survive re-entry and reach the surface of the Earth, as well as an estimate of the resulting probability of human casualty.

- (v) If any material item described in this notification changes before launch, a replacement pre-space notification shall be filed with the International Bureau no later than 90 days before integration of the space station into the launch vehicle.
- (2) An in-space station notification is required no later than 7 days following initiation of space station transmissions. This notification must update the information contained in the pre-space notification.
- (3) A post-space station notification is required no later than 3 months after termination of the space station transmissions. When termination of transmissions is ordered by the FCC, the notification is required no later than 24 hours after termination of transmissions.

[54 FR 25857, June 20, 1989, as amended at 54 FR 39535, Sept. 27, 1989; 56 FR 56171, Nov. 1, 1991; 57 FR 32736, July 23, 1992; 60 FR 50124, Sept. 28, 1995; 63 FR 68980, Dec. 14, 1998; 69 FR 54588, Sept. 9, 2004; 71 FR 66462, Nov. 15, 2006]

§ 97.209 Earth station.

- (a) Any amateur station may be an Earth station. A holder of any class operator license may be the control operator of an Earth station, subject to the privileges of the class of operator license held by the control operator.
- (b) The following frequency bands and segments are authorized to Earth stations:
- (1) The 17 m, 15 m, 12 m, and 10 m bands, 6 mm, 4 mm, 2 mm and 1 mm bands; and
- $\begin{array}{c} (2)\ \ \text{The}\ \ 7.0\text{--}7.1\ \ \text{MHz},\ 14.00\text{--}14.25\ \ \text{MHz},\ 144\text{--}146\ \ \text{MHz},\ 435\text{--}438\ \ \text{MHz},\ 1260\text{--}1270\ \ \text{MHz}\\ \text{and}\ \ 2400\text{--}2450\ \ \text{MHz},\ \ 3.40\text{--}3.41\ \ \text{GHz},\ 5.65\text{--}\\ 5.67\ \ \text{GHz},\ 10.45\text{--}10.50\ \ \text{GHz}\ \ \text{and}\ \ 24.00\text{--}24.05\ \ \text{GHz}\ \ \text{segments}. \end{array}$

[54 FR 25857, June 20, 1989, as amended at 54 FR 39535, Sept. 27, 1989]

§ 97.211 Space telecommand station.

(a) Any amateur station designated by the licensee of a space station is eligible to transmit as a telecommand station for that space station, subject to the privileges of the class of operator license held by the control operator.

- (b) A telecommand station may transmit special codes intended to obscure the meaning of telecommand messages to the station in space operation.
- (c) The following frequency bands and segments are authorized to telecommand stations:
- (1) The 17 m, 15 m, 12 m and 10 m bands, 6 mm, 4 mm, 2 mm and 1 mm bands; and
- $\begin{array}{c} (2) \ \ \text{The} \ \ 7.0\text{--}7.1 \ \ \text{MHz}, \ 14.00\text{--}14.25 \ \ \text{MHz}, \\ 144\text{--}146 \ \ \text{MHz}, \ 435\text{--}438 \ \ \text{MHz}, \ 1260\text{--}1270 \ \ \text{MHz} \\ \text{and} \ \ 2400\text{--}2450 \ \ \text{MHz}, \ 3.40\text{--}3.41 \ \ \text{GHz}, \ 5.65\text{--}5.67 \ \ \text{GHz}, \ 10.45\text{--}10.50 \ \ \text{GHz} \ \ \text{and} \ \ 24.00\text{--}24.05 \\ \text{GHz} \ \ \text{segments}. \end{array}$
- (d) A telecommand station may transmit one-way communications.

[54 FR 25857, June 20, 1989, as amended at 54 FR 39535, Sept. 27, 1989; 56 FR 56171, Nov. 1, 1991]

§ 97.213 Telecommand of an amateur station.

An amateur station on or within 50 km of the Earth's surface may be under telecommand where:

- (a) There is a radio or wireline control link between the control point and the station sufficient for the control operator to perform his/her duties. If radio, the control link must use an auxiliary station. A control link using a fiber optic cable or another telecommunication service is considered wireline.
- (b) Provisions are incorporated to limit transmission by the station to a period of no more than 3 minutes in the event of malfunction in the control link.
- (c) The station is protected against making, willfully or negligently, unauthorized transmissions.
- (d) A photocopy of the station license and a label with the name, address, and telephone number of the station licensee and at least one designated control operator is posted in a conspicuous place at the station location.

[54 FR 25857, June 20, 1989, as amended at 56 FR 56171, Nov. 1, 1991]

§ 97.215 Telecommand of model craft.

An amateur station transmitting signals to control a model craft may be operated as follows: