

RESOLUTION ON
THE ACCESSION OF LITHUANIA TO THE EUMETSAT CONVENTION

**Adopted at the 72nd Meeting of the EUMETSAT Council
on 28-29 June 2011**

The EUMETSAT Council,

CONSIDERING that, according to Article 16 of the EUMETSAT Convention, any State may accede to the said Convention following a decision of the Council taken in conformity with the provisions of Article 5.2(a),

CONSIDERING that Republic of Lithuania and EUMETSAT signed a Cooperating State Agreement on 17 December 2004 which entered into force on 7 November 2005

RECALLING that the Cooperating State Agreement was formally amended on two occasions to extend the duration until 31 December 2013,

WELCOMING the formal request by the Republic of Lithuania to become a full member of EUMETSAT as of 1 January 2014, expressed through letter from the Minister of the Environment of Republic of Lithuania received on 9 March 2011,

CONVINCED that this accession will contribute to the achievement of the objectives set out in the EUMETSAT Convention,

HAVING REGARD to Articles 16 and 17 of the EUMETSAT Convention,

AGREES:

- I** To the accession of the Republic of Lithuania to the EUMETSAT Convention in accordance with Article 16.3 of the EUMETSAT Convention.
- II** To approve the accession agreement attached to this Resolution as Annex I and to authorise the Director-General to sign it.
- III** To fix, in accordance with Article 16.5 of the EUMETSAT Convention, the payment to be made by the Republic of Lithuania with regard to the investments already made at EUR 900,000. This special payment comprises EUR 831,000 towards the investments made for the mandatory programmes and EUR 69,000 towards the investments made for the Optional Jason-2 and Jason-3 Altimetry Programmes.
- IV** To amend the scale of Member State contributions for mandatory programmes in accordance with Article 10.2 and 16.6 of the EUMETSAT Convention.
- V** That all legal and financial implications of the accession of the Republic of Lithuania will formally enter into force at the date of deposit of the instrument of accession, with effect from 1 January 2014.

DRAFT AGREEMENT
BETWEEN
THE REPUBLIC OF LITHUANIA
AND
THE EUROPEAN ORGANISATION
FOR THE EXPLOITATION OF METEOROLOGICAL
SATELLITES (EUMETSAT)
CONCERNING
THE ACCESSION OF
THE REPUBLIC OF LITHUANIA
TO THE CONVENTION FOR THE ESTABLISHMENT
OF A EUROPEAN ORGANISATION
FOR THE EXPLOITATION OF METEOROLOGICAL
SATELLITES (EUMETSAT)
AND RELATED TERMS AND CONDITIONS

22 June 2011 – Issue 6

Preamble

the Republic of Lithuania,

and

the **European Organisation for the Exploitation of Meteorological Satellites** (hereinafter referred to as "EUMETSAT"), established by the Convention opened for signature in Geneva on 24 May 1983 and entered into force on 19 June 1986 (hereinafter referred to as "the Convention"),

TAKING INTO ACCOUNT that the EUMETSAT Council (hereinafter referred to as "the Council") at its 15th meeting on 4 and 5 June 1991 recommended the Members States to accept Amendments to the Convention as proposed in the "Amending Protocol", attached to Resolution EUM/C/Res. XXXVI, and that these Amendments entered into force on 19 November 2000,

CONSIDERING that, according to Article 16 of the Convention, any State may accede to the said Convention following a decision of the Council taken in conformity with the provisions of Article 5.2(a) of the Convention,

CONSIDERING further that the Council, at its 34th meeting on 24-26 June 1997, has defined the "Cooperating State" status as an intermediate step for European countries wishing to become full EUMETSAT Member States,

CONSIDERING that the Republic of Lithuania and EUMETSAT signed a Cooperating State Agreement on 17 December 2004, entered into force on 7 November 2005 following completion of its national ratification process,

BEARING IN MIND that the above mentioned Agreement was amended in two occasions through Agreements on the Amendments of the Agreement to extend its duration until 31 December 2013,

FOLLOWING the wish expressed by the Republic of Lithuania to become a EUMETSAT Member State within the framework conditions established by the Convention, expressed through a letter from its Minister of Environment received on 9 March 2011,

RECALLING that the Council at its 72nd meeting on 28-29 June 2011 agreed to welcome the Republic of Lithuania as a Member State through adoption of Council Resolution EUM/C/72/11/Res. I,

CONVINCED that this accession will contribute to the achievement of the objectives set out in the Convention,

HAVING REGARD to Articles 16 and 17 of the Convention,

HAVE AGREED AS FOLLOWS:

Article 1

The Republic of Lithuania accedes to the Convention in accordance with Article 16.3 of the Convention.

Article 2

1. As from the date of accession, the provisions of the Convention and all EUMETSAT rules, together with all decisions taken by the Council, including all approved EUMETSAT mandatory and optional programmes shall be binding for the Republic of Lithuania.
2. As from the date of accession, the Republic of Lithuania shall be placed in the same situation as the other Member States with regard to decisions, rulings, resolutions or any other acts made by the Council or by any subordinate body and with regard to any Agreement concluded by EUMETSAT. Therefore, the Republic of Lithuania shall abide by the principles and policies stemming therefrom, and shall whenever necessary take appropriate measures to ensure their full implementation.
3. The Republic of Lithuania shall at the same time as the accession to the Convention also accede to the Amending Protocol to the Convention attached to Resolution EUM/C/Res. XXXVI.
4. The Republic of Lithuania shall accede to the EUMETSAT Protocol on Privileges and Immunities, which was opened for signature on 1 December 1986 and entered into force on 5 January 1989, at the same time as the accession to the Convention. This accession to the EUMETSAT Protocol on Privileges and Immunities shall include the editorial amendments as notified to all Member States on 3 December 2002, and which entered into force on 1 January 2004.
5. The Republic of Lithuania shall take all the appropriate measures to adapt its internal legislation and rules to the rights and obligations resulting from its accession to EUMETSAT.

Article 3

1. In accordance with Article 16.5 of the EUMETSAT Convention, the Republic of Lithuania shall make a special payment to EUMETSAT of 900,000 EUR. This special payment covers the investments already made for the approved EUMETSAT programmes.
2. The special payment referred to in paragraph 1 above shall be made in four instalments:
225,000 EUR no later than 30 days after the date of effectiveness of the EUMETSAT Convention as foreseen in Article 5.2 below, but not earlier than 31 January 2014;
225,000 EUR no later than 31 January 2015;
225,000 EUR no later than 31 January 2016;
225,000 EUR no later than 31 January 2017.

Article 4

1. The Republic of Lithuania shall with regard to the provision of Article 3 above start to contribute to the EUMETSAT annual budgets as from 1 January 2014. The rate of contribution by the Republic of Lithuania to the mandatory programme budgets shall be calculated in accordance with Articles 10.2 and 16.6 of the Convention. The rate of contribution to the Optional EUMETSAT Jason-2 and Jason-3 Altimetry Programme Budgets shall be 0.1568%.
2. The Republic of Lithuania shall acquire full voting rights at the Council from the date of effectiveness of the Convention as foreseen in Article 5.2 below.

Article 5

1. The present Agreement is subject to ratification by the Republic of Lithuania according to its national legislation and shall enter into force on the day of receipt by EUMETSAT of the formal notification of ratification.
2. The Convention shall become effective for the Republic of Lithuania in accordance with its Article 17.4, however, not earlier than on 1 January 2014.
3. The EUMETSAT Protocol on Privileges and Immunities shall become effective for the Republic of Lithuania in accordance with its Article 24.4, however, not earlier than on 1 January 2014.

IN WITNESS WHEREOF, the undersigned being duly authorised, have signed this Agreement.

Done and signed in two originals, in the English and Lithuanian languages, both texts being equally authentic.

In.....

In.....

On.....

On.....

For the Republic of Lithuania

For EUMETSAT

.....
Gediminas Kazlauskas
Minister of Environment

.....
Dr. Lars Prahm
Director-General

RESOLUTION ON
THE PARTICIPATION OF THE REPUBLIC OF LITHUANIA TO
THE OPTIONAL EUMETSAT JASON-2 ALTIMETRY PROGRAMME

Adopted at the 72nd Meeting of the EUMETSAT Council
on 28-29 June 2011

The Participating States,

TAKING INTO ACCOUNT Resolution EUM/C/72/11/Res. I on the Accession of the Republic of Lithuania to the EUMETSAT Convention, unanimously adopted at the 72nd Meeting of the EUMETSAT Council,

TAKING INTO ACCOUNT that, in accordance with the above Resolution, the Republic of Lithuania will become a Member State of EUMETSAT, subject to ratification, with effect from 1 January 2014,

WELCOMING the wish expressed by Lithuania to become a Participating State to the Optional EUMETSAT Jason-2 Altimetry Programme at the rate of 0.1568%.

CONVINCED that this participation will contribute to the successful completion of the EUMETSAT Optional Jason-2 Altimetry Programme,

HAVING REGARD to the Declaration EUM/C/01/Decl. I on the Optional EUMETSAT Jason-2 Altimetry Programme adopted by Potential Participating States on 4-5 December 2001, amended by Resolution EUM/C/02/Res. IV adopted on 26-27 November 2002, entered into force on 27 June 2003 and reflecting subsequent subscriptions,

HAVING REGARD to Articles 5.3 and 16 of the EUMETSAT Convention,

AGREE:

- I** To the participation of the Republic of Lithuania to the Optional EUMETSAT Jason-2 Altimetry Programme.
- II** To fix, in accordance with Article 16.5 of the EUMETSAT Convention, the entry fee to be paid by Lithuania for the Optional EUMETSAT Jason-2 Altimetry Programme at EUR 8,000.
- III** That in accordance with Article 16.6 of the EUMETSAT Convention, Lithuania shall contribute with a rate of 0.1568% to the annual Jason-2 budgets with effect from 1 January 2014, and that the rates of contributions of the current Participating States shall be adjusted pro-rata accordingly.
- IV** To amend the Declaration EUM/C/01/Decl. I on the Optional EUMETSAT Jason-2 Altimetry Programme to reflect that Lithuania will participate in the Programme with effect 1 January 2014.
- V** To amend Annexes II and III of the Declaration on the Optional EUMETSAT Jason-2 Altimetry Programme as attached to this Resolution in Annexes I and II.

EUMETSAT JASON-2 ALTIMETRY OPTIONAL PROGRAMME FINANCIAL ENVELOPE AND SCALE OF CONTRIBUTIONS

1 FINANCIAL ENVELOPE

The overall envelope for EUMETSAT's contribution to the Ocean Surface Topography Mission (OSTM) through the EUMETSAT Jason-2 Altimetry Programme shall be limited to a maximum of 30 MEUR at 2001 economic conditions.

The indicative EUMETSAT payment profile, based upon a 2004 December launch and five years of operations, is:

Year	2003	2004	2005	2006	2007	2008	2009
MEUR	3	4.0	4.6	4.6	4.6	4.6	4.6

2 SCALE OF CONTRIBUTIONS

The Participating States shall contribute to the EUMETSAT Jason-2 Altimetry Programme in accordance with the following scale of contributions:

MEMBER STATE	Scale Jason-2
BELGIUM (BE)	3.0476%
SWITZERLAND (CH)	3.4420%
GERMANY (DE)	26.4515%
DENMARK (DK)	1.9528%
ESTONIA (EE)	0.0861%
SPAIN (ES)	6.6572%
FINLAND (FI)	1.4498%
FRANCE (FR)	17.2302%
UNITED KINGDOM (GB)	10.5038%
GREECE (GR)	0.7201%
CROATIA (HR)	0.2208%
IRELAND (IE)	0.9469%
ITALY (IT)	13.3640%
LITHUANIA (LT)	0.1568%
LUXEMBOURG (LU)	0.2170%
LATVIA (LV)	0.0957%
NETHERLANDS (NL)	4.5271%
NORWAY (NO)	1.7853%
PORTUGAL (PT)	1.2723%
ROMANIA (RO)	0.5813%
SWEDEN (SE)	2.7418%
SLOVENIA (SI)	0.2321%
TURKEY (TR)	2.3178%
TOTAL	100.0000%

**EUMETSAT JASON-2 ALTIMETRY OPTIONAL PROGRAMME
VOTING COEFFICIENT**

Pursuant to the scale of contributions contained in Annex II of the Declaration on the EUMETSAT Optional Jason-2 Altimetry Programme, and taking into account Article 5.3 b) of the EUMETSAT Convention, the voting coefficient of Participating States shall be as follows:

MEMBER STATE	Voting Coefficient %
BELGIUM (BE)	3.0476%
SWITZERLAND (CH)	3.4420%
GERMANY (DE)	26.4515%
DENMARK (DK)	1.9528%
ESTONIA (EE)	0.0861%
SPAIN (ES)	6.6572%
FINLAND (FI)	1.4498%
FRANCE (FR)	17.2302%
UNITED KINGDOM (GB)	10.5038%
GREECE (GR)	0.7201%
CROATIA (HR)	0.2208%
IRELAND (IE)	0.9469%
ITALY (IT)	13.3640%
LITHUANIA (LT)	0.1568%
LUXEMBOURG (LU)	0.2170%
LATVIA (LV)	0.0957%
NETHERLANDS (NL)	4.5271%
NORWAY (NO)	1.7853%
PORTUGAL (PT)	1.2723%
ROMANIA (RO)	0.5813%
SWEDEN (SE)	2.7418%
SLOVENIA (SI)	0.2321%
TURKEY (TR)	2.3178%
TOTAL	100.0000%

RESOLUTION ON
THE PARTICIPATION OF THE REPUBLIC OF LITHUANIA TO
THE OPTIONAL EUMETSAT JASON-3 ALTIMETRY PROGRAMME

Adopted at the 72nd Meeting of the EUMETSAT Council
on 28-29 June 2011

The Participating States,

TAKING INTO ACCOUNT Resolution EUM/C/72/11/Res. I on the Accession of the Republic of Lithuania to the EUMETSAT Convention, unanimously adopted at the 72nd Meeting of the EUMETSAT Council,

TAKING INTO ACCOUNT that, in accordance with the above Resolution, the Republic of Lithuania will become a Member State of EUMETSAT, subject to ratification, with effect from 1 January 2014,

WELCOMING the wish expressed by Lithuania to become a Participating State to the Optional EUMETSAT Jason-3 Altimetry Programme at the rate of 0.1568%.

CONVINCED that this participation will contribute to the successful completion of the EUMETSAT Optional Jason-3 Altimetry Programme,

HAVING REGARD to the Council Declaration EUM/C/67/09/Dcl. I on the Optional EUMETSAT Jason-3 Altimetry Programme adopted by Potential Participating States on 1 July 2009 and which entered into force on 1 February 2010 and reflecting subsequent subscriptions,

HAVING REGARD to Articles 5.3 and 16 of the EUMETSAT Convention,

AGREE:

- I** To the accession of the Republic of Lithuania to the Optional EUMETSAT Jason-3 Altimetry Programme.
- II** To fix, in accordance with Article 16.5 of the EUMETSAT Convention, the entry fee to be paid by Lithuania for the Optional EUMETSAT Jason-3 Altimetry Programme at EUR 61,000.
- III** That in accordance with Article 16.6 of the EUMETSAT Convention, Lithuania shall contribute with a rate of 0.1568% to the annual Jason-3 budgets with effect from 1 January 2014, and that the rates of contributions of the current Participating States shall be adjusted pro-rata accordingly.
- IV** To amend the Declaration EUM/C/67/09/Dcl. I on the Optional EUMETSAT Jason-3 Altimetry Programme to reflect that Lithuania will participate in the Programme with effect 1 January 2014.

- V** To amend Annexes II and III of the Declaration on the Optional EUMETSAT Jason-3 Altimetry Programme as attached to this Resolution in Annexes I and II.

**OPTIONAL EUMETSAT JASON-3 ALTIMETRY PROGRAMME FINANCIAL
ENVELOPE AND SCALE OF CONTRIBUTIONS**

1 FINANCIAL ENVELOPE

The overall envelope for the Optional EUMETSAT Jason-3 Altimetry Programme shall be limited to a maximum of M€3.6 at 2009 economic conditions (M€0 at 2007 economic conditions).

The indicative EUMETSAT payment profile, based upon a mid 2013 launch and five years of operations, is:

Year	2010	2011	2012	2013	2014	2015	2016	2017	2018
M€	20.9	26.2	13	3.5	0	0	0	0	0

2 SCALE OF CONTRIBUTIONS

The Participating States shall contribute to the EUMETSAT Jason-3 Altimetry Programme in accordance with the following scale of contributions:

MEMBER STATE	Scale Jason-3
BELGIUM (BE)	2.8746%
SWITZERLAND (CH)	3.0689%
GERMANY (DE)	13.2131%
DENMARK (DK)	1.9845%
ESTONIA (EE)	0.0861%
SPAIN (ES)	8.4382%
FINLAND (FI)	1.5068%
FRANCE (FR)	22.0220%
UNITED KINGDOM (GB)	15.6906%
GREECE (GR)	0.9221%
CROATIA (HR)	0.2761%
IRELAND (IE)	1.3013%
ITALY (IT)	13.4408%
LITHUANIA (LT)	0.1568%
LUXEMBOURG (LU)	0.2401%
NETHERLANDS (NL)	4.8922%
NORWAY (NO)	2.2628%
PORTUGAL (PT)	1.3725%
ROMANIA (RO)	0.6416%
SWEDEN (SE)	2.8220%
SLOVENIA (SI)	0.2564%
TURKEY (TR)	2.5305%
TOTAL	100.0000%

**OPTIONAL EUMETSAT JASON-3 ALTIMETRY PROGRAMME
VOTING COEFFICIENT**

Pursuant to the scale of contributions contained in Annex II of the Declaration on the Optional EUMETSAT Jason-3 Altimetry Programme, and taking into account Article 5.3 b) of the EUMETSAT Convention, the voting coefficient of Participating States shall be as follows:

MEMBER STATE	Voting Coefficient %
BELGIUM (BE)	2.8746%
SWITZERLAND (CH)	3.0689%
GERMANY (DE)	13.2131%
DENMARK (DK)	1.9845%
ESTONIA (EE)	0.0861%
SPAIN (ES)	8.4382%
FINLAND (FI)	1.5068%
FRANCE (FR)	22.0220%
UNITED KINGDOM (GB)	15.6906%
GREECE (GR)	0.9221%
CROATIA (HR)	0.2761%
IRELAND (IE)	1.3013%
ITALY (IT)	13.4408%
LITHUANIA (LT)	0.1568%
LUXEMBOURG (LU)	0.2401%
NETHERLANDS (NL)	4.8922%
NORWAY (NO)	2.2628%
PORTUGAL (PT)	1.3725%
ROMANIA (RO)	0.6416%
SWEDEN (SE)	2.8220%
SLOVENIA (SI)	0.2564%
TURKEY (TR)	2.5305%
TOTAL	100.0000%

RESOLUTION ON
THE ACCESSION OF ESTONIA TO THE EUMETSAT CONVENTION

**Adopted at the 72nd Meeting of the EUMETSAT Council
on 28-29 June 2011**

The EUMETSAT Council,

CONSIDERING that, according to Article 16 of the EUMETSAT Convention, any State may accede to the said Convention following a decision of the Council taken in conformity with the provisions of Article 5.2(a),

CONSIDERING that the Republic of Estonia and EUMETSAT signed a Cooperating State Agreement on 19 December 2006, and that this Agreement entered into force on the same date,

BEARING IN MIND that Article 7 of the above-mentioned Agreement establishes that the Agreement shall remain in force for a period of 5 years and that it requires, during the third year following the entry into force of the Agreement, a formal review of the cooperation with a view to accession by Estonia to EUMETSAT as a full Member State,

WELCOMING the formal request by the Republic of Estonia to become a full member of EUMETSAT, expressed through letter from the Minister of the Environment of the Republic of Estonia dated 29 November 2010,

CONVINCED that this accession will contribute to the achievement of the objectives set out in the EUMETSAT Convention,

HAVING REGARD to Articles 16 and 17 of the EUMETSAT Convention,

AGREES:

- I** To the accession of the Republic of Estonia to the EUMETSAT Convention in accordance with Article 16.3 of the EUMETSAT Convention.
- II** To approve the accession agreement attached to this Resolution as Annex I and to authorise the Director-General to sign it.
- III** To fix, in accordance with Article 16.5 of the EUMETSAT Convention, the payment to be made by the Republic of Estonia with regard to the investments already made at EUR 141,000. This special payment comprises EUR 97,000 for the mandatory programmes and EUR 44,000 for the Optional Jason-2 and Jason-3 Altimetry Programmes.
- IV** To amend the scale of Member State contributions for mandatory programmes in accordance with Article 10.2 and 16.6 of the EUMETSAT Convention.

- V** That all legal and financial implications of the accession of the Republic of Estonia will formally enter into force at the date of deposit of the instrument of accession, with effect from 1 January 2012.

DRAFT AGREEMENT
BETWEEN
THE REPUBLIC OF ESTONIA
AND
THE EUROPEAN ORGANISATION
FOR THE EXPLOITATION OF METEOROLOGICAL
SATELLITES (EUMETSAT)
CONCERNING
THE ACCESSION OF THE
THE REPUBLIC OF ESTONIA
TO THE CONVENTION FOR THE ESTABLISHMENT
OF A EUROPEAN ORGANISATION
FOR THE EXPLOITATION OF METEOROLOGICAL
SATELLITES (EUMETSAT)
AND RELATED TERMS AND CONDITIONS

11 May 2011 – Issue 4
EUM/LAD/CA/10/0151

Preamble

The **Republic of Estonia**, (hereinafter referred to as "Estonia"),

and

the **European Organisation for the Exploitation of Meteorological Satellites**, established by the Convention opened for signature in Geneva on 24 May 1983 and entered into force on 19 June 1986 (hereinafter referred to as "EUMETSAT"),

TAKING INTO ACCOUNT that the EUMETSAT Council at its 15th meeting on 4 and 5 June 1991 recommended the Members States to accept Amendments to the Convention as proposed in the "Amending Protocol", attached to Resolution EUM/C/Res. XXXVI, and that these Amendments entered into force on 19 November 2000,

CONSIDERING that, according to Article 16 of the EUMETSAT Convention, any State may accede to the said Convention following a decision of the Council taken in conformity with the provisions of Article 5.2(a) of the Convention,

CONSIDERING further that the EUMETSAT Council, at its 34th meeting on 24-26 June 1997, has defined the "Cooperating State" status as an intermediate step for European countries wishing to become full EUMETSAT Member States,

CONSIDERING that the Republic of Estonia and EUMETSAT signed a Cooperating State Agreement on 19 December 2006, which entered into force on the same day,

BEARING IN MIND that Article 7 of the above mentioned Agreement establishes that the Agreement shall remain in force until 31 December 2011, and that, during the third year following the entry into force of this Agreement, the Parties shall proceed to a formal review of their cooperation with a view to accession by Estonia to EUMETSAT as a full Member State,

FOLLOWING the wish expressed by Estonia to become a EUMETSAT Member State within the framework conditions established by the EUMETSAT Convention, expressed through a letter from its Minister of the Environment dated 29 November 2010,

RECALLING that the EUMETSAT Council at its meeting on agreed to welcome Estonia as a Member State through adoption of Council Resolution EUM/C/...../Res.....,

CONVINCED that this accession will contribute to the achievement of the objectives set out in the EUMETSAT Convention,

HAVING REGARD to Articles 16 and 17 of the EUMETSAT Convention,

HAVE AGREED AS FOLLOWS:

Article 1

Estonia accedes to the EUMETSAT Convention in accordance with Article 16.3 of the EUMETSAT Convention.

Article 2

1. As from the date of accession, the provisions of the EUMETSAT Convention and all EUMETSAT rules, together with all decisions taken by the Council, including all EUMETSAT programmes (General Budget, Meteosat Transition Programme, Meteosat Second Generation Programme and its Extension, EUMETSAT Polar System Programme, Meteosat Third Generation Preparatory Programme, Meteosat Third Generation Programme, EUMETSAT Polar System Second Generation Preparatory Programme, and the Optional EUMETSAT Jason-2 and Jason-3 Altimetry Programmes) shall be binding for Estonia.
2. As from the date of accession, Estonia shall be placed in the same situation as the other Member States with regard to decisions, rulings, resolutions or any other acts made by the Council or by any subordinate body and with regard to any Agreement concluded by EUMETSAT. Therefore, Estonia shall abide by the principles and policies stemming therefrom, and shall whenever necessary take appropriate measures to ensure their full implementation.
3. Estonia shall at the same time as the accession to the EUMETSAT Convention also accede to the Amending Protocol to the EUMETSAT Convention attached to Resolution EUM/C/Res. XXXVI.
4. Estonia shall accede to the EUMETSAT Protocol on Privileges and Immunities, which was opened for signature on 1 December 1986 and entered into force on 5 January 1989, at the same time as the accession to the EUMETSAT Convention. This accession to the EUMETSAT Protocol on Privileges and Immunities shall include the editorial amendments as notified to all Member States on 3 December 2002, and which entered into force on 1 January 2004.
5. Estonia shall take all the appropriate measures to adapt its internal legislation and rules to the rights and obligations resulting from its accession to EUMETSAT.

Article 3

1. In accordance with Article 16.5 of the EUMETSAT Convention, Estonia shall make a special payment to EUMETSAT of 141,000 EUR. This payment shall be made no later than 30 days after the date of deposit of the instrument of accession, but not earlier than 31 January 2012.

Article 4

1. Estonia shall with regard to the provision of Article 3 above start to contribute to the EUMETSAT annual budgets as full Member State from 1 January 2012. The rate of contribution by Estonia to the mandatory programme budgets shall be calculated in accordance with Articles 10.2 and 16.6 of the EUMETSAT Convention. The rate of contribution to the Optional EUMETSAT Jason-2 and Jason-3 Altimetry Programmes Budgets shall be 0.0862%.
2. Estonia shall acquire full voting rights at the EUMETSAT Council from the date of deposit of its instrument of accession.

Article 5

1. The present Agreement shall enter into force on the date of deposit of Estonia's instrument of accession with the Depository of the EUMETSAT Convention, the Government of the Swiss Confederation.
2. In accordance with its Article 17.4, the EUMETSAT Convention shall become effective for Estonia on the date referred to in Article 5.1 above.
3. In accordance with its Article 24.4, the EUMETSAT Protocol on Privileges and Immunities shall become effective for Estonia thirty days after the date of deposit of the Estonia's instrument of acceptance of the Protocol with the Depository of the EUMETSAT Convention, the Government of the Swiss Confederation.

IN WITNESS WHEREOF, the undersigned being duly authorised, have signed this Agreement.

Done in, on.....in two originals, in the English and Estonian languages, both texts being equally authentic. In case of divergence in interpretation the English shall prevail.

For the Government
of the Estonia

For the European Organisation for the
Exploitation of Meteorological Satellites
(EUMETSAT)

Dr. Lars Prahm
Director-General

RESOLUTION ON
THE PARTICIPATION OF THE REPUBLIC OF ESTONIA TO
THE OPTIONAL EUMETSAT JASON-2 ALTIMETRY PROGRAMME

Adopted at the 72nd Meeting of the EUMETSAT Council
on 28-29 June 2011

The Participating States,

TAKING INTO ACCOUNT Resolution EUM/C/72/11/Res. IV on the Accession of the Republic of Estonia to the EUMETSAT Convention, unanimously adopted at the 72nd Meeting of the EUMETSAT Council,

TAKING INTO ACCOUNT that, in accordance with the above Resolution, the Republic of Estonia will become a Member State of EUMETSAT, subject to ratification, with effect from 1 January 2012,

WELCOMING the wish expressed by Estonia to become a Participating State to the Optional EUMETSAT Jason-2 Altimetry Programme at the rate of 0.0862%.

CONVINCED that this accession will contribute to the successful completion of the EUMETSAT Optional Jason-2 Altimetry Programme,

HAVING REGARD to the Declaration EUM/C/01/Decl. I on the Optional EUMETSAT Jason-2 Altimetry Programme adopted by Potential Participating States on 4-5 December 2001, amended by Resolution EUM/C/02/Res. IV adopted on 26-27 November 2002, entered into force on 27 June 2003 and reflecting subsequent subscriptions,

HAVING REGARD to Articles 5.3 and 16 of the EUMETSAT Convention,

AGREE:

- I** To the participation of the Republic of Estonia to the Optional EUMETSAT Jason-2 Altimetry Programme.
- II** To fix, in accordance with Article 16.5 of the EUMETSAT Convention, the entry fee to be paid by Estonia for the Optional EUMETSAT Jason-2 Altimetry Programme at EUR 4,000.
- III** That in accordance with Article 16.6 of the EUMETSAT Convention, Estonia shall contribute with a rate of 0.0862% to the annual Jason-2 budgets with effect from 1 January 2012, and that the rates of contributions of the current Participating States shall be adjusted pro-rata accordingly.
- IV** To amend the Declaration EUM/C/01/Decl. I on the Optional EUMETSAT Jason-2 Altimetry Programme to reflect that Estonia will participate in the Programme with effect 1 January 2012.
- V** To amend Annexes II and III of the Declaration on the Optional EUMETSAT Jason-2 Altimetry Programme as attached to this Resolution in Annexes I and II.

EUMETSAT JASON-2 ALTIMETRY OPTIONAL PROGRAMME

FINANCIAL ENVELOPE AND SCALE OF CONTRIBUTIONS

1 FINANCIAL ENVELOPE

The overall envelope for EUMETSAT's contribution to the Ocean Surface Topography Mission (OSTM) through the EUMETSAT Jason-2 Altimetry Programme shall be limited to a maximum of 30 MEUR at 2001 economic conditions.

The indicative EUMETSAT payment profile, based upon a 2004 December launch and five years of operations, is:

Year	2003	2004	2005	2006	2007	2008	2009
MEUR	3	4.0	4.6	4.6	4.6	4.6	4.6

2 SCALE OF CONTRIBUTIONS

The Participating States shall contribute to the EUMETSAT Jason-2 Altimetry Programme in accordance with the following scale of contributions:

MEMBER STATE	Scale Jason-2
BELGIUM (BE)	3.0524%
SWITZERLAND (CH)	3.4474%
GERMANY (DE)	26.4930%
DENMARK (DK)	1.9559%
ESTONIA (EE)	0.0862%
SPAIN (ES)	6.6677%
FINLAND (FI)	1.4521%
FRANCE (FR)	17.2573%
UNITED KINGDOM (GB)	10.5203%
GREECE (GR)	0.7212%
CROATIA (HR)	0.2211%
IRELAND (IE)	0.9484%
ITALY (IT)	13.3850%
LUXEMBOURG (LU)	0.2173%
LATVIA (LV)	0.0959%
NETHERLANDS (NL)	4.5342%
NORWAY (NO)	1.7881%
PORTUGAL (PT)	1.2743%
ROMANIA (RO)	0.5822%
SWEDEN (SE)	2.7461%
SLOVENIA (SI)	0.2325%
TURKEY (TR)	2.3214%
TOTAL	100.0000%

EUMETSAT JASON-2 ALTIMETRY OPTIONAL PROGRAMME

VOTING COEFFICIENT

Pursuant to the scale of contributions contained in Annex II of the Declaration on the EUMETSAT Optional Jason-2 Altimetry Programme, and taking into account Article 5.3 b) of the EUMETSAT Convention, the voting coefficient of Participating States shall be as follows:

MEMBER STATE	Voting Coefficient %
BELGIUM (BE)	3.0524%
SWITZERLAND (CH)	3.4474%
GERMANY (DE)	26.4930%
DENMARK (DK)	1.9559%
ESTONIA (EE)	0.0862%
SPAIN (ES)	6.6677%
FINLAND (FI)	1.4521%
FRANCE (FR)	17.2573%
UNITED KINGDOM (GB)	10.5203%
GREECE (GR)	0.7212%
CROATIA (HR)	0.2211%
IRELAND (IE)	0.9484%
ITALY (IT)	13.3850%
LUXEMBOURG (LU)	0.2173%
LATVIA (LV)	0.0959%
NETHERLANDS (NL)	4.5342%
NORWAY (NO)	1.7881%
PORTUGAL (PT)	1.2743%
ROMANIA (RO)	0.5822%
SWEDEN (SE)	2.7461%
SLOVENIA (SI)	0.2325%
TURKEY (TR)	2.3214%
TOTAL	100.0000%

RESOLUTION ON
THE PARTICIPATION OF THE REPUBLIC OF ESTONIA TO
THE OPTIONAL EUMETSAT JASON-3 ALTIMETRY PROGRAMME

Adopted at the 72nd Meeting of the EUMETSAT Council
on 28-29 June 2011

The Participating States,

TAKING INTO ACCOUNT Resolution EUM/C/72/11/Res. IV on the Accession of the Republic of Estonia to the EUMETSAT Convention, unanimously adopted at the 72nd Meeting of the EUMETSAT Council,

TAKING INTO ACCOUNT that, in accordance with the above Resolution, the Republic of Estonia will become a Member State of EUMETSAT, subject to ratification, with effect from 1 January 2012,

WELCOMING the wish expressed by Estonia to become a Participating State to the Optional EUMETSAT Jason-3 Altimetry Programme at the rate of 0.0862%.

CONVINCED that this accession will contribute to the successful completion of the EUMETSAT Optional Jason-3 Altimetry Programme,

HAVING REGARD to the Council Declaration EUM/C/67/09/Dcl. I on the Optional EUMETSAT Jason-3 Altimetry Programme adopted by Potential Participating States on 1 July 2009 which entered into force on 1 February 2010 and reflecting subsequent subscriptions,

HAVING REGARD to Articles 5.3 and 16 of the EUMETSAT Convention,

AGREE:

- I** To the participation of the Republic of Estonia to the Optional EUMETSAT Jason-3 Altimetry Programme.
- II** To fix, in accordance with Article 16.5 of the EUMETSAT Convention, the entry fee to be paid by Estonia for the Optional EUMETSAT Jason-3 Altimetry Programme at EUR 40,000.
- III** That in accordance with Article 16.6 of the EUMETSAT Convention, Estonia shall contribute with a rate of 0.0862% to the annual Jason-3 budgets with effect from 1 January 2012, and that the rates of contributions of the current Participating States shall be adjusted pro-rata accordingly.
- IV** To amend the Declaration EUM/C/67/09/Dcl. I on the Optional EUMETSAT Jason-3 Altimetry Programme to reflect that Estonia will participate in the Programme with effect 1 January 2012.

- V** To amend Annexes II and III of the Declaration on the Optional EUMETSAT Jason-3 Altimetry Programme as attached to this Resolution in Annexes I and II.

OPTIONAL EUMETSAT JASON-3 ALTIMETRY PROGRAMME FINANCIAL ENVELOPE AND SCALE OF CONTRIBUTIONS

1 FINANCIAL ENVELOPE

The overall envelope for the Optional EUMETSAT Jason-3 Altimetry Programme shall be limited to a maximum of M€63.6 at 2009 economic conditions (M€60 at 2007 economic conditions).

The indicative EUMETSAT payment profile, based upon a mid 2013 launch and five years of operations, is:

Year	2010	2011	2012	2013	2014	2015	2016	2017	2018
M€	20.9	26.2	13	3.5	0	0	0	0	0

2 SCALE OF CONTRIBUTIONS

The Participating States shall contribute to the EUMETSAT Jason-3 Altimetry Programme in accordance with the following scale of contributions:

MEMBER STATE	Scale Jason-3
BELGIUM (BE)	2.8791%
SWITZERLAND (CH)	3.0737%
GERMANY (DE)	13.2339%
DENMARK (DK)	1.9876%
ESTONIA (EE)	0.0862%
SPAIN (ES)	8.4515%
FINLAND (FI)	1.5092%
FRANCE (FR)	22.0566%
UNITED KINGDOM (GB)	15.7152%
GREECE (GR)	0.9235%
CROATIA (HR)	0.2765%
IRELAND (IE)	1.3033%
ITALY (IT)	13.4619%
LUXEMBOURG (LU)	0.2405%
NETHERLANDS (NL)	4.8999%
NORWAY (NO)	2.2664%
PORTUGAL (PT)	1.3747%
ROMANIA (RO)	0.6426%
SWEDEN (SE)	2.8264%
SLOVENIA (SI)	0.2568%
TURKEY (TR)	2.5345%
TOTAL	100.0000%

**OPTIONAL EUMETSAT JASON-3 ALTIMETRY PROGRAMME
VOTING COEFFICIENT**

Pursuant to the scale of contributions contained in Annex II of the Declaration on the Optional EUMETSAT Jason-3 Altimetry Programme, and taking into account Article 5.3 b) of the EUMETSAT Convention, the voting coefficient of Participating States shall be as follows:

MEMBER STATE	Voting Coeficient %
BELGIUM (BE)	2.8791%
SWITZERLAND (CH)	3.0737%
GERMANY (DE)	13.2339%
DENMARK (DK)	1.9876%
ESTONIA (EE)	0.0862%
SPAIN (ES)	8.4515%
FINLAND (FI)	1.5092%
FRANCE (FR)	22.0566%
UNITED KINGDOM (GB)	15.7152%
GREECE (GR)	0.9235%
CROATIA (HR)	0.2765%
IRELAND (IE)	1.3033%
ITALY (IT)	13.4619%
LUXEMBOURG (LU)	0.2405%
NETHERLANDS (NL)	4.8999%
NORWAY (NO)	2.2664%
PORTUGAL (PT)	1.3747%
ROMANIA (RO)	0.6426%
SWEDEN (SE)	2.8264%
SLOVENIA (SI)	0.2568%
TURKEY (TR)	2.5345%
TOTAL	100.0000%

RESOLUTION ON
AMENDMENTS TO THE METEOSAT IMPLEMENTING RULES

**Adopted at the 72nd Meeting of the EUMETSAT Council
on 28-29 June 2011**

The EUMETSAT Member States,

RECALLING that the current Meteosat Implementing Rules were adopted by Council at its 70th meeting in June 2010 through Resolution EUM/C/70/10/Res. III,

RECALLING that Annex III of the Meteosat Implementing Rules was amended by Council at its 70th meeting in June 2010 through Resolution EUM/C/70/10/Res. IV,

TAKING INTO ACCOUNT that one of the objectives of the EUMETSAT Data Policy is to extend the use of Meteosat Data and Products,

CONSIDERING that, at its 67th Council meeting, the EUMETSAT Council adopted the Oslo Declaration which aims to offer more and better products and services whilst continuing to protect the underlying digital data and products,

CONSIDERING that at its 68th and 70th meetings the EUMETSAT Council agreed to increase the Essential data set to include Three-hourly data and to expand the data provided without charge to National Meteorological Services of Non-Member States to include Hourly data,

CONSIDERING that at its 70th meeting, the EUMETSAT Council agreed to reduce the End User fees with consequential impact on the basic fees paid by Broadcasters and the minimum fees for Service Providers,

AGREE to abolish Resolution EUM/C/70/10/Res. IV and replace it as follows:

- I** The fees for access to non-essential Meteosat data by commercial and other users shall be replaced by the version attached to this Resolution in Annex I.
- II** This Resolution shall take effect on 1 January 2012.
- III** Subject to the above, Resolution EUM/C/70/10/Res. III remains unchanged.

**EUMETSAT FEES FOR ACCESS TO NON-ESSENTIAL METEOSAT DATA BY
COMMERCIAL AND OTHER USERS**

The attached Table contains the annual EUMETSAT fees applicable to commercial and other users for non-Essential HRI Data and High Rate SEVIRI Data. These fees will be reviewed by the EUMETSAT Council at regular intervals in light of experience.

The fees for the use of non-Essential Low Rate SEVIRI Data by commercial and other users shall be 75% of the corresponding fees for corresponding use of High Rate SEVIRI Data.

The fees are based on the following considerations:

- All Service Providers shall be charged a basic fee, in accordance with the attached Table.
- In cases where a Service Provider wishes to retransmit Meteosat Data without transformation to End Users, an additional fee shall be charged per end user equivalent to 75% of the End User fee for direct reception in accordance with the attached Table.
- In cases where a Service Provider wishes to broadcast or to supply for broadcasting Meteosat Data or images based on Meteosat Data, an additional fee shall be charged per channel or Service Provider or Broadcaster running web site(s) in accordance with the attached Table.
- For Broadcasters procuring Meteosat Data or images based on Meteosat Data from a Service Provider, no fee will be charged to the Broadcaster, as such fee is already included in the fee charged to the Service Provider.
- All Broadcasters receiving Meteosat Data directly shall be charged a basic fee in accordance with the attached Table.
- An additional fee will be charged per channel, depending on the size of the Actual Audience as defined in the attached Table. Should broadcasting consist of open-site Internet dissemination, the additional fee will be charged per Broadcaster running web site(s) containing images based on Meteosat Data. This fee shall depend on the number of page consultations made to the web site.
- Licences to Service Providers will allow redistribution of Meteosat Data to another Service Provider only if this other Service Provider has the appropriate licence with EUMETSAT or one of its Exclusive Licensing Agents.

FEES FOR ACCESS TO METEOSAT DATA

Data Frequency	User Categories					
	End User	Broadcaster		Service Provider		
		Basic fee	Additional fee for broadcasting images based on Meteosat Data	Basic fee	Additional fee for the right to re-transmit Meteosat Data without transformation to End Users	Additional fee for broadcasting images based on Meteosat Data or supplying to broadcasters Meteosat Data or images based on Meteosat Data
Full set (1/4 hourly)	6 KEUR	End User fee according to data frequency requested	a) Fee per channel: EUR 75 per 10,000 actual audience*** with a minimum of EUR 250 and a maximum of KEUR 15. b) Fee per Broadcaster running web site(s): EUR 75 per 10,000 page consultations**** accumulated over one year with a minimum of EUR 250 and a maximum of KEUR 30.	0.5% of Service Provider turnover** max. KEUR 18, min. KEUR 6	n* x 75% of the relevant end user fee	a) Fee per channel: EUR 75 per 10,000 actual audience*** with a minimum of EUR 250 and a maximum of KEUR 15. b) Fee per Service Provider or Broadcaster running web site(s): EUR 75 per 10,000 page consultations**** accumulated over one year with a minimum of EUR 250 and a maximum of KEUR 30.
1/2 hourly data	4 KEUR			0.5% of Service Provider turnover** max. KEUR 12, min. KEUR 4		
1 hourly data	2 KEUR			0.5% of Service Provider turnover** max. KEUR 6, min. KEUR 2		

* n = number of end users

** Turnover means the meteorological turnover, being the total annual revenue derived from the commercial activity in any way based on meteorological data and products acquired by the Service Provider (excluding revenue derived from services to civil aviation in accordance with the ICAO Convention, Annex III). Should the turnover figures not be available, the maximum fee will apply.

*** Actual audience is defined as the arithmetic average of the total actual audience (total audience except children under 3 years old), based on the full 24-hour period and over a period of approximately 1 year, expressed as average audience per day. The result of this calculation will be rounded up to the next 10,000. Should the audience figures not be available, the maximum fee will apply.

**** One page consultation is defined as any single "click" originated from one IP address on a web page containing images based on Meteosat Data. Should the number of page consultations not be available, the maximum fee will apply.

NOTE: The fees for access to Low Rate SEVIRI Data shall be 75% of the corresponding fees for High Rate SEVIRI Data according to this table.

RESOLUTION ON
AMENDED EUMETSAT PRINCIPLES ON DATA POLICY REGARDING THE
POSSIBILITY TO DELEGATE LICENSING OF COMMERCIAL USERS

Adopted at the 72nd Meeting of the EUMETSAT Council
on 28-29 June 2011

The EUMETSAT Member States,

RECALLING that Council Resolution EUM/C/98/Res. IV establishes the generic EUMETSAT Principles on Data Policy,

RECALLING that the EUMETSAT Principles on Data Policy determine that the NMSs of the Member States shall act as exclusive Licensing Agents on behalf and for account of EUMETSAT for the purpose of granting access to real-time data to users receiving the data within their respective territories, and that EUMETSAT is responsible for granting access to real-time data to international organisations, NMSs of non-Member States and to other users operating outside Member States,

RECALLING that the EUMETSAT Principles on Data Policy were amended by Council Resolution EUM/C/57/05/Res. III in order to offer the possibility to the NMSs to delegate the licensing of non-paying users in their territory to the Secretariat,

CONSIDERING that some NMSs have expressed their interest in delegating to the Secretariat the licensing of the commercial activities in their territory,

WISHING to simplify and unify the licensing procedure for users to enhance the efficiency of the EUMETSAT licensing,

AGREE to amend Principle II of the EUMETSAT Principles on Data Policy, as adopted in Resolution EUM/C/98/Res. IV and amended in Resolution EUM/C/57/05/Res. III, as follows:

I Principle II shall read:

The NMSs of the Member States shall act as Licensing Agents on behalf and for the account of EUMETSAT for the purpose of granting access to real-time data to users, receiving the data within their respective national territories. In doing so, the NMSs will apply the EUMETSAT fees and conditions, agreed by the EUMETSAT Council. The NMSs of Member States may delegate to EUMETSAT the granting of access to real-time data for users within their respective territories.

II The above amendment shall take effect on 1 January 2012.

RESOLUTION ON
AMENDMENTS TO THE METEOSAT IMPLEMENTING RULES ON
DATA POLICY – ACCESS TO METEOSAT MDD MATERIAL
AND DCP CHANNELS

Adopted at the 72nd Meeting of the EUMETSAT Council
on 28-29 June 2011

The EUMETSAT Member States,

RECALLING that the current consolidated Meteosat Implementing Rules to the EUMETSAT principles on Data Policy – Access to Meteosat MDD Material and DCP Channels adopted by Council at its 70th meeting in June 2010 through Council Resolution EUM/C/70/10/Res. V,

CONSIDERING the objectives of EUMETSAT, which are to establish, maintain and exploit European systems of operational meteorological satellites, and to contribute to the operational monitoring of the climate and the detection of global climatic changes,

CONSIDERING that the DCP mission can provide additional benefits to the user community by including DCP stations that measure environmental parameters which are used to model climate changes and also help to protect human life and property,

RECOGNISING the importance of the EUMETSAT contribution to the global response that is being coordinated to meet the challenges of climate change,

TAKING INTO ACCOUNT that the objective of this policy is to ensure a correct use of the Meteosat DCP Channels in line with the spirit of WMO Resolution 40 (Cg-XII),

AGREE to abolish Council Resolution EUM/C/70/10/Res. V and to replace it as follows:

- I** the Implementing Rules on Access to Meteosat MDD Material and DCP Channels as defined in Resolution EUM/C/70/10/Res. V shall be replaced by the Implementing Rules on Access to Meteosat MDD Material and DCP Channels attached to this Resolution.
- II** The attached Implementing Rules on Access to Meteosat MDD Material and DCP Channels shall take effect on 1 July 2011.

IMPLEMENTING RULES TO THE EUMETSAT PRINCIPLES ON DATA POLICY – ACCESS TO METEOSAT MDD MATERIAL AND DCP CHANNELS

1. DEFINITIONS

The following definitions apply in addition to the relevant definitions contained in Annex I of Resolution EUM/C/98/Res. IV:

“Meteosat DCP”: Data Collection Platform for the use of Meteosat DCP Channels.

“Meteosat MDD Material”: Meteorological information and charts disseminated to the National Meteorological Services of WMO Member States.

“Meteosat DCP Channels”: Dedicated Meteosat Channels of communication operating at a radio frequency reserved for meteorological data collection.

2. OWNERSHIP AND INTELLECTUAL PROPERTY RIGHTS

1. EUMETSAT holds the full ownership and utilisation rights to the Meteosat DCP Channels and has full control over access to these Channels.
2. Ownership and Intellectual Property Rights to the MDD Material and to the data transmitted by the Meteosat DCP Channels are deemed to remain with the originator of the material or data.

3. ACCESS TO MDD MATERIAL

1. The NMSs of WMO Member States will have access to Meteosat MDD Material at no cost except for the cost of decryption key units.
2. ECMWF will have access to Meteosat MDD Material at no cost except for the cost of decryption key units.
3. Third parties which provide EUMETSAT with MDD Material will be given access to MDD Material on a quid pro quo basis, as decided by the EUMETSAT Council.
4. MDD Material is not available to any other users.
5. The use of MDD Material is subject to any conditions that may have been placed on its use by the originator of the material in accordance with WMO Resolution 40 (Cg-XII).

4. ACCESS TO METEOSAT DCP CHANNELS

1. Meteosat DCP Channels are available at no cost to NMSs of Member States for their Official Duty use, provided their messages are also made available through the Global Telecommunication System and discoverable in the WMO Information System (WIS).
2. Meteosat DCP Channels are also available at no cost for meteorological, geophysical and hydrological messages by NMSs of non-Member States, WMO and ECMWF provided they are also made available through the Global Telecommunication System and discoverable in the WMO Information System (WIS).

5. FINANCIAL MATTERS

EUMETSAT shall not be liable for the cost of the technical equipment of any user necessary to have access to the Meteosat MDD Material and DCP Channels. All users shall be required to reimburse EUMETSAT for the cost of providing them with decryption key units for the reception of Meteosat MDD transmissions.

RESOLUTION ON

**THE EUMETSAT POLAR SYSTEM SECOND GENERATION
PREPARATORY PROGRAMME (EPS-SG PP)**

**Presented for adoption at the 73rd Meeting of the EUMETSAT Council
on 5 October 2011 and adopted on 15 November 2012**

The EUMETSAT Member States,

HAVING REGARD to the objectives of EUMETSAT, which are to establish, maintain and exploit European systems of operational meteorological satellites, and to contribute to the operational monitoring of the climate and the detection of global climatic changes,

HAVING REGARD to the EUMETSAT Convention, which establishes that mandatory EUMETSAT programmes are the basic programmes required to continue the provision of observations from geostationary and polar orbits,

BEARING IN MIND that for the accomplishment of the EUMETSAT objectives in the Low Earth orbit, the first satellite of a second generation of the EUMETSAT Polar System (EPS-SG) should be available for a launch in 2019,

TAKING INTO ACCOUNT the approach and planning for the Phase A of the EPS-SG Programme submitted to the 68th meeting of the EUMETSAT Council (EUM/C/68/09/DOC/03),

BEARING IN MIND that the potential accommodation of the GMES Sentinel 5 payload on EPS-SG will be considered by the EUMETSAT Council in due course on the assumption that this accommodation is feasible within the EPS-SG System design margins and at no additional cost to EUMETSAT, in accordance with the Approach to implementation of Sentinel 4 and 5 on MTG and Post-EPS adopted by Council at its 64th meeting (EUM/C/64/08/DOC/08),

TAKING INTO ACCOUNT the Council Resolution EUM/C/70/10/Res. I on the Preparation of the EPS Second Generation in which Council inter alia agreed that the satellite configuration to be targeted in the Phase A activities of EPS-SG should be a two satellites configuration,

NOTING the progress of the Phase A studies for the establishment of the EPS-SG System,

RECALLING that the EUMETSAT EPS-SG activities are covered through the General Budget until completion of Phase A activities, and that there is a need to ensure the continued funding of EPS-SG activities from beginning of Phase B,

FOLLOWING the revised roadmap for the approval of the EPS-SG Programme submitted to the 73rd Council meeting (EUM/C/73/11/DOC/01),

IN ACCORDANCE WITH the Programme Proposal for the EPS-SG Preparatory Programme contained in document EUM/C/72/11/DOC/08 Rev.2,

IN CONFORMITY with Articles 3, 5 and 10 of the EUMETSAT Convention,

AGREE:

- I** To establish a Preparatory Programme for a EUMETSAT Polar System Second Generation (EPS-SG) commencing in May 2012 and lasting until the completion of all Phase B activities and the start of the full EPS-SG Programme, expected to be no later than end 2014.
- II** That the mission objectives, system description and Preparatory Programme content shall be as described in the EUMETSAT EPS-SG Preparatory Programme Definition attached to this Resolution.
- III** That the financial envelope of the Preparatory Programme shall amount to 40.91 MEUR at 2011 economic conditions, with an indicative payment profile of 5.92 MEUR in 2012, 17.30 MEUR in 2013, and 17.69 MEUR in 2014.
- IV** That, in order to improve value for money of the EPS-SG Programme, every effort should be made to ensure that the design lifetime of the satellites is optimised, and that overall flexibility regarding the schedule of launches is preserved.
- V** To make every effort to preserve flexibility to the extent possible in order to respond to potential departures from the currently foreseen payload or satellite configuration, such that the impact on the EPS-SG Programme is minimised.
- VI** To task the Director-General to exercise every effort to reduce cost for the full EPS-SG Programme.
- VII** To task the Director-General to maintain close contact with ESA with a view to ensuring a coordinated approval process of the EPS-SG Programme by both organisations and their respective Delegate Bodies.
- VIII** To task the Director-General with the preparation of the necessary cooperation agreements with the international partners ESA, NOAA, DLR and CNES to be submitted to Council for initial review in early 2012, and to be finalised in the context of the full EPS-SG Programme approval.
- IX** To task the Director-General with elaborating a Programme Proposal for the full EPS-SG Programme and related Resolution, and to submit them for Council consideration no later than autumn 2013.

EUMETSAT POLAR SYSTEM SECOND GENERATION

PREPARATORY PROGRAMME DEFINITION

1. GENERAL

The EUMETSAT Polar System (EPS) is Europe's first polar orbiting operational meteorological satellite system, and with its Metop satellites it is the European contribution to the Initial Joint Polar-Orbiting Operational Satellite System (IJPS). EPS started routine operation services in May 2007, and the series of three Metop satellites are expected to deliver observations and services until 2021. According to availability analyses, the first in-orbit element of the EUMETSAT Polar System Second Generation (EPS-SG) needs to be available in 2019 to ensure continuity to EPS.

The EPS-SG preparatory activities started in 2005 with the user consultation process established with Member States, aimed at capturing the needs of EUMETSAT users in the 2020-2035 timeframe and conducted in cooperation with the European Space Agency (ESA) as part of the Phase 0. Following the endorsement by the EUMETSAT Council of the Application Expert Groups Position Papers as outcome of the user consultation in 2006, the process led to the definition of the mission requirements for the EPS-SG candidate missions that were endorsed by Council in June 2009. Iterations with EUMETSAT's international partners ESA, NOAA, DLR and CNES on the definition of cooperation in the EPS-SG Programme have been ongoing since 2008.

2. MISSION OBJECTIVES AND CANDIDATE MISSIONS

The EPS-SG mission requirements baseline for the Phase A which started in January 2010 is the result of the user consultation process, the Mission Definition Review in autumn 2009 which closed the Phase 0, and the requirements de-scoping undertaken with the EPS-SG Mission Experts Team (PMET) until mid of 2010.

The selected mission concept for the EPS-SG Phase A encompasses a total of nine candidate observation missions, which are:

- **Infrared Atmospheric Sounding (IAS)** mission, providing hyper-spectral infrared sounding with a spectral resolution of 0.125 cm^{-1} within the spectral range from 645 to 2760 cm^{-1} at an average spatial sampling distance of 25 km ;
- **Visible/Infrared Imaging (VII)** mission, providing moderate-resolution optical imaging in >20 spectral channels ranging from 0.443 to $13.345 \mu\text{m}$ with a spatial sampling of 250 to 500 m ;
- **MicroWave Sounding (MWS)** mission, providing all-weather microwave sounding in the spectral range from 23.4 to 229 GHz , at a spatial sampling of 10 to 20 km ;
- **SCAtterometry (SCA)** mission, providing back-scattered signals in the 5.9 GHz band at a spatial resolution of 25 km ;
- **Radio Occultation sounding (RO)** mission, providing high vertical resolution, all-weather soundings by tracking GPS (Global Positioning System) and Galileo satellites;

- **MicroWave Imaging (MWI)** mission, providing precipitation and cloud imaging in the spectral range from 18.7 to 668 GHz at a spatial sampling from 8 km (highest frequency) to 12 km (lowest frequency);
- **Nadir-viewing Ultra-violet Visible Near-infrared shortwave infrared Sounding (UVNS)** mission, providing hyper-spectral sounding with a spectral resolution from 0.05 to 1 nm within the spectral range from 0.27 to 2.4 μm at a spatial sampling of 15 km;
- **Multi-viewing Multi-channel Multi-polarisation imaging mission (3MI)**, providing moderate resolution aerosol imaging in the spectral region ranging from ultra-violet (0.342 μm) to short-wave infrared (2.13 μm), at a spatial sampling of 2 to 4 km;
- **Radiant Energy Radiometry mission (RER)**, providing earth radiation budget measurements in three bands of the solar and terrestrial spectral domains with a spatial sampling of 10 km.

A priority ranking has been assigned to the EPS-SG candidate missions with the rank “very high” for the IAS, VII, MWS and SCA missions, rank “high” for the RO mission, rank “medium” for the MWI, UNVS and 3MI missions, and rank “low” for the RER mission.

3. EPS-SG SYSTEM CONCEPT

The EPS-SG system concept encompasses the following characteristics:

- Designed to constitute the European contribution to the Joint Polar System with the U.S.A. (mid-morning orbit);
- Space Segment based on a two satellites in-orbit configuration;
- Strong heritage from EPS continuity missions;
- Accommodation and operations of GMES Sentinel 5 instruments;
- Satellite development based on maximum reuse of existing technologies;
- Distribution of Ground Segment capabilities, including the assets of the EUMETSAT Satellite Application Facilities (SAF Network);
- Reliance on evolution of available data acquisition capabilities (i.e. Svalbard and Antarctica stations);
- Provision of global and regional downlink capabilities;
- Re-use of EUMETSAT infrastructures, taking into account the EPS heritage and multi-mission reusable elements;
- Compatibility with more than one launcher.

The EPS-SG satellites will fly in a sun synchronous, low earth orbit, at 817 km altitude and 09:30 descending equatorial crossing time (mid-morning orbit). The two satellites will be separated from each other within the orbit of typically 25 minutes, in order to separate visibility periods and perform routine operations from the same ground station(s).

4. PREPARATORY PROGRAMME CONTENT

The EPS-SG Preparatory Programme covers the EUMETSAT activities associated with the EPS-SG Phase B starting in May 2012, up to the completion of the Phase B activities end 2014.

It is assumed that all activities following the PDR will be covered under the full EPS-SG Programme, covering the EPS-SG Phases C/D/E.

Phase B will focus on the consolidation of the requirements for the EPS-SG system, and their justification via their detailed analyses and trade-off, to derive necessary design elements, in line with programmatic constraints (schedule and costs). These activities will allow the system to be subsequently developed, produced, operated and maintained.

During Phase B, an incremental system requirements review process will be conducted at system level and space segment level, taking into account the needs of the ESA Space Segment Phase B, of the EUMETSAT Ground Segment studies, and of the cooperation with the international partners.

The Phase B activities are formally closed by the Preliminary Design Review (PDR).

5. IMPLEMENTATION

The main activities planned during the EPS-SG Preparatory Programme will consist of:

- Preparatory Programme Management:
 - Management
 - Project Control and Planning

- System and Operations Preparation
 - System Management
 - End User Activities
 - System Engineering
 - System Definition and Development
 - Meteorological Products Activities
 - Operations Preparation
 - System Integration and Verification and Validation
 - External Services (Launch Services Activities and LEOP Services Activities)

- Satellites Activities

- Instruments Activities
 - Instruments with Existing Design
 - New Instruments

- Ground Segment Activities

- Quality Assurance