

# Papua New Guinea Radiofrequency Spectrum Allocation Chart



The chart illustrates how the radio-frequency spectrum is allocated among services in Papua New Guinea. It is derived from the Papua New Guinea Spectrum Band Plans and National Frequency Allocations Table (2007), which in turn is based on the International Telecommunication Union (ITU) Radio Regulations (WRC-2003).

Each of these bands is divided into sub-bands which are allocated to particular services --- shown in the chart by different colors. The chart is designed for quick reference. For details of frequency allocations, reference should be made to any latest amended Papua New Guinea Radiofrequency Band Plans and PNG Frequency Allocations Table on PNG footnotes. ( \* Note: The parallel shade from legend box indicates secondary services otherwise all are primary).

ITU terminologies for these bands is as follows:

- |     |                     |     |                          |
|-----|---------------------|-----|--------------------------|
| VLF | Very Low Frequency  | UHF | Ultra-High Frequency     |
| LF  | Low Frequency       | SHF | Super-High Frequency     |
| MF  | Medium Frequency    | EHF | Extremely-High Frequency |
| HF  | High Frequency      |     |                          |
| VHF | Very High Frequency |     |                          |

### Legend:

- Not Allocated
- Radionavigation
- Maritime Mobile
- FIXED
- Standard Freq. and Time Signal
- Secondary Service
- Aeronautical Radionavigation
- Maritime Radionavigation
- Mobile
- Land Mobile
- Except Aeronautical Mobile
- Broadcasting
- Radiolocation
- Amateur
- Aeronautical Mobile
- Space Research
- Radio Astronomy
- Meteorological Aids
- Space Operation
- Meteorological Satellite
- Mobile - Satellite
- Satellite (Earth to Space)
- Satellite (Space to Earth)
- Satellite (Space to Space)
- Earth Exploration-Satellite
- Radiodetermination-Satellite
- Inter-Satellite

