

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of NEW LIFE & HEALTH NETWORK in support of its Modification of Construction Permit [BNPL-20131113AAP] to operate a Low Power FM station on Channel 294 (106.7 MHz) in Coudersport, Pennsylvania.

It is proposed to mount a standard two-bay circularly polarized antenna at the 10-meter level of an existing 92-meter tower. Exhibit B is a map upon which the proposed 60 dBu service contour for the proposed facility is plotted. It is important to note that the proposed location meets all of the Commission's spacing requirements to pertinent co-channel and adjacent-channel full-power, FM translator and LPFM stations. We have also determined that the proposed facility should not cause objectionable interference to the input signal of any existing translator station, based on the information contained in the FCC's CDBS database.

Employing the methods of OET Bulletin No. 65, and based on the elevation pattern of a standard 2-bay FM antenna, maximum power density two meters above ground of 0.00024 mW/cm^2 is calculated to occur 27 meters from the base of the tower. Since this is only 0.1 percent of the 0.2 mW/cm^2 reference for uncontrolled environments (areas with public access) surrounding a facility operating in the FM band, a grant of this proposal can be considered a minor environmental action with respect to human exposure to non-ionizing electromagnetic radiation. Further the station owner will take whatever precautionary steps are necessary to ensure that workers operating in the vicinity of the antenna are not exposed to RF energy in excess of the Commission's guideline values.

EXHIBIT A

Because no change in the overall height or location of the existing tower is proposed, the FAA has not been notified of this application. The FCC issued Antenna Structure Registration Number 1026692 to this tower.

I declare under penalty of perjury that the foregoing statements and the attached exhibit, which was prepared by me or under my immediate supervision, are true and correct to the best of my knowledge and belief.



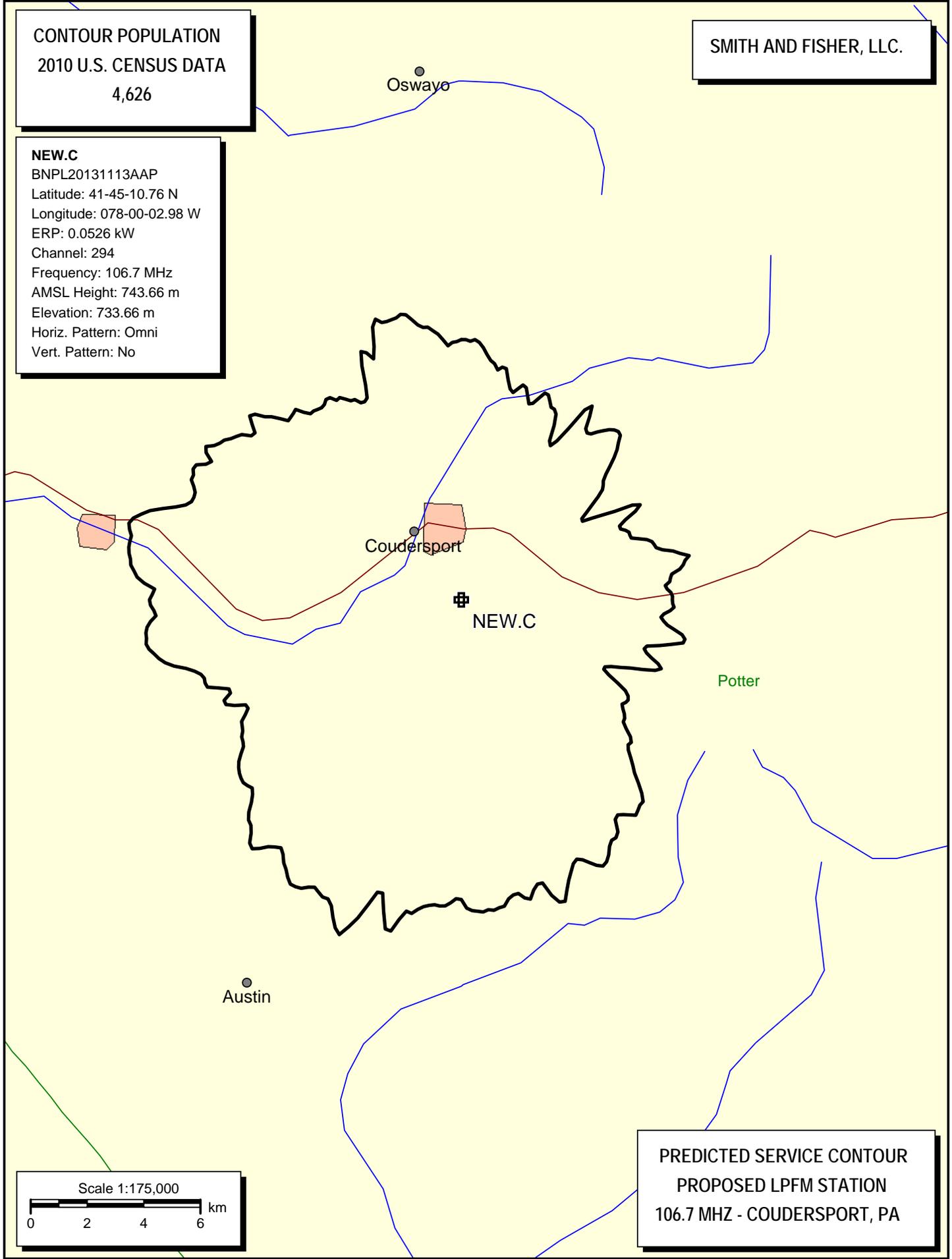
KYLE T. FISHER

September 26, 2014

CONTOUR POPULATION
2010 U.S. CENSUS DATA
4,626

SMITH AND FISHER, LLC.

NEW.C
BNPL20131113AAP
Latitude: 41-45-10.76 N
Longitude: 078-00-02.98 W
ERP: 0.0526 kW
Channel: 294
Frequency: 106.7 MHz
AMSL Height: 743.66 m
Elevation: 733.66 m
Horiz. Pattern: Omni
Vert. Pattern: No



Oswayo

Coudersport

NEW.C

Potter

Austin

PREDICTED SERVICE CONTOUR
PROPOSED LPFM STATION
106.7 MHZ - COUDERSPORT, PA

