

APPENDIX A

*Optional Checklist for Determination
Of Whether a Facility is Categorically Excluded*

**Optional Checklist for Local Government
To Determine Whether a Facility is Categorically Excluded**

Purpose: The FCC has determined that many wireless facilities are unlikely to cause human exposures in excess of RF exposure guidelines. Operators of those facilities are exempt from routinely having to determine their compliance. These facilities are termed "categorically excluded." Section 1.1307(b)(1) of the Commission's rules defines those categorically excluded facilities. This checklist will assist state and local government agencies in identifying those wireless facilities that are categorically excluded, and thus are highly unlikely to cause exposure in excess of the FCC's guidelines. Provision of the information identified on this checklist may also assist FCC staff in evaluating any inquiry regarding a facility's compliance with the RF exposure guidelines.

BACKGROUND INFORMATION

1. Facility Operator's Legal Name: Crown Castle USA Inc.
2. Facility Operator's Mailing Address: 1505 Westlake Ave N, Suite 800, Seattle, WA 98109
3. Facility Operator's Contact Name/Title: Zach Phillips, Site Acquisition Specialist
4. Facility Operator's Office Telephone: 503/708-9200
5. Facility Operator's Fax: _____
6. Facility Name: SEATTLE QWEST - SEA155
7. Facility Address: 8477 SE 68TH STREET
8. Facility City/Community: MERCER ISLAND
9. Facility State and Zip Code: WA 98040
10. Latitude: 47° 32' 30.4044" N
11. Longitude: 122° 13' 24.186" W

continue
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Optional Local Government Checklist (page 2)

EVALUATION OF CATEGORICAL EXCLUSION

12. Licensed Radio Service (see attached Table 1): Wireless Communications Services
13. Structure Type (free-standing or building/roof-mounted): Free-standing Monopole
14. Antenna Type [omnidirectional or directional (includes sectored)]: Directional
15. Height above ground of the lowest point of the antenna (in meters): 30.5m
16. Check if all of the following are true:
- (a) This facility will be operated in the Multipoint Distribution Service, Paging and Radiotelephone Service, Cellular Radiotelephone Service, Narrowband or Broadband Personal Communications Service, Private Land Mobile Radio Services Paging Operations, Private Land Mobile Radio Service Specialized Mobile Radio, Local Multipoint Distribution Service, or service regulated under Part 74, Subpart I (see question 12).
- (b) This facility will not be mounted on a building (see question 13).
- (c) The lowest point of the antenna will be at least 10 meters above the ground (see question 15).

If box 16 is checked, this facility is categorically excluded and is unlikely to cause exposure in excess of the FCC's guidelines. The remainder of the checklist need not be completed. If box 16 is not checked, continue to question 17.

17. Enter the power threshold for categorical exclusion for this service from the attached Table 1 in watts ERP or EIRP* (note: $EIRP = (1.64) \times ERP$): _____
18. Enter the total number of channels if this will be an omnidirectional antenna, or the maximum number of channels in any sector if this will be a sectored antenna: _____
19. Enter the ERP or EIRP per channel (using the same units as in question 17): _____
20. Multiply answer 18 by answer 19: _____
21. Is the answer to question 20 less than or equal to the value from question 17 (yes or no)? _____

If the answer to question 21 is YES, this facility is categorically excluded. It is unlikely to cause exposure in excess of the FCC's guidelines.

If the answer to question 21 is NO, this facility is not categorically excluded. Further investigation may be appropriate to verify whether the facility may cause exposure in excess of the FCC's guidelines.

*"ERP" means "effective radiated power" and "EIRP" means "effective isotropic radiated power"

TABLE 1: TRANSMITTERS, FACILITIES AND OPERATIONS SUBJECT TO ROUTINE ENVIRONMENTAL EVALUATION

| SERVICE (TITLE 47 CFR RULE PART) | EVALUATION REQUIRED IF: |
|---|--|
| Experimental Radio Services (part 5) | power > 100 W ERP (164 W EIRP) |
| Multipoint Distribution Service (subpart K of part 21) | <u>non-building-mounted antennas</u> : height above ground level to lowest point of antenna < 10 m <u>and</u> power > 1640 W EIRP <u>building-mounted antennas</u> : power > 1640 W EIRP |
| Paging and Radiotelephone Service (subpart E of part 22) | <u>non-building-mounted antennas</u> : height above ground level to lowest point of antenna < 10 m <u>and</u> power > 1000 W ERP (1640 W EIRP) <u>building-mounted antennas</u> : power > 1000 W ERP (1640 W EIRP) |
| Cellular Radiotelephone Service (subpart H of part 22) | <u>non-building-mounted antennas</u> : height above ground level to lowest point of antenna < 10 m <u>and</u> total power of all channels > 1000 W ERP (1640 W EIRP) <u>building-mounted antennas</u> : total power of all channels > 1000 W ERP (1640 W EIRP) |

TABLE 1 (cont.)

| SERVICE (TITLE 47 CFR RULE PART) | EVALUATION REQUIRED IF: |
|--|--|
| <p>Personal Communications Services (part 24)</p> | <p>(1) Narrowband PCS (subpart D): <u>non-building-mounted antennas</u>: height above ground level to lowest point of antenna < 10 m <u>and</u> total power of all channels > 1000 W ERP (1640 W EIRP) <u>building-mounted antennas</u>: total power of all channels > 1000 W ERP (1640 W EIRP)</p> <p>(2) Broadband PCS (subpart E): <u>non-building-mounted antennas</u>: height above ground level to lowest point of antenna < 10 m <u>and</u> total power of all channels > 2000 W ERP (3280 W EIRP) <u>building-mounted antennas</u>: total power of all channels > 2000 W ERP (3280 W EIRP)</p> |
| <p>Satellite Communications (part 25)</p> | <p>all included</p> |
| <p>General Wireless Communications Service (part 26)</p> | <p>total power of all channels > 1640 W EIRP</p> |
| <p>Wireless Communications Service (part 27)</p> | <p>total power of all channels > 1640 W EIRP</p> |
| <p>Radio Broadcast Services (part 73)</p> | <p>all included</p> |

TABLE 1 (cont.)

| SERVICE (TITLE 47 CFR RULE PART) | EVALUATION REQUIRED IF: |
|---|---|
| <p>Experimental, auxiliary, and special broadcast and other program distributional services (part 74)</p> | <p>subparts A, G, L: power > 100 W ERP</p> <p>subpart I: <u>non-building-mounted antennas</u>: height above ground level to lowest point of antenna < 10 m <u>and</u> power > 1640 W EIRP <u>building-mounted antennas</u>: power > 1640 W EIRP</p> |
| <p>Stations in the Maritime Services (part 80)</p> | <p>ship earth stations only</p> |
| <p>Private Land Mobile Radio Services Paging Operations (part 90)</p> | <p><u>non-building-mounted antennas</u>: height above ground level to lowest point of antenna < 10 m <u>and</u> power > 1000 W ERP (1640 W EIRP) <u>building-mounted antennas</u>: power > 1000 W ERP (1640 W EIRP)</p> |
| <p>Private Land Mobile Radio Services Specialized Mobile Radio (part 90)</p> | <p><u>non-building-mounted antennas</u>: height above ground level to lowest point of antenna < 10 m <u>and</u> total power of all channels > 1000 W ERP (1640 W EIRP) <u>building-mounted antennas</u>: total power of all channels > 1000 W ERP (1640 W EIRP)</p> |

TABLE 1 (cont.)

| SERVICE (TITLE 47 CFR RULE PART) | EVALUATION REQUIRED IF: |
|--|---|
| Amateur Radio Service (part 97) | transmitter output power > levels specified in § 97.13(c)(1) of this chapter |
| Local Multipoint Distribution Service (subpart L of part 101) | <p><u>non-building-mounted antennas</u>: height above ground level to lowest point of antenna < 10 m and power > 1640 W EIRP</p> <p><u>building-mounted antennas</u>: power > 1640 W EIRP</p> <p>LMDS licensees are required to attach a label to subscriber transceiver antennas that: (1) provides adequate notice regarding potential radiofrequency safety hazards, <i>e.g.</i>, information regarding the safe minimum separation distance required between users and transceiver antennas; and (2) references the applicable FCC-adopted limits for radiofrequency exposure specified in § 1.1310 of this chapter.</p> |