



NATIONAL INFORMATION AND
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Papua New Guinea
Satellite Regulatory Practices

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1. Country Overview



1. Country Overview- cont

- Papua New Guinea is located on eastern half of the island of New Guinea - second largest in the world
- Total Area - 462,840km²
- Population – 7.5 million
- 820 indigenous languages, representing 12% of the world's total

2. About NICTA

- The Government agency responsible for the regulation and licensing of Information Communication Technology (ICT) in Papua New Guinea
- NICTA's prime goal is to manage an effective regulatory and licensing environment that supports an efficient ICT sector and enables the industry to meet the needs of the wider community for ICT services and products

2. About NICTA - cont

Main responsibilities include;

- **Managing numbering resource and access to radiofrequency spectrum including Orbital spectrum resources**
- **Overseeing the performance of ICT licensees and ensuring compliance with the laws and regulations**
- **Promoting consumer welfare and responsible use of ICT services**
- **Ensuring timely resolution of compliance issues**
- **Representing PNG's communications interests internationally**

3. PNG Interest in Satellites

- PNGs interest in satellites began back in the 1980s as the government contemplated launching its own satellite for domestic telecommunication needs
- Satellite communications appeared to be the logical choice for a country with vast rugged terrain, scattered islands and widely spread populace
- The project was shelved for being non-viable; largely due to relatively low population density and very little demand for such a huge investment
- Nonetheless PNG proceeded to seek filings with the ITU hence learning the process and started networking with the international satellite community

4. Satellite Orbital Filing

- Having the knowledge of filing, PNG ventured into filing for other satellite systems with a view to help satellite communications develop globally whilst seeking opportunities on capacity for its domestic needs
- Hence today NICTA is the nominated Agency that represents PNG to the ITU and files satellite systems on behalf of PNG
- Normally a Filing Agreement is established between NICTA and one other satellite operator/manufacturer, and sometimes between NICTA and more than one other operator, before filing with the ITU

4. Satellite Orbital Filing - cont

- NICTA is competitive in the filing services it provides to satellite operators and adheres to the principles of effective and efficient use of space orbital resources
- NICTA provides equal opportunity for all operators, big and small
- Over the years several NICTA filings have been brought into use and there are several pending

5. PNG National Satellite Project

- PNG continues its ambition to own a National Satellite
- A Project Committee has been set up by current government to update a satellite feasibility study with the view to secure government funding
- At a time when PNG government approves the project then Request for Proposals (RFPs) will be sought

6. C-Band

- Satellite Communication is important to PNG because of the countries rugged terrain, scattered islands and tropical weather; this is the same for many other countries in similar situation
- Satellite C-band is the only means of communication in some parts of the country where there is continuous rain fall
- Under WRC15 Agenda Item 1.1, PNG is actively supporting the protection of C-band for its own interest and for countries that cannot be represented at meetings e.g. some Pacific Islands
- Countries in similar situation are encouraged to support protection of the C-band at WRC 2015

Thank you!

Q & A