Section 74.1204 - Statement of Compliance
W268CT-CP, Orlando, FL
FCC File No. BMPFT-20161229AEV
FM Translator Facility ID. 144428
March, 2017

The Applicant proposes a minor modification to the above-referenced, non-reserved band, FM translator authorization. Specifically, the applicant proposed herein to change antenna and slightly reduce power. No further changes are proposed herein.

Section 74.1204(a) Contour Overlap Protection Criteria

Attached is a map which demonstrates that proposed technical facility complies with the contour overlap provisions of Section 74.1204(a) of the FCC Rules with respect to all pertinent co-channel channel (See Exhibit 1) assignments, authorizations and applications. The instant proposal is well clear of all other relevant co-channel and first-adjacent channel protection considerations not represented herein.

Section 74.1204(d) Second/Third-Adjacent Channel Protection

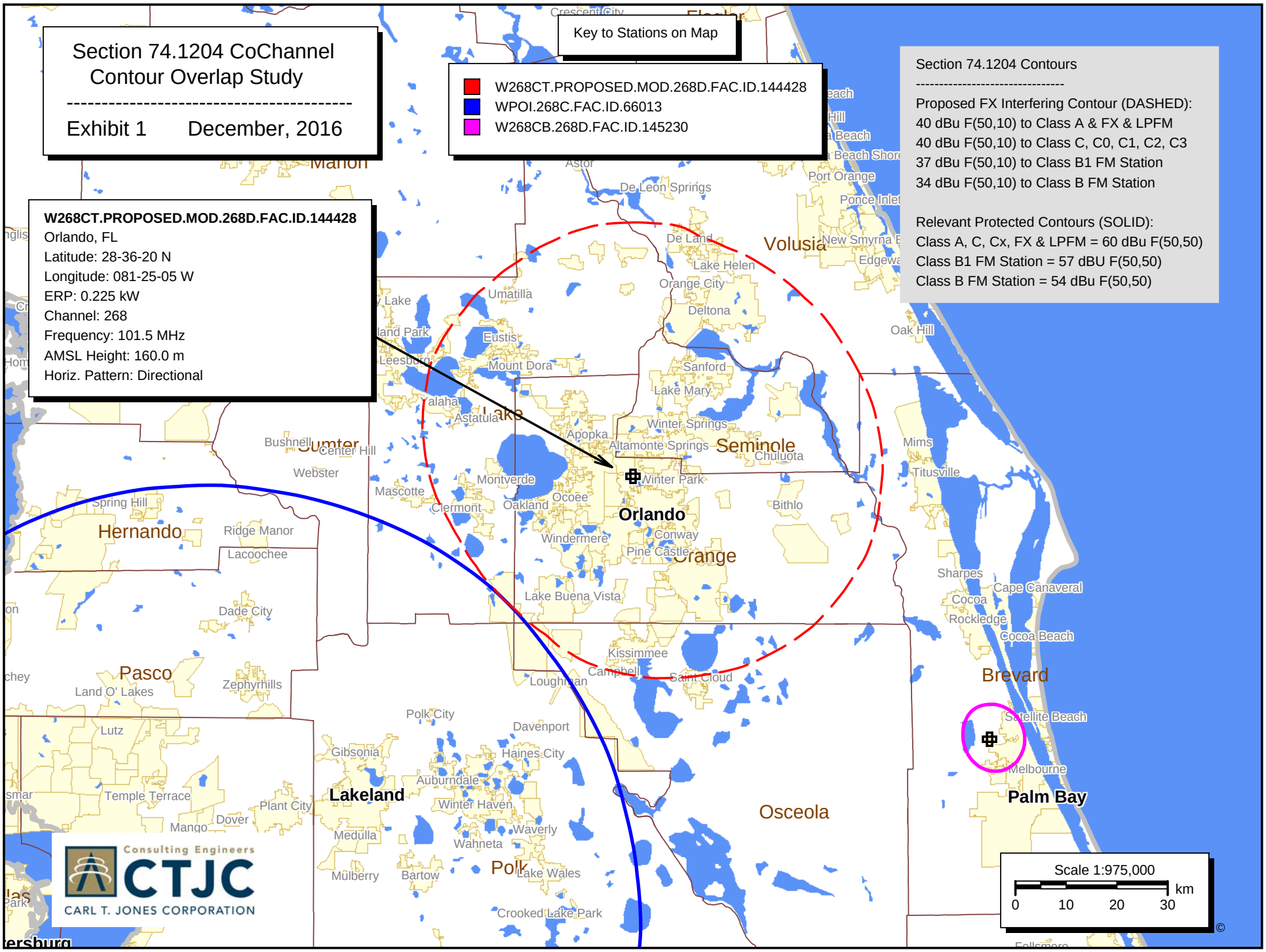
The required protection to second-adjacent channel stations WJRR(FM), Cocoa Beach, FL (Channel 266C) and WQMP(FM), Daytona Beach, FL (Channel 270C) is discussed below. The instant proposal is well clear of all other relevant second and third-adjacent channel protection considerations not represented herein.

The proposed transmitting antenna will be located within the protected contour of the second-adjacent channel, full service stations listed above which results in contour overlap as defined in Section 74.1204 of the FCC Rules. However, as demonstrated below, the instant proposal will cause no interference to any population served by either station.

At the translator's proposed transmitter site, WJRR(FM) is predicted to produce an F(50,50) signal strength of 83 dBu while WQMP(FM) is predicted to produce an F(50,50) signal strength of only 81 dBu. Therefore, WQMP(FM) provides for a worst-case interference analysis.

In the vicinity of the second-adjacent channel translator station, the translator's relevant interfering contour is the 121 dBu contour relative to WQMP(FM). According to free space calculations, the translator's worst-case predicted 121 dBu contour will extend, at most, 89.5 meters from the proposed antenna. Because the proposed transmit antenna will be located 131 meters above ground level, the predicted interference area will neither reach ground level nor reach any people. Therefore, the proposed minor change will cause no interference to any population served by either WJRR(FM) or WQMP(FM).

Accordingly, the proposed facility satisfies Section 74.1204(d) of the FCC Rules because it has been "demonstrated that no actual interference will occur due to lack of population or such other factors as may be applicable".


Section 74.1204 CoChannel
Contour Overlap Study
Exhibit 1 December, 2016
Key to Stations on Map
W268CT.PROPOSED.MOD.268D.FAC.ID.144428
WPOI.268C.FAC.ID.66013
W268CB.268D.FAC.ID.145230
Section 74.1204 Contours
Proposed FX Interfering Contour (DASHED):
40 dBu F(50,10) to Class A & FX & LPFM
40 dBu F(50,10) to Class C, C0, C1, C2, C3
37 dBu F(50,10) to Class B1 FM Station
34 dBu F(50,10) to Class B FM Station
Relevant Protected Contours (SOLID):
Class A, C, Cx, FX & LPFM = 60 dBu F(50,50)
Class B1 FM Station = 57 dBU F(50,50)
Class B FM Station = 54 dBu F(50,50)
W268CT.PROPOSED.MOD.268D.FAC.ID.144428
Orlando, FL
Latitude: 28-36-20 N
Longitude: 081-25-05 W
ERP: 0.225 kW
Channel: 268
Frequency: 101.5 MHz
AMSL Height: 160.0 m
Horiz. Pattern: Directional
Orlando
Volusia
Seminole
Orange
Osceola
Brevard
Lake
Sumter
Hernando
Pasco
Polk
Lakeland
Palm Bay
Consulting Engineers
CTJC
CARL T. JONES CORPORATION
Scale 1:975,000
0 10 20 30 km