



The International Amateur Radio Union

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

Cape II

11 May 2013

Nick Pugh K5QXJ

Dear Nick

The panel has discussed your coordination request and have coordinated the following frequencies:

Digipeater RX/TX 145.825 MHz

Adaptive RX/TX 437.325 MHz

We have some concerns about the nature of the adaptive UHF radio and the short burst of higher speeds increasing the bandwidth to 150 kHz as it potentially could interfere with several satellites on adjacent channels. Very little information is provided on how you are planning to carry out the experiments and to what extent you are able to determine that at the time of the experiments no other satellites on adjacent frequencies are in the footprint of the ground station. We would appreciate some more detail.

Please confirm that Cape II is still manifested on the ElaNa 4 launch

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.iau.org/satellite, it will assist you to comply with the ITU requirements for Amateur satellites.

Please also read the attached "controlling satellites" document.

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

73

Hans ZS6AKV

Hans van de Groenendaal

wozane@gmail.com

IARU Satellite Adviser: Hans van de Groenendaal ZS6AKV

P O Box 90438, Garsfontein 0042 South Africa

Email: hans@intekom.co.za

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