE-MASS RD., BOX 807


71.5 km
PRESENT
88.5 km
PROPOSED
91°
46°45'
CHEQUAMEGON NATIONAL FOREST
Port Wing
Herbster
Cornucopia
Washburn
Ashland
Ashland Junction
Iron River
Mulkey Station
Blueberry
Bellwood
Brule Point
Squaw Point
Bark Point
Light
Cemetery
Iron River Fire Tower
Cenawee Fire Tower
Bayfield Fire Tower
Washburn Fire Tower
Brinks Reiser Station
Du Pont Powder Plant
Barksdale
Coast Guard Station
Agricultural Experimental Station
Lake Superior Power Plant
Underground Pipeline
Sub Station
Union
Waino
Cloverland
Salmo
Van Tassel
Benoit
Spirit Inc
Iron Station
Ashland
BAYFIELD COUNTY
ASHLAND CO
COUNTY
NORTHERN
NORTH WESTERN
FIG. 4.11(a)
cont'd


71.5 km
WELY-FM
91°30'
47°
Palisade Head
Radio tower
Beaver Island
Beaver Bay
Split Rock Light
Split Rock Point
Tower
Silver Creek
Encampment Island
Two Harbors
Burlington Bay
Light
MINNESOTA
WISCONSIN
Sand Island
660
Point Detour
Sand Bay
Eagle Island
RED CLIFF INDIAN RESER
A P O S T L E
XC
XB
R I O R



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216/659-4440

FIG. 4.12

PRECLUSION STUDY
CHANNEL 220C3

Harbor Broadcasting, Inc.
Hermantown, MN

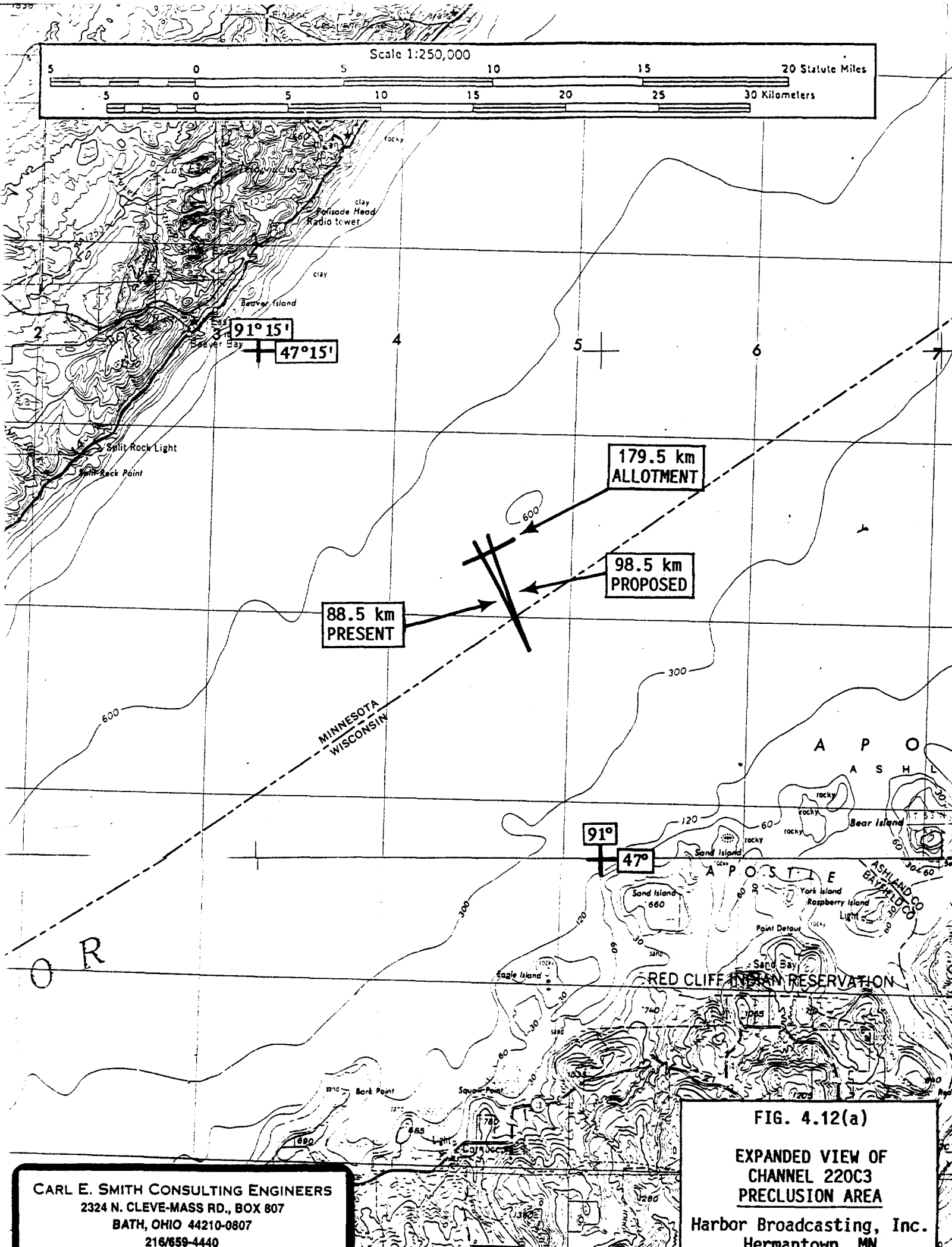

FIG. 4.12(a)

EXPANDED VIEW OF
CHANNEL 220C3
PRECLUSION AREA

Harbor Broadcasting, Inc.
Hermantown, MN

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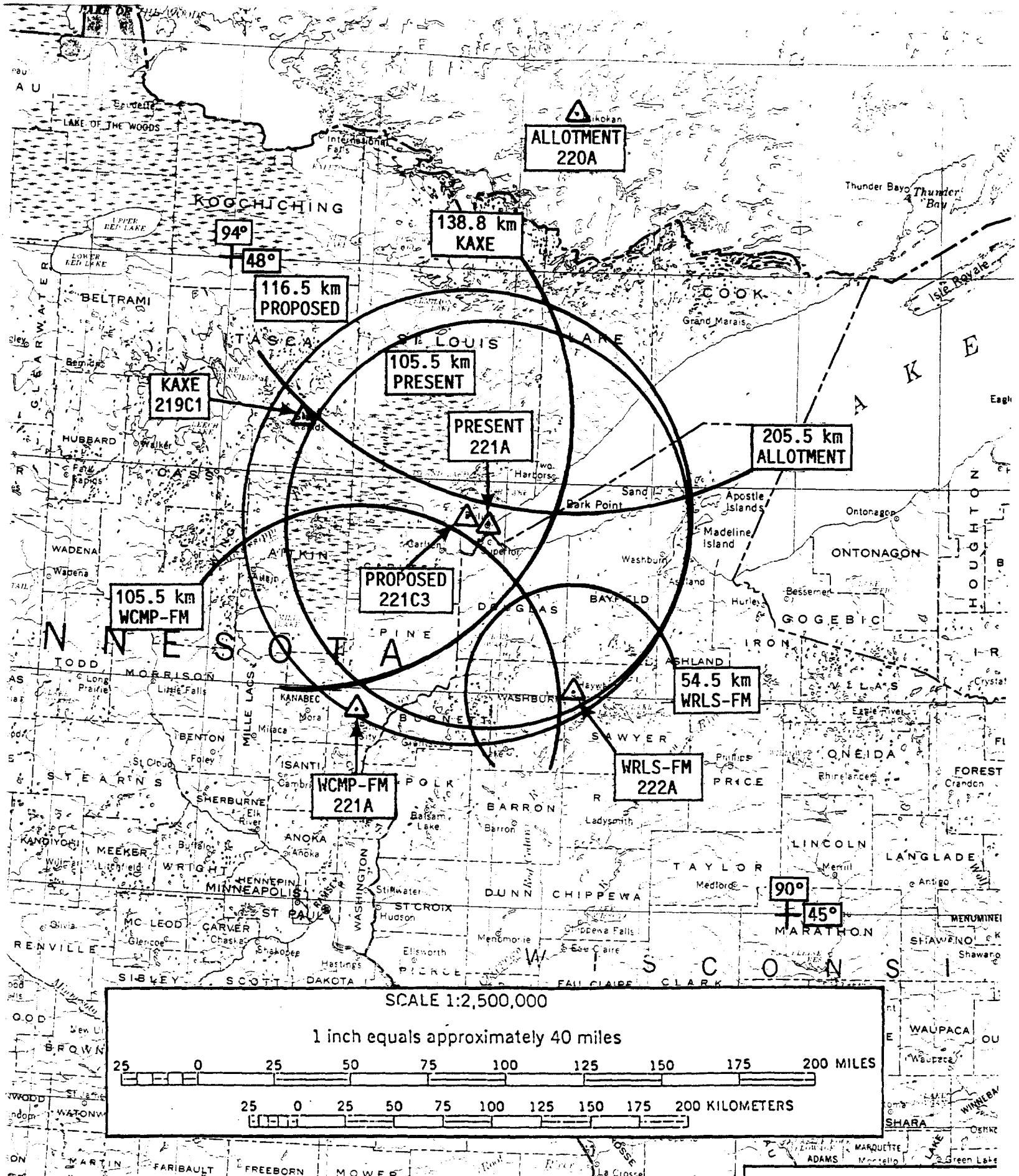
BATH, OHIO 44210-0807
216/659-4440



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216/659-4440

FIG. 4.13

PRECLUSION STUDY
CHANNEL 220C2

Harbor Broadcasting, Inc.
Hermantown, MN

FIG. 4.14

PRECLUSION STUDY
CHANNEL 220C1

Harbor Broadcasting, Inc.
Hermantown, MN

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216/659-4440

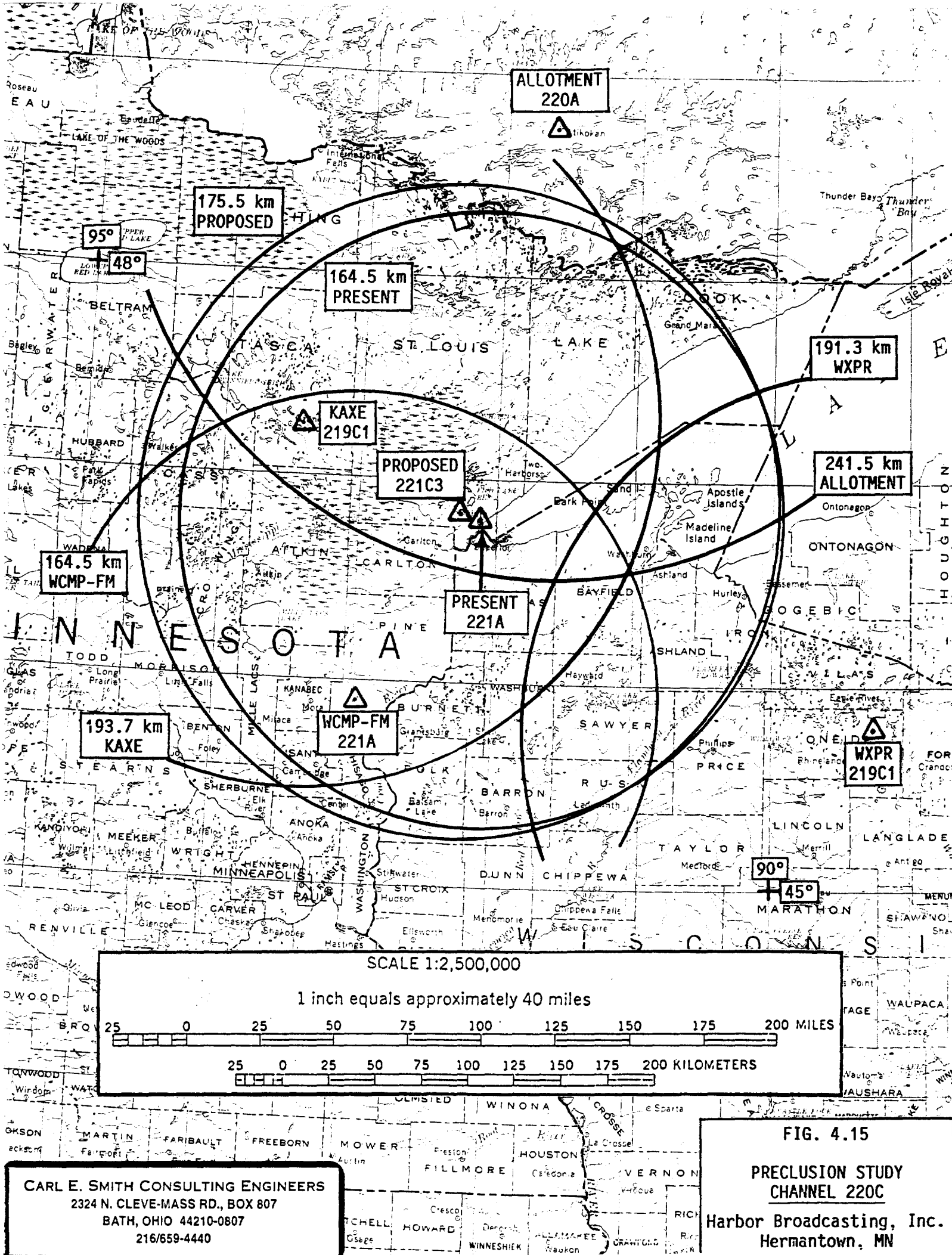

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FIG. 4.15

PRECLUSION STUDY
CHANNEL 220C

Harbor Broadcasting, Inc.
Hermantown, MN

CERTIFICATE OF SERVICE

I hereby certify that I have this 15th day of March, 1996 sent a copy of the foregoing PETITION FOR RULEMAKING by First-Class United States mail, postage prepaid, to the following:

Station WCMP
Pine City Broadcasting Company, Inc.
RR Two
Pine City, MN 55063

Station WELY
BJL Broadcasting Corporation
P.O. Box 630
Ely, MN 55731

Timothy E. Welch