



General Assembly

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Committee on the Peaceful Uses of Outer Space

Information furnished in conformity with the Treaty on Principles Governing the Activities of States in the Exploration and Use of Outer Space, including the Moon and Other Celestial Bodies

Note verbale dated 5 December 2023 from the Permanent Mission of the United Kingdom of Great Britain and Northern Ireland to the United Nations (Vienna) addressed to the Secretary-General

The Permanent Mission of the United Kingdom of Great Britain and Northern Ireland to the United Nations (Vienna), in accordance with article XI of the Treaty on Principles Governing the Activities of States in the Exploration and Use of Outer Space, including the Moon and Other Celestial Bodies (General Assembly resolution 2222 (XXI), annex), has the honour to transmit information on the space object AMC-18 (see annex).



Annex

Information on a space object*

AMC-18

Committee on Space Research international designator	2006-054B
Name of the space object	AMC-18
State of registry	United States of America
Other launching States	United Kingdom of Great Britain and Northern Ireland
Date and territory or location of launch	8 December 2006 at 2208 hours UTC; French Guiana
Basic orbital parameters	
Nodal period	1,436 minutes
Inclination	0.157 degrees
Apogee	36,227 kilometres
Perigee	36,149 kilometres
General function of the space object	Communications satellite
Change of status in operations	
Date when the space object was no longer functional	14 November 2023 UTC
Space object owner or operator	SES
Launch vehicle	Ariane 5
Other information	<p>AMC-18 was successfully vented, passivated and switched off on 14 November 2023.</p> <p>The final perigee was raised higher than the minimum 268 kilometres above the geostationary Earth orbit (GEO) required, in accordance with the Inter-Agency Space Debris Coordination Committee (IADC) Space Debris Mitigation Guidelines.</p> <p>The final orbit is:</p> <p>Perigee altitude: 36,149 kilometres, or 363 kilometres above GEO;</p> <p>Apogee altitude: 36,227 kilometres, or 441 kilometres above GEO;</p> <p>Inclination: 0.157 degrees.</p>

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