

**Secretariat**Distr.: General
29 October 2018

Original: English

**Committee on the Peaceful
Uses of Outer Space****Information furnished in conformity with the Convention
on Registration of Objects Launched into Outer Space****Notes verbales dated 15 October 2018 from the Permanent Mission
of Australia to the United Nations (Vienna) addressed to the
Secretary-General**

The Permanent Mission of Australia to the United Nations (Vienna), in accordance with article IV of the Convention on Registration of Objects Launched into Outer Space (General Assembly resolution 3235 (XXIX), annex), has the honour to transmit information concerning the space objects Sky Muster, Sky Muster II and Buccaneer RMM, launched by Australia on 30 September 2015, 5 October 2016 and 18 November 2017, respectively (see annex).



Annex

Registration data on space objects launched by Australia*

Sky Muster

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Committee on Space Research international designator	2015-054A
Name of the space object	Sky Muster
National designator/registration number	NBNCo-1A
State of registry	Australia
Other launching States	France. The launch services were provided by Arianespace from French Guiana (Guiana Space Centre)
Date and territory or location of the launch	30 September 2015 at 2030 hours UTC; Guiana Space Centre, Kourou, French Guiana
Basic orbital parameters	
Nodal period	Since the satellite is in geostationary orbit, the concept of a “nodal period” is not applicable. However, the orbital period is approximately 86,164 seconds.
Inclination	0.00 ± 0.05 degrees
Apogee	35,780 kilometres
Perigee	35,780 kilometres
General function of the space object	Broadband telecommunications within Australia and nearby islands under Australian jurisdiction

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Geostationary position	140.00 ± 0.05 degrees East
Space object owner or operator	NBN Co Limited (Australian Business Number (ABN) 86 136 533 741)
Website	www.nbnco.com.au/learn-about-the-nbn/network-technology/sky-muster-explained/satellite.html
Launch vehicle	Ariane 5 ECA

* The information was submitted using the form prepared pursuant to General Assembly resolution 62/101 and has been reformatted by the Secretariat.

Sky Muster II

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Committee on Space Research international designator	2016-060B
Name of the space object	Sky Muster II
National designator/registration number	NBNCo-1B
State of registry	Australia
Other launching States	France. The launch services were provided by Arianespace from French Guiana (Guiana Space Centre)
Date and territory or location of the launch	5 October 2016 at 2030 hours UTC; Guiana Space Centre, Kourou, French Guiana
Basic orbital parameters	
Nodal period	Since the satellite is in geostationary orbit, the concept of a “nodal period” is not applicable. However, the orbital period is approximately 86,164 seconds.
Inclination	0.00 ± 0.05 degrees
Apogee	35,780 kilometres
Perigee	35,780 kilometres
General function of the space object	Broadband telecommunications within Australia and nearby islands under Australian jurisdiction

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Geostationary position	145.00 ± 0.05 degrees East
Space object owner or operator	NBN Co Limited (ABN 86 136 533 741)
Website	www.nbnco.com.au/learn-about-the-nbn/network-technology/sky-muster-explained/satellite.html
Launch vehicle	Ariane 5 ECA

Buccaneer RMM

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Committee on Space Research international designator	2017-073B
Name of the space object	Buccaneer RMM
State of registry	Australia

Other launching States	United States of America. The launch services were provided by United Launch Alliance from Vandenberg Air Force Base
Date and territory or location of the launch	18 November 2017 at 0947 hours UTC; Vandenberg Air Force Base, California, United States
Basic orbital parameters	
Nodal period	97.5 minutes
Inclination	97.7 degrees
Apogee	819 kilometres
Perigee	460 kilometres
General function of the space object	Engaged in the deployment and stabilization of a large flexible antenna and the operation of various electronic subsystems in space
Additional voluntary information for use in the Register of Objects Launched into Outer Space	
Space object owner or operator	University of New South Wales (ABN 57 195 873 179)
Launch vehicle	Delta II
