



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 15 December 2016 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 space object NATO IVB (see annex).



Annex

Information on a space object^{*}

NATO IVB

Committee on Space Research international designator	1993-076A
Name of space object	NATO IVB
State of registry	United States of America for the North Atlantic Treaty Organization (NATO)
Other launching States	United States
Registration document	ST/SG/SER.E/274
Additional information document	A/AC.105/1094
Date and territory or location of launch	8 December 1993 UTC United States
Basic orbital parameters	
Nodal period	1,461.726 minutes
Inclination	12.03 degrees
Apogee	36,320 km
Perigee	36,272 km
General function of space object	Military communications
Date of decay/re-entry/deorbit	4 November 2016 at 2035 hours UTC
Change of status in operations	
Date when space object is no longer functional	11 November 2016 at 1543 hours UTC
Date when space object is moved to a disposal orbit	4 November 2016 at 2035 hours UTC
Physical conditions when space object is moved to a disposal orbit (see Space Debris Mitigation Guidelines of the Committee on the Peaceful Uses of Outer Space)	Orbit raised by minimum 463 km, maximum 520 km, average 492 km from geosynchronous Earth orbit (GEO) to limit probability of collision and limit interference with GEO (guidelines 3 and 7). Batteries depleted and disconnected from charging circuits, and all propellant used up to minimize amount of stored energy (guideline 5).
Change of supervision of the space object	
Change of function of space object	Military communications (decommissioned)
Space object owner or operator	Airbus Defence and Space Ltd.

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

Other information	<p>Ownership of the spacecraft passed from the North Atlantic Treaty Organization (NATO) to the United Kingdom of Great Britain and Northern Ireland on 8 December 2010, and from the United Kingdom to Paradigm Secure Communications Ltd. on the same day.</p> <p>On 1 January 2015, Paradigm's rights and responsibilities passed to Airbus Defence and Space Ltd.</p> <p>The spacecraft reached its end of mission on 11 November 2016.</p>
Launch vehicle	Delta
