FCC Form 352
May 1988

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

AM BROADCAST STATION LICENSE

File No. : BL-950830AB

Call Sign : K O M O

LICENSEE:

MAIN TRANSMITTER
FISHER BROADCASTING, INC.

1. Community of License. . . : Seattle, WA

2. Transmitter location. . . . . : 1.5 miles Northeast of Vashon, WA

North Latitude. . . . . : 47° 27' 49"
West Longitude . . . . . : 122° 26' 27"

3. Transmitter(s): Type Accepted. See Sections 73 1660 73.1665 and 73.1670 of the Commission s rules)

4. Main Studio Location: *(See Section 73.1125)*
100 Fourth Avenue North
Seattle, WA

5. Remote control location
100 Fourth Avenue North
Seattle, WA

6. Antenna and ground system:
SEE ATTACHED.

7. Obstruction marking and lighting specifications - FCC Form 715, paragraphs: 1, 3, 4, 13 and 21.

8. Frequency. . . . . : 1000 kHz

9. Nominal power (kW). . . . . : 50 Day 50 Night

Antenna input power (kW) :

50 Day ☒ Non-directional antenna: current 13.57 amperes: resistance 271.6 ohms.
☐ Directional antenna :

52.6 Night ☐ Non-directional antenna: current 32.45 amperes: resistance 50 ohms.
☒ Directional antenna :

10. Hours of operation : Unlimited.

11. Conditions. . . . . :
11-28-95: This supersedes authorization as of same date to correct the Operating Specifications and monitor point descriptions and values.

Subject to the provisions of the Communications Act of 1934, as amended, subsequent Acts, Treaties, and Commission rules made thereunder and further subject to conditions set forth in this license,[1] the LICENSEE is hereby authorized to use and operate the radio transmitting apparatus herein described for the purpose of broadcasting for the term ending 3 A.M. Local Time
February 1, 1998

The Commission reserves the right during said license period of terminating this license or making effective any change, or modification of this license which may be necessary to comply with any decision of the Commission rendered as a result of any hearing held under the rules of the Commission prior to the commencement of this license period
The license is issued on the licensee's representation that the statements contained in the licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest convenience or necessity to the full extent of the privileges herein conferred.
This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof nor in any other manner than authorized herein Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended This license is subject to the right f or control by the Government of the United States conferred by section 606 of the Communications Act of 1934, as amended

DFL

[1] This license consists of this page and pages 2 and 3

Dated: October 12, 1995

FEDERAL COMMUNICATIONS COMMISSION

FCC Form 353-A

File No. BL-950830AB Call Sign KOMO (AM)

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

No. and Type of Elements: Three (3) vertical, guyed, series-excited steel radiators of uniform cross section. Nighttime Theoretical RMS: 2674.57 mV/m at 1 km; Augmented RMS: 3019.70 mV/m at 1 km.

	#1 (C)	#2 (N)	#3 (S)
Height above Insulators:	149.3 m (180°)	153.3m (184°)	141.1m(170°)
Overall Height:	151.5 m	155.5 m	143.3 m

Spacing and Orientation: From the reference point, Tower #1 (C) is oriented 70° True and spaced 10.5° , Tower #2 (N) is oriented 10° True and spaced 105°, and Tower #3 (S) is oriented 190° True and spaced 105°.

Non-Directional Antenna: Tower #1 (C) is used daytime; Theoretical Efficiency: 381.41 mV/m/kW at 1 km.

Ground System consists of 120 equally spaced, buried, copper radials about the base of each tower 149.4 m in length except where intersecting radials are shortened and bonded and alternate radials are terminated by copper clad ground rods, plus a 14.6 m by 14.6 m ground screen about the base of each tower.

2. THEORETICAL SPECIFICATIONS

Tower	#1 (C)	#2 (N)	#3 (S)
Phasing:	163.7°	0°	0°
Field Ratio:	1.0	0.56	0.56

3. OPERATING SPECIFICATIONS

Phase Indication*:	0°	-162.8°	176.1°
Antenna Base Current Ratio:	1.0	0.791	0.370
Antenna Monitor Sample Current Ratio:	1.0	0.616	0.535

* As indicated by Potomac Instruments 1901 Antenna Monitor.

Antenna sampling system approved under Section 73.68(b) rules.

AUXILIARY ANTENNA

FCC Form 352
May 1988

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

File No. : BZ-880930AG

Call Sign : KOMO

LICENSEE:
FISHER BROADCASTING, INC.

1. Community of License : Seattle, WA

2. Transmitter location : 1 ½ miles Northeast of Vashon, WA

North latitude : 47 ° 27 ' 57 "
West longitude : 122 ° 26 ' 27 "

3. Transmitter(s): Type Accepted. (See Sections 73.1660, 73.1665 and 73.1670 of the Commission's rules)

4. Main Studio location: (See Section 73.1125)

5. Remote control location:
100 Fourth Avenue North
Seattle, WA

6. Antenna and ground system: Auxiliary tower #2.
Vertical, guyed, series-excited steel radiator of uniform cross section 153.3 m (184°) in height (155.45 m Overall). Theoretical Efficiency: 386.24 mV/m/Kw @ 1 km. Ground system consists of 120 equally, spaced, buried, copper radials 149 m in length except where overlap or where terminated by property boundaries plus a 14.6 m by 14.6 m ground screen.

7. Obstruction marking and lighting specifications - FCC Form 715, paragraphs: 1, 3, 4, 13 & 21.

8. Frequency : 1000 kHz

9. Nominal power (kW) : 50.0 Day — — Night

Antenna input power (kW):

50.0 Day ☒ Non-directional antenna: current 15.68 amperes; resistance 203.3 ohms.
☐ Directional antenna :

---- Night ☐ Non-directional antenna: current ---- amperes; resistance ---- ohms.
☐ Directional antenna :

10. Hours of operation: ~~Xxxxxxxxx~~ For Auxiliary Purposes during daytime only.

11. Conditions : - - -

4-27-89: This supersedes authorization as of same date to correct the West Longitude, the transmitter location and the remote control location.

Subject to the provisions of the Communications Act of 1934, as amended, subsequent Acts, Treaties, and Commission rules made thereunder, and further subject to conditions set forth in this license,[1] the LICENSEE is hereby authorized to use and operate the radio transmitting apparatus herein described for the purpose of broadcasting for the term ending 3 A.M. Local Time February 1, 1991.

The Commission reserves the right during said license period of terminating this license or making effective any change, or modification of this license which may be necessary to comply with any decision of the Commission rendered as a result of any hearing held under the rules of the Commission prior to the commencement of this license period or any decision rendered as a result of any such hearing which has been designated but not held, prior to the commencement of this license period.

The license is issued on the licensee's representation that the statements contained in the licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934, as amended.

[1] This license consists of this page and pages

Dated: MAR 30 1989

DB/ajs

FEDERAL COMMUNICATIONS COMMISSION

AFA -

KOMO AM Monitor Point Description

Monitor Point #1

Direction: 80° of true north radial
Distance from antenna system: 7.6km (4.7mi)
Location: Chelsea Park Assembly Church, 632 SW 143rd Street, Burien, WA
Field intensity not to exceed: 45.19mV/m
Directions: From Fisher Plaza, proceed south on Highway 99. Continue onto Highway 509 south. Exit at S 146th Street and turn right. Immediately turn right again onto 1st Ave S. Turn left on SW 143rd Street. Proceed west until just past 6th Avenue SW. Turn right into the Hope Christian Church parking lot.
Exact Location: Near NE corner of the church yard. 50ft west of the fence on east edge of property, 35ft south of the fence on north edge of property, at edge of parking blacktop.

Monitor Point #2

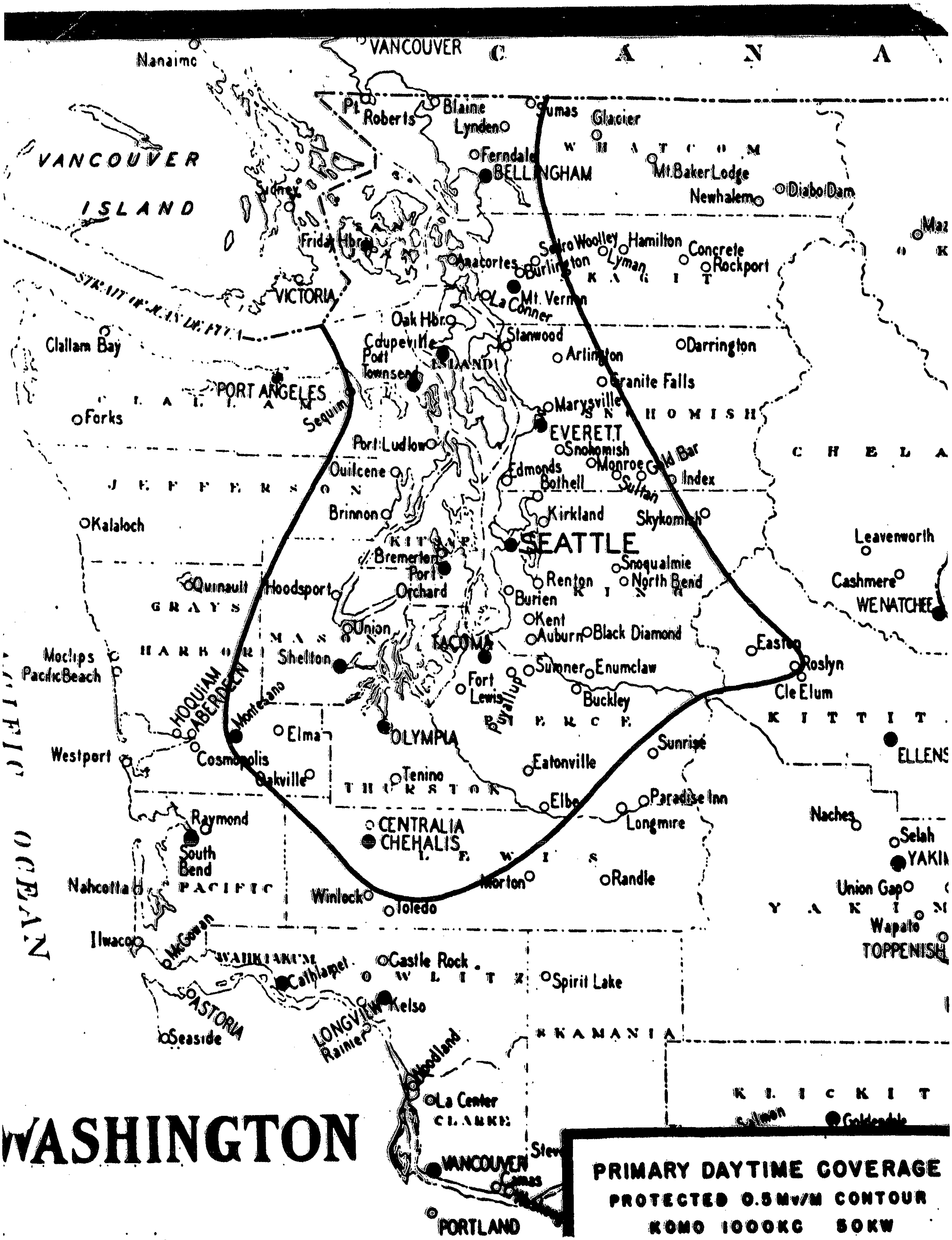
Direction: 92.5° of true north radial
Distance from antenna system: 8.2km (5.1mi)
Location: Albertsons grocery store, 15840 1st Ave S, Burien, WA
Field intensity not to exceed: 51.26mV/m
Directions: From MP#1, proceed east on SW 143rd Street. Turn right on 1st Ave. S. Just before the intersection with S 160th Street, turn left into the Albertson's parking lot.
Exact Location: Storm drain grate near the center of parking lot in front of Albertson's.

Monitor Point #3

Direction: 100° of true north radial
Distance from antenna system: 6.4km (4.0mi)
Location:, Gregory-Seahurst Swim Club, 16700 19th Avenue SW, Burien, WA
Field intensity not to exceed: 94.01mV/m
Directions: From MP#2, proceed out of the south exit. Take a right onto S 160th Street. Proceed west to 19th Avenue SW and turn left. Proceed south until just after the intersection with SW 167th Street. Turn left into the community swimming pool parking lot.
Exact Location: 20ft north of the large cedar tree and 15ft west of the parking blacktop.

Monitor Point #4

Direction: 114° of true north radial
Distance from antenna system: 10.6km (6.6mi)
Location: Former Maywood Elementary School, S 200th St. and 13th Ave S, Seatac, WA
Field intensity not to exceed: 45.10mV/m
Directions: From MP#3, proceed north on 19th Avenue SW. Turn right on SW 160th Street and proceed east, past the intersection with 1st Ave S. Turn right onto the Highway 509 South onramp and proceed about a mile. Exit at S 188th Street / Des Moines. Merge on to Des Moines Memorial Drive. Immediately turn right to stay on Des Moines Memorial Drive. Proceed south to S 200th Street and turn left. Proceed east a few blocks. Just after 13th Avenue S., turn left into the parking lot of the former Maywood Elementary School building and park at the end of the turnabout. Walk to the concrete pad with faded paint markings 75ft north of the turnabout.
Exact Location: A few feet west of the tetherball pole at the NW corner of the concrete pad.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CANADA
VANCOUVER ISLAND
PACIFIC OCEAN
VANCOUVER
Nanaimo
Pt. Roberts
Blaine
Lynden
Sumas
Glacier
WHATCOM
Ferndale
BELLINGHAM
Mt. Baker Lodge
Newhalem
Diablo Dam
Sidney
Friday Hbr.
VICTORIA
Anacortes
Burlington
Sedro Woolley
Hamilton
Lyman
Concrete
Rockport
SKAGIT
Mt. Vernon
La Conner
Oak Hbr.
Coupeville
ISLAND
Stanwood
Arlington
Darrington
Clallam Bay
PORT ANGELES
CLALLAM
Sequim
Port Townsend
Granite Falls
Marysville
EVERETT
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Snohomish
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Hoodsport
GRAYS HARBOR
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Black Diamond
Easton
Roslyn
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KITTITAS
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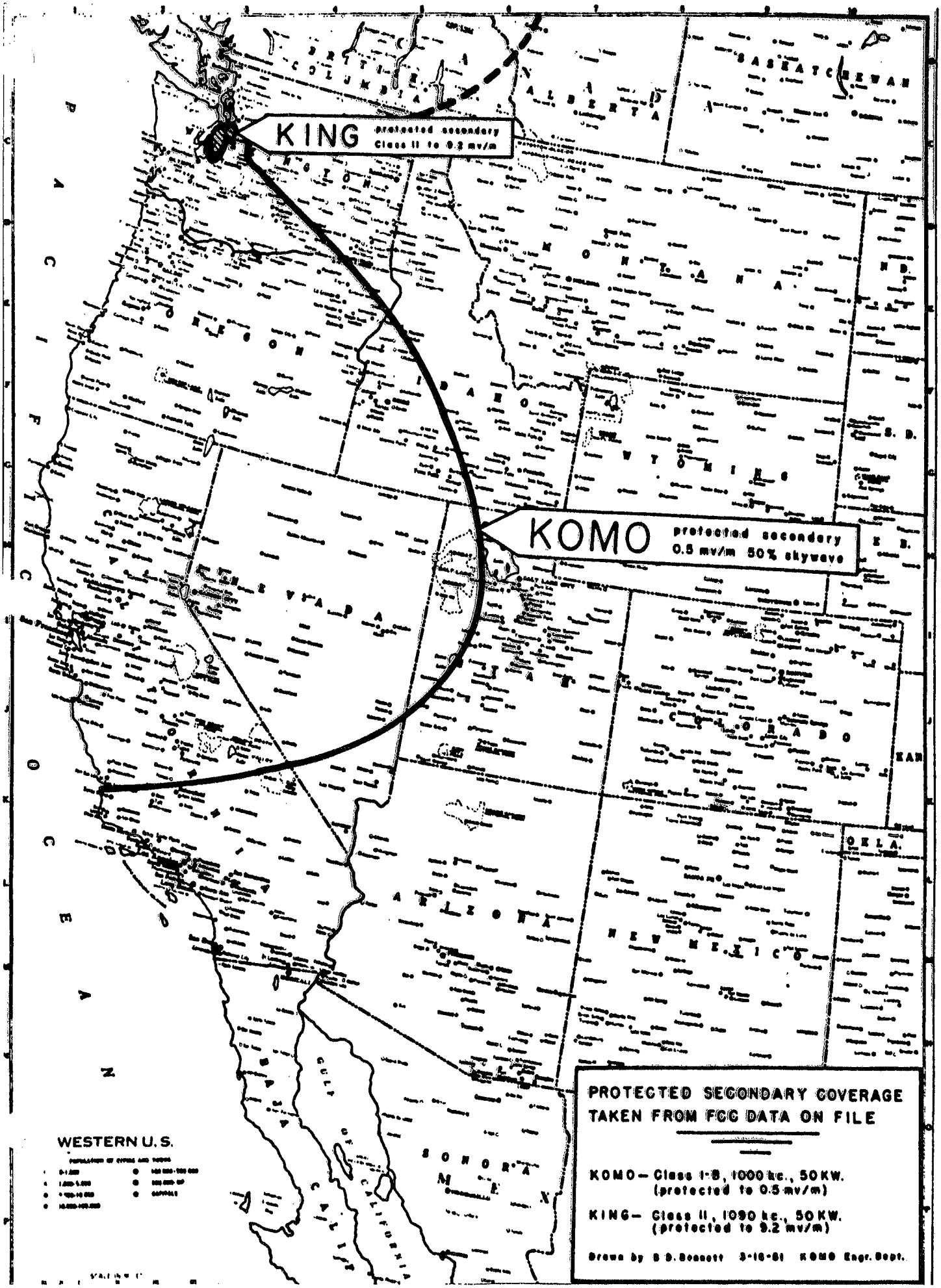
Toledo
Morton
Randle
Union Gap
Wapato
TOPPENISH
Ilwaco
McGowan
WAHKIAKUM
Cathlamet
Castle Rock
COWLITZ
Spirit Lake
ASTORIA
Seaside
LONGVIEW
Kelso
Rainier
SKAMANIA
Woodland
La Center
CLARKE
KLICKITAT
Goldendale
VANCOUVER
Camas
PORTLAND
PRIMARY DAYTIME COVERAGE
PROTECTED 0.5MV/M CONTOUR
KOMO 1000KC 50KW


KING
protected secondary
Class II to 9.2 mv/m
KOMO
protected secondary
0.5 mv/m 50% skywave
WESTERN U.S.
PROTECTED SECONDARY COVERAGE
TAKEN FROM FCC DATA ON FILE
KOMO – Class I-B, 1000 kc., 50 KW.
(protected to 0.5 mv/m)
KING – Class II, 1090 kc., 50 KW.
(protected to 9.2 mv/m)
Drawn by B.D. Bennett 3-16-81 KOMO Engr. Dept.