

**Memorandum of Understanding
on
Satellite Monitoring
within CEPT**

June 2002

Preamble

This Memorandum of Understanding (MoU) provides the possibility for any Administration of the European Conference of Postal and Telecommunications (CEPT) to access and undertake satellite monitoring activities under the conditions of this MoU.

Due to the highly specialised and costly nature of satellite monitoring facilities, it is agreed that it is appropriate to establish a European common approach to make the Leeheim monitoring earth station facilities available to all CEPT administrations having signed this MoU. The aim of this MoU is to create a common understanding and to provide a cooperation among the signatories for attaining measurement results for their own purposes.

Chapter I General

Section 1

Purpose and Scope

1.1 This MoU establishes a procedure on satellite monitoring based on a non-profit making funding and a common management of satellite monitoring activities within the CEPT.

1.2 These satellite-monitoring activities comprise:

- (a) Monitoring of the compliance of space station technical characteristics to those registered at ITU;
- (b) Regular and systematic observation of the radio-frequency spectrum, including pfd limits as indicated in the Radio Regulations, with the aim of detecting and identifying space station emissions and recording their characteristics;
- (c) Determination of transponder occupancy and percentage of occupation or detection of paper satellites respectively;
- (d) Investigation of harmful interference in co-operation, if necessary, with terrestrial monitoring stations and/or other monitoring earth stations;
- (e) Measurements and recording for technical and scientific projects;
- (f) Measurements in conjunction with the introduction of new space radio communication applications in order to ensure the compatibility with existing terrestrial applications;
- (g) Detection of the illicit use of transponders and identification of unauthorised transponder users;
- (h) Pre-launch-monitoring;
- (i) Other spectrum monitoring activities regarding space services.

Section 2

Definitions

For the purpose of this MoU, the following definitions apply:

MoU on Satellite Monitoring

Account:	A separate account opened and maintained by the ERO under the terms of this MoU;
Administrative Fee:	Amount of money for the administration of this MoU by ERO.
European Monitoring Fund:	Amount of money at disposal for measurements in support of CEPT.
Station Fee:	Amount of money, which is designated to the Operator, to partly cover the costs for the provision and maintenance of the Station
Management Committee:	The committee of representatives of the Signatories and the ERO in accordance with Section 11;
Operator:	The German Regulatory Authority for Telecommunications and Posts, which runs the Station.
Signatories:	CEPT Administrations that have signed this MoU.
Station:	The monitoring earth station located in Leeheim, Germany

Section 3

Basic Principles

3.1 Signatories can task the Operator with measurement tasks mentioned under Section 1.2. The tasking Signatory is liable for the corresponding payment.

3.2 The ERO provides administrative support as described in Section 9 in processing this MoU including the placing of orders (Section 4) and the execution of financial transactions (Sections 6 and 7) in accordance with the Administrative Arrangement agreed between the Signatories and the ERO and annexed to this MoU (Annex 4).

3.3 The Signatories will pay annually contributions, in accordance with Section 10.1, in order to fund:

- (a) The Administrative Fee, and
- (b) The European Monitoring Fund.

3.4 The Signatories except the Operator's Administration will pay annually contributions, in accordance with Section 10.2, in order to partly fund the provision and maintenance of the Station (Station Fee).

3.5 The Management Committee comprising the Signatories is responsible for the management and further developments in the scope of this MoU. ERO also participates in the Management Committee meetings without the right to vote.

Chapter II Procedures

Section 4 Placing of Orders

- 4.1 Signatories can place orders in written form with ERO according to the tasks mentioned under Section 1.2.
- 4.2 CEPT Working Groups can propose orders to the ERO, which have to be approved by the Management Committee.
- 4.3 ERO transcribes these orders promptly in orders under ERO's own name and forwards them to the Operator.
- 4.4 The Operator confirms in writing promptly to the ordering Signatory or the ERO the receipt of the order specifying the operator's reference number and the expected beginning of the processing.
- 4.5 On request of the Signatory or ERO the Operator will provide a cost estimate.
- 4.6 In exceptional cases, measurements involving the European Monitoring Fund can be requested by the Management Committee from another station, in particular if the Station cannot undertake the task in question.

Section 5 Execution of Orders

- 5.1 The Operator is responsible for conducting the measurements at the Station. After prior agreement, representatives of a Signatory may be present at the Station in order to witness the measurements they have ordered.
- 5.2 For the execution of orders the following priority rules apply:
- (a) Requests for measurements from Signatories or ERO and other users with whom similar agreements exist will be classed as priority 1 or 2 and will be processed within each class of priority in order of receipt.
 - (b) Requests concerning interference into safety of life services or fixed time requests, which cannot be postponed due to external involvement and/or long term planning as negotiated in advance, will be classed as priority 1. All other requests will be classed as priority 2. Priority 1 requests will be processed first and can be requested by means of fax or electronic mail directly from the Operator with immediate confirmation according to Section 4.4.
 - (c) However, measurements for the Federal Republic of Germany, which cannot be postponed, will in individual cases take priority over any other measurements, which have not been concluded. In that case the Operator will inform the relevant Signatories and ERO of any delay, which have the possibility to modify or to cancel their initial orders.
- 5.3 The Operator will compile a final report and forward it directly to the requesting Signatory or to ERO.

Section 6

Invoicing

6.1 After completion the operator will invoice the ERO. The invoice is calculated on the basis of the personnel and equipment costs, in accordance with Annex 2.

6.2 If a Signatory has requested the measurements, ERO sends the invoice promptly to the Signatory under ERO's own name.

6.3 If the Management Committee has requested the measurements, ERO addresses a copy of the invoice promptly to the Management Committee under ERO's own name and seeks acceptance of the measurement results by the relevant CEPT working group.

Section 7

Payments

7.1 If there are no objections against the invoice mentioned in 6.2 the relevant Signatory has to transfer the amount as soon as possible and at least within 60 days after receipt of the invoice into the Account. The same period applies to the ERO for the invoice mentioned in 6.3 if no objection is received from Management Committee members within 45 days after receipt of the copy of the invoice.

7.2 Thereafter ERO transfers the amount without undue delay to the Operator.

7.3 Immediately following the entry into force of the MoU and then on each anniversary, each Signatory will receive an invoice from the ERO for its annual contribution in accordance with Annexes 1 and 2, which must be paid within 60 days.

7.4 At any time following entry into force, when any new Administration signs the MoU, it will receive an invoice from the ERO for that full year's cost in accordance with Annexes 1 and 2. This must be paid within 60 days.

7.5 Any additional monies received by the ERO in any given year above that budgeted for will be held in the Account and used to reduce the contributory unit cost for each Signatory in the following year.

7.6 The paying party will pay any bank charges due for remittances abroad. Any charges incurred by the ERO will be borne by the Account.

Section 8

Dispute settlement

8.1 If the final report is found insufficient or if the invoice is found incorrect the relevant Signatory or the Management Committee will contact the Operator directly for finding a resolution and informs ERO thereof.

8.2 If no resolution can be achieved within 30 days the dispute will be submitted to conciliation in accordance with Section 12.

8.3 For the period of dispute settlement or conciliation the relevant payments are suspended.

Chapter III

Section 9

Administrative Support by ERO

9.1 Without affecting any other mentioned commitments, in particular commitments of Sections 4 on placing of orders and 6 and 7 on invoicing and payment, ERO provides the following administrative services, within the Administrative Fee:

- (a) opening and maintaining the Account;
- (b) archiving of the MoU;
- (c) registration of the Signatories;
- (d) hosting and supporting Management Committee meetings and writing the minutes;
- (e) filing of Management Committee documents;
- (f) filing the Station Handbook and putting the up-to-date version on the ERO server;
- (g) distribution of the MoU to potential Signatories;
- (h) transaction and surveillance of all payments related to the Account;
- (i) providing a financial report to the Management Committee meetings;
- (j) contracting with other stations according to Section 4.6, if necessary .

Chapter IV

Section 10

Financing of common costs

10.1 The Signatories contribute to the Administrative Fee and the European Monitoring Fund on the basis of the contributory units in accordance with Annexes 1 and 2.

10.2 The Signatories except the Operator's Administration contribute to the Station Fee on the basis of the contributory units in accordance with Annexes 1 and 2.

Chapter V

Section 11

Management Committee

11.1 The members of the Management Committee are the Signatories and ERO.

11.2 The Management Committee designates its chairman, adopts its rules of procedures and convenes at least once a year.

11.3 The Management Committee will:

- (a) evaluate reports and proposals from ERO and the Signatories;
- (b) verify the usefulness of forms and operations layouts and propose modifications, if necessary;
- (c) decide annually on the Administrative Fee, the European Monitoring Fund, the Station Fee and the Hourly Rates for the next year up to a total increase of 10% and amend Annex 2 accordingly,

MoU on Satellite Monitoring

- (d) approve the accounts of the previous year;
- (e) resolve on adoptions and modifications of the Station Handbook;
- (f) negotiate tasks to be performed by the Operator;
- (g) establish recommendations, if necessary, to improve Station capabilities;
- (h) decide on tasks given to other monitoring earth stations.

11.4 Decisions of the Management Committee will be reached by consensus as far as possible. If consensus cannot be reached a decision will be taken by a two thirds majority of the weighted votes cast. The weighting of the individual votes of the Signatories will be in accordance with Annex 1. ERO does not have the right to vote.

11.5 For all decisions of the Management Committee, a quorum must exist at the time when the decision is made which is equivalent to at least two thirds of the total weighted votes of Signatories.

11.6 The fees referred to in Section 11.3 (c) can increase by more than 10% if decided unanimously by the Signatories.

Chapter VI Final Provisions

Section 12

Conciliation

12.1 Any dispute concerning the interpretation or application of this MoU and its Annexes, which is not settled by the good offices of the Management Committee, will be submitted by the parties concerned to conciliation in accordance with the arbitration procedure of the ERO Convention.

Section 13

Liability

13.1 The Operator is liable to ERO and Signatories for any damages from grossly negligent or wilful violation of the present MoU not exceeding 1,000,000 (one million) euros.

13.2 As long as sufficient funds do not exist in the Account to fully make a payment under the terms of this MoU, the ERO will not be required to make such payment.

13.3 The ERO agrees to pay all fees or penalties arising from the ERO's inability to ensure payments to the Operator, once ERO has received the payments that have been invoiced to a Signatory.

Section 14

Entry into Force

14.1 The MoU is open for signature with effect from 6 June 2002.

14.2 This MoU will enter into force on the first day of the first month following the date on which the signatures of the Administrations including the Operator's Administration, representing in total at least 110 Contributory Units have been deposited at ERO.

14.3 The MoU will stay in force as long as sufficient funding is available and as long as the Operator's Administration remains a Signatory to the MoU.

Section 15

Deposit

15.1 This MoU consists of the MoU itself and 4 annexes.

15.2 The original of this MoU and its amendments will be deposited in the archives of the ERO, which will provide a copy of the original of this MoU to each of the Signatories.

Section 16

Denunciation

16.1 A Signatory may denounce this MoU by written notification to ERO. Such denunciation shall be received by ERO at least 12 months before the anniversary date of entry into force of the MoU and will become effective on that anniversary.

16.2 ERO will inform the Signatories about any denunciation.

16.3 The denouncing party has no claims on the amounts on the Account.

Section 17

Amendments

17.1 The Management Committee may adopt amendments to the MoU according to the provisions of Section 11.4 and 11.5 of the MoU and if the proposals to amend the MoU is supported by at least 25% of the total weighted votes of all Signatories.

17.2 If consensus cannot be reached on the amendments of the MoU, a decision will be taken by the Management Committee by a two thirds majority of the weighted votes cast.

17.3 The amendments will enter into force for all Signatories on the first day of the third month after the ERO has notified the Signatories of the receipt of written acceptance or approval of the amendments from Signatories representing at least 80% of the total weighted votes of all Signatories.

17.4 The Management Committee may modify annually Annex 2 of the MoU according to Sections 11.4 and 11.6.

MoU on Satellite Monitoring

IN WITNESS WHEREOF the undersigned representatives of CEPT Administrations, having been duly authorised thereto, have signed the MoU on Satellite Monitoring.

For the Administration of the Federal Republic of Germany	
For the Administration of France	
For the Administration of the Netherlands	
For the Administration of Switzerland	
For the Administration of the United Kingdom	
For the Administration of Spain	
For the Administration of Turkey	
For the Administration of	
For the Administration of	
For the Administration of	

Annexes

- Annex 1 Number of Contributory Units**
- Annex 2 Budget and Cost Elements Including Hourly Rates**
- Annex 3 Description of the Station**
- Annex 4 Administrative Arrangement with ERO**

**Number of Contributory Units to be Used as a Basis
for Financial Contributions and in Weighted Voting**

25 Units:	France Germany Italy	Spain United Kingdom
15 Units:	Sweden Switzerland	
10 Units:	Austria Belgium Denmark Finland Greece	Netherlands Norway Portugal Russian Federation Turkey
5 Units:	Ireland	Luxembourg
1 Unit:	Albania Andorra Azerbaijan Bosnia and Herzegovina Bulgaria Croatia Cyprus Czech Republic Estonia Hungary Iceland Latvia Liechtenstein	Lithuania Former Yugoslav Rep. of Macedonia Malta Moldova Monaco Poland Romania San Marino Slovak Republic Slovenia Ukraine Vatican City

This annex will be updated with any changes made to Article 19 of the CEPT Rules of Procedure.

PART 1: Costs for the year 2002**1 – DETAILS OF THE COSTS****1.1 Administrative Fee (AF)**

▪ Amount	15.000 €
▪ Minimum contributory units (all Signatories)	110
▪ Value of the contributory unit	$15.000/110 = 136 \text{ €}$

1.2 European Monitoring Fund (EMF)

▪ Amount	60.000 €
▪ Minimum contributory units (all Signatories)	110
▪ Value of the contributory unit	$60.000/110 = 545 \text{ €}$

1.3 Station Fee (SF)

▪ Amount	250.750 €
▪ Minimum contributory units (all signatories except for the Operator's Administration)	85
▪ Value of the contributory unit	$250.750/85 = 2950 \text{ €}$
	<u>+German VAT: 472 €</u>
	Total: 3422 €

1.4 Hourly Rates

For measurements according to Section 4 and the invoices according to Section 6 of the MoU for the first year the following rates apply:

- (a) Personnel costs: 75 € (per hour begun)
12 € (German VAT for Signatory orders)
 87 € (Total cost for Signatories)
- (b) Equipment costs: 200 € (per hour begun)
32 € (German VAT for Signatory orders)
 232 € (Total cost for Signatories)

2 – EXAMPLES OF CALCULATION OF THE ANNUAL CONTRIBUTION FOR THE SIGNATORIES ACCORDING TO ANNEX 1

2.1 Countries with 25 contributory units (e.g. France)

AF	136 x 25 =	3400 €
EMF	545 x 25 =	13625 €
SF	2950 x 25 =	73750 €
German VAT on SF	=	<u>11800 €</u>

Total: 102575 €

2.2 Countries with 15 contributory units (e.g. Switzerland)

AF	136 x 15 =	2040 €
EMF	545 x 15 =	8175 €
SF	2950 x 15 =	44250 €
German VAT on SF	=	<u>7080 €</u>

Total 61545 €

2.3 Countries with 1 contributory unit (e.g. Poland)

AF	136 x 1 =	136 €
EMF	545 x 1 =	545 €
SF	2950 x 1 =	2950 €
German VAT on SF	=	<u>472 €</u>

Total 4103 €

2.4 The Operator's Administration : (i.e. Germany with 25 contributory units)

AF	136 x 25 =	3400 €
EMF	545 x 25 =	13625 €
SF	=	<u>0</u>
Total		17025 €

NOTE

The total dues mentioned above are to be paid before any orders of measurements are made.

PART 2: Operational Costs for the Leeheim station**(Year 2000)****CAPITAL COSTS**

Measurement equipment incl. Software	703 178 €
Civil works	0 €
Total of capital costs	703 178 €

RUNNING COSTS

Building	78 041 €
Hardware maintenance	70 366 €
Software support	13 171 €
Staff costs incl. overheads	386 535 €
Total of running costs	548 113 €

TOTAL COSTS	1 251 291 €
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Specifications of the Station in the year 2001

1 System characteristics

The Station will make the measurements according to Section 1 of the MoU with the following antennas and system characteristics:

SYSTEM CHARACTERISTICS OF LEEHEIM MONITORING EARTH STATION

Location : 08°23'50" E 49°51'15" N
Visible geostationary arc : 67° W to 83° E

Parameter	Antenna 1	Antenna 2	Antenna 3
Frequency bands [GHz]	1.5 - 1.8 2.1 - 2.3 4.3 - 8.5 10.70 - 12.75	3.2 - 4.2	0.13 - 1.0
Type of antenna	Cassegrain	Cassegrain	Dipole array
Antenna diameter [m]	12	8.5	-
Antenna gain [dBi]	44 - 63	47.7 - 50.5	10 - 18
Half-power beamwidth [°]	0.9 - 0.1	0.8 - 0.5	60 - 18
Figure of merit G/T [dBK ⁻¹]	17 - 36	25.5 - 29	-
Max. speed of antennas: - Azimuth [°/s] - Elevation [°/s] Max. acceleration [°/s ²]	16 3.5 10	5 5 5	10 10 10
Antenna steering	Manual, computer-controlled, autotracking (with the exception of the band 4.3 - 8.5 GHz)	Manual, computer-controlled	Manual, computer-controlled
Polarisation	Autotracking of ellipticity and major axis of received signal	RHC, LHC	Autotracking of ellipticity and major axis of received signal
Doppler shift elimination [kHz]	±40	±40	±40
Measurement accuracies: - Power flux density [dB] - Frequency	±1 1*10 ⁻⁹	±1 1*10 ⁻⁹	±1.5 1*10 ⁻⁹

2 Measurable emission characteristics

The facilities enable the following satellite emission characteristics to be measured:

frequency,
bandwidth/spectrum,
polarisation,
power flux density relative to a reference bandwidth,
effective isotropically radiated power (e.i.r.p.),
position,
ephemeris data.

3 Special features

All of the antennas have a high steering velocity which enables low earth orbiting (LEO) space stations to be monitored.

Geostationary space station positions can be determined in the frequency bands covered by Antenna 1 in which monopulse tracking is provided.

If an unknown non-geostationary space station can be tracked using monopulse tracking, the angle measurement results are used to calculate the ephemeris data.

Analysers performing fast Fourier transformations are available to analyse modulation and emission characteristics.

Bandwidth measurements are based on the definition according to RR 1.152 of the Radio Regulations.

If emissions do not have a characteristic frequency, the transmitting frequency is taken to be the centre frequency of the occupied bandwidth.

Polarisation tracking enables the polarisation to be measured even if it continually varies. The ellipticity and position of the major axis are measured in all frequency bands covered by Antennas 1 and 3.

4 Spectrum occupancy recorder

A spectrum occupancy recorder connected to non-directional antennas is used for frequency occupancy analyses in the band 100 - 1000 MHz. Up to 6 frequency bands can be chosen freely and scanned in quick succession for occupancy by emissions from stations.

5 Future developments

As future developments take place further updates of the specifications of the Station can be found in the Station Handbook.

The European Radiocommunications Office

- in favour of-

**Satellite Monitoring
Management Committee**

**ARRANGEMENT FOR THE PROVISION OF
ADMINISTRATIVE SERVICES**

in relation to the
Memorandum of Understanding on
Satellite Monitoring

This **ARRANGEMENT FOR THE PROVISION OF ADMINISTRATIVE SERVICES** is made on the 6th of June 2002

by

The European Radiocommunications Office of Peblingehus, Nansensgade 19,
DK-1366 Copenhagen, Denmark (the "ERO")

in favour of

The **MANAGEMENT COMMITTEE** as provided for in the Memorandum of Understanding on Satellite Monitoring

WHEREAS:

- (A) A memorandum of understanding (the "MoU"), which establishes the basis for non-profit making funding and management of a project concerning Satellite Monitoring was prepared and opened for signature with effect from 6th June 2002 by administrations of the CEPT countries;
- (B) The management of the MoU, in accordance with Section 3.5 of the same, is to be undertaken by the Management Committee;
- (C) The ERO now undertakes to provide the services (the "Administrative Services") detailed in Section 9 of the MoU on behalf and for the benefit of the Management Committee; and
- (D) For the purpose of providing the Administrative Services, of clarifying the duties, rights and obligations of the ERO with respect to the MoU, and of facilitating the ERO's ability to provide the Administrative Services, the ERO hereby executes this Arrangement (the "Arrangement").

THE ERO NOW UNDERTAKES as follows:

1 Definitions and interpretation

1.1 Words and expressions defined in the MoU shall unless the context otherwise requires, have the same meanings when used in this Arrangement.

1.2 The ERO provides administrative support in processing the MoU as described in this arrangement. All work performed by ERO under the terms of this Arrangement will be covered by the Administrative Fee.

1.3 The Account is defined as the account held at Nordea Bank in the name of: ERO-SatMoU, Account Number: 5005 998 850, Registration Number: 0111.

2 Administrative Support by ERO

2.1 ERO provides the following Administrative Services, within the Administrative Fee:

- (a) opening and maintaining the Account;
- (b) archiving of the MoU;

- (c) registration of the Signatories;
- (d) hosting and supporting Management Committee meetings and writing the minutes;
- (e) filing of Management Committee documents;
- (f) filing the Station Handbook and putting the up-to-date version on the ERO server;
- (g) distribution of the MoU to Signatories and potential Signatories;
- (h) transaction and surveillance of all payments related to the Account in accordance with Section 3 of this Arrangement;
- (i) providing a financial report to the Management Committee meetings in accordance with Section 4 of this Arrangement;
- (j) contracting with other stations according to Section 4.6 of the MoU, if necessary;
- (k) informing the Signatories about any denunciation.

3 Payments

3.1 As long as sufficient funds do not exist in the Account to fully make a payment under the terms of this arrangement, the ERO will not be required to make such payment.

Single Measurements

3.2 Signatories and CEPT Working Groups can place orders in written form with ERO, whereby the Management Committee shall approve all orders not coming from Signatories.

3.3 ERO transcribes these orders promptly in orders under ERO's own name and forwards them to the Operator. The ERO may require the Operator to provide a cost estimate.

3.4 After completion of the task the Operator will invoice the ERO.

3.5 If a Signatory has requested the measurements, ERO sends the invoice promptly to the Signatory under ERO's own name.

3.6 If the Management Committee has requested the measurements, ERO addresses a copy of the invoice promptly to the Management Committee under ERO's own name and seeks acceptance of the measurement results by the relevant CEPT working group.

3.7 If there are no objections against the invoice mentioned in Section 3.4 of this Arrangement, the relevant Administration has to transfer the amount as soon as possible and at least within 60 days after receipt of the invoice into the Account. The same period applies to the ERO for the case mentioned in Section 3.6 of this Arrangement, if no objection is received from Management Committee members within 45 days after receipt of the copy of the invoice.

3.8 Thereafter ERO transfers the amount within 10 working days to the Operator. Any charges incurred by the ERO will be borne by the Account with the exception of Section 3.10 of this Arrangement.

3.9 For the period of dispute settlement or conciliation the relevant payments are suspended.

3.10 The ERO agrees to pay all fees or penalties arising from the ERO's inability to ensure payments to the Operator, once ERO has received the payments that have been invoiced to a Signatory.

Annual Contributions

3.11 Immediately following the entry into force of the MoU and then on each anniversary, each signatory Administration shall receive an invoice from the ERO for its annual contribution in accordance with Annexes 1 and 2 of the MoU, which must be paid to the Account within 60 days.

3.12 At any time following entry into force, when any new Administration signs the MoU, it will receive an invoice from the ERO for that full year's cost in accordance with Annexes 1 and 2 of the MoU. This must be paid to the Account within 60 days.

3.13 Any additional monies received by the ERO in any given year above that budgeted for will be held in the Account and used to reduce the contributory unit cost for each signatory Administration in the following year.

3.14 The Station Fee shall be paid to the Operator from the Account within 10 days after sufficient monies have been received in accordance with Section 3.11 of this Arrangement.

3.15 The Administrative Fee shall be paid to the ERO from the Account on an annual basis at the same time the Station Fee is paid to the Operator.

4 Financial report

4.1 The ERO shall provide the Management Committee with a financial report concerning the transactions that have been made on the Account at the first meeting of the Management Committee after the completion of the relevant fiscal year.

4.2 The ERO shall have the Account audited at the request of the Management Committee and at the expense of the Account.

4.3 The ERO shall provide the Management Committee with a report on the proposed Administration Fee for the following fiscal year at the ultimate meeting before the start of that fiscal year.

5 Duration of the Arrangement

5.1 The period of duration of this Arrangement will correspond to the duration of the MoU in accordance with Section 14.3 of the same.

6 Modification and Denunciation

6.1 The ERO may stop the execution of this Administrative Arrangement or may propose changes to it by written notification to the Management Committee. Such notification shall be received by the Management Committee at least 12 months before the anniversary date of entry into force of the MoU and shall become effective on that anniversary.

7 Law of Arrangement

7.1 This Arrangement will be governed by and construed in accordance with the laws of Denmark.

This Arrangement has been duly executed by the authorised representatives of the ERO on the date set out above.

EXECUTED by
European Radiocommunications Office

Thormod Boe
Director