



# The International Amateur Radio Union

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

Hans P. Blondeel Timmerman, PB2T  
Satellite Advisor  
Nieuwe weg 21, 4031 MN Ingen, Netherlands  
Email: [satcoord@iaru.org](mailto:satcoord@iaru.org)

Date: 29 March 2017

To Douglas Maukonen K4DDM

Dear Doug,

In response to your request dated 28 March 2017 the IARU Satellite frequency coordination panel has revised the coordination letter for **Q-PACE**.

- for data downlink 2412.500 MHz with emission designator 1M25F1D, output power 2 Watt, antenna gain 6 dBi;
- for telemetry downlink 437.275 MHz with emission designator 9K60F1D, output power 2 Watt, antenna gain 2.11 dBi;
- for command uplink 437.275 MHz.

Planned launch date: December 2017.

Licensing administration: USA.

Height and Orbit: Apogee 500 km, Perigee 500 km, inclination 90 degrees.  
Earth Command station location: University of Arkansas, Fayetteville AR, USA.

IARU has coordinated frequencies in a 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.

A handwritten signature in black ink that reads 'HP Blondeel' followed by a stylized monogram.

Hans Blondeel Timmerman  
IARU Satellite Advisor

