Technical Exhibit
Minor Change To A Pending Application

KABW (FM)
(Facility ID 164150)
Westport, WA

Proposed
Channel 267A
6 KW MAX- DA
46° 53” 04” N
124° 00’ 44” W

August 11, 2008

Technical Exhibit
Minor Change To A Pending Application
KABW (FM), Westport, WA
Channel 267A

Table of Contents

Technical Exhibit
Minor Change To A Pending Application
KABW (FM), Westport, WA
Channel 267A

Overview

This technical exhibit supports a minor amendment to a pending application (file number BP-20080609ACQ) of the licensed facilities of KABW (FM), Westport, WA (File number H-20071105AFN, Facility ID 164150). KABW (FM) is currently licensed to operate on Channel 267A. This application is proposing an increase in operating power and an increase in height. There will be no change in the channel or class.

Proposed Facilities

This ammendment proposes to change the antenna height above ground and antenna height above average terrain at the existing transmitter location of KABW (FM). It is proposed to operate into a directional antenna to provide contour protection under 73.215 toward KPLZ-FM, Seattle, WA. The antenna will be side mounted on an existing tower (ASR 1214859) and will not increase the overall height of the existing structure.

Proposed Coverage

Figure 1 is a computer generated map showing the coverage contours for the proposed operation of KABW (FM).

Allocation Study

A spacing study was performed according to section 73.207 of the Commission's rules. The study shows that the proposed operation of KABW (FM) meets all of the spacing requirements under section 73.207 except toward KPLZ-FM, Seattle, WA. This spacing study is attached as Figure 2. A study was performed to determine if KABW (FM) would meet the spacing requirements under section 73.215 toward KPLZ-FM and the study shows that KABW (FM) meets the section 73.215 spacing requirement by 19.9 km. This study is attached as Figure 3. Free and clear reference coordinates based on

73.207 are being specified as 46° 53" 24"; 124° 06' 06" (NAD27). This study is attached as Figure 4. Figure 5 is a computer generated map showing the contour protection that is being proposed toward KPLZ-FM, Seattle, WA. Figure 6 is a close up of the same map to better see that the interfering 54 dBu F50/10 contour of KPLZ-FM does not overlap the protected 60 dBu F50/50 contour of the proposed KABW (FM). Therefore the licensee respectfully requests 73.215 contour protection processing toward KPLZ-FM.

Environmental Considerations

The antenna is to be side mounted on an existing tower. Since the installation of the antenna will not increase the height of the existing tower the proposed facility should be exempt from environmental processing under 47 CFR Section 1.1306.

The proposed facility was evaluated in terms of potential radio frequency exposure in the vicinity of the tower. The FCC's FM Model program was used for the determination. The Phelps-Dodge "Ring Stub" or Dipole antenna ("worst case"), an effective radiated power of 12 kW (6 kW horizontal and 6 kW vertical), and a center of radiation of 73.4 m above ground was used for the calculations. Based on the above data, FM Model returns a maximum power density of 46.8μW/cm² at a distance of 18 m from the base of the tower which is only 24.3% of the maximum uncontrolled power density of 200μW/cm². There are no other known high-powered emitters on the structure. Therefore it appears that this proposal meets the FCC requirements for Radiofrequency Electromagnetic Exposure levels.

The licensee agrees to reduce power or cease operations when it becomes necessary for workers to ascend the tower in order to ensure that they will not be exposed to levels of radiofrequency electromagnetic radiation that exceed FCC guidelines.

The data and information contained herein is accurate and complete to the best of my knowledge and belief.

Alan D. Kirschner
Technical Consultant
July 24, 2008

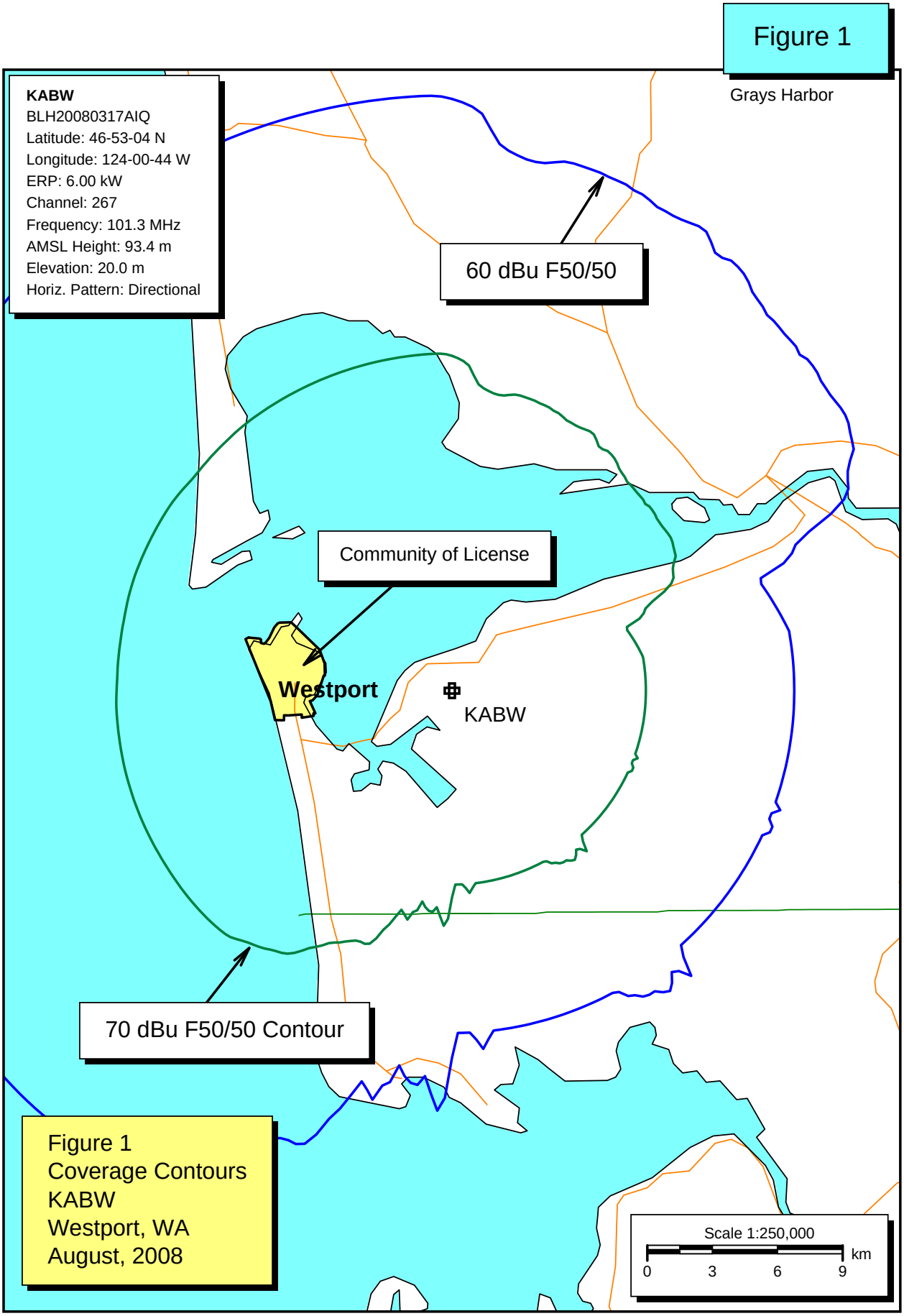
Figure 1
Grays Harbor
KABW
BLH20080317AIQ
Latitude: 46-53-04 N
Longitude: 124-00-44 W
ERP: 6.00 kW
Channel: 267
Frequency: 101.3 MHz
AMSL Height: 93.4 m
Elevation: 20.0 m
Horiz. Pattern: Directional
60 dBu F50/50
Community of License
Westport
KABW
70 dBu F50/50 Contour
Figure 1
Coverage Contours
KABW
Westport, WA
August, 2008
Scale 1:250,000
km
0
3
6
9

KABW, Westport, WA
Search from Antenna Site
June 9, 2008

73.207 search of channel 267A (101.3 MHz Class A)
46-53-04.0 N.
124-00-44.0 W. NAD27

Data Date: June 9, 2008

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
KPLZ-FM	SEATTLE	WA	268	C	161.89	165.00	62.3	-3.1
*** Of Concern- Requesting 73.215 Contour Protection processing toward KPLZ-FM ***								
NEW	OCEAN SHORES	WA	267	D	7.01	0.00	257.3	7.0
NEW	ABERDEEN	WA	214	A	22.41	10.00	56.1	12.4
KUFO-FM	PORTLAND	OR	266	C	181.33	165.00	146.6	16.3
K265DP	ABERDEEN	WA	265	D	22.19	0.00	75.6	22.2
K269EM	RAYMOND	WA	269	D	30.97	0.00	136.2	31.0

KABW, Westport, WA
Search from Antenna Site
June 9, 2008

73.215 search of channel 267A (101.3 MHz)

46-53-04.0 N.
124-00-44.0 W. NAD27

Data Date: June 9, 2008

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
NEW	OCEAN SHORES	WA	267	D	7.01	0.00	257.3	7.0
NEW	ABERDEEN	WA	214	A	22.41	10.00	56.1	12.4
KPLZ-FM	SEATTLE	WA	268	C	161.86	142.00	62.2	19.9
K265DP	ABERDEEN	WA	265	D	22.19	0.00	75.6	22.2
K269EM	RAYMOND	WA	269	D	30.97	0.00	136.2	31.0
KUFO-FM	PORTLAND	OR	266	C	181.33	142.00	146.6	39.3

KABW, Westport, WA
Reference Coordinates
June 9, 2008

73.207 Search of channel 267 A (101.3 MHz)

46-53-24.0 N.
124-06-06.0 W. NAD27

Data Date: June 9, 2008

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
NEW	OCEAN SHORES	WA	267	D	2.16	0.00	180.6	2.2
KPLZ-FM	SEATTLE	WA	268	C	167.65	165.00	63.5	2.7
NEW	ABERDEEN	WA	214	A	28.06	10.00	64.9	18.1
KUFO-FM	PORTLAND	OR	266	C	185.69	165.00	144.9	20.7
K265DP	ABERDEEN	WA	265	D	28.73	0.00	80.1	28.7
K269EM	RAYMOND	WA	269	D	36.42	0.00	129.1	36.4

Figure 5

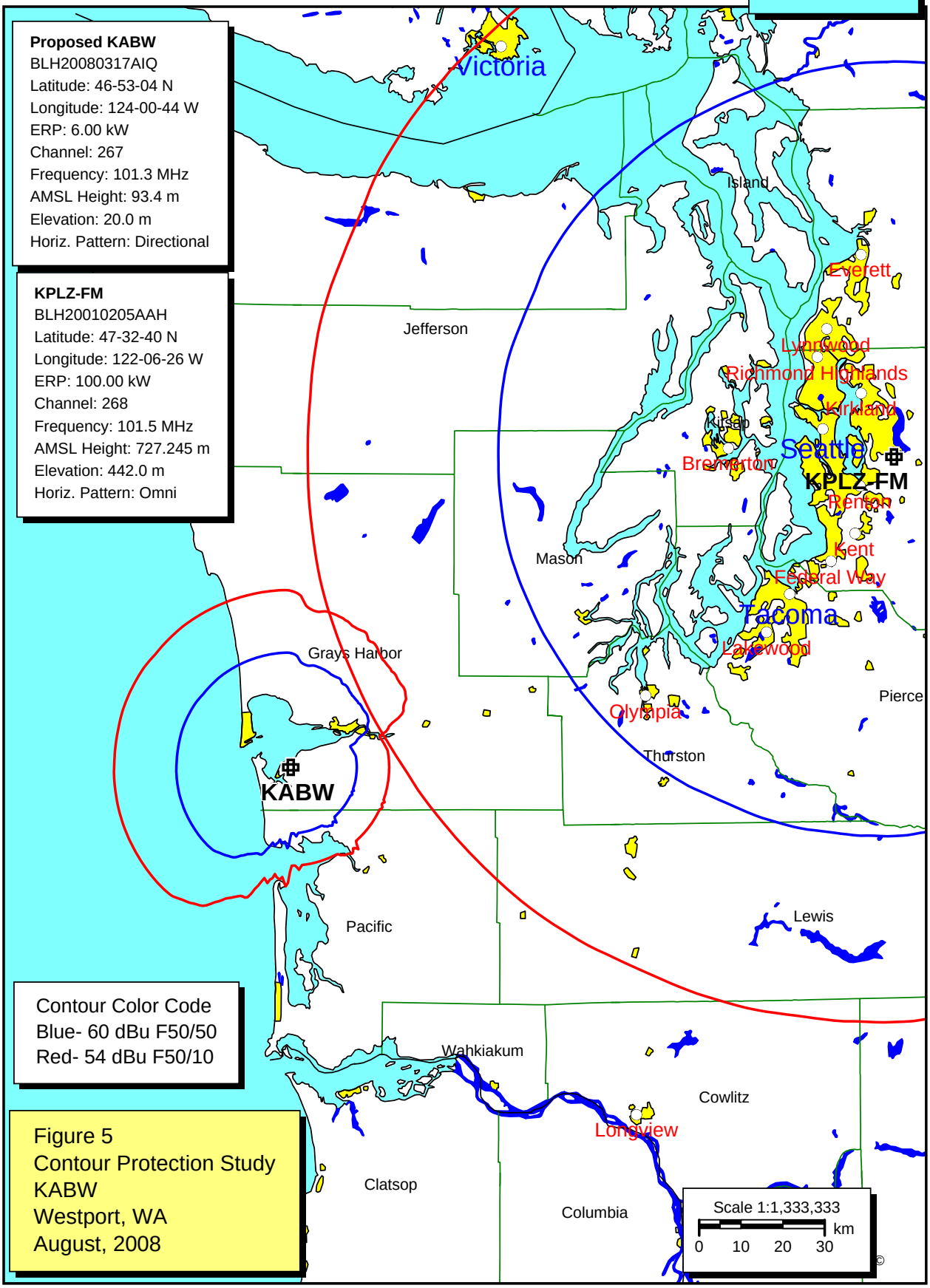

Figure 5
Contour Protection Study
KABW
Westport, WA
August, 2008

Figure 6

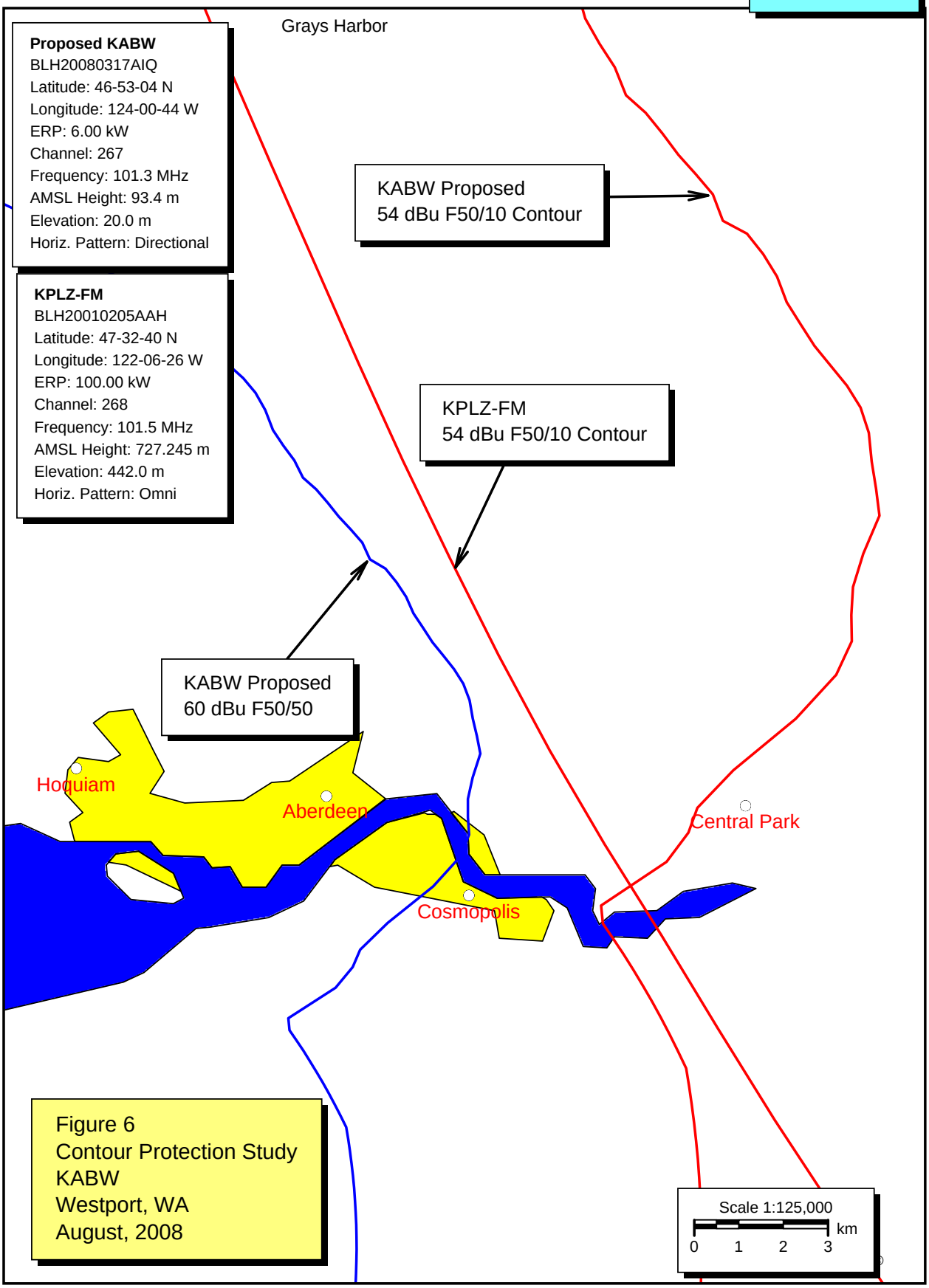

Figure 6
Contour Protection Study
KABW
Westport, WA
August, 2008