

SECTION 74.1204 OVERLAP STUDY

THE INSTANT TRANSLATOR APPLICATION EASILY COMPLIES WITH THE OVERLAP REQUIREMENTS STIPULATED IN SECTION 74.1204 TOWARDS ALL CO-CHANNEL STATIONS. THE FCC (50,10) 40 DBU INTERFERENCE CONTOUR DOES NOT APPROACH THE PROTECTED 60 DBU CONTOUR OF ANY CURRENTLY AUTHORIZED FACILITIES, ALLOTMENTS, CONSTRUCTION PERMITS, OR APPLICATIONS.

THIS APPLICATION ALSO COMPLIES WITH THE OVERLAP REQUIREMENTS STIPULATED IN SECTION 74.1204 TOWARDS ALL FIRST ADJACENT STATIONS. THE FCC (50,10) 54 DBU INTERFERENCE CONTOUR DOES NOT OVERLAP THE PROTECTED 60 DBU CONTOUR OF ANY CURRENTLY AUTHORIZED FACILITIES, ALLOTMENTS, CONSTRUCTION PERMITS OR APPLICATIONS. APPENDIX A DEMONSTRATES COMPLIANCE TOWARDS 1ST ADJACENT STATIONS.

THIS APPLICATION ALSO COMPLIES WITH THE OVERLAP REQUIREMENTS TOWARDS ALL SECOND AND THIRD ADJACENT STATIONS EXCEPT FOR KJQN 264C BRIGHAM CITY, UTAH. OTHER THAN THAT OF KJQN, THE FCC (50,10) 100 DBU INTERFERENCE CONTOUR DOES NOT OVERLAP THE PROTECTED 60 DBU CONTOUR OF ANY CURRENTLY AUTHORIZED FACILITIES, ALLOTMENTS, CONSTRUCTION PERMITS OR APPLICATIONS. APPENDIX B DEMONSTRATES COMPLIANCE TOWARDS ALL 2ND AND 3RD ADJACENT STATIONS EXCEPT KJQN. THEREFORE, THE APPLICANT RESPECTFULLY REQUESTS A WAIVER TOWARDS KJQN LATER IN THIS STUDY.

FINALLY, THE PROPOSED TRANSLATOR COMPLIES WITH THE I.F. SEPARATION REQUIREMENTS STIPULATED IN SECTIONS 74.1204 AND 73.207 TOWARDS ALL STATIONS 53 OR 54 CHANNELS REMOVED FROM ITS OWN CHANNEL. FOR PURPOSES OF THIS I.F. STUDY, TRANSLATORS WERE TREATED AS CLASS "A" FULL SERVICE STATIONS.

REQUEST FOR WAIVER TO 3RD ADJACENT STATION

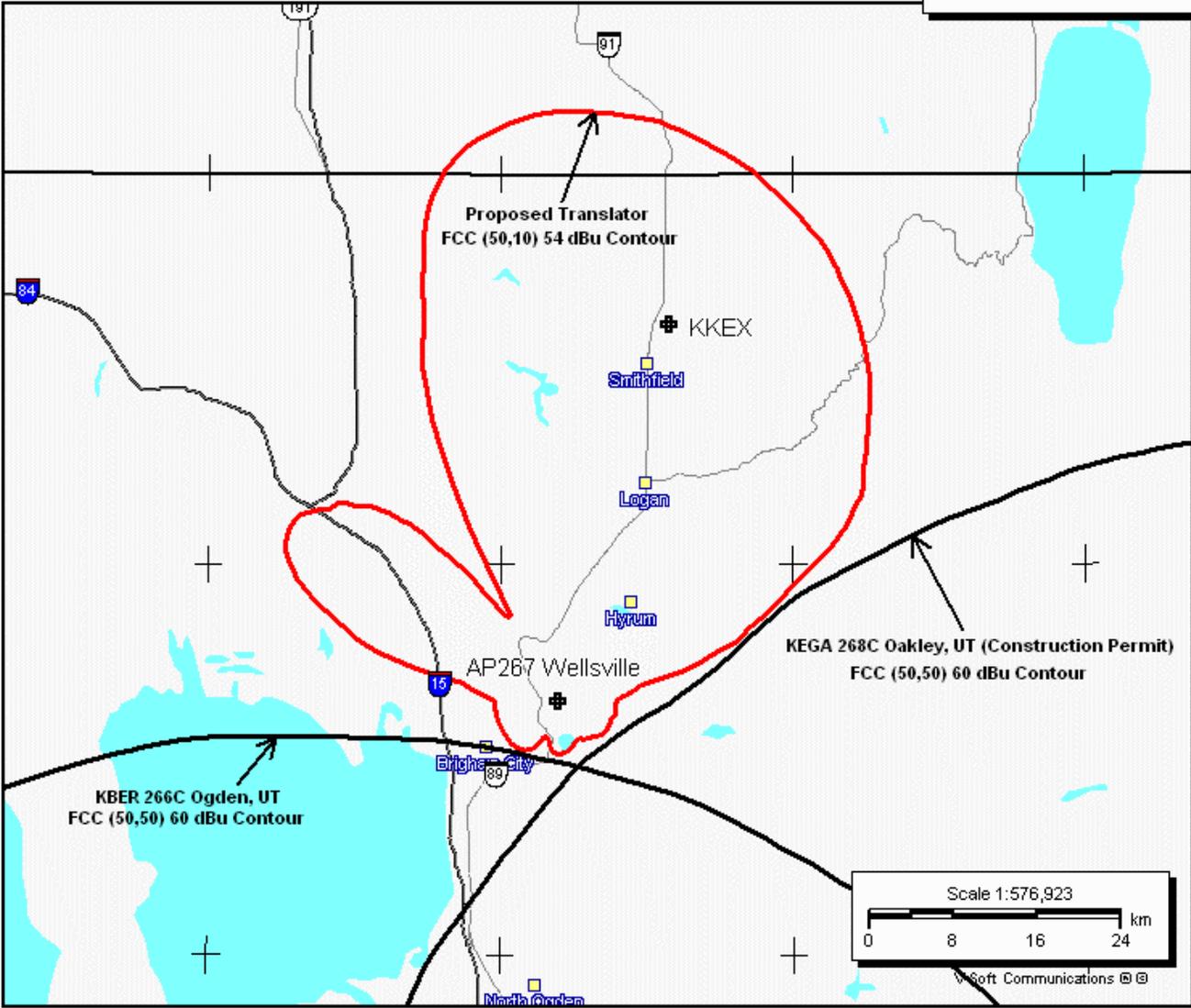
THE PROPOSED TRANSLATOR ON CHANNEL 267D WILL BE ON THE 3RD ADJACENT CHANNEL TO KJQN ON 264C. ALTHOUGH THE 100 DBU INTERFERING CONTOUR OF THE PROPOSED TRANSLATOR IS FULLY ENCOMPASSED BY THE PROTECTED 60 DBU CONTOUR OF KJQN, THE APPLICANT REQUESTS A WAIVER TO SECTION 74.1204(a)(3) BECAUSE OF THE FOLLOWING REASONS:

THERE IS NO POPULATION WITHIN THE PROPOSED TRANSLATOR'S 100 DBU INTERFERING CONTOUR. THE TRANSLATOR'S 100 DBU INTERFERING CONTOUR, AT ITS MOST DISTANT POINT FROM THE TRANSLATOR ANTENNA, IS ONLY 1.11 KILOMETERS. THE TRANSMITTER IS LOCATED ON A REMOTE MOUNTAIN TOP, FAR MORE THAN 1 KILOMETER FROM THE NEAREST HIGHWAY, DWELLING, OR BUSINESS. ALSO, THE ONLY ROAD WITHIN THE 100 DBU INTERFERING CONTOUR IS A ROAD THAT ACCESSES THE TRANSMITTER SITE. THEREFORE NO POPULATION RESIDES WITHIN OR TRAVELS THROUGH THE EXTREMELY SMALL PREDICTED 100 DBU CONTOUR. SEE APPENDIX C FOR A MAP OF THE 100 DBU CONTOUR AND APPENDIX D FOR A POPULATION REPORT OF PERSONS RESIDING WITHIN THE 100 DBU CONTOUR.

APPENDIX A

Translator Contour Study

AP267
BNPFT20030317KVVV
Latitude: 41-33-04 N
Longitude: 111-56-07 W
ERP: 0.25 kW
Channel: 267
Frequency: 101.3 MHz
AMSL Height: 2185.0 m
Elevation: 2176.0 m
Horiz. Pattern: Directional
Vert. Pattern: No
Prop Model: FCC

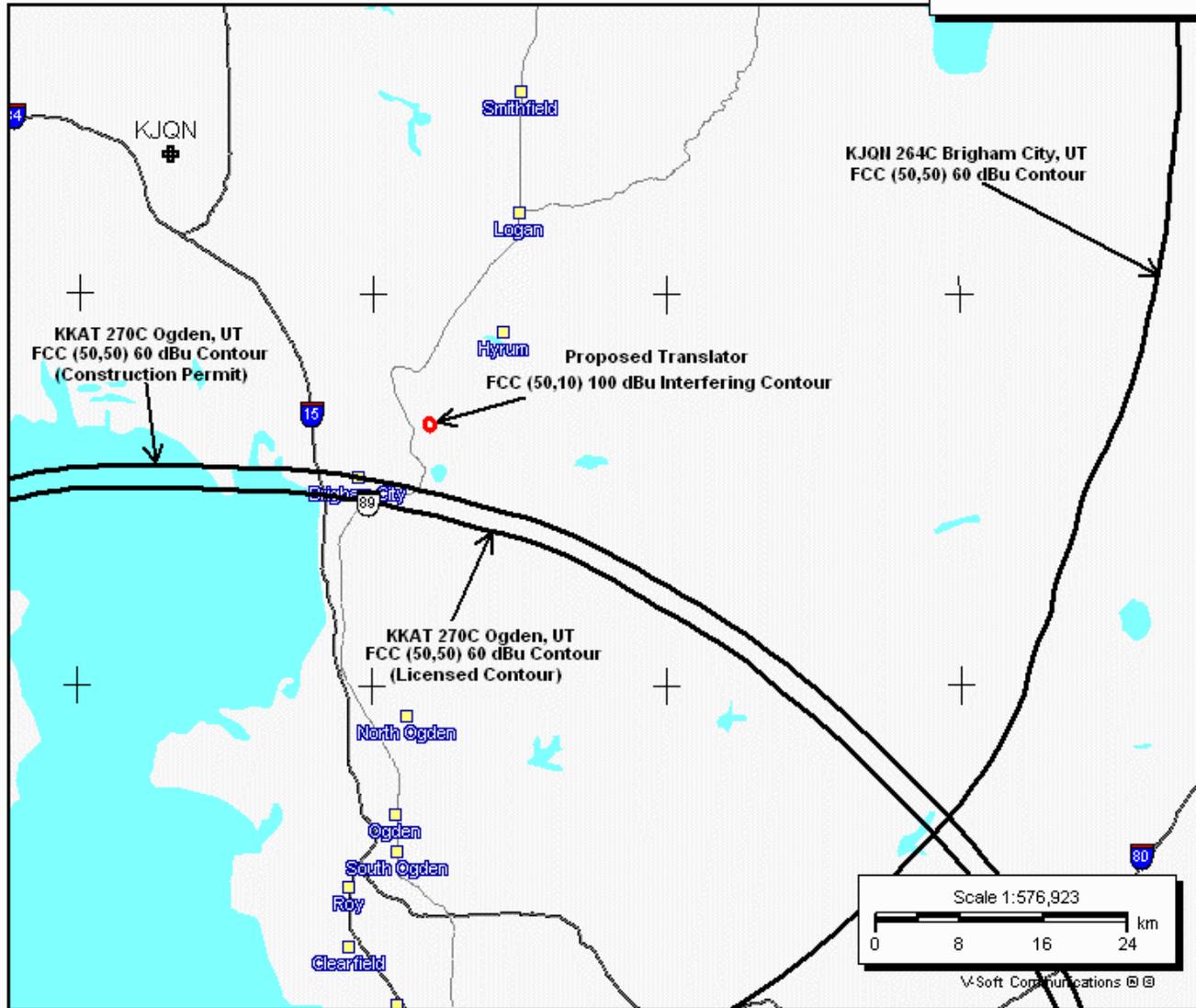


Scale 1:576,923
0 8 16 24 km
Soft Communications ©

APPENDIX B

Translator Contour Study

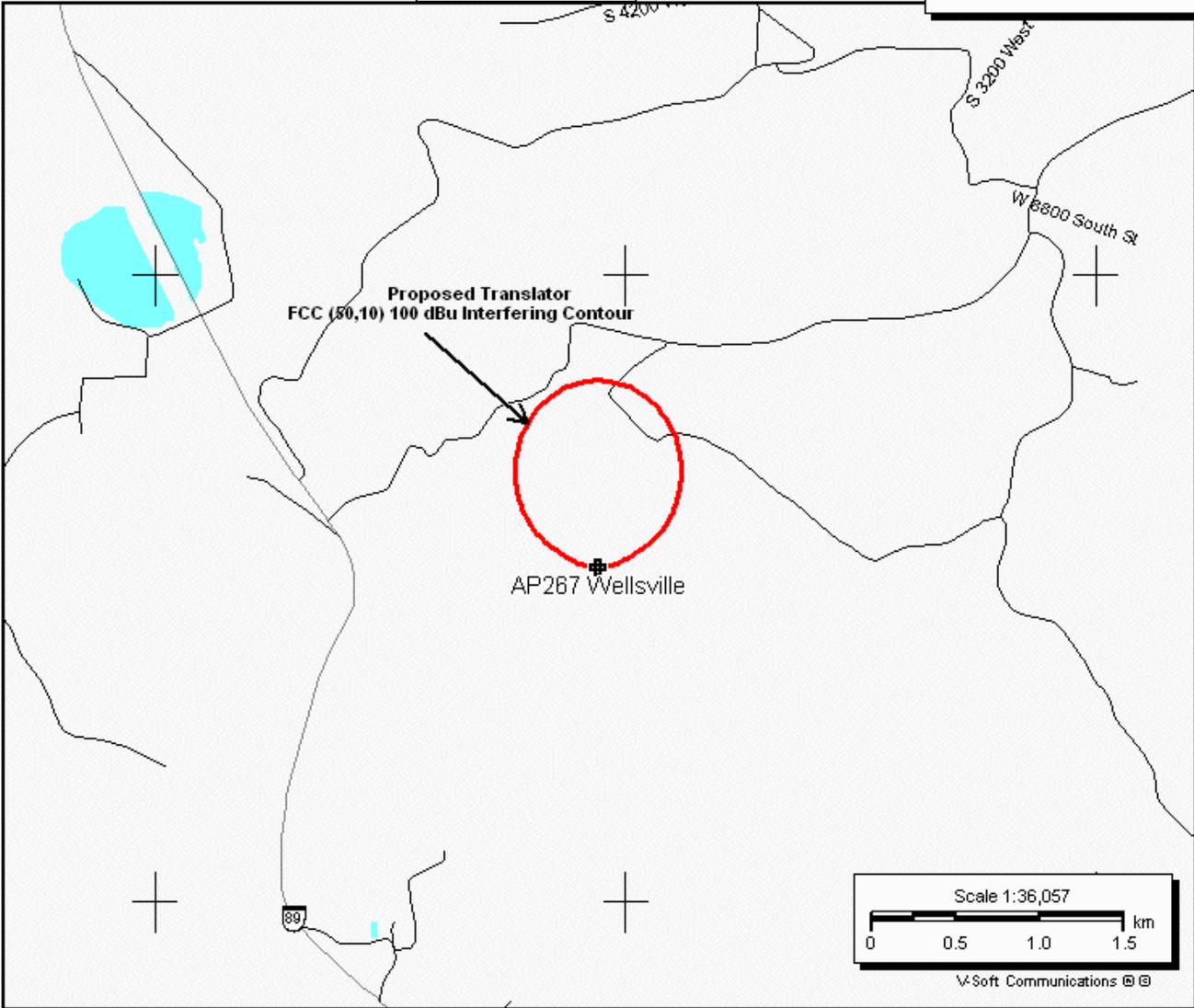
AP267
BNPFT20030317KVV
Latitude: 41-33-04 N
Longitude: 111-56-07 W
ERP: 0.25 kW
Channel: 267
Frequency: 101.3 MHz
AMSL Height: 2185.0 m
Elevation: 2176.0 m
Horiz. Pattern: Directional
Vert. Pattern: No
Prop Model: FCC



APPENDIX C

Translator Contour Study

AP267
BNPFT20030317KVV
Latitude: 41-33-04 N
Longitude: 111-56-07 W
ERP: 0.25 kW
Channel: 267
Frequency: 101.3 MHz
AMSL Height: 2185.0 m
Elevation: 2176.0 m
Horiz. Pattern: Directional
Vert. Pattern: No
Prop Model: FCC



Population Report
AP267 Wellsville, UT

APPENDIX D

Contour Parameters:

Type: FCC Contour

F(50-10) Cutoff: 100.00 dBu

Population Database: 2000 US Census (SF1)

Primary Terrain: V-Soft US 3 Arc-Second Database

Transmitter Information:

Call Letters: AP267 Wellsville

File Number: BNPFT20030317KVVW

Latitude: 41-33-04 N

Longitude: 111-56-07 W

ERP: 0.25 kW

Channel: 267

Frequency: 101.3 MHz

AMSL Height: 2185.0 m

Elevation: 2176.0 m

Horiz. Antenna Pattern: Directional

Vert. Elevation Pattern: No

Total Population Within Contour: 0

Total Housing Units Within Contour: 0

Total Area Within Contour: 0.84 sq. km