



The International Amateur Radio Union

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

Lightsail-B

Alex Diaz

AERO Department, CubeSat Lab
California Polytechnic State University

Dear Alex

Thank you for your coordination request which I have discussed with the advisory panel
We have coordinated the following frequency:

Uplink/Downlink: 437,325 MHz
Output power: 1.5W
Planned orbit: 720km, inclination 24 degrees
Launch agency: Air Force Office of Scientific Research

You have not indicated a launch date, please advise us of final launch date
when this becomes available and also what other satellites using amateur
frequencies are on the same launch vehicle.

Please look at 2a, please advise the correct experimental station callsign, the one
submitted appears an amateur callsign.

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.iaru.org/satellite, it will assist you to
comply with the ITU requirements for Amateur satellites. Please advise us of the API
number once available.

Please also read the “controlling satellites” document available on
www.iaru.org/satellite

IARU has coordinated a frequency in a band allocated to the amateur satellite service,
based on the information that has been provided to it. Your licensing administration is
the only party who can properly authorise your project to use a band allocated to the
amateur satellite service. The IARU frequency coordination set out above is intended to
maintain minimum interference in the bands allocated to the amateur satellite service. It
should not be taken as any agreement or consent by IARU to allow services other than
the amateur satellite services to use this band, nor as any warranty that the frequencies
will be free from interference.

IARU Satellite Adviser: Hans van de Groenendaal ZS6AKV

P O Box 90438, Garsfontein 0042 South Africa

Email: hans@intekom.co.za

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

Best wishes for a successful project.
Please keep us informed of developments and progress.

73

Hans ZS6AKV

Hans van de Groenendaal

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