



The International Amateur Radio Union

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

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Date: 23 September 2018

To Peter Jorgensen KD0LWL

Subject: **frequency coordination for ARCE-1A, ARCE-1B, ARCE-1C**

Dear Peter,

In response to your requests dated 31 August 2018 the IARU Satellite frequency coordination panel has coordinated the following frequencies for ARCE-1A, ARCE-1B and ARCE-1C

- for uplink and downlink 2417.000 MHz with a maximum bandwidth of 563 kHz, using various emission designators, EIRP 31 dBm;
- for crosslink 2449.2815 MHz with a maximum bandwidth of 563 kHz, using various emission designators, EIRP 31 dBm.

Planned launch date: September 2019.

Licensing administration: USA.

Height and orbit: apogee 500 km, perigee 500 km, inclination ≥ 45 deg, period 94.6 min.

Earth Command stations: KD0LWL.

IARU has coordinated frequencies in bands allocated to the amateur satellite service. All frequencies in the amateur satellite service are shared frequencies.

Please inform me about the final launch date and the API/A number as soon as that information becomes available.

Best wishes for a successful project.

Hans Blondeel Timmerman
IARU Satellite Advisor

