



# 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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To Jose Elias Diaz Rodriguez EB1AO

Dear Jose Elias ,

In response to your coordination request IARU confirms the coordination of frequencies for **HADES-SA**.

For downlink 436.875 MHz with emission designator 3K60F1D, EIRP 30 dBm max;

For uplink 145.875 MHz with emission designators 3K60F1D.

Expected Launch date March 2026.

Licensing administration: Spain.

Planned height and orbit: 523 km apogee, 512 km perigee , inclination 97 deg, 95 min period.

Earth Command station: EA4URE

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 orbital parameters as soon as that information becomes available.

IARU encourages you to notify your satellite within one month after successful deployment.

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

