



The International Amateur Radio Union

Since 1925, the Federation of National Amateur Radio Societies
Representing the Interests of Two-Way Amateur Radio Communication

Scott Palo WG2XDS

29 September 2014

Dear Scott

Thank you for your request for frequency coordination. I would like to point you to the ITU regulations at the end of this letter and question whether the project should not be licensed under the FCC rules as Experimental.

We have looked at the frequencies and have provisionally coordinated the following pending future communication from you.

Downlink/Downlink 437,350 MHz

Please advise us of the final launch date

Please note that all frequencies in the amateur satellite service are shared frequencies. We have attempted to make the best possible selection for your project.

You are also referred to the ITU requirements for satellites. We have prepared an easy reference document which is available on www.iau.org/satellite, it will assist you to comply with the ITU requirements for Amateur satellites.

Please also read the attached "controlling satellites" document. Please take note of the following:

RR 22.1 *Space stations shall be fitted with devices to ensure immediate cessation of their radio emissions by telecommand, whenever such cessation is required under the provisions of these Regulations.*

While coordinating the frequencies noted above, we also note that use of frequencies as described in your request for frequency coordination appears inconsistent with numbers 1.56 and 1.57 of the ITU radio regulations.

RR 1.56 *amateur service: A radiocommunication service for the purpose of self-training, intercommunication and technical investigations carried out by amateurs, that is, by duly authorized [licensed] persons [individual natural people] interested in radio technique solely with a personal aim [for themselves] and without pecuniary interest [compensation].*

(NOTE1: Explanatory terms in brackets are not part of the treaty text.),

(NOTE2: "without pecuniary interest" means that you may accept free will donations of goods and services, that is, with nothing required in return. However, you may not

accept money or other compensation for services or data provided to anyone for any reason.)

RR 1.57 amateur-satellite service: A radiocommunication *service* using *space stations* on earth *satellites* for the same purposes as those of the *amateur service*.

We strongly suggest consulting with your administration (telecommunication regulator) to determine if the amateur-satellite service or another radiocommunication service is appropriate for your operation. The decision of whether the proposed operation is appropriate for the amateur-satellite service rests entirely with your administration. We encourage you to share this letter with them.

Best wishes for a successful project. Please keep us informed of progress. We are particularly interested to learn more about the propagation monitor systems

73

Hans ZS6AKV

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Visit www.iaru.org/satellite for guidelines and useful information