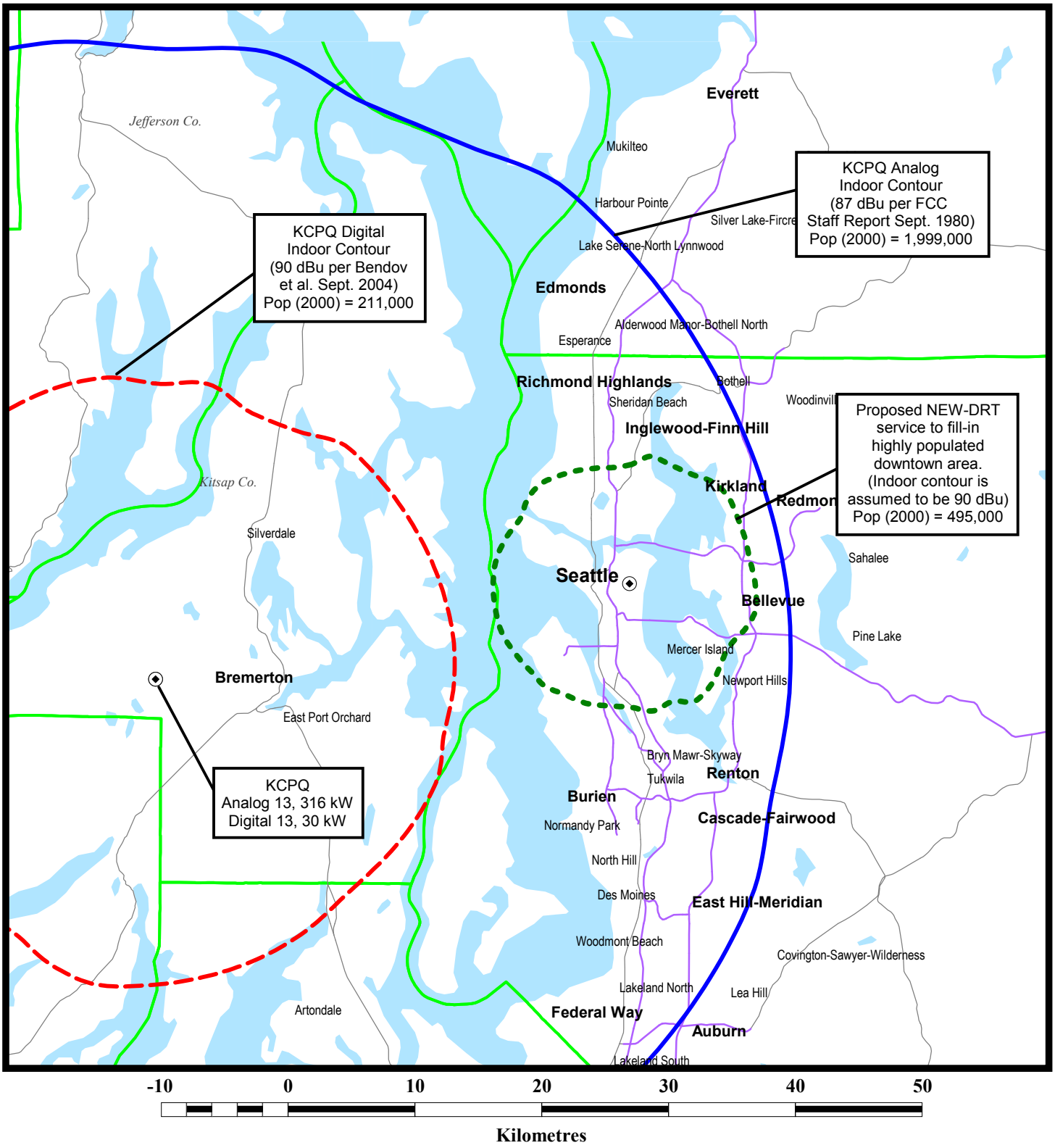
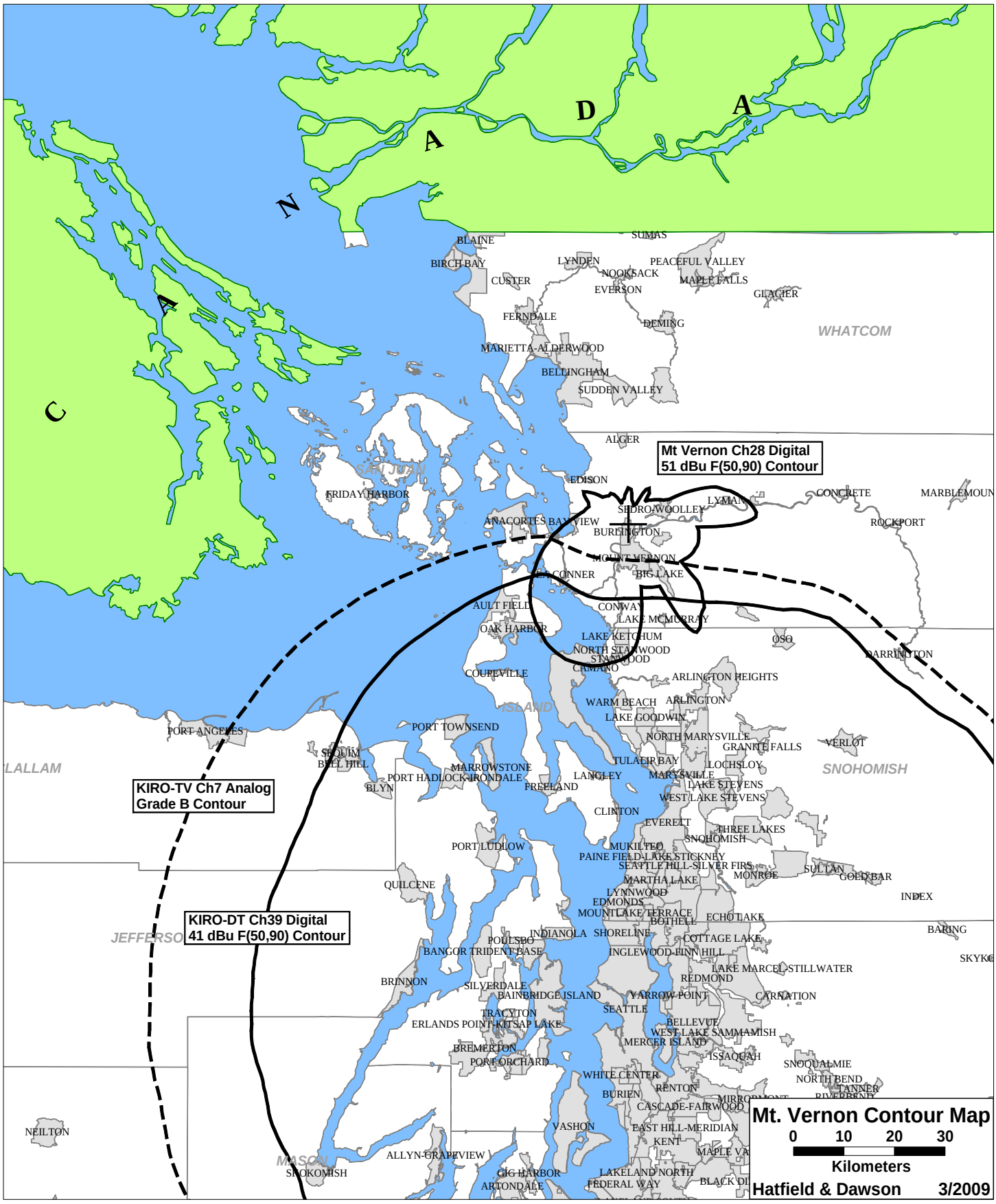


DEMONSTRATION OF SERVICE FILL-IN BY PROPOSED DIGITAL REPLACEMENT TRANSLATOR (DRT)

duTreil, Lundin & Rackley, Inc. Sarasota, Florida


Mt Vernon Ch28 Digital
51 dBu F(50,90) Contour
KIRO-TV Ch7 Analog
Grade B Contour
KIRO-DT Ch39 Digital
41 dBu F(50,90) Contour
Mt. Vernon Contour Map
0 10 20 30
Kilometers
Hatfield & Dawson 3/2009
WHATCOM
SAN JUAN
SNOHOMISH
JEFFERSON
MASON
BLAINE
BIRCH BAY
SUMAS
LYNDEN
PEACEFUL VALLEY
NOOKSACK
CUSTER
EVERSON
MAPLE FALLS
GLACIER
FERNDALE
DEMING
MARIETTA-ALDERWOOD
BELLINGHAM
SUDDEN VALLEY
ALGER
EDISON
FRIDAY HARBOR
SEDRO-WOOLLEY
LYMAN
CONCRETE
MARBLEMOUNT
ROCKPORT
ANACORTES
BAY VIEW
BURLINGTON
MOUNT VERNON
BIG LAKE
CONNER
AULT FIELD
CONWAY
LAKE MCMURRAY
OAK HARBOR
LAKE KETCHUM
NORTH STANWOOD
STANWOOD
CAMANO
OSO
DARRINGTON
COUPEVILLE
ARLINGTON HEIGHTS
WARM BEACH
ARLINGTON
LAKE GOODWIN
PORT ANGELES
PORT TOWNSEND
NORTH MARYSVILLE
GRANITE FALLS
VERLOT
SEQUIM
BELL HILL
MARROWSTONE
TULALIP BAY
LOCHSLOY
LALLAM
PORT HADLOCK-IRONDALE
LANGLEY
MARYSVILLE
BLYN
FREELAND
LAKE STEVENS
WEST LAKE STEVENS
CLINTON
EVERETT
THREE LAKES
SNOHOMISH
PORT LUDLOW
MUKILTEO
PAINE FIELD-LAKE STICKNEY
SEATTLE HILL-SILVER FIRS
MONROE
SULTAN
GOLD BAR
QUILCENE
MARTHA LAKE
LYNNWOOD
EDMONDS
INDEX
MOUNTLAKE TERRACE
BOTHELL
ECHO LAKE
BARING
INDIANOLA
SHORELINE
POULSBO
COTTAGE LAKE
BANGOR TRIDENT BASE
INGLEWOOD-FINN HILL
SKYKO
LAKE MARCEL-STILLWATER
REDMOND
BRINNON
SILVERDALE
BAINBRIDGE ISLAND
YARROW POINT
CARNATION
SEATTLE
TRACYTON
ERLANDS POINT-KITSAP LAKE
BELLEVUE
WEST LAKE SAMMAMISH
MERCER ISLAND
BREMERTON
ISSAQUAH
PORT ORCHARD
SNOQUALMIE
NORTH BEND
WHITE CENTER
RENTON
TANNER
BURIEN
CASCADE-FAIRWOOD
NEILTON
VASHON
EAST HILL-MERIDIAN
KENT
ALLYN-GRAPEVIEW
SKOKOMISH
GIG HARBOR
LAKELAND NORTH
ARTONDALE
FEDERAL WAY

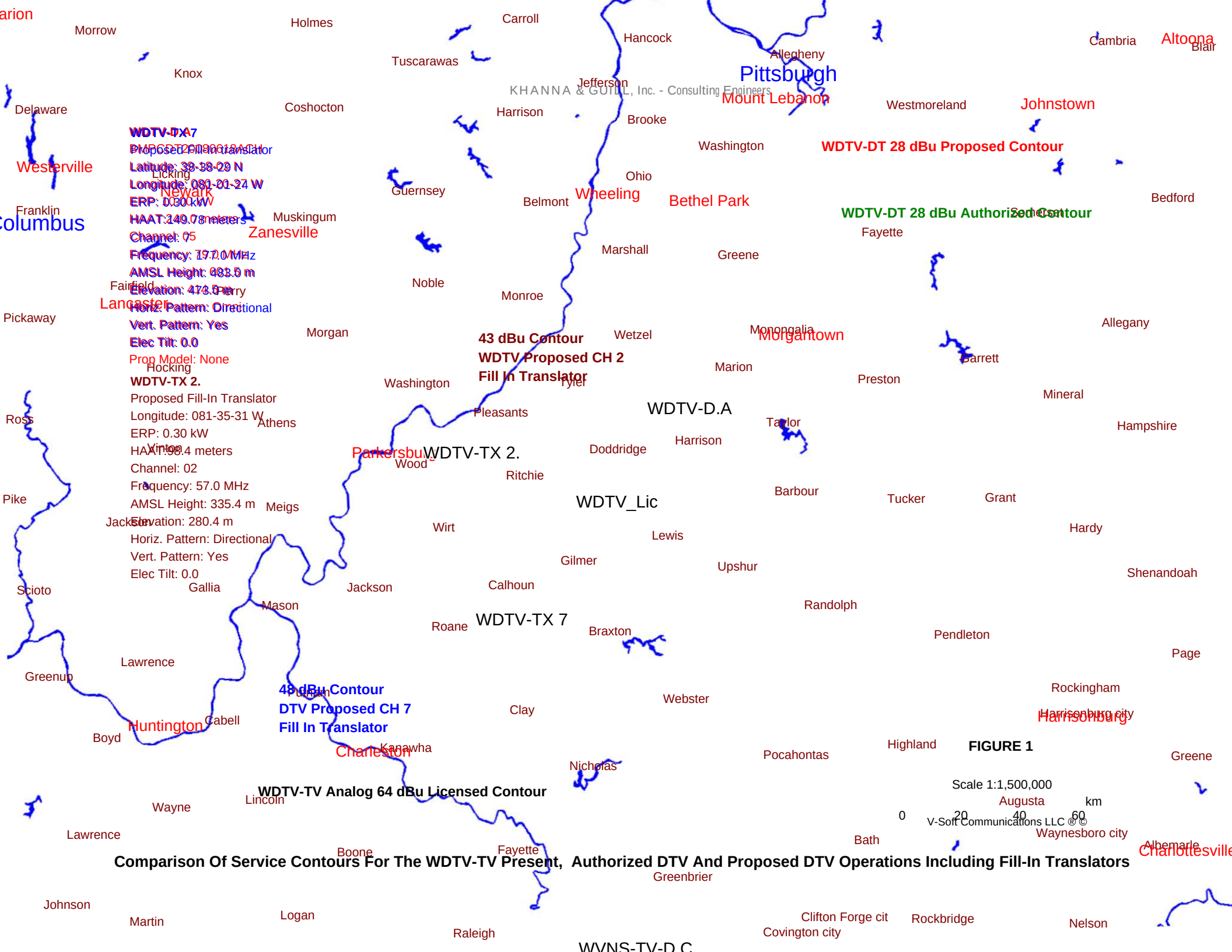
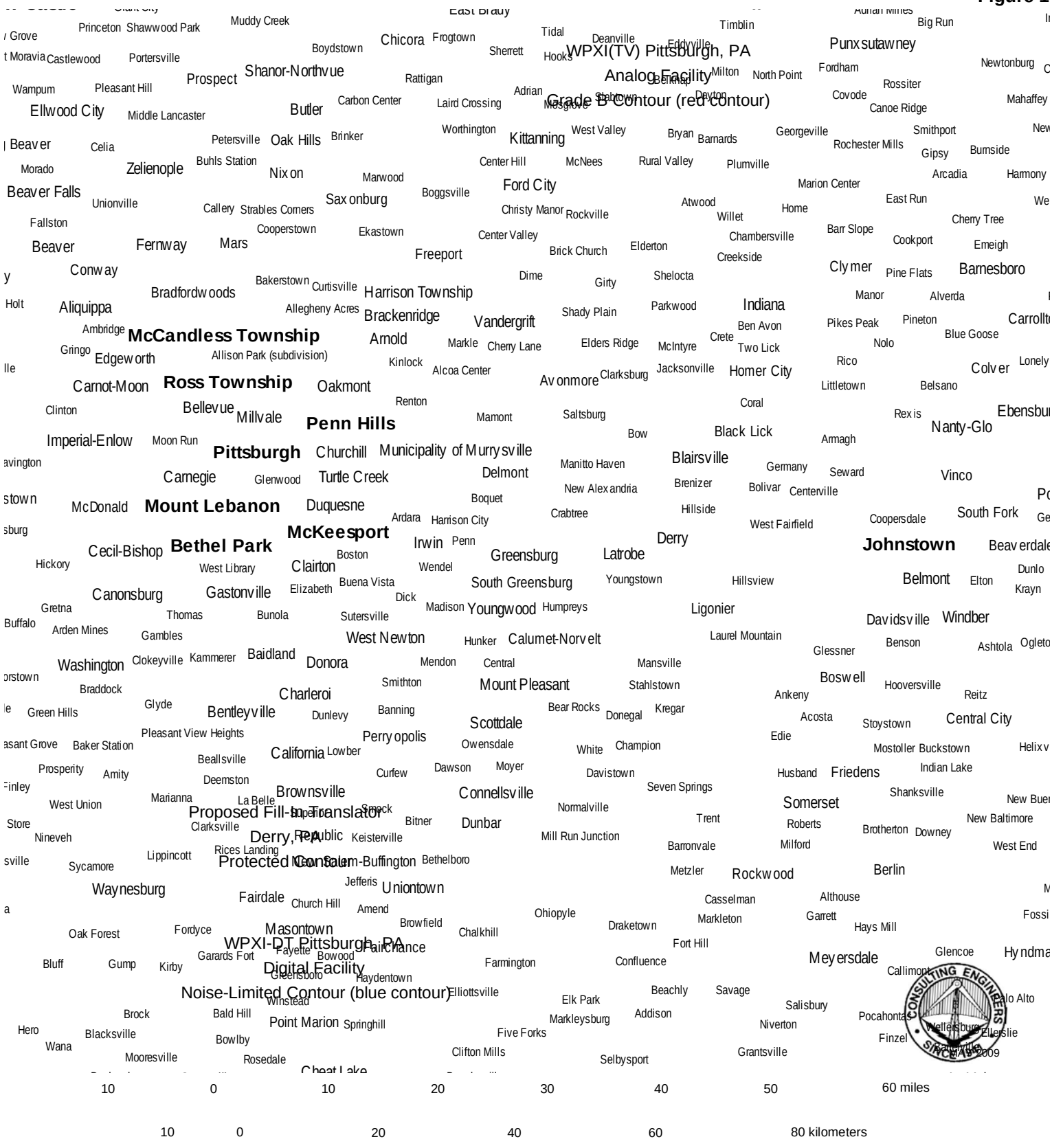


FIGURE 1

Comparison Of Service Contours For The WDTV-TV Present, Authorized DTV And Proposed DTV Operations Including Fill-In Translators

Figure 1



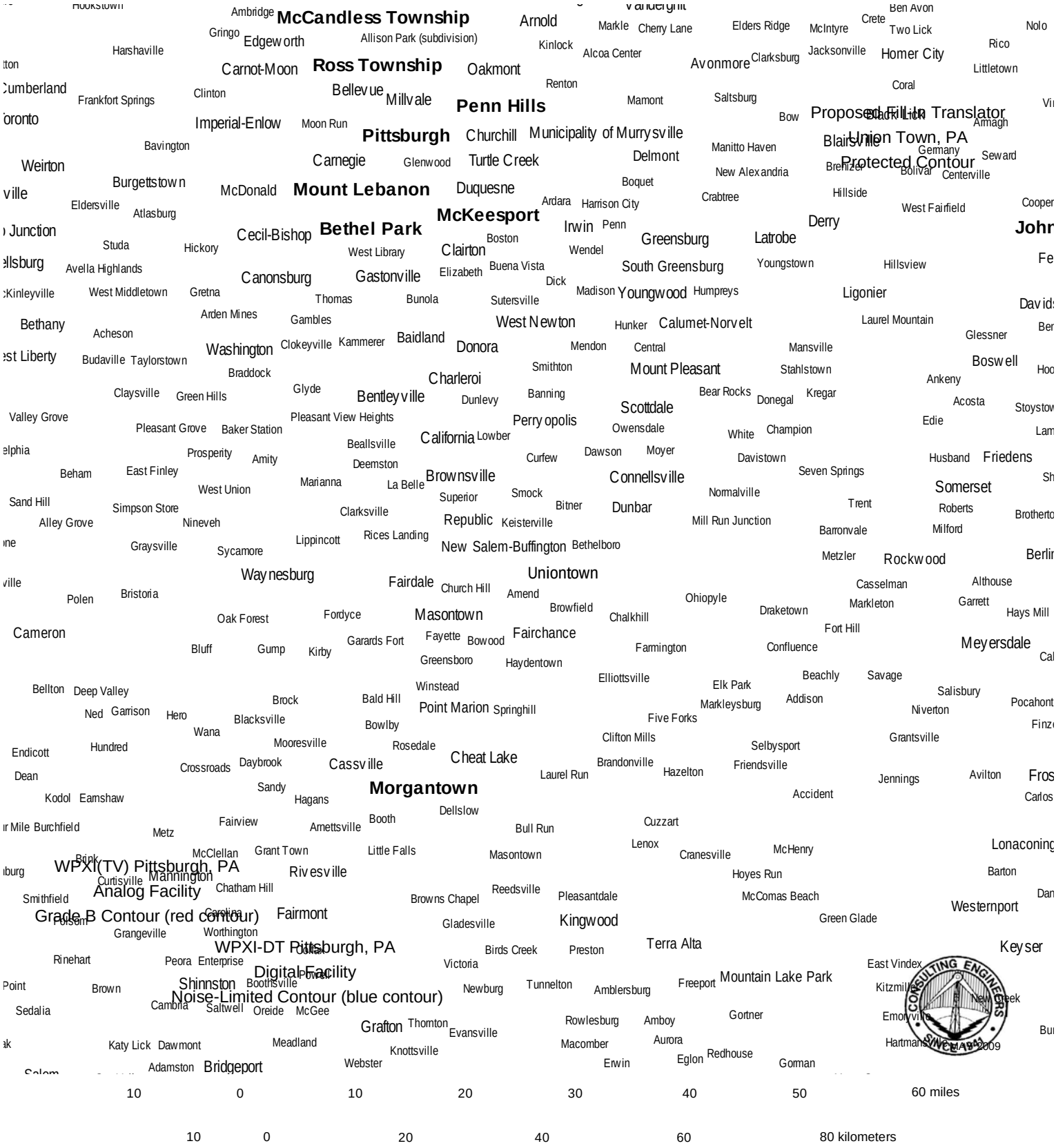
WPXI DERRY FILL-IN TRANSLATOR COVERAGE MAP

DIGITAL TELEVISION STATION WPXI

PITTSBURGH, PENNSYLVANIA

du Treil, Lundin & Rackley, Inc Sarasota, Florida

Figure 1



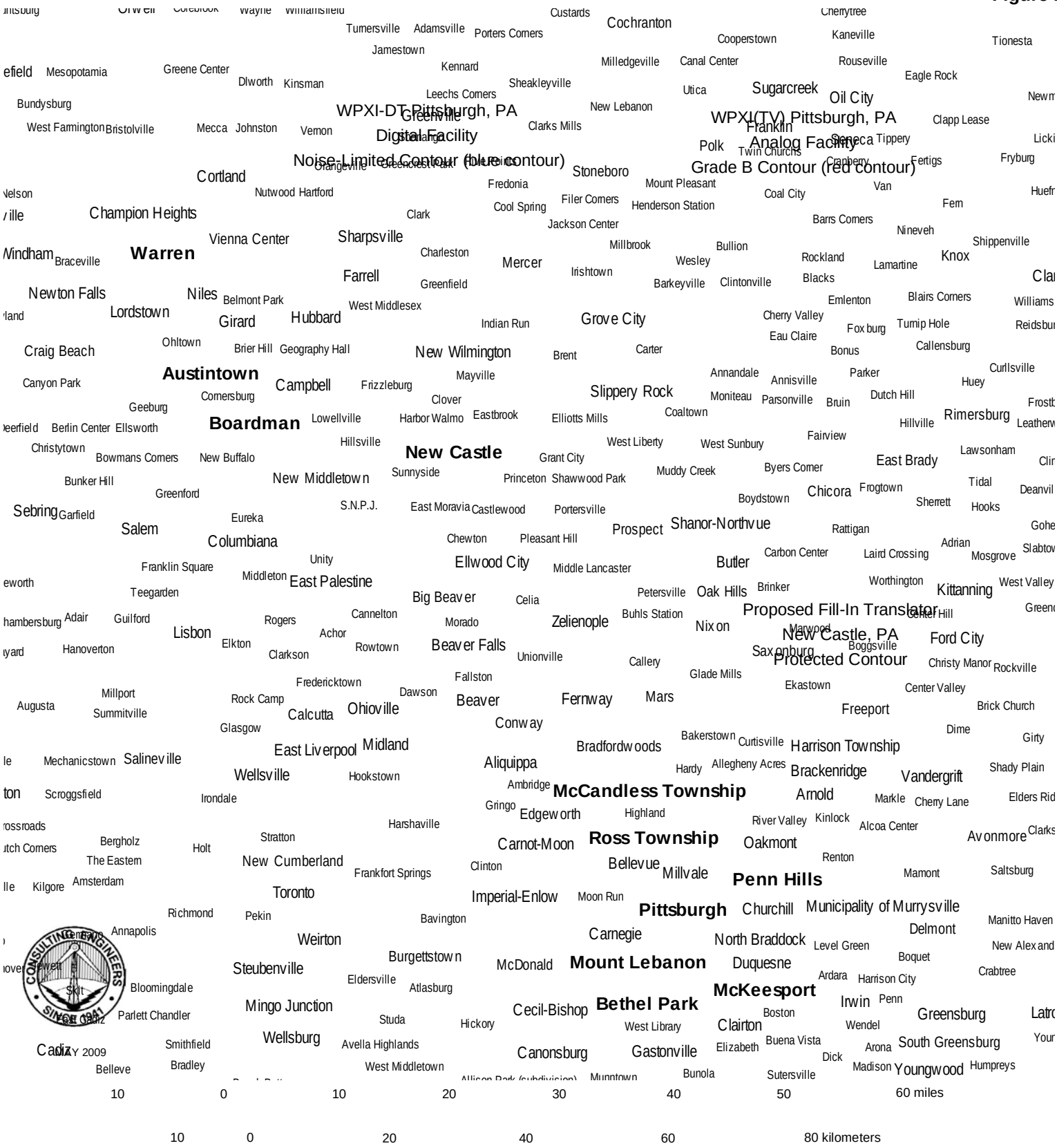
WPXI UNION TOWN FILL-IN TRANSLATOR COVERAGE MAP

DIGITAL TELEVISION STATION WPXI

PITTSBURGH, PENNSYLVANIA

du Treil, Lundin & Rackley, Inc Sarasota, Florida

Figure 1


WPXI-DT Pittsburgh, PA
Digital Facility
Noise-Limited Contour (blue contour)
WPXI(TV) Pittsburgh, PA
Analog Facility
Grade B Contour (red contour)
Proposed Fill-In Translator
New Castle, PA
Protected Contour
Warren
Austintown
Boardman
New Castle
McCandless Township
Ross Township
Penn Hills
Pittsburgh
Mount Lebanon
Bethel Park
McKeesport
Greensburg
Youngwood
South Greensburg
Cadiz
Steubenville
Weirton
Wellsburg
Mingo Junction
Toronto
Cortland
Champion Heights
Vienna Center
Sharpsville
Mercer
Farrell
Niles
Newton Falls
Lordstown
Girard
Hubbard
Grove City
New Wilmington
Slippery Rock
Rimersburg
East Brady
Chicora
Kittanning
Ford City
Butler
Zelienople
Beaver Falls
Beaver
Ohioville
Calcutta
Midland
East Liverpool
Salineville
Wellsville
Aliquippa
Bradfordwoods
Harrison Township
Brackenridge
Vandergrift
Arnold
Oakmont
Avonmore
Carnot-Moon
Bellevue
Millvale
Churchill
Municipality of Murrysville
Delmont
Carnegie
North Braddock
Duquesne
McDonald
Burgettstown
Clairton
Canonsburg
Gastonville
Cecil-Bishop
Irwin
Greenville
Franklin
Polk
Oil City
Sugarcreek
Cochranton
Meadville
Conneaut Lake
Titusville
Oil City
Kittanning
Indiana
Punxsutawney
Brookville
Clarion
Ligonier
Latrobe
Uniontown
Connellsville
Washington
Waynesburg
Greensburg
Ligonier
Kittanning
Butler
Beaver
Ellwood City
Zelienople
Mercer
Sharpsville
Warren
Franklin
Oil City
Meadville
Titusville
Conneaut Lake
Greenville
Sharon
Hermitage
Farrell
Sharpsville
Mercer
Grove City
Slippery Rock
Butler
Kittanning
Ligonier
Latrobe
Greensburg
Uniontown
Connellsville
Washington
Waynesburg
Brookville
Clarion
Punxsutawney
Indiana