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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

Letter dated 25 January 1982 from the Legal Counsellor and Chief of
the Legal Affairs and Intellectual Property Department of the
European Space Agency addressed to the Secretary-General

[Original: French]

In conformity with the Convention on Registration of Objects Launched into Outer Space, I have the honour to transmit information on the launching of space objects by the European Space Agency on 19 December 1981 from the launch site in Kourou (French Department of Guyana).

Accept, Sir, the assurances of my highest consideration.

(Signed) M. BOURÉLY
Legal Counsellor,
Chief, Legal Affairs and
Intellectual Property Department

EUROPEAN SPACE AGENCY

REGISTER OF OBJECTS LAUNCHED INTO OUTER SPACE
(UN 3235/XXIX)

[Original: English]

I

- (a) Name of space object: Ariane L-04, technological capsule
- (b) Name of launching authority: European Space Agency (ESA)
- (c) Designator: ESA/81/04
- (d) Date of launch/location of launch site: 20 December 1981
Kourou (French Guyana)

(e) Orbital parameters:

- (i) Period (min.): 636
- (ii) Inclination (deg.): 10.6
- (iii) Apogee distance (km): 36,051
- (iv) Perigee distance (km): 199
- (v) Position on geostationary orbit (deg. E): -

(f) General description and mission of space object:

The technological capsule, equipped with batteries for a lifetime of about six orbital revolutions (65 h), transmits to earth technological data about test flight L-04 of Ariane. After discharge of the battery the capsule will stop its transmissions and remain in orbit in an inactive status.

- (g) Frequency plan: 136-138 MHz
(transmission till 65 h after launch only)
- (h) State of jurisdiction: -
- (i) Other information: projected time of re-entry: before 1990

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II

- (a) Name of space object: Ariane L-04, third stage
- (b) Name of launching authority: European Space Agency (ESA)
- (c) Designator: ESA/81/05
- (d) Date of launch/location of launch site: 20 December 1981
Kourou (French Guyana)
- (e) Orbital parameters:
- | | |
|---|--------|
| (i) Period (min): | 636 |
| (ii) Inclination (deg.): | 10.6 |
| (iii) Apogee distance (km): | 36,051 |
| (iv) Perigee distance (km): | 199 |
| (v) Position on geostationary orbit (deg. E): | - |
- (f) General description and mission of space object:
Third stage of the three-stage Ariane launch vehicle
- (g) Frequency plan: 2200-2290 MHz
(transmission until 30 minutes after launch)
- (h) State of jurisdiction: -
- (i) Other information: projected time of re-entry: end 1986

III

- (a) Name of space object: MARECS-A
- (b) Name of launching authority: European Space Agency (ESA)
- (c) Designator: ESA/81/06
- (d) Date of launch/location of launch site: 20 December 1981
Kourou
- (e) Orbital parameters:
- | | |
|-------------------|-------------------------|
| (i) Period (min): | 1,436,069 (sideral day) |
|-------------------|-------------------------|

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- (ii) Inclination (deg.): 1 deg
- (iii) Apogee distance (km): (35,785 km
- (iv) Perigee distance (km): (
- (v) Position on geostationary orbit (deg. E): 334

(f) General description and mission of space object:

MARECS-A is a geostationary maritime communication satellite, which will form part of INMARSAT's world-wide maritime communication satellite network.

- (g) Frequency plan:
- 136-138 MHz (S-E)
 - 148-149.9 MHz (E-S)
 - 1,535-1,543.5 MHz (S-E)
 - 1,636.5-1,645 MHz (E-S)
 - 3,400-4,200 MHz (S-E)
 - 5,925-6,425 MHz (E-S)

(h) State of jurisdiction: -

(i) Other information: -
