



# The International Amateur Radio Union

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

## IARU Amateur Satellite Frequency Coordination

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Astrobio Cubesat (ABCS)	Updated: 12 Nov 2020	Responsible Operator	Augusto Nascetti IU0NNW
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Supporting Organisation Scuola di  
Ingegneria  
Aerospaziale

Contact Person Augusto.nascetti@uniroma1.it.nospam

**Headline Details:** A 3U Cubesat hosting a mini laboratory payload based on lab-on chip technology. The objective of the project is to test an automatic laboratory based on lab-on-chip technology, able to provide a highly integrated in-situ multiparameter platform that uses immunoassay tests exploiting chemiluminescence detection. Proposing a FSK UHF downlink and planning a launch on Vega with LARES-2 mission into a 5840 km 70 degree orbit. More info from <https://web.uniroma1.it/scuolaingegneriiaerospaziale/> \*\* Coordination declined - this is a science mission that should find spectrum in frequency bands allocated to science services.\*\* \*\* After receiving further information about the mission from the group, coordination of a downlink on 435.600 MHz has been provided\*\*

Application Date:	23 Feb 2020	Freq coordination completed on	24 Nov 2020
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