Original

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JAN 12 1995
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Matt Jarvis
Jarvis Communications, Inc.
Radio Station KORC AM
P.O. Box 1419
Waldport, Oregon 97394

January 9, 1995

DOCKET FILE COPY ORIGINAL

Secretary
Federal Communications Commission
1919 M. Street N.W.
Washington, D.C. 20554

RE: PETITION FOR RULE MAKING

Gentlemen:

1. I, Matt Jarvis, owner of Jarvis Communications, Inc., licensee of KORC AM, Waldport, Oregon, submit for your approval, a "Petition for Rule Making" to the FCC to add FM channel 288A (105.5 Mhz.) to the City of Waldport, Oregon. This would be the first local FM service assigned to the City of Waldport.

2. If you agree with our proposal, the FM Table of Allotments, Section 73.202 (b) of the Rules, would be changed to read:

	Channel Number	
City	Present	Proposed
Waldport, Oregon	None	288A

3. Included with this petition are one original and four copies of an engineering statement by Ken Williams Jr., P.E. that shows that Channel 288A can be assigned to Waldport, Oregon without being short-spaced to any co-channel or adjacent station.

No. of Copies rec'd 0+4
List ABCDE

4. If you assign Channel 288A to Waldport, it is the intention of Jarvis Communication, Inc. to apply for the construction permit and if awarded to us to build and operate the Station.

5. Please address any communication regarding this Petition to:

Matt Jarvis
Jarvis Communications, Inc.
Radio Station KORC AM
P.O. Box 1419
Waldport, Oregon 97394
Phone: (503) 563-5100
Fax: (503) 563-5116

I verify that the information contained in this petition is accurate to the best of my knowledge.

Thank you for your help in this matter.

Very truly yours,

Matt Jarvis
Enclosures

RECEIVED
JAN 12 1995
FCC MAIL ROOM

Original

ENGINEERING EXHIBITS

ENGINEERING EXHIBITS

A REQUEST TO AMEND SECTION
73.202, FOR ALLOCATION OF
FM CHANNEL 288A TO
Waldport, Oregon

APPLICANT:
Jarvis Communications, Inc.
Waldport, Oregon

KENNETH WILLIAMS, Jr., P.E.
Consulting Engineer
P.O. Box 7703
Tacoma, WA 98407

(206) 756-7544

ENGINEERING EXHIBITS

Original

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A REQUEST TO AMEND SECTION
73.202, FOR ALLOCATION OF
FM CHANNEL 288A TO
Waldport, Oregon

APPLICANT:
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Waldport, Oregon

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Consulting Engineer
P.O. Box 7703
Tacoma, WA 98407

(206) 756-7544

ENGINEERING STATEMENT IN SUPPORT OF A PROPOSAL TO ADD FM CHANNEL 228A TO WALDPORT, OREGON

The following Engineering data supports a request of Jarvis Communications, Inc., of Waldport, Oregon to amend the FM tabled of Allotments. It is requested FM channel 288 be allotted to Waldport, Oregon.

The addition of FM channel 228A may be made as a drop in channel without other channels being moved, deleted or changed beyond what is presently proposed by other stations.

With the use of a restricted site near N. 44°29'30", W. 124°04'45" an Allotment of channel 228A may be made at Waldport, Oregon. The restricted site is 5.5 km North Northwest of Waldport. The site would place Waldport well within the 70 DBU contour as shown on Figure No. 1 and will not cause short spacing to existing or proposed stations in the U.S. or Canada.

Complete Class A channel study is shown as attached Figure A and Figure B. All channel spacings in these figures are within the Commission's current minimum separation requirements at the petitioner's proposed transmitter and antenna site.

All distance figures used in this report are metric and calculations were made using methods specified in Section 73.208 of the FCC Rules.

All distances were in reference to the restricted site coordinates of N. 44°29'30" W. 124°04'45".

ENGINEERING STATEMENT CONT.

Our request for change in the FM Table of FM Allotments in section 73.202(b) of the Commissions Rules are:

Waldport, Oregon

Existing	Proposed
NONE	288A

On the following pages are figures which support our request for this Allotment.

DATA SUPPLIED

The expected coverage from restricted site is shown as figure No. 1, the tabulated data used to prepare figure No. 1 is shown as figure No. 4 and is based on 30 sec. NGDC terrain data. The standard 8 radial terrain data is shown as figure No. 5. Note only 4 radials fall over land, the other radials fall over the Pacific Ocean and are not included in the average elevation. The City radial is 170° true and tabulated data for this radial is shown as figure No. 3. Since the Cite is located in the coastal area where there are rapid elevation changes, the terrain roughness was considered, on radials 165, 170 and 175° true. The results at the most distant City boundaries fields are, 165° is not less than 76DBU, 170° not less than 77 DBU and 175° 78DBU, thus the City is Well within the required 70 DBU contour. Roughness factor delta H is shown as figure 3-A.

ENGINEERS CERTIFICATION

STATE OF WASHINGTON)
) ss
COUNTY OF PIERCE)

Kenneth Williams, Jr., P.E., being duly sworn on his oath, states that he is an experienced and qualified Radio Engineer, licensed as a Registered Professional Electrical Engineer in the States of Washington and Oregon and as such maintains an office for the practice of Electrical and Communications Engineering. Having been in continuous practice as a Consulting Engineer for over 30 years, his qualifications are thus a matter of record with the Federal Communications Commission and the Federal Aviation Administration.

The Engineering data herein, was prepared by him or under his direct supervision and all representation of fact contained in said report is based on affiants measurements, information and belief and he believes all such statements herein to be true and correct.

KENNETH WILLIAMS JR. STATE OF WASHINGTON 8456 REGISTERED PROFESSIONAL ENGINEER

EXPIRES: 7-15-95

Kenneth Williams, Jr.
(Kenneth Williams, Jr., P.E.)
(affiant)

ENGINEERS STATE SEAL

Sworn to before me, Lou Ann Jean Williams a Notary Public of Tacoma, Washington, on this 20th day of June, 1994.

My Commission Expires April 4, 1995.

NOTARY STATE SEAL:

OFFICIAL SEAL
LOU ANN JEAN WILLIAMS
Notary Public State of Washington
My Comm. Expires 4-4-95

FIGURE A

Jarvis Communications, Inc.
Waldport, Oregon

CLASS A FM CHANNEL STUDY
** CHANNEL 288 **

REFERENCE SITE - Near Waldport, OR N. 44 29 30 W. 124 4 45

CHANNEL & CLASS	CALL STATUS	Owner/Applicant CITY STATE	FILE No.	(m) Horz->AHAAT/ERP/AMSL Vert->AHAAT/ERP/AMSL	(kw)	(m)	LATITUDE LONGITUDE	(deg) AZIMUTH [	(km) DIST MARGIN]
105.1 Mhz.		Bear Creek Broadcasting Company, Inc.							
286 C1	KROG	Phoenix		166	52.	683	42-25-41	159.2	245.3
FM	LIC	OR	BLH 901001KD	166	52.	683	123- 0- 4	170.3 KM	CLEAR
105.1 Mhz.		Daytona Group of Oregon, Inc.							
286 C	KXYQ	Salem		561	100.	1426	45- 0-28	67.4	149.5
FM	LIC	OR	BLH 870527KB	561	100.	1426	122-20- 5	54.5 KM	CLEAR
105.5 Mhz.		Signal Communications, Inc.							
288 A	NEW	Cottage Grove		177	1.85	526	43-44- 3	136.8	115.4
FM	APP	OR	BPH 910923ME	177	1.85	526	123- 5-30	0.4 KM	CLEAR
105.5 Mhz.		Columbia Gorge Broadcasters, Inc.							
288 A	KCGBFM	Hood River		-140	3.00	201	45-42- 7	56.1	241.1
FM	LIC	OR	BLH 781124AB	-140	3.00	201	121-32-10	126.1 KM	CLEAR
105.5 Mhz.									
288 A		Cottage Grove					43-47-54	133.2	112.4
FA	VACA	OR					123- 3-18	-2.6 KM	SHORT
105.5 Mhz.		Longview Broadcasting Company							
288 A	KLYK	Longview		280	0.32	439	46- 9-20	27.5	208.4
FM	LIC	WA	BLH 850124KT	280	0.32	439	122-51- 9	93.4 KM	CLEAR
105.5 Mhz.		Longview Broadcasting Company							
288 A	KLYK	Longview		262	0.70	451	46- 9-52	27.3	209.2
FM	CP	WA	BPH 920513IE	262	0.70	451	122-51-13	94.2 KM	CLEAR
105.7 Mhz.									
289 C3		South Bend					46-39-48	5.1	242.3
FA	VACA	WA					123-48-12	153.3 KM	CLEAR
105.7 Mhz.		Blue Denim Music, Inc.							
289 C3	NEW	South Bend		271	3.5	359	46-41-43	5.6	246.1
FM	APP	WA	BPH 910826MN	271	3.5	359	123-46-15	157.1 KM	CLEAR
105.7 Mhz.		JJP Broadcasting, Inc.							
289 C1	KQAK	Bend		180	40.	1318	44- 4-40	101.8	224.1
FM	CP	OR	BPH 911224IE	180	40.	1318	121-19-48	91.1 KM	CLEAR
105.7 Mhz.		JJP Broadcasting, Inc.							
289 C2	KQAK	Bend		180	35.	1318	44- 4-40	101.8	224.1
FM	LIC	OR	BLH 860828KA	180	35.	1318	121-19-48	118.1 KM	CLEAR
105.9 Mhz.		Smith Broadcasting, Inc.							
290 C2	NEW	Vancouver		348	5.90	633	45-40-46	45.6	188.5
FM	APP	WA	BPH 890412MC	348	5.90	633	122-22- 6	133.5 KM	CLEAR

FIGURE A - Cont.

Jarvis Communications, Inc.
Waldport, Oregon

CLASS A FM CHANNEL STUDY
** CHANNEL 288 **

REFERENCE SITE - Near Waldport, OR N. 44 29 30 W. 124 4 45

CHANNEL & CLASS	CALL STATUS	Owner/Applicant CITY STATE	FILE No.	(m) Horz->AHAAT/ Vert->AHAAT	(kw) ERP/ ERP/	(m) AMSL/ AMSL	LATITUDE LONGITUDE	(deg) AZIMUTH [MARGIN	(km) DIST]
105.9 Mhz.		Trans-Columbia Communications							
290 C2	NEW	Vancouver		343	9.1	628	45-40-45	45.6	188.5
FM	APP	WA	BPH 890413NL	343	9.1	628	122-22- 5	133.5 KM	CLEAR
105.9 Mhz.		Clark Broadcasting Limited Partnership							
290 C2	NEW	Vancouver		390	6.00	477	45-31-22	42.4	155.1
FM	APP	WA	BPH 890413MJ	390	6.00	477	122-45- 7	100.1 KM	CLEAR
105.9 Mhz.		Florinda J. Weagant							
290 C2	NEW	Vancouver		330	10.0	421	45-31-27	42.5	155.5
FM	APP	WA	BPH 890412MI	330	10.0	421	122-44-48	100.5 KM	CLEAR
105.9 Mhz.									
290 C2		Coos Bay					43-21-15	185.9	127.1
FA	VACA	OR					124-14-31	72.1 KM	CLEAR
105.9 Mhz.									
290 C2		Vancouver					45-37-30	41.4	167.8
FA	VACA	WA					122-40-12	112.8 KM	CLEAR
105.9 Mhz.		McCoy Communications Limited Partnership							
290 C2	NEW	Vancouver		390	6.7	478	45-31-22	42.4	155.1
FM	APP	WA	BPH 890413MA	390	6.7	478	122-45- 7	100.1 KM	CLEAR
105.9 Mhz.		Columbia River Wireless, Inc.							
290 C2	NEW	Vancouver		252	18.0	353	45-27-17	48.4	161.2
FM	APP	WA	BPH 890412MF	252	18.0	353	122-32-58	106.2 KM	CLEAR
105.9 Mhz.		Columbia FM Limited Partnership							
290 C2	NEW	Vancouver		384	7.0	473	45-31-22	42.4	155.1
FM	APP	WA	BPH 890413NH	384	7.0	473	122-45- 7	100.1 KM	CLEAR
105.9 Mhz.		KLRK, Inc.							
290 C2	NEW	Vancouver		150	50.0	262	45-35-31	46.6	178.0
FM	APP	WA	BPH 890413MC	150	50.0	262	122-26-12	123.0 KM	CLEAR
105.9 Mhz.		Q Prime Inc.							
290 C2	NEW	Vancouver		406	6.1	478	45-31-22	42.4	155.1
FM	APP	WA	BPH 890411MA	406	6.1	478	122-45- 7	100.1 KM	CLEAR
105.9 Mhz.		Thomas M. Eells							
290 C2	NEW	Vancouver		406	6.3	478	45-31-22	42.4	155.1
FM	APP	WA	BPH 890413MH	406	6.3	478	122-45- 7	100.1 KM	CLEAR

>>>>>> END OF CHANNEL 288 SEARCH <<<<<<

FIGURE B
CHANNELS 10.6-10.8 Mhz. SPACINGS

FM WITHIN 175 km
** CHANNELS 234 TO 235 **

REFERENCE SITE - Waldport, OR N. 44 29 30 W. 124 4 45

CHANNEL & CLASS	CALL STATUS	Owner/Applicant CITY STATE	FILE No.	(m) Horz->AHAAT/ Vert->AHAAT/	(kw) ERP/ ERP/	(m) AMSL AMSL	LATITUDE LONGITUDE	(deg) AZIMUTH	(km) DIST
94.7 Mhz.		Pacific N.W. Broadcasting Corporation							
234 C3	KMUZFM	Camas		259	3.70	358	45-27- 8	48.5	161.2
FM	LIC	WA	BLH 921125KB	259	3.70	358	122-32-47		
94.7 Mhz.		Seaside Broadcasting Corporation							
234 A	KQEM	Seaside		65	3.00	206	45-58-55	4.4	166.1
FM	CP	OR	BPH 880310MN	65	3.00	206	123-55- 2		
94.9 Mhz.		Bay Broadcasting Corporation							
235 C1	KOOS	North Bend		153	56.	280	43-23-26	181.9	122.4
FM	LIC	OR	BLH 870615KB	153	56.	280	124- 7-46		

>> END OF FM WITHIN 175 km STUDY <<

No 10.6 or 10.8 mhz. spacing problems were found.

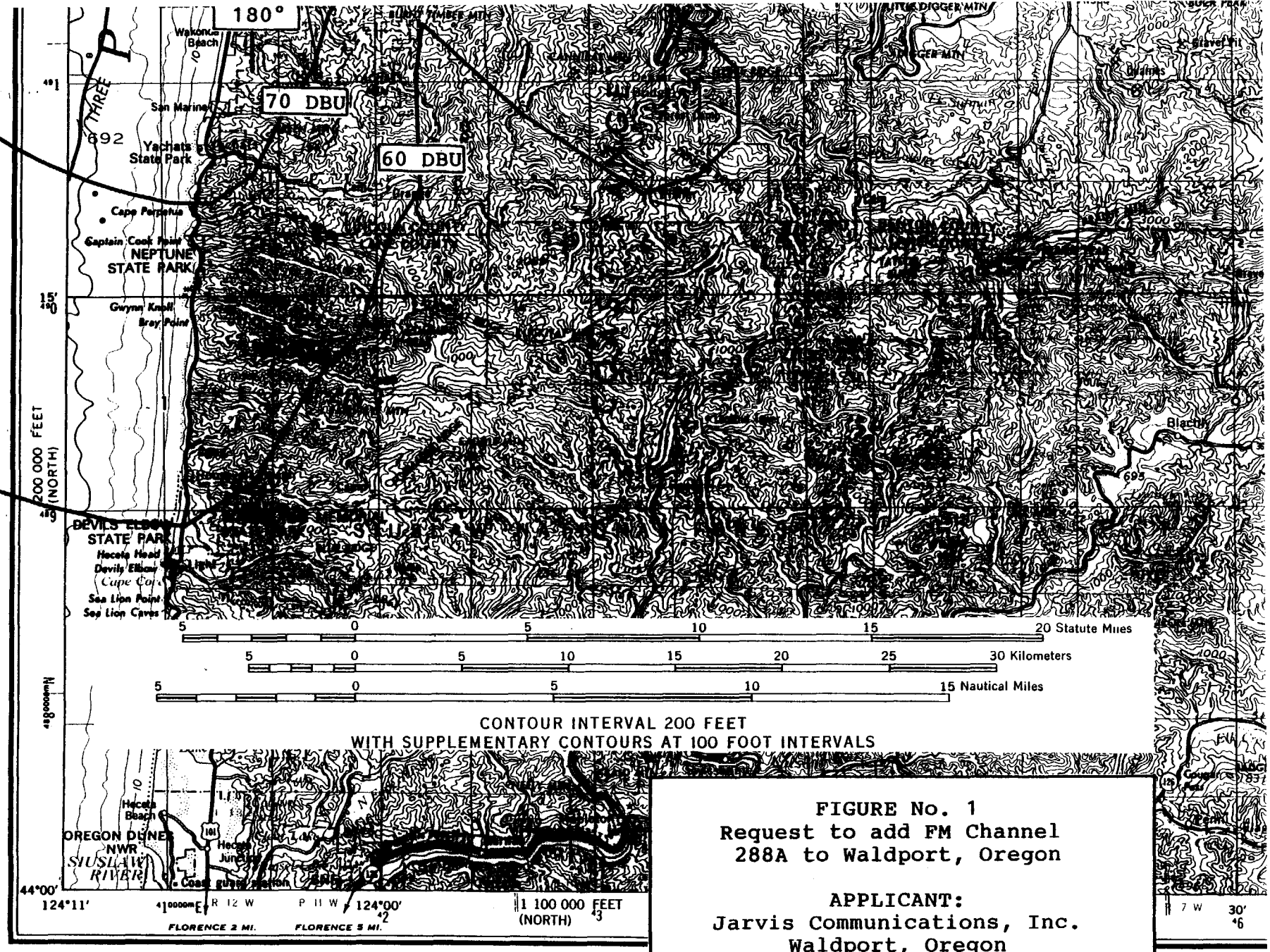


FIGURE No. 1
Request to add FM Channel
288A to Waldport, Oregon

APPLICANT:
Jarvis Communications, Inc.
Waldport, Oregon

MAP SHOWING CONTOURS WITH RESPECT
TO WALDPORT, OR

MAPPED, EDITED, AND PUBLISHED BY THE U. S. GEOLOGICAL SURVEY AND THE NATIONAL OCEAN SURVEY

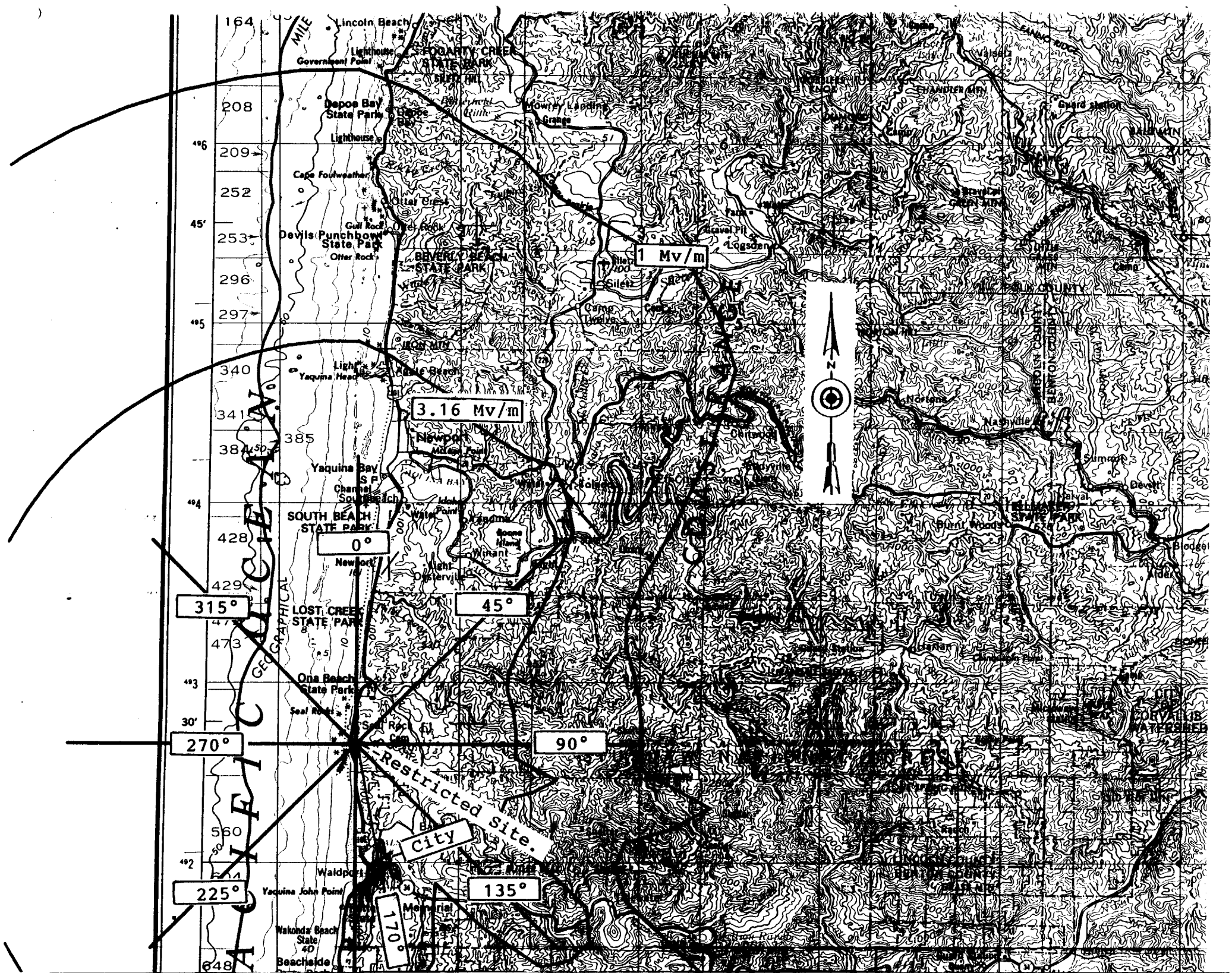
Original topographic map prepared by the Defense Mapping Agency Topographic Center from 1:48,000, 1:50,000, 1:62,500-scale maps dated 1909–1957, and from aerial photographs taken 1955. Field checked 1960. Planimetry revised by the U. S. Geological Survey from aerial photographs taken 1975. Map edited 1977

Bathymetry and shoreline compiled by the National Ocean Survey (NOS). Bathymetry was compiled from NOS Hydrographic Surveys (see index), which comply with International Hydrographic Organization (IHO) Special

POPULATED

Over 500,000
100,000 to 500,000 — OMAHA
25,000 to 100,000 — GALVESTON
5,000 to 25,000 — Durango
1,000 to 5,000 — Grand Coulee
Less than 1,000 — Sun Valley

Light-duty, all-weather, hard or improved surface
Fair or dry weather, unimproved surface
Trail
Interchange



1 Mv/m
3.16 Mv/m
0°
45°
90°
135°
170°
225°
270°
315°
Restricted Site.
City
Lincoln Beach
Lighthouse
Government Point
FOGARTY CREEK STATE PARK
Depoe Bay State Park
Lighthouse
Cape Foulweather
Otter Crest
Gull Rock
Devils Punchbowl State Park
Otter Rock
BEVERLY BEACH STATE PARK
Mowrey Landing
Grange
Logsden
Gravel Pit
Siletz
Camp Twelve
IRON MTN
Yaquina Head
Agate Beach
Newport
Yaquina Bay
Channel
Southbeach
SOUTH BEACH STATE PARK
Newport
Winant
Dysterville
LOST CREEK STATE PARK
Ona Beach State Park
Seal Rocks
Waldport
Yaquina John Point
Memorial
Wakonda Beach State
Beachside
Nortons
Nashville
Summit
Devitt
Burnt Woods
Blodgett
Alder
Valsetz
Guard station
Camp
POLK COUNTY
LINCOLN COUNTY
BENTON COUNTY
GEOGRAPHICAL
N

WALDPORT QUADRANGLE
OREGON—LINCOLN CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

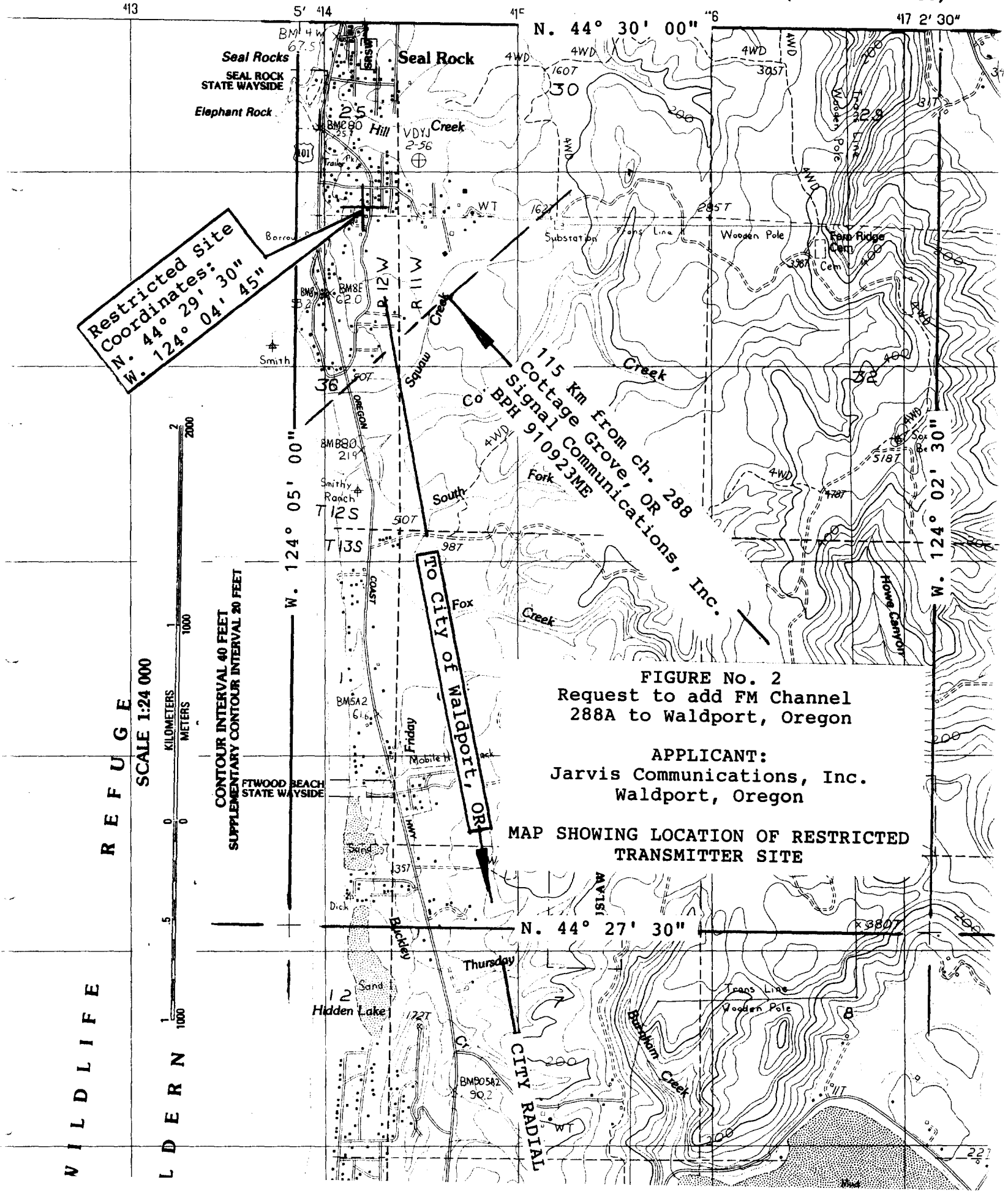


FIGURE No. 2
Request to add FM Channel
288A to Waldport, Oregon

APPLICANT:
Jarvis Communications, Inc.
Waldport, Oregon

MAP SHOWING LOCATION OF RESTRICTED
TRANSMITTER SITE

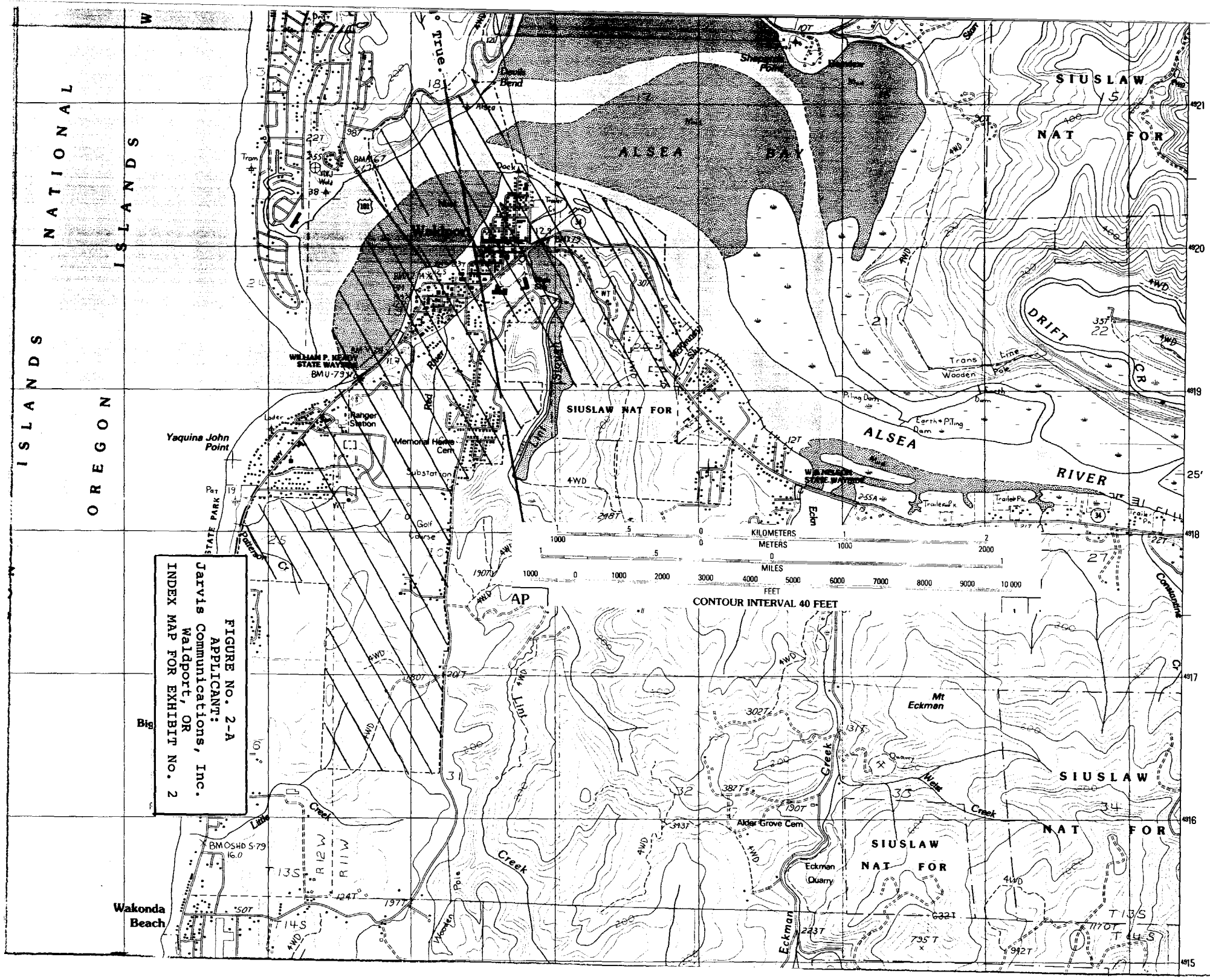


FIGURE No. 2-A
APPLICANT:
Jarvis Communications, Inc.
Waldport, OR
INDEX MAP FOR EXHIBIT No. 2

WALDPORT QUADRANGLE
OREGON—LINCOLN CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

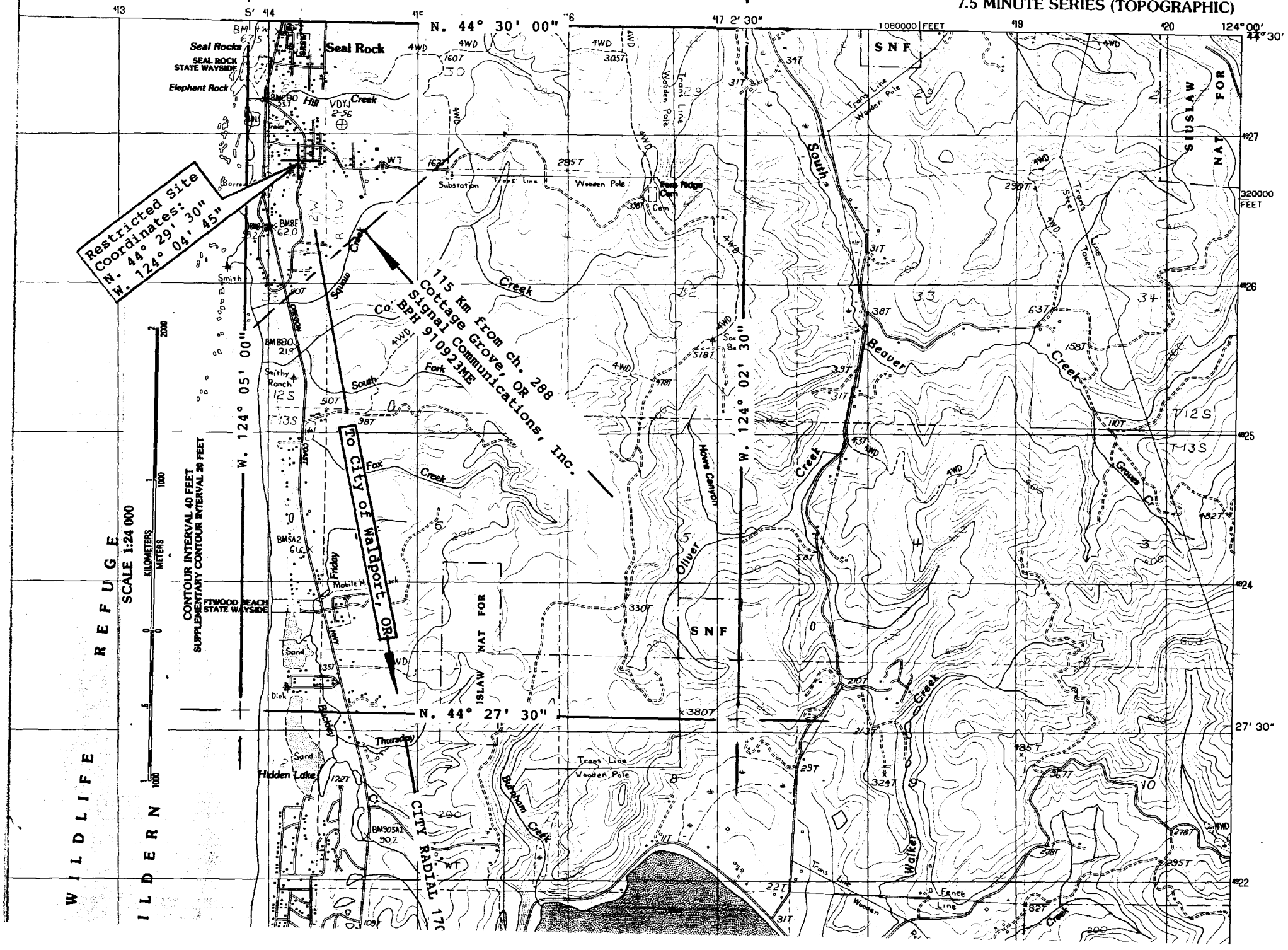


FIGURE No. 3

Jarvis Communications, Inc.
Waldport, Oregon

Tabulated terrain data for the 170°
City Radial

Data Shown with Distance in Kilometers and Elevation in meters

KM	EL
0.0	21.3
0.2	21.6
0.4	21.9
0.6	22.2
0.8	22.5
1.0	22.9
1.2	23.4
1.4	23.8
1.6	24.1
1.8	24.2
2.0	24.1
2.2	24.0
2.4	24.3
2.6	24.8
2.8	25.5
3.0	27.4
3.2	29.5
3.4	31.7
3.6	34.1
3.8	36.6
4.0	39.2
4.2	42.0
4.4	44.9
4.6	48.0
4.8	50.7
5.0	52.5
5.2	53.7
5.4	54.4
5.6	54.6
5.8	44.7
6.0	31.6
6.2	19.6
6.4	8.8
6.6	0.1
6.8	1.8
7.0	3.6
7.2	5.5
7.4	7.6
7.6	11.5
7.8	17.8
8.0	23.3

WALDPORT

KM	EL
8.2	28.0
8.4	31.8
8.6	33.8
8.8	35.5
9.0	37.6
9.2	40.0
9.4	43.0
9.6	43.0
9.8	44.0
10.0	44.9
10.2	45.9
10.4	47.6
10.6	51.3
10.8	54.6
11.0	57.5
11.2	60.0
11.4	60.2
11.6	58.9
11.8	57.6
12.0	56.3
12.2	55.0
12.4	58.5
12.6	63.1
12.8	68.1
13.0	73.5
13.2	79.7
13.4	88.6
13.6	98.0
13.8	107.1
14.0	115.9
14.2	121.6
14.4	123.4
14.6	124.9
14.8	126.1
15.0	127.1
15.2	138.2
15.4	154.5
15.6	172.7
15.8	192.7
16.0	214.0

FIGURE No. 3-A

Jarvis Communications, Inc.
Waldport, Oregon

TABULATED DELTA H FROM NDGC 30-Sec TERRAIN
FOR RADIALS ACROSS CITY OF WALDPORT

Starting point coordinates: 44 29 30 124 4 45

Maximum distance: 16.0 km Distance increment: .200 km

Azimuth	Endpoint Coordinates		3 - 16 km Average Elevation	Total Path Delta H
165.0	44.3526	124.0271	78.8 meters	129.0 meters
170.0	44.3499	124.0442	60.8	103.7
175.0	44.3483	124.0616	50.5	66.9

FIGURE No. 4

TABULATED DATA SHOWING DISTANCE IN KM
TO 70 and 60 DBU CONTOURS.

APPLICANT:
Jarvis Communications, Inc.
Waldport, OR

DISTANCES TO CONTOURS (Kilometers):

Frequency: 105.5000 MHz

F(50,50) Curves

AZ (degs)	HAAT (m)	ERP (dBk)	CONTOUR LEVELS (dBu) 70.0	60.0
.0	187	7.78	22.4	37.5
5.0	175	7.78	21.6	36.4
10.0	158	7.78	20.6	34.8
15.0	150	7.78	20.0	34.0
20.0	135	7.78	18.9	32.4
25.0	130	7.78	18.6	32.0
30.0	130	7.78	18.5	31.9
35.0	134	7.78	18.9	32.3
40.0	123	7.78	18.0	31.1
45.0	109	7.78	16.9	29.6
50.0	78	7.78	14.4	25.5
55.0	56	7.78	12.1	21.5
60.0	41	7.78	10.3	18.3
65.0	33	7.78	9.3	16.5
70.0	10	7.78	8.9	15.9
75.0	-29	7.78	8.9	15.9
80.0	10	7.78	8.9	15.9
85.0	10	7.78	8.9	15.9
90.0	15	7.78	8.9	15.9
95.0	-7	7.78	8.9	15.9
100.0	49	7.78	11.3	20.0
105.0	40	7.78	10.2	18.1
110.0	-6	7.78	8.9	15.9
115.0	24	7.78	8.9	15.9
120.0	37	7.78	9.8	17.4
125.0	94	7.78	15.7	27.7
130.0	110	7.78	17.0	29.7
135.0	108	7.78	16.9	29.5
140.0	99	7.78	16.1	28.4
145.0	58	7.78	12.4	22.0
150.0	20	7.78	8.9	15.9
155.0	40	7.78	10.2	18.1
160.0	63	7.78	12.8	22.9
165.0	72	7.78	13.8	24.6
170.0	101	7.78	16.2	28.6
175.0	120	7.78	17.8	30.8
180.0	163	7.78	20.9	35.2
185.0	186	7.78	22.3	37.4
190.0	189	7.78	22.5	37.6
195.0	189	7.78	22.5	37.6
200.0	189	7.78	22.5	37.6
205.0	189	7.78	22.5	37.6
210.0	189	7.78	22.5	37.6
215.0	189	7.78	22.5	37.6
220.0	189	7.78	22.5	37.6
225.0	189	7.78	22.5	37.6
230.0	189	7.78	22.5	37.6
235.0	189	7.78	22.5	37.6
240.0	189	7.78	22.5	37.6
245.0	189	7.78	22.5	37.6
250.0	189	7.78	22.5	37.6
255.0	189	7.78	22.5	37.6
260.0	189	7.78	22.5	37.6
265.0	189	7.78	22.5	37.6
270.0	189	7.78	22.5	37.6
275.0	189	7.78	22.5	37.6
280.0	189	7.78	22.5	37.6
285.0	189	7.78	22.5	37.6
290.0	189	7.78	22.5	37.6
295.0	189	7.78	22.5	37.6
300.0	189	7.78	22.5	37.6
305.0	189	7.78	22.5	37.6
310.0	189	7.78	22.5	37.6
315.0	189	7.78	22.5	37.6
320.0	189	7.78	22.5	37.6
325.0	189	7.78	22.5	37.6
330.0	189	7.78	22.5	37.6
335.0	189	7.78	22.5	37.6
340.0	189	7.78	22.5	37.6
345.0	189	7.78	22.5	37.6
350.0	189	7.78	22.5	37.6
355.0	189	7.78	22.5	37.6
360.0	187	7.78	22.4	37.5

FIGURE No. 5
NGDC 30 sec. TERRAIN DATA
Jarvis Communications, Inc.
Waldport, Oregon

Starting point coordinates: 44 29 30 124 4 45

Maximum distance: 16.0 km Distance increment: .160 km

Azimuth	Endpoint Coordinates		3 - 16 km Average Elevation	Total Path Delta H
.0	44.6356	124.0792	.0 meters	.0 meters
45.0	44.5933	123.9363	61.1	.0
90.0	44.4915	123.8774	189.1	.0
135.0	44.3898	123.9368	87.9	.0
180.0	44.3477	124.0792	18.1	.0
225.0	44.3898	124.2216	.0	.0
270.0	44.4915	124.2809	.0	.0
315.0	44.5933	124.2221	.0	.0