United Nations A/AC.105/INF.421



General Assembly

Distr.: General 5 March 2010

Original: English

Committee on the Peaceful Uses of Outer Space

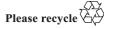
Information furnished in conformity with General Assembly resolution 1721 B (XVI) by States launching objects into orbit or beyond

Note verbale dated 8 February 2010 from the Permanent Mission of Malaysia to the United Nations (Vienna) addressed to the Secretary-General

The Permanent Mission of Malaysia to the United Nations (Vienna) presents its compliments to the Secretary-General of the United Nations and has the honour to transmit, in accordance with paragraph 1 of General Assembly resolution 1721 B (XVI) of 20 December 1961, information concerning its space objects MEASAT-3a (international designation 2009-032A) and RAZAKSAT (international designation 2009-037A), which were launched in 2009 (see annex).

V.10-51614 (E) 150310 160310





Annex

Registration data on objects launched into space by Malaysia*

MEASAT-3a

International designation: 2009-032A

Name of space object: MEASAT-3a

Owner of space object: MEASAT Satellite Systems Sdn. Bhd.

Date of launch: 22 June 2009

Launch site: Baikonur Cosmodrome, Kazakhstan

Launch vehicle: Land Launch Zenit 3-SLB

Owner of launch site: Russian Federation

Orbital parameters:

Apogee radius: 42,164 kilometres
Perigee radius: 42,164 kilometres

Inclination: 0.00 degrees

Nodal period: 1,437.6 minutes (23 hours 57.6 minutes)

Technical information:

Downlink frequency:

Mass: 2,440 kilograms

Payload/Application: Communications

Uplink frequency: 5925-6425 MHz
13750-14250 MHz

3700-4200 MHz 12200-12500 MHz

Ground control station: MEASAT Teleport and Broadcast Centre,

Cyberjaya, Malaysia

Station position: Latitude: 2.94° N

Longitude: 101.6° E

Registration number: 006

Registration certificate: AAN 006/COMM/MEASAT-3a

V.10-51614

^{*} The registration data are reproduced in the form in which they were received.

RAZAKSAT

International designation: 2009-037A

Name of space object: RAZAKSAT

Owner of space object: The Government of Malaysia

Date of launch: 14 July 2009

Launch site: Omelek Island, Marshall Islands

Launch vehicle: Falcon-1

Owner of launch site: Leased by Space Exploration Technologies

from the United States Army

Orbital parameters:

Apogee radius: 690 kilometres
Perigee radius: 665 kilometres
Inclination: 8.98 degrees
Nodal period: 98.05 minutes

Technical information:

Mass: 186 kilograms

Payload/Application: Medium-size aperture camera/

Optical remote sensing

Uplink frequency: 2035.01 MHz

Downlink frequency: 2232.01 MHz

Ground control station: Malaysia Space Centre,

Sungai Lang, Selangor,

Malaysia

Station position: Latitude: 2°47'3" N

Longitude: 101°30'26" E

Registration number: 005

Registration certificate: AAN 005/RS/RAZAKSAT

V.10-51614 3