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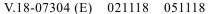
Committee on the Peaceful Uses of Outer Space

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 NBNCo-1A

number

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

2/4 V.18-07304

^{*} 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

State of registry

NBNCo-1B

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

Since the satellite is in geostationary orbit, the Nodal period

> 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

2017-073B

international designator

Name of the space object Buccaneer RMM

Australia State of registry

V 18-07304 3/4 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

4/4 V.18-07304