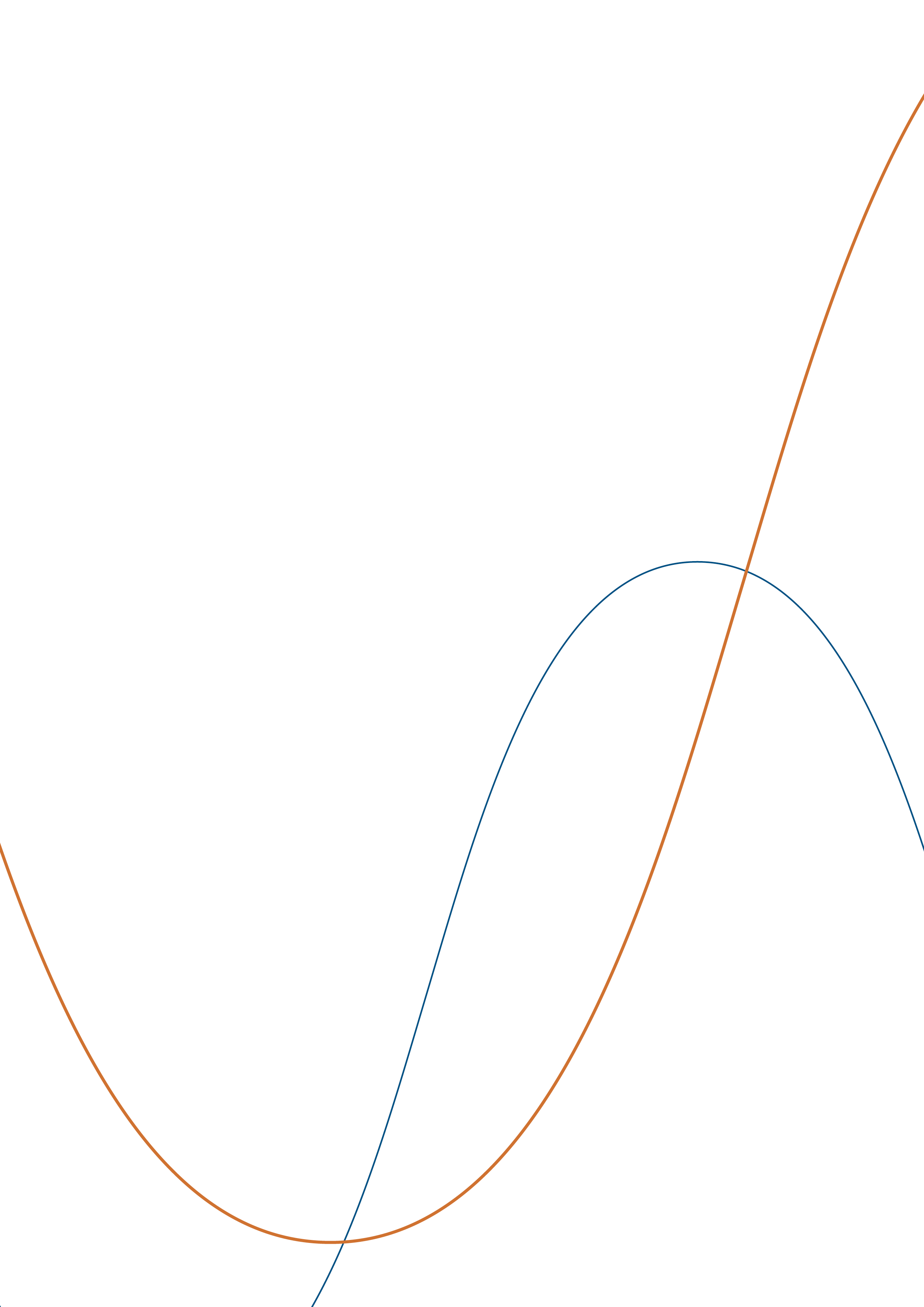
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WRC-27

Rev. 01

Februar 2025

Innledning

ITU World Radiocommunications Conference (WRC) arrangeres hvert tredje til fjerde år. En WRC skal gå igjennom Radioreglementet (RR) og dersom det finnes nødvendig reviderer denne. Eventuelle revideringer skal skje på bakgrunn av en agenda. Agendaen for en kommende WRC blir foreslått av den forrige WRC-en og blir endelig godkjent av ITU Council. Mellom konferansene er det en studieperiode der det gjøres tekniske og regulatoriske studier for å komme frem til metoder for å løse agendapunktene. Disse forberedelsene foregår i ITU med bidrag fra medlemsstater og sektormedlemmer (interesseorganisasjoner, kommersielle selskap osv.). Agendaen for WRC-27 finnes i [Resolution **813** (WRC-23)](https://www.itu.int/dms_pub/itu-r/oth/0c/0a/R0C0A0000110038PDFE.pdf).

Agendaen og relevante resolusjoner er samlet på [denne siden hos ITU.](https://www.itu.int/en/ITU-R/study-groups/rcpm/Pages/wrc-27-studies.aspx)

Internt i CEPT blir det også gjort forberedende arbeid. Dette arbeidet har som mål å komme frem til felles-europeiske forslag til løsning av agendapunktene til konferansen. En del av det interne bidraget i CEPT går også inn som bidrag til arbeidet i ITU.

Dette dokumentet er ment som en oversikt over forberedelsesarbeidet som foregår i CEPT fram mot WRC-27. Dokumentet blir oppdatert periodisk etter hvert som forberedelsene i CEPT skrider frem. All dokumentasjon av arbeidet i CEPT er fritt tilgjengelig på [CEPT sin hjemmeside](http://www.cept.org/ecc/groups/ecc/cpg/client/introduction/).

**Organiseringen av CEPT sine forberedelser fram mot WRC-27**

Forberedelsene i CEPT foregår i en arbeidsgruppe som kalles Conference Preparatory Group (CPG). CPG har ansvaret for å utarbeide felles europeiske standpunkt spesielt for WRC, ITU Radiocommunication Assemblies (RA) og ITU Conference Preparatory Meeting (CPM).

Arbeidet foregår i forskjellige undergrupper, PT A, PT B og PT C, samt eksisterende gruppe PT 1, inndelt etter tema. Disse undergruppene utfører tekniske studier, lager utkast til CEPT Brief, lager foreløpig CEPT standpunkt, lager utkast til European Common Proposal (ECP) og har en koordinerende rolle for CEPT i andre relevante møter i ITU-R. Undergruppene til CPG rapporterer opp til CPG som har det endelige ansvaret for å lage CEPT Brief og ECP. CPG har også kontakt med organisasjoner utenfor CEPT, det være seg regionale organisasjoner, administrasjoner utenfor CEPT og andre interesseorganisasjoner. Hensikten med slik kontakt er innsamling av informasjon og påvirkning.

**PT A** – Agendapunktene som er av interesse for vitenskap.

**PT B** – Agendapunktene som dreier seg om tekniske og regulatoriske problemstillinger knyttet til satellittkommunikasjon.

**PT C** – Agendapunktene knyttet til mobil satellitt tjeneste, agendaen for neste WRC og de punktene som til stor grad er av regulatorisk karakter..

**PT 1** – Agendapunktene knyttet til IMT.

Som nevnt ovenfor, skal arbeidsgruppene lage utkast til CEPT Brief og ECP. Som navnet tilsier, skal et CEPT Brief gi en orientering om ett agendapunkt. Mer spesifikt skal det inneholde informasjon om:

* Hva ett agendapunkt handler om og konkret hva agendapunktet spør etter, da teksten i ett agendapunkt ofte ikke er tydelig
* Foreløpig CEPT standpunkt
* Bakgrunnsinformasjon om agendapunktet som f.eks. relevante ITU, CEPT og EU dokument
* Hva som bør gjøres videre i forberedelsesarbeidet
* Kort informasjon om standpunkt til andre regionale organisasjoner, administrasjoner utenfor CEPT og andre interesseorganisasjoner.

Agendapunktene knyttet til et WRC kan sees på som ett sett med problemstillinger som har flere mulige løsninger. ECP er CEPT sitt forslag til løsning av ett agendapunkt. CPG skal komme frem til ett felleseuropeisk standpunkt forslag som flest mulig CEPT medlemmer kan skrive under på og gi sin støtte til på WRC (og RA). ECP-en består av en liten introduksjon som sammenfatter forslaget og en del som, ord for ord, foreslår slettinger eller tilføyelser i Radioreglementet og tilhørende rekommandasjoner og resolusjoner.

Fordeling av agendapunkter i CPG

Overlappende agendapunkter for WRC-27

Tabell 1: Overlappende frekvensbånd som studeres

|  |  |
| --- | --- |
| Frekvensbånd | WRC-27 Agendapunkt |
| 1 427-1 432 MHz  1 645,5-1 646,5 MHz  1 880-1 920 MHz | **1.12 –** **Lav-datarate NGSO MSS** (4C / PT C)  **1.13 – MSS i IMT bånd** (4C / PT C) |
| 1 518-1 544 MHz  1 545-1 559 MHz  1 610-1 645,5 MHz  1 646,5-1 660 MHz  1 670-1 675 MHz | **1.11 – L-bånd inter-satellitt linker** (4C / PT C)  **1.13 – MSS i IMT bånd** (4C / PT C) |
| 2 010-2 025 MHz | **1.12 – Lav-datarate NGSO MSS** (4C / PT C)  **1.13 – MSS i IMT bånd** (4C / PT C)  **1.14 – Ytterligere MSS allokeringer** (4C / PT C) |
| 2 120-2 160 MHz  2 160-2 170 MHz | **1.13 – MSS i IMT bånd** (4C / PT C)  **1.14 – Ytterligere MSS allokeringer** (4C / PT C) |
| 2 483,5-2 500 MHz | **1.11 – L-bånd inter-satellitt linker** (4C / PT C)  **1.13 – MSS i IMT bånd** (4C / PT C)  **1.15 – Måne allokeringer** (7B / PT A) |
| 2 400- 2 483,5 MHz  2 500-2 690 MHz | **1.13 – MSS i IMT bånd** (4C / PT C)  **1.15 – Måne allokeringer** (7B / PT A) |
| 7 190-7 235 MHz | **1.7 – IMT bånd** (5D / PT 1)  **1.15 – Måne allokeringer** (7B / PT A) |
| 8 450-8 500 MHz | **1.15 – Måne allokeringer** (7B / PT A)  **1.19 – EESS (passiv) SST** (7C / PT A) |
| 42,5-43,5 GHz | **1.6 – Likeverdig tilgang** (4A / PT B)  **1.16 – Radiostille soner fra NGSO** (7D / PT A) |
| 47,2-50,2 GHz  50,4-51,4 GHz | **1.1 – ESIM til GSO/NGSO** (4A / PT B)  **1.6 – Likeverdig tilgang** (4A / PT B) |
| 71-76 GHz | **1.10 – pfd/eirp-grenser i V/W-bånd** (5C / PT B)  **1.16 – Radiostille soner fra NGSO** (7D / PT A)  **1.18 – EESS (passiv) og RAS** (7C og 7D / PT A) |
| 81-86 GHz | **1.10 – pfd/eirp-grenser i V/W-bånd** (5C / PT B)  **1.18 – EESS (passiv) og RAS** (7C og 7D / PT A) |
| 114,25-116 GHz  130-134 GHz | **1.16 – Radiostille soner fra NGSO** (7D / PT A)  **1.18 – EESS (passiv) og RAS** (7C og 7D / PT A) |

**Oversikt over innspill fra norske aktører på de ulike agendapunktene**

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# Revisjonshistorikk

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| --- | --- | --- |
| **Revisjon** | **Dato** | **Endringer** |
| Rev. 01 | 05.02.25 | - Første versjon |
|  |  |  |

# Agendapunkt 1.1 – ESIM til GSO/NGSO i V-bånd

*1.1 ​​ to consider the technical and operational conditions for the use of the frequency bands 47.2-50.2 GHz and 50.4-51.4 GHz (Earth-to-space), or parts thereof, by aeronautical and maritime earth stations in motion communicating with space stations in the fixed-satellite service and develop regulatory measures, as appropriate, to facilitate the use of the frequency bands 47.2-50.2 GHz and 50.4-51.4 GHz (Earth-to-space), or parts thereof, by aeronautical and maritime earth stations in motion communicating with geostationary space stations and non-geostationary space stations in the fixed-satellite service, in accordance with* [*Resolution 176 (Rev.WRC-23).*](https://www.itu.int/dms_pub/itu-r/oth/0c/0a/R0C0A0000110001PDFE.pdf)

**CEPT ansvar:** PT B

**ITU-R ansvar:** WP 4A

**Om agendapunktet**

Studere tekniske og operasjonelle egenskaper og brukerkrav for jordstasjoner om bord i fly og på skip som kan kommunisere med GSO og NGSO satellitter i FSS i frekvensbånda 47,2-50,2 GHz (Earth-to-space) og 50,4-51,4 GHz (Earth-to-space).

Det skal utføres delings- og kompatibilitetsstudier mellom jordstasjoner om bord i fly og på skip som kommuniserer med romstasjoner og primære eksisterende tjenester, samt tjenester i nabobånd, inkludert passive tjenester, for å sikre beskyttelse av og ikke påføre disse ytterligere begrensinger. I tillegg skal også ansvaret til administrasjonene studeres.

Videre skal det lages en ny Rekommandasjon for Network Control and Monitoring Centre (NCMC) for brukerkrav til jordstasjoner på fly og skip.

## Situasjonen etter 2. CPG (desember 2024)

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| **Preliminary CEPT position** |
| CEPT supports the development of a regulatory framework for the operation of aeronautical and maritime ESIMs communicating with GSO and non-GSO satellite systems in the FSS frequency bands 47.2-50.2 GHz (Earth-to-space) and 50.4-51.4 GHz (Earth-to-space).  CEPT also considers that there is a need to ensure a consistency of the regulatory framework applicable to ESIMs across the various frequency bands. As a consequence, depending on the outcome of the technical studies and taking into account the previous work and regulations proposed by CEPT with respect to A-ESIMs and M-ESIMs in other frequency ranges, the possible framework to develop may include, on a non-exhaustive basis, parts or all of the following measures:   * to limit the operation of ESIMs to the territories of administrations which have authorised such operation within their territories * to ensure the characteristics of ESIMs remain in the envelope of notified earth station characteristics; * CEPT is in favour of adopting similar approach that has been developed under Resolution 123 (WRC-23) for identifying the notifying administration of the satellite network with which the ESIM communicates * CEPT is in favour of adopting similar approach that has been developed under Resolution 123 (WRC-23) for the purpose of interference management procedures to address the operation of ESIMs communicating with GSO/non-GSO FSS systems and for the responsibility of the entities involved in this operation |

## ****NORWRC-27 #1****

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| **AI 1.1** |  |  |
| **Prioritet fra norsk ståsted** | |  |
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| **Norsk standpunkt** | | |
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| **Draft CEPT Brief:** |
| [CPG(24)024 ANNEX IV-01 - Draft CEPT Brief on WRC-27 Agenda Item 1.1](https://cept.org/documents/cpg/86863/cpg-24-024-annex-iv-01_draft-cept-brief-on-wrc-27-agenda-item-1_1-) |
| **Draft ECP:** |
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## ****Innspill fra aktører****

# Agendapunkt 1.2 – Mindre jordstasjonsantenner i 13,75-14 GHz

*1.2​​ to consider possible revisions of sharing conditions in the frequency band 13.75-14 GHz to allow the use of uplink fixed-satellite service earth stations with smaller antenna sizes, in accordance with* [*Resolution 129 (WRC-23).*](https://www.itu.int/dms_pub/itu-r/oth/0c/0a/R0C0A0000110002PDFE.pdf)

**CEPT ansvar:** PT B

**ITU-R ansvar:** WP 4A

**Om agendapunktet**

Studere tekniske og operasjonelle begrensinger for mindre antenner for GSO og NGSO FSS jordstasjoner, samt tilhørende effekt-begrensinger i frekvensbåndet 13,75-14 GHz, og beskyttelse av tjenestene som er gitt i Nos. **5.502** og **5.503**. Det skal også sees på endringer i Nos. **5.502** og **5.503**, og følgende regulatoriske endringer av dette.

Dagens krav til jordstasjonsantenner er beskrevet i Nos. **5.502** og **5.503 (WRC-03)** og er minst 1,2 m for GSO og minst 4,5 m for NGSO med gitte verdier for pfd og eirp.

5.502 In the band 13.75-14 GHz, an earth station of a geostationary fixed-satellite service network shall have a minimum antenna diameter of 1.2 m and an earth station of a non‑geostationary fixed-satellite service system shall have a minimum antenna diameter of 4.5 m. In addition, the e.i.r.p., averaged over one second, radiated by a station in the radiolocation or radionavigation services shall not exceed 59 dBW for elevation angles above 2° and 65 dBW at lower angles. Before an administration brings into use an earth station in a geostationary-satellite network in the fixed-satellite service in this band with an antenna diameter smaller than 4.5 m, it shall ensure that the power flux-density produced by this earth station does not exceed:

– –115 dB(W/(m2 · 10 MHz)) for more than 1% of the time produced at 36 m above sea level at the low water mark, as officially recognized by the coastal State;

– –115 dB(W/(m2 · 10 MHz)) for more than 1% of the time produced 3 m above ground at the border of the territory of an administration deploying or planning to deploy land mobile radars in this band, unless prior agreement has been obtained.

For earth stations within the fixed-satellite service having an antenna diameter greater than or equal to 4.5 m, the e.i.r.p. of any emission should be at least 68 dBW and should not exceed 85 dBW.     (WRC-03)

5.503 In the band 13.75-14 GHz, geostationary space stations in the space research service for which information for advance publication has been received by the Bureau prior to 31 January 1992 shall operate on an equal basis with stations in the fixed-satellite service; after that date, new geostationary space stations in the space research service will operate on a secondary basis. Until those geostationary space stations in the space research service for which information for advance publication has been received by the Bureau prior to 31 January 1992 cease to operate in this band:

– in the band 13.77-13.78 GHz, the e.i.r.p. density of emissions from any earth station in the fixed-satellite service operating with a space station in geostationary-satellite orbit shall not exceed:

i) 4.7*D*  28 dB(W/40 kHz), where *D* is the fixed-satellite service earth station antenna diameter (m) for antenna diameters equal to or greater than 1.2 m and less than 4.5 m;

ii) 49.2  20 log(*D*/4.5) dB(W/40 kHz), where *D* is the fixed-satellite service earth station antenna diameter (m) for antenna diameters equal to or greater than 4.5 m and less than 31.9 m;

iii) 66.2 dB(W/40 kHz) for any fixed-satellite service earth station for antenna diameters (m) equal to or greater than 31.9 m;

iv) 56.2 dB(W/4 kHz) for narrow-band (less than 40 kHz of necessary bandwidth) fixed-satellite service earth station emissions from any fixed-satellite service earth station having an antenna diameter of 4.5 m or greater;

– the e.i.r.p. density of emissions from any earth station in the fixed-satellite service operating with a space station in non**-**geostationary-satellite orbit shall not exceed 51 dBW in the 6 MHz band from 13.772 to 13.778 GHz.

Automatic power control may be used to increase the e.i.r.p. density in these frequency ranges to compensate for rain attenuation, to the extent that the power flux-density at the fixed-satellite service space station does not exceed the value resulting from use by an earth station of an e.i.r.p. meeting the above limits in clear-sky conditions.     (WRC-03)

## Situasjonen etter 2. CPG (desember 2024)

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| **Preliminary CEPT position** |
| CEPT recognises that Nos. **5.502** and **5.503** provide the protection to radiolocation and radionavigation services used for terrestrial, maritime and airborne application (No **5.502**) and space research service (No. **5.503**).    CEPT is of the view that it should be demonstrated in studies accepted by CEPT that any modification (relaxation or strengthening) of the constraints on the minimum antenna diameters of GSO and NGSO FSS Earth stations and on the associated power limitations as defined in Nos **5.502** and **5.503** and their consequences on the FSS Earth stations deployments and on its associated interference occurrences would still ensure the protection of the radiolocation, radionavigation and space research services.  CEPT is of the view that the future development of the terrestrial, airborne and shipborne systems operating globally under the primary allocation to the radiolocation service in the frequency band 13.75-14 GHz should be taken into account. |

## ****NORWRC-27 #1****

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| **AI 1.2** |  |  |
| **Prioritet fra norsk ståsted** | |  |
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| **Norsk standpunkt** | | |
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| **Draft CEPT Brief:** |
| [CPG(24)024 ANNEX IV-02 - Draft CEPT Brief on WRC-27 Agenda Item 1.2](https://cept.org/documents/cpg/86878/cpg-24-024-annex-iv-02_-draft-cept-brief-on-wrc-27-agenda-item-1_2-) |
| **Draft ECP:** |
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## ****Innspill fra aktører****

# Agendapunkt 1.3 – NGSO FSS opplink gateways i V-bånd

*1.3​​ to consider studies relating to the use of the frequency band 51.4-52.4 GHz to enable use by gateway earth stations transmitting to non-geostationary-satellite orbit systems in the fixed-satellite service (Earth-to-space), in accordance with* [*Resolution 130 (WRC-23).*](https://www.itu.int/dms_pub/itu-r/oth/0c/0a/R0C0A0000110003PDFE.pdf)

**CEPT ansvar:** PT B

**ITU-R ansvar:** WP 4A

**Om agendapunktet**

Det skal utføres delings- og kompatibilitetsstudier mellom NGSO FSS gateways i frekvensbåndet 51,4-52,6 GHz og eksisterende tjenester, beskyttelse av FS og MS, og passive tjenester i nabobånd. Resolution **750 (Rev. WRC-19)** kan bli oppdatert som følge av hensyn til passive tjenester.

I tillegg skal det hensyntas at radioastronomiske observasjoner blir utført i samme bånd, og beskyttelsen av disse skal være i tråd med No. **5.556**.

Beskyttelsen av GSO FSS romstasjoner skal ivaretas, og frekvensbåndet 51,4-52,6 GHz skal vurderes å inkluderes i Resolution **769 (WRC-19)** og **770 (WRC-23)**.

## Situasjonen etter 2. CPG (desember 2024)

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| **Preliminary CEPT position** |
| CEPT supports studies with a view to develop a regulatory framework relating to the use of the frequency band 51.4-52.4 GHz to enable use by gateway earth stations transmitting to non-geostationary-satellite orbit systems in the fixed-satellite service (Earth-to-space) ensuring the protection of existing services in the same and adjacent band in accordance with Resolution **130 (WRC-23)**, such as, but not limited to:   * Radioastronomy as mentioned in No. **5.556** * EESS, with the aim to verify that with those additional gateway Earth stations, the protection of the EESS (passive) in the adjacent frequency band 52.6-54.25 GHz continues to be ensured through the current mandatory unwanted emission limits in Resolution **750 (Rev.WRC-19)** |

## ****NORWRC-27 #1****

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| **AI 1.3** |  |  |
| **Prioritet fra norsk ståsted** | |  |
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| **Norsk standpunkt** | | |
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| **Draft CEPT Brief:** |
| [CPG(24)024 ANNEX IV-03 - Draft CEPT Brief on WRC-27 Agenda Item 1.3](https://cept.org/documents/cpg/86864/cpg-24-024-annex-iv-03_-draft-cept-brief-on-wrc-27-agenda-item-1_3-) |
| **Draft ECP:** |
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## ****Innspill fra aktører****

# Agendapunkt 1.4 – FSS nedlink i båndet 17,3-17,7/8 GHz

*1.4​​ to consider a possible new primary allocation to the fixed-satellite service (space-to-Earth) in the frequency band 17.3-17.7 GHz and a possible new primary allocation to the broadcasting-satellite service (space-to-Earth) in the frequency band 17.3-17.8 GHz in Region 3, while ensuring the protection of existing primary allocations in the same and adjacent frequency bands, and to consider equivalent power flux-density limits to be applied in Regions 1 and 3 to non-geostationary-satellite systems in the fixed-satellite service (space-to-Earth) in the frequency band 17.3-17.7 GHz, in accordance with* [*Resolution 726 (WRC-23).*](https://www.itu.int/dms_pub/itu-r/oth/0c/0a/R0C0A0000110004PDFE.pdf)

**CEPT ansvar:** PT B

**ITU-R ansvar:** WP 4A

**Om agendapunktet**

Gjennomføre deling- og kompatibilitetsstudier mellom nedlink i FSS, BSS og FSS som beskrevet i Nos. **5.516** for å vurdere nye primære allokeringer for FSS i frekvensbåndet 17,3-17,7 GHz for Region 3 og BSS i frekvensbåndet 17,3-17,8 GHz i Region 3. Samtidig skal eksisterende primære tjenester beskyttes i båndet og nabobåndet, og uten å påvirke de eksisterende allokeringene for FSS gitt i No. **5.516** og BSS feeder linker gitt i Appendiks **30A** i RR.

Det skal vurderes om epfd-grensene gitt i Artikkel **22** for bruk av båndet 17,3-17,7 GHz i Region 2 kan benyttes for Region 1 og 3 også. Disse grensene skal beskytte GSO satellittnettverk fra NGSO nettverk.

## Situasjonen etter 2. CPG (desember 2024)

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| **Preliminary CEPT position** |
| CEPT supports a new FSS (space-to-Earth) allocation in Region 3 in the frequency band 17.3-17.7 GHz, which facilitates the use of spectrum available to networks and systems in the FSS across Regions. CEPT also supports harmonisation in the three Regions of the epfd threshold, to protect GSO space stations, agreed at WRC-23 in Region 2. Except to the application of the epfd threshold values in Region 1 as defined at WRC-23 for Region 2 to ensure harmonisation, CEPT support keeping unchanged the other existing conditions applicable for FSS to Region 1 in the frequency band 17.3-17.7 GHz under consideration.  CEPT has not yet any view on the possible allocation to BSS in Region 3. |

## ****NORWRC-27 #1****

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| **AI 1.4** |  |  |
| **Prioritet fra norsk ståsted** | |  |
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| **Norsk standpunkt** | | |
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| **Draft CEPT Brief:** |
| [CPG(24)024 ANNEX IV-04 - Draft CEPT Brief on WRC-27 Agenda Item 1.4](https://cept.org/documents/cpg/86880/cpg-24-024-annex-iv-04_draft-cept-brief-on-wrc-27-agenda-item-1_4) |
| **Draft ECP:** |
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## ****Innspill fra aktører****

# Agendapunkt 1.5 – Uautorisert bruk av NGSO jordstasjoner

*1.5 to consider regulatory measures, and implementability thereof, to limit the unauthorized operations of non-geostationary-satellite orbit earth stations in the fixed-satellite and mobile-satellite services and associated issues related to the service area of non-geostationary-satellite orbit satellite systems in the fixed-satellite and mobile-satellite services, in accordance with* [*Resolution 14 (WRC-23).*](https://www.itu.int/dms_pub/itu-r/oth/0c/0a/R0C0A0000110005PDFE.pdf)

**CEPT ansvar:** PT B

**ITU-R ansvar:** WP 4A

**Om agendapunktet**

Det skal gjennomføres studier på regulatoriske tiltak som skal begrense uautorisert bruk av opplink fra NGSO FSS og MSS jordstasjoner for å kunne adressere og avslutte transmisjon. Studiene skal ta hensyn til tekniske og operasjonelle aspekter ved NGSO FSS tjenesten.

Videre skal det også studeres hvordan regulatoriske tiltak påvirker tjenesten for FSS/MSS NGSO hvis en administrasjon skulle velge å utelukke sin administrasjon fra tjenesteområdet.

## Situasjonen etter 2. CPG (desember 2024)

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| **Preliminary CEPT position** |
| CEPT is of the view that the existing regulatory measures outlined in Article **18** of the Radio Regulations, along with those in both Resolution **22 (Rev. WRC-23)** and Resolution **25 (Rev. WRC-23)**, already impose mandatory licensing and authorization obligations that respect the sovereignty and regulatory responsibilities of individual Member States. These measures also provide robust enforcement mechanisms to limit unauthorized uplink transmissions from earth stations.  CEPT supports studying the potential need for possible additional regulatory measures. Before any further regulation is considered, it is essential to thoroughly document and analyse the extent of cases related to unauthorized NGSO earth stations. If studies indicate that some of these cases cannot be adequately addressed within the current ITU regulations, the benefits of introducing new regulatory measures, with respect to the severity and extent of these cases, must be carefully weighed against corresponding potential negative impacts such as increased costs and complexity for existing and future satellite systems. In this analysis, particular attention should be given to factors such as innovation and competition.  CEPT is of the view that, in accordance with Resolution **14 (WRC-23)**, only non-GSO FSS and MSS earth stations should be considered in this agenda item. |

## ****NORWRC-27 #1****

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| **AI 1.5** |  |  |
| **Prioritet fra norsk ståsted** | |  |
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| **Norsk standpunkt** | | |
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| **Draft CEPT Brief:** |
| [CPG(24)024 ANNEX IV-05 - Draft CEPT Brief on WRC-27 Agenda Item 1.5](https://cept.org/documents/cpg/86898/cpg-24-024-annex-iv-05_draft-cept-brief-on-wrc-27-agenda-item-1_5) |
| **Draft ECP:** |
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## ****Innspill fra aktører****

# Agendapunkt 1.6 – Likeverdig tilgang i Q- og V-bånd

*1.6 to consider technical and regulatory measures for fixed-satellite service satellite networks/systems in the frequency bands 37.5-42.5 GHz (space-to-Earth), 42.5-43.5 GHz (Earth-to-space), 47.2-50.2 GHz (Earth-to-space) and 50.4-51.4 GHz (Earth-to-space) for equitable access to these frequency bands, in accordance with* [*Resolution 131 (WRC-23)*](https://www.itu.int/dms_pub/itu-r/oth/0c/0a/R0C0A0000110006PDFE.pdf)*.*

**CEPT ansvar:** PT B

**ITU-R ansvar:** WP 4A

**Om agendapunktet**

Det skal gjennomføres studier for tekniske og regulatoriske tiltak for FSS satellittnettverk i frekvensbåndet 37,5-42,5 GHz (space-to-Earth), 42,5-43,5 GHz (Earth-to-space), 47,2-50,2 GHz (Earth-to-space) og 50,4-51,4 GHz (Earth-to-space) for likeverdig tilgang. Samtidig skal beskyttelsen av eksisterende primære tjenester bli hensyntatt i disse båndene og nabobånd. Dette dreier seg om behov for utviklingsland. Dette skal gjøres uten å pålegge ytterligere restriksjoner på jordbaserte tjenester.

## Situasjonen etter 2. CPG (desember 2024)

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| **Preliminary CEPT position** |
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## ****NORWRC-27 #1****

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| **AI 1.6** |  |  |
| **Prioritet fra norsk ståsted** | |  |
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| **Norsk standpunkt** | | |
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| **Draft CEPT Brief:** |
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| **Draft ECP:** |
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## ****Innspill fra aktører****

# Agendapunkt 1.7 – IMT i båndene 4,4, 7, 8 og 15 GHz

*1.7 to consider studies on sharing and compatibility and develop technical conditions for the use of International Mobile Telecommunications (IMT) in the frequency bands 4 400-4 800 MHz and 7 125-8 400 MHz (or parts thereof), and 14.8-15.35 GHz taking into account existing primary services operating in these, and adjacent, frequency bands, in accordance with* [*Resolution 256 (WRC-23).*](https://www.itu.int/dms_pub/itu-r/oth/0c/0a/R0C0A0000110007PDFE.pdf)

**CEPT ansvar:** PT 1

**ITU-R ansvar:** WP 5D

**Om agendapunktet**

Det skal utføres deling og kompatibilitetsstudier for frekvensbåndene nedenfor, for å ta hensyn til tjenester som båndene er tildelt på primær basis. Dette skal gjøres ved å ta hensyn til stasjoner i internasjonalt farvann og luftrom som ikke kan registreres i MIFR, og uten å pålegge ytterliggere regulatoriske eller tekniske krav på disse tjenestene. De aktuelle frekvensbåndene er:

* 4 400-4 800 MHz
* 7 125-8 400 MHz
* 14,8-15,35 GHz

Basert på studiene så skal det vurderes å identifisere følgende bånd for bakkebasert IMT:

* 4 400-4 800 MHz, eller deler av, i Region 1 og 3
* 7 125-8 400 MHz, eller deler av, i Region 2 og 3
* 7 125-7 250 MHz og 7 750-8 400 MHz, eller deler av, i Region 1
* 14,8-15,35 GHz globalt

## Situasjonen etter 2. CPG (desember 2024)

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| **Preliminary CEPT position** |
| In all the frequency bands considered under this Agenda item, CEPT will contribute to the ITU-R studies to ensure the protection of existing services from IMT.  **4400-4800 MHz**  In case deployment scenarios and parameters of IMT have not changed with respect to WRC-15, WRC-19 and WRC-23 studies, CEPT is opposing to an IMT identification of the 4 400-4 800 MHz frequency band.  **7125 - 8400 MHz**  CEPT could consider an IMT identification of the frequency band 7 125-7 250 MHz if, and will oppose an IMT identification in the frequency range 7 250-8 400 MHz or parts thereof unless, the current and future operations of all existing primary allocated radiocommunication services (including FS) in the frequency range 7 125 – 8 400 MHz and adjacent frequency bands are protected from harmful interference caused by IMT networks while:   * the continued operation of the incumbent’s usage is guaranteed, especially taking into account the deployment of transportable stations in the FSS and MSS/MMSS on short notice and in any locations, within national relevant territories or in international spaces; * communications from space stations to Earth stations of EESS and METSAT can be protected globally, as this band is the main band used for collecting data from satellites; * no additional regulatory, technical or operational restrictions are imposed on existing Primary Services, which are ensuring the implementation of space strategies and policies.   **14.8-15.35 GHz**  CEPT is of the view that existing users, including stations of the aeronautical mobile service that need to be deployed on short notice, on any locations within national relevant territories or in international spaces, must be protected and which is not expected to be practical/feasible unless otherwise demonstrated. |

## ****NORWRC-27 #1****

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| **AI 1.7** |  |  |
| **Prioritet fra norsk ståsted** | |  |
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| **Norsk standpunkt** | | |
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| **Draft CEPT Brief:** |
| [CPG(24)024 ANNEX IV-07 - Draft CEPT Brief on WRC-27 Agenda Item 1.7](https://cept.org/documents/cpg/86821/cpg-24-024-annex-iv-07_draft-cept-brief-on-wrc-27-agenda-item-1_7) |
| **Draft ECP:** |
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## ****Innspill fra aktører****

# Agendapunkt 1.8 – Radiolokalisering i 231,5-275/700 GHz

*1.8 to consider possible additional spectrum allocations to the radiolocation service on a primary basis in the frequency range 231.5-275 GHz and possible new identifications for radiolocation service applications in frequency bands within the frequency range 275-700 GHz for millimetric and sub-millimetric wave imaging systems, in accordance with* [*Resolution 663 (Rev.WRC-23).*](https://www.itu.int/dms_pub/itu-r/oth/0c/0a/R0C0A0000110008PDFE.pdf)

**CEPT ansvar:** PT A

**ITU-R ansvar:** WP 5B

**Om agendapunktet**

Det skal vurderes primærallokering til RLS i frekvensbåndet 231,5-275 GHz, og identifisering og bruk av RLS i frekvensområdet 275-700 GHz. Forventet bruk kan være avstandsmåling, bildebehandling og lokalisering, som er designet for to hoved konfigurasjoner; aktiv (radar) og mottak (radiometer). Agendapunktet dekker vitenskapelige, statlig, offentlig sikkerhet og ITS-applikasjoner.

## ****Situasjonen etter 2. CPG (desember 2024)****

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| **Preliminary CEPT position** |
| CEPT will consider the support of new primary allocations to the RLS in the frequency range 231.5 – 275 GHz, or parts thereof, and identification in the frequency range 275 – 700 GHz, or parts thereof, for the applications and systems of the RLS as described in Resolution **663 (Rev.WRC-23**) provided that the protection of the incumbent services and their applications is ensured, in particular passive services. CEPT supports the definition of the appropriate characteristics, operations, frequency bands and protection criteria of systems and applications of radiolocation. |

## ****NORWRC-27 #1****

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| **AI 1.8** |  |  |
| **Prioritet fra norsk ståsted** | |  |
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| **Norsk standpunkt** | | |
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| **Draft CEPT Brief:** |
| [CPG(24)024 ANNEX IV-08 - Draft CEPT Brief on WRC-27 Agenda Item 1.8](https://cept.org/documents/cpg/86909/cpg-24-024-annex-iv-08_draft-cept-brief-on-wrc-27-agenda-item-1_8) |
| **Draft ECP:** |
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## ****Innspill fra aktører****

# Agendapunkt 1.9 – Aero HF AM(OR)S, Appendix 26

*1.9 to consider appropriate regulatory actions to update Appendix 26 to the Radio Regulations in support of aeronautical mobile (OR) high frequency modernization, in accordance with* [*Resolution 411 (WRC-23).*](https://www.itu.int/dms_pub/itu-r/oth/0c/0a/R0C0A0000110009PDFE.pdf)

**CEPT ansvar:** CPG

**ITU-R ansvar:** WP 5B

**Om agendapunktet**

Det skal studeres introduksjonen av ny teknologi som kan øke ytelsen til aeronautisk mobil tjenestesystemet. Det skal også gjennomføres deling og kompatibilitetsstudier for eksisterende aeronautiske tjenester med primære tjenester i frekvens- og nabobåndene gitt i Appendiks **26** i RR. Dette skal gjøres uten å endre eksisterende allokeringer, og uten å påvirke smalbånd systemer i Appendiks **26**.

## Situasjonen etter 2. CPG (desember 2024)

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| **Preliminary CEPT position** |
| CEPT supports the explicit recognition of wideband AM(OR)S uses with non-contiguous carrier aggregation by amending Appendix **26** of the Radio Regulations.    CEPT also considers contiguous and single-carrier possibilities, without constraining current narrow-band uses or coexistence with other services. |

## ****NORWRC-27 #1****

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| **AI 1.9** |  |  |
| **Prioritet fra norsk ståsted** | |  |
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| **Draft CEPT Brief:** |
| [CPG(24)024 ANNEX IV-09 - Draft CEPT Brief on WRC-27 Agenda Item 1.9](https://cept.org/documents/cpg/86899/cpg-24-024-annex-iv-09_draft-cept-brief-on-wrc-27-agenda-item-1_9) |
| **Draft ECP:** |
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## ****Innspill fra aktører****

# Agendapunkt 1.10 – Utvikle pfd- og eirp-grenser i V/W-bånd for beskyttelse av FS/MS, Artikkel 21

*1.10 to consider developing power flux-density and equivalent isotropically radiated power limits for inclusion in Article 21 of the Radio Regulations for the fixed-satellite, mobile-satellite and broadcasting-satellite services to protect the fixed and mobile services in the frequency bands 71-76 GHz and 81-86 GHz, in accordance with* [*Resolution 775 (Rev.WRC-23).*](https://www.itu.int/dms_pub/itu-r/oth/0c/0a/R0C0A0000110010PDFE.pdf)

**CEPT ansvar:** PT B

**ITU-R ansvar:** WP 5C

**Om agendapunktet**

Gjennomføre studier for å utvikle pfd- og eirp-grenser som skal inkluderes i Artikkel **21** for FSS, MSS og BSS for å beskytte FS og MS tjenester i frekvensbåndene 71-76 GHz og 81-86 GHz.

## Situasjonen etter 2. CPG (desember 2024)

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| **Preliminary CEPT position** |
| CEPT supports the development and inclusion of power flux-density (pfd) and equivalent isotropically radiated power (e.i.r.p.) limits in Article **21** for satellite services (fixed-satellite service (FSS), mobile-satellite service (MSS) and broadcasting-satellite service (BSS)) in the bands 71 – 76 GHz and 81 - 86 GHz in accordance with Resolution **775 (Rev.WRC-23)**. |

## ****NORWRC-27 #1****

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| **AI 1.10** |  |  |
| **Prioritet fra norsk ståsted** | |  |
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| **Draft CEPT Brief:** |
| [CPG(24)024 ANNEX IV-10 - Draft CEPT Brief on WRC-27 Agenda Item 1.10](https://cept.org/documents/cpg/86911/cpg-24-024-annex-iv-10_draft-cept-brief-on-wrc-27-agenda-item-1_10) |
| **Draft ECP:** |
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## ****Innspill fra aktører****

# Agendapunkt 1.11 – L-bånd inter-satellitt linker GSO/NGSO i MSS

*1.11 to consider the technical and operational issues, and regulatory provisions, for space-to-space links among non-geostationary and geostationary satellites in the frequency bands 1 518-1 544 MHz, 1 545-1 559 MHz, 1 610-1 645.5 MHz, 1 646.5-1 660 MHz, 1 670-1 675 MHz and 2 483.5-2 500 MHz allocated to the mobile-satellite service, in accordance with* [*Resolution 249 (Rev.WRC-23).*](https://www.itu.int/dms_pub/itu-r/oth/0c/0a/R0C0A0000110011PDFE.pdf)

**CEPT ansvar:** PT C

**ITU-R ansvar:** WP 4C

**Om agendapunktet**

Det skal studeres bruken av space-to-space linker for GSO og NGSO med tanke på tekniske, operative og regulatoriske krav i frekvensbåndene 1 518-1 544 MHz, 1 545-1 559 MHz, 1 610-1 645.5 MHz, 1 646.5-1 660 MHz, 1 670-1 675 MHz and 2 483.5-2 500 MHz. I dag er disse frekvensene allokert til MSS tjenesten for land-, skip- og fly-terminaler.

## Situasjonen etter 2. CPG (desember 2024)

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| **Preliminary CEPT position** |
| CEPT supports to list and study new sharing configurations with possible space stations transmitting in the uplink bands and receiving in the downlink bands representing space-to-space links, in accordance with Resolution **249 (Rev. WRC-23)**, in order to develop technical and regulatory conditions related to the use of space-to-space links. |

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| **AI 1.11** |  |  |
| **Prioritet fra norsk ståsted** | |  |
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| **Norsk standpunkt** | | |
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| **Draft CEPT Brief:** |
| [CPG(24)024 ANNEX IV-11 - Draft CEPT Brief on WRC-27 Agenda Item 1.11](https://cept.org/documents/cpg/86917/cpg-24-024-annex-iv-11_draft-cept-brief-on-wrc-27-agenda-item-1_11) |
| **Draft ECP:** |
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## ****Innspill fra aktører****

# Agendapunkt 1.12 – Lav-datarate NGSO MSS i L/S-bånd

*1.12 to consider, based on the results of studies, possible new allocations to the mobile-satellite service and possible regulatory actions in the frequency bands 1 427-1 432 MHz (space-to-Earth), 1 645.5-1 646.5 MHz (space-to-Earth) (Earth-to-space), 1 880-1 920 MHz (space-to-Earth) (Earth-to-space) and 2 010-2 025 MHz (space-to-Earth) (Earth-to-space) required for the future development of low-data-rate non-geostationary mobile-satellite systems, in accordance with* [*Resolution 252 (WRC-23).*](https://www.itu.int/dms_pub/itu-r/oth/0c/0a/R0C0A0000110012PDFE.pdf)

**CEPT ansvar:** PT C

**ITU-R ansvar:** WP 4C

**Om agendapunktet**

Det skal utføres deling og kompatibilitetsstudier for sameksistens av MSS og NGSO MSS i forskjellige L/S-frekvensbånd. Spektrumbehov, tekniske og operasjonelle krav skal studeres, relatert til lav-datarate NGSO MSS.

## Situasjonen etter 2. CPG (desember 2024)

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| **Preliminary CEPT position** |
| CEPT supports:   * the principle of a global MSS allocation to one or more of the bands under study in order to meet the needs of low-data-rate non-GSO satellite communications; * to carry out studies related to spectrum needs as well as sharing and compatibility studies with existing services, including assessment of impact from existing services into low-data-rate non-GSO MSS, with the objective to determine the technical conditions that should be associated to any of these possible new MSS allocations for the protection of existing services; and, * to study technical and regulatory solutions to allow several operators to share spectrum resources and to avoid an exclusive access to these spectrum resources by just one or a few operators on a first-come, first-served basis. |

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| **AI 1.12** |  |  |
| **Prioritet fra norsk ståsted** | |  |
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| **Norsk standpunkt** | | |
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| **Draft CEPT Brief:** |
| [CPG(24)024 ANNEX IV-12 - Draft CEPT Brief on WRC-27 Agenda Item 1.12](https://cept.org/documents/cpg/86918/cpg-24-024-annex-iv-12_draft-cept-brief-on-wrc-27-agenda-item-1_12) |
| **Draft ECP:** |
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## ****Innspill fra aktører****

# Agendapunkt 1.13 – MSS i IMT bånd for å komplementere MS IMT

*1.13 to consider studies on possible new allocations to the mobile-satellite service for direct connectivity between space stations and International Mobile Telecommunications (IMT) user equipment to complement terrestrial IMT network coverage, in accordance with* [*Resolution 253 (WRC-23).*](https://www.itu.int/dms_pub/itu-r/oth/0c/0a/R0C0A0000110013PDFE.pdf)

**CEPT ansvar:** PT C (med støtte fra PT1)

**ITU-R ansvar:** WP 4C

**Om agendapunktet**

Det skal vurderes mulige allokeringer for MSS i frekvensområdet mellom 694/698 MHz og 2,7 GHz. Det skal studeres spektrumbehov, tekniske, operasjonelle og regulatoriske relatert til implementeringen av MSS for direkte tilkobling til IMT utstyr for å utvide bakkebasert IMT dekning.

## Situasjonen etter 2. CPG (desember 2024)

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| **Preliminary CEPT position** |
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## ****NORWRC-27 #1****

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| **AI 1.13** |  |  |
| **Prioritet fra norsk ståsted** | |  |
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| **Draft CEPT Brief:** |
| [CPG(24)024 ANNEX IV-13 - Draft CEPT Brief on WRC-27 Agenda Item 1.13](https://cept.org/documents/cpg/86919/cpg-24-024-annex-iv-13_draft-cept-brief-on-wrc-27-agenda-item-1_13) |
| **Draft ECP:** |
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## ****Innspill fra aktører****

# Agendapunkt 1.14 – Vurdere ytterligere MSS allokeringer

*1.14 to consider possible additional allocations to the mobile-satellite service, in accordance with* [*Resolution 254 (WRC-23).*](https://www.itu.int/dms_pub/itu-r/oth/0c/0a/R0C0A0000110014PDFE.pdf)

**CEPT ansvar:** PT C

**ITU-R ansvar:** WP 4C

**Om agendapunktet**

Det skal studeres relevante spektrumsbehov, tekniske, operasjonelle og regulatoriske krav for mulige nye allokeringer for MSS i frekvensbåndene:

* 2 010-2 025 MHz (Earth-to-space) i Region 1 og 3
* 2 160-2 170 MHz (space-to-Earth) i Region 1 og 3
* 2 120-2 160 MHz (space-to-Earth) globalt

Videre skal det gjennomføres deling og kompatibilitetsstudier for mulige nye MSS allokeringer i frekvensbåndene nevnt over, og nabobånd, for å beskytte eksisterende primære tjenester, og uten å påføre eksisterende tjenester ytterligere regulatoriske tekniske krav.

## Situasjonen etter 2. CPG (desember 2024)

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| **Preliminary CEPT position** |
| In CEPT, the frequency band 2110-2170 MHz is harmonised and widely used for IMT mobile networks. Consideration of MSS in this frequency band should be limited to agenda item 1.13. |

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| **AI 1.14** |  |  |
| **Prioritet fra norsk ståsted** | |  |
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| **Norsk standpunkt** | | |
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| **Draft CEPT Brief:** |
| [CPG(24)024 ANNEX IV-14 - Draft CEPT Brief on WRC-27 Agenda Item 1.14](https://cept.org/documents/cpg/86922/cpg-24-024-annex-iv-14_draft-cept-brief-on-wrc-27-agenda-item-1_14) |
| **Draft ECP:** |
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## ****Innspill fra aktører****

# Agendapunkt 1.15 – Måne allokeringer

*1.15 to consider studies on frequency-related matters, including possible new or modified space research service (space-to-space) allocations, for future development of communications on the lunar surface and between lunar orbit and the lunar surface, in accordance with* [*Resolution 680 (WRC-23).*](https://www.itu.int/dms_pub/itu-r/oth/0c/0a/R0C0A0000110015PDFE.pdf)

**CEPT ansvar:** PT A

**ITU-R ansvar:** WP 7B

**Om agendapunktet**

Det skal utføres studier for spektrumbehov, karakteristikker, beskyttelsesbehov, og deling og kompatibilitetsstudier med andre radiokommunikasjonstjenester for SRS for kommunikasjon på måneoverflata eller i månebanen med måneoverflata i frekvensbåndene:

* 390-406,1 MHz, 420-430 MHz og 440-450 MHz, begrenset til utenfor *Zone of the moon* (SZM)
* 2 400-2 690 MHz, 3 500-3 800 MHz, 5 150-5 570 MHz, 5 570-5 725 MHz, 5 775-5 925 MHz, 7 190-7 235 MHz, 8 450-8 500 MHz og 25,25-28,35 GHz

## Situasjonen etter 2. CPG (desember 2024)

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| **Preliminary CEPT position** |
| CEPT supports possible new or modified space research service (space-to-space) allocations for the future development of communications on the lunar surface and between stations in lunar orbit and stations operating on the lunar surface based on the results of ITU-R studies.  CEPT supports the protection of the Shielded Zone (of the) Moon for its use for radio astronomy observations. |

## ****NORWRC-27 #1****

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| **AI 1.15** |  |  |
| **Prioritet fra norsk ståsted** | |  |
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| **Draft CEPT Brief:** |
| [CPG(24)024 ANNEX IV-15 - Draft CEPT Brief on WRC 27 Agenda Item 1.15](https://cept.org/documents/cpg/86927/cpg-24-024-annex-iv-15_draft-cept-brief-on-wrc-27-agenda-item-1_15) |
| **Draft ECP:** |
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## ****Innspill fra aktører****

# Agendapunkt 1.16 – Radiostille soner/RAS, fra NGSO

*1.16 to consider studies on the technical and regulatory provisions necessary to protect radio astronomy operating in specific Radio Quiet Zones, and in frequency bands allocated to the radio astronomy service on a primary basis globally, from aggregate radio-frequency interference caused by non-geostationary-satellite orbit systems, in accordance with* [*Resolution 681 (WRC-23).*](https://www.itu.int/dms_pub/itu-r/oth/0c/0a/R0C0A0000110016PDFE.pdf)

**CEPT ansvar:** PT A

**ITU-R ansvar:** WP 7D

**Om agendapunktet**

Gjennomføre studier på aggregert interferens fra en enkelt og flere NGSO satellitt(er) og hvordan de påvirker radiostille soner som er vist i Tabell 2 under. Det skal også studeres nødvendig avstand for nærliggende bånd for radiostille soner og NGSO systemer. Fra studiene skal det bestemmes tekniske og/eller regulatoriske krav.

Tabell 2: RAS frekvensbånd som studeres og tilhørende aktive tjenester

**Et bilde som inneholder tekst, skjermbilde, Font, nummer

Automatisk generert beskrivelse**

## Situasjonen etter 2. CPG (desember 2024)

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| **Preliminary CEPT position** |
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## ****NORWRC-27 #1****

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| **AI 1.16** |  |  |
| **Prioritet fra norsk ståsted** | |  |
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| **Norsk standpunkt** | | |
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| **Draft CEPT Brief:** |
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## ****Innspill fra aktører****

# Agendapunkt 1.17 – Allokeringer for mottagende romvær sensorer

*1.17 to consider regulatory provisions for receive-only space weather sensors and their protection in the Radio Regulations, taking into account the results of ITU Radiocommunication Sector studies, in accordance with* [*Resolution 682 (WRC-23).*](https://www.itu.int/dms_pub/itu-r/oth/0c/0a/R0C0A0000110017PDFE.pdf)

**CEPT ansvar:** PT A

**ITU-R ansvar:** WP 7C

**Om agendapunktet**

Det skal gjennomføres studier for spektrumsbehov og beskyttelsesbehov for mottak for romvær sensorer. Det skal også gjennomføres deling og kompatibilitetsstudier for nye primære allokeringer i frekvensbåndene under, uten å påføre ytterligere krav på eksisterende tjenester i båndene eller nabobånd;

* 27,5-28 MHz
* 29,7-30,2 MHz
* 32,2-32,6 MHz
* 37,5-38,325 MHz
* 73,0-74,6 MHz
* 608-614 MHz

Det skal også studeres om reguleringsbestemmelser i RR kan brukes til å notifisere romvær sensorer i MFIR.

## Situasjonen etter 2. CPG (desember 2024)

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| **Preliminary CEPT position** |
| CEPT supports primary allocations to MetAids (space weather) for receive-only sensors in the 27.5-28.0 MHz, 29.7-30.2 MHz, 32.2-32.6 MHz, 37.5-38.325 MHz, 73.0-74.6 MHz, and 608-614 MHz frequency bands without imposing constraints on incumbent services. |

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| **AI 1.17** |  |  |
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| **Draft CEPT Brief:** |
| [CPG(24)024 ANNEX IV-17 - Draft CEPT Brief on WRC-27 Agenda Item 1.17](https://cept.org/documents/cpg/86929/cpg-24-024-annex-iv-17_draft-cept-brief-on-wrc-27-agenda-item-1_17-) |
| **Draft ECP:** |
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## ****Innspill fra aktører****

# Agendapunkt 1.18 – EESS (passiv) og RAS over 76 GHz

*1.18 to consider, based on the results of ITU Radiocommunication Sector studies, possible regulatory measures regarding the protection of the Earth exploration-satellite service (passive) and the radio astronomy service in certain frequency bands above 76 GHz from unwanted emissions of active services, in accordance with* [*Resolution 712 (WRC-23).*](https://www.itu.int/dms_pub/itu-r/oth/0c/0a/R0C0A0000110018PDFE.pdf)

**CEPT ansvar:** PT A

**ITU-R ansvar:** WP 7C, WP 7D

**Om agendapunktet**

Det skal gjennomføres kompatibilitetsstudier for beskyttelse/radiostille soner for frekvensbånd over 76 GHz som gitt i RR No. **5.340**. Dette omfatter to deler, EESS (passiv) og RAS, som skal studeres hver for seg. Frekvensbånd for EESS (passiv) og RAS er gitt i henholdsvis Tabell 3 og 4 under. Det skal sees på kompatibiliteten for aktive tjenester i nabo- og nærliggende frekvensbånd for EESS (passiv). For RAS skal det sees på aktive satellitt tjenester, og settes relevante grenser for uønsket interferens for GSO og NGSO romstasjoner for å revidere og oppdatere Resolution **739 (Rev. WRC-19)**.

Tabell 3: EESS (passiv) frekvensbånd som skal studeres og tilhørende aktive tjenester.

Et bilde som inneholder tekst, skjermbilde, Font, nummer

Automatisk generert beskrivelse

Tabell 4: RAS frekvensbånd og tilhørende aktive tjenester.

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Automatisk generert beskrivelse

## Situasjonen etter 2. CPG (desember 2024)

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| **Preliminary CEPT position – Resolves 1 – EESS(passive)** |
| CEPT supports the development of the necessary technical studies towards compatibility between the EESS (passive) and the corresponding active services in adjacent frequency bands as listed in Table 1 of Resolution **712 (WRC-23)** and the inclusion of any required regulatory measures regarding the protection of the EESS (passive) in an update to Resolution **750 (Rev.WRC-19)**. |

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| **Preliminary CEPT position – Resolves 2 – RAS** |
| CEPT supports the development of the necessary technical studies towards compatibility between RAS and the corresponding active satellite services in adjacent and nearby frequency bands as listed in Table 2 of Resolution **712 (WRC-23)** and the inclusion of any required regulatory measures regarding the protection of the RAS in an update to Resolution **739 (Rev.WRC-19)**, including the set of the relevant threshold levels for unwanted emissions from any GSO and non-GSO space stations. |

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| **AI 1.18** |  |  |
| **Prioritet fra norsk ståsted** | |  |
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| **Draft CEPT Brief:** |
| Resolves 1:  [CPG(24)024 ANNEX IV-18A - Draft CEPT Brief WRC-27 Agenda Item 1.18 resolves 1](https://cept.org/documents/cpg/86930/cpg-24-024-annex-iv-18a_draft-cept-brief-wrc-27-agenda-item-1_18-resolves-1)  Resolves 2:  [CPG(24)024 ANNEX IV-18B - Draft CEPT Brief WRC-27 on Agenda Item 1.18 resolves 2](https://cept.org/documents/cpg/86934/cpg-24-024-annex-iv-18b_draft-cept-brief-wrc-27-on-agenda-item-1_18-resolves-2) |
| **Draft ECP:** |
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## ****Innspill fra aktører****

# Agendapunkt 1.19 – EESS (passiv) SST i 4 og 8 GHz

*1.19 to consider possible primary allocations in all Regions to the Earth exploration-satellite service (passive) in the frequency bands 4 200-4 400 MHz and 8 400-8 500 MHz, in accordance with* [*Resolution 674 (WRC-23).*](https://www.itu.int/dms_pub/itu-r/oth/0c/0a/R0C0A0000110019PDFE.pdf)

**CEPT ansvar:** PT A

**ITU-R ansvar:** WP 7C

**Om agendapunktet**

Det skal utføres deling- og kompatibilitetsstudier for å bestemme mulige fremtidige allokeringer for EESS (passiv) i 4 og 8 GHz båndet for å utføre temperaturmålinger på havoverflaten (sea surface temperature (SST)).

## Situasjonen etter 2. CPG (desember 2024)

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| **Preliminary CEPT position** |
| CEPT supports the primary allocation of the bands 4 200-4 400 MHz and 8 400-8 500 MHz for EESS (passive) without protection from existing services in the frequency bands and in adjacent bands. |

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| **AI 1.19** |  |  |
| **Prioritet fra norsk ståsted** | |  |
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| **Norsk standpunkt** | | |
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| **Draft CEPT Brief:** |
| [CPG(24)024 ANNEX IV-19 - Draft CEPT Brief on WRC-27 Agenda Item 1.19](https://cept.org/documents/cpg/86946/cpg-24-024-annex-iv-19_draft-cept-brief-on-wrc-27-agenda-item-1_19) |
| **Draft ECP:** |
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## ****Innspill fra aktører****

# Agendapunkt 2 – Gjennomgang av reviderte Rekommandasjoner som RR har henvisninger til

*2 to examine the revised ITU Radiocommunication Sector Recommendations incorporated by reference in the Radio Regulations communicated by the Radiocommunication Assembly, in accordance with further resolves of* [*Resolution 27 (Rev.WRC-19)*](https://www.itu.int/dms_pub/itu-r/oth/0c/0a/R0C0A0000110020PDFE.pdf)*, and to decide whether or not to update the corresponding references in the Radio Regulations, in accordance with the principles contained in resolves of that Resolution.*

**CEPT ansvar:** PT C

**ITU-R ansvar:** CPM27-2

**Om agendapunktet**

Fast agendapunkt til WRC. ITU-R Rekommandasjoner som har blitt oppdatert siden forrige WRC, og som er henvist til i RR, skal gjennomgås. WRC skal ta stilling til om RR skal ha henvisning til i den nye versjonen.

## Situasjonen etter 2. CPG (desember 2024)

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| **Preliminary CEPT position** |
| CEPT supports updating the reference(s) in relevant RR provisions.  CEPT resumes examining the compliance with the principles of Annex 1 to Resolution **27 (Rev.WRC‑19)** of the references to ITU-R Recommendations in the Radio Regulations.  CEPT supports update of the RR Volume 4 cross-reference list. |

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| **Draft CEPT Brief:** |
| [CPG(24)024 ANNEX IV-20 - Draft CEPT Brief on WRC-27 Agenda Item 2](https://cept.org/documents/cpg/86947/cpg-24-024-annex-iv-20_draft-cept-brief-on-wrc-27-agenda-item-2) |
| **Draft ECP:** |
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## ****Innspill fra aktører****

# Agendapunkt 3 – Oppdatere RR

*2 to consider such consequential changes and amendments to the Radio Regulations as may be necessitated by the decisions of the conference;*

**CEPT ansvar:**

**ITU-R ansvar:** Utenfor CPM sitt ansvar

**Om agendapunktet**

Fast agendapunkt til WRC. Endringer som må gjøres i RR som konsekvens av beslutningene som ble gjort på WRC.

# Agendapunkt 4 – Gjennomgang av Resolusjoner og Rekommandasjoner fra tidligere konferanser

*4 in accordance with* [*Resolution 95 (Rev.WRC-19)*](https://www.itu.int/dms_pub/itu-r/oth/0c/0a/R0C0A0000110021PDFE.pdf)*, to review the resolutions and recommendations of previous conferences with a view to their possible revision, replacement or abrogation.*

**CEPT ansvar:** PT C

**ITU-R ansvar:** CPM27-2

**Om agendapunktet**

Fast agendapunkt til WRC. Gjennomgang av alle Resolusjoner og Rekommandasjoner fra tidligere konferanser.

## Situasjonen etter 2. CPG (desember 2024)

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| **Preliminary CEPT position** |
| CEPT encourages the constant review of resolutions and recommendations from previous conferences and will follow activities, in particular of ITU, associated with this effort. |

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| **Prioritet fra norsk ståsted** | |  |
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| **Draft CEPT Brief:** |
| [CPG(24)024 ANNEX IV-21 - Draft CEPT Brief on WRC-27 Agenda Item 4](https://cept.org/documents/cpg/87029/cpg-24-024-annex-iv-21_draft-cept-brief-on-wrc-27-agenda-item-4) |
| **Draft ECP:** |
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## ****Innspill fra aktører****

# Agendapunkt 5 – Rapport fra RA

*5 to review, and take appropriate action on, the Report from the Radiocommunication Assembly submitted in accordance with Nos.* ***135*** *and* ***136*** *of the ITU Convention.*

**CEPT ansvar:**

**ITU-R ansvar:**

**Om agendapunktet**

Fast agendapunkt til WRC. RA arrangeres uka før WRC, det er derfor ikke noe aktivitet på dette agendapunktet før selve WRC.

# Agendapunkt 6 – Viktige saker for Studiegruppene

*6 to identify those items requiring urgent action by the radiocommunication study groups in preparation for the next world radiocommunication conference.*

**CEPT ansvar:**

**ITU-R ansvar:**

**Om agendapunktet**

Fast agendapunkt til WRC. Saker som trenger snarlig behandling i ITU-R SG.

# Agendapunkt 7 – Forbedringer av prosedyrer rundt koordinering av satellittnettverk

*7 to consider possible changes, in response to* [*Resolution* ***86 (Rev. Marrakesh, 2002)***](http://search.itu.int/history/HistoryDigitalCollectionDocLibrary/4.17.43.en.100.pdf)*of the Plenipotentiary Conference, on advance publication, coordination, notification and recording procedures for frequency assignments pertaining to satellite networks, in accordance with* [*Resolution* ***86 (Rev.WRC-​07)***](https://www.itu.int/dms_pub/itu-r/oth/0c/0a/R0C0A00000A0032PDFE.pdf)*, in order to facilitate the rational, efficient and economical use of radio frequencies and any associated orbits, including the geostationary-satellite orbit.*

**CEPT ansvar:** PT B

**ITU-R ansvar:** WP 4A

**Om agendapunktet**

Fast agendapunkt til WRC. Målet med agendapunktet er å forbedre prosedyrene og reglementet rundt innmelding av satellittbaneposisjoner og deres frekvensbruk. Under dette agendapunktet kan Studiegruppen bli enige om å legge til *topics* under agendapunktet.

Så langt er det ingen enighet om noen topics under agendapunkt 7.

## Situasjonen etter 2. CPG (desember 2024)

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| **Preliminary CEPT position** |
| CEPT supports:   * retaining the current process of continuing evolution at successive WRCs of the regime governing space services. CEPT also favours a stable and predictable regulatory framework for efficient use of spectrum and orbit resources. CEPT intends to develop specific positions susceptible to bring improvement to the regulatory process. * the review of any RR provision bringing accurate solutions to specific detected inconsistencies and develop new improved provisions with emphasis on solving the most urgent issues, i.e. well characterized matters addressed Topic by Topic, in order to avoid unintended consequences. * to review and consider each proposed Topic with a view to understand what it is trying to solve, before it becomes an agreed Topic under agenda item 7. * to address encountered coordination difficulties on a case-by-case basis. |

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| **AI 7** |  |  |
| **Prioritet fra norsk ståsted** | |  |
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| **Norsk standpunkt** | | |
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| **Draft CEPT Brief:** |
| [CPG(24)024 ANNEX IV-22 - Draft CEPT Brief on WRC-27 Agenda Item 7](https://cept.org/documents/cpg/87049/cpg-24-024-annex-iv-22_draft-cept-brief-on-wrc-27-agenda-item-7) |
| **Draft ECP:** |
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## ****Innspill fra aktører****

# Agendapunkt 8 – Fotnoter

*8 to consider and take appropriate action on requests from administrations to delete their country footnotes or to have their country name deleted from footnotes, if no longer required, taking into account* [*Resolution 26 (Rev.WRC-23*](https://www.itu.int/dms_pub/itu-r/oth/0c/0a/R0C0A0000110022PDFE.pdf)*).*

**CEPT ansvar:** PT C

**ITU-R ansvar:** CPM27-2

**Om agendapunktet**

Fast agendapunkt til WRC. For å oppnå mest mulig harmonisering er det ønskelig med minst mulig fotnoter i allokeringstabellen, Artikkel 5. Alle land skal derfor vurdere å stryke sitt navn fra fotnotene som man står oppført under.

Det er et tilbakevendende problem at land også ønsker å legge seg til i fotnoter, eller ønsker å opprette helt nye fotnoter. CEPT har klare standpunkt rundt dette, og ønsker at agendapunktet kun skal omfatte sletting av navn fra fotnoter.

## Fotnoter hvor Norge er nevnt direkte

Fotnotene under er hentet fra RR (WRC-23), og inkluderer ikke hvor hele Region 1 er nevnt.

**5.96** In Germany, Armenia, Austria, Azerbaijan, Belarus, Croatia, Denmark, Estonia, the Russian Federation, Finland, Georgia, Hungary, Ireland, Iceland, Israel, Kazakhstan, Latvia, Liechtenstein, Lithuania, Malta, Moldova, Norway, Uzbekistan, Poland, Kyrgyzstan, Slovakia, the Czech Rep., the United Kingdom, Sweden, Switzerland, Tajikistan, Turkmenistan and Ukraine, administrations may allocate up to 200 kHz to their amateur service in the frequency bands 1 715-1 800 kHz and 1 850-2 000 kHz. However, when allocating the frequency bands within this range to their amateur service, administrations shall, after prior consultation with administrations of neighbouring countries, take such steps as may be necessary to prevent harmful interference from their amateur service to the fixed and mobile services of other countries. The mean power of any amateur station shall not exceed 10 W. (WRC-15)

**5.161B** *Alternative allocation:* in Albania, Germany, Armenia, Austria, Belarus, Belgium, Bosnia and Herzegovina, Cyprus, Vatican, Croatia, Denmark, Spain, Estonia, Finland, France, Greece, Hungary, Ireland, Iceland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, North Macedonia, Malta, Moldova, Monaco, Montenegro, Norway, Uzbekistan, Netherlands, Portugal, Türkiye, Kyrgyzstan, Slovakia, Czech Rep., Romania, United Kingdom, San Marino, Slovenia, Sweden, Switzerland and Ukraine, the frequency band 42-42.5 MHz is allocated to the fixed and mobile services on a primary basis. (WRC-23)

**5.162A** *Additional allocation:* in Germany, Australia, Austria, Belgium, Bosnia and Herzegovina, China, Vatican, Korea (Rep. of), Denmark, Spain, Estonia, the Russian Federation, Finland, France, Indonesia, Ireland, Iceland, Italy, Japan, Latvia, Liechtenstein, Lithuania, Luxembourg, North Macedonia, Monaco, Montenegro, Norway, the Netherlands, Poland, Portugal, the Dem. People’s Rep. of Korea, the Czech Rep., the United Kingdom, Serbia, Slovenia, Sweden and Switzerland, the frequency band 46-68 MHz is also allocated to the radiolocation service on a secondary basis. This use is limited to the operation of wind profiler radars in accordance with Resolution **217 (Rev.WRC-23)**. (WRC-23)

**5.164** *Additional allocation:* in Albania, Algeria, Germany, Austria, Belgium, Bosnia and Herzegovina, Botswana, Bulgaria, Côte d'Ivoire, Croatia, Denmark, Spain, Estonia, Eswatini, Finland, France, Gabon, Greece, Hungary, Ireland, Israel, Italy, Jordan, Lebanon, Libya, Liechtenstein, Lithuania, Luxembourg, Madagascar, Mali, Malta, Morocco, Mauritania, Monaco, Montenegro, Nigeria, Norway, the Netherlands, Poland, Syrian Arab Republic, Türkiye, Slovakia, Czech Rep., Romania, the United Kingdom, Serbia, Slovenia, Sweden, Switzerland, Chad, Togo and Tunisia, the frequency band 47-68 MHz, in South Africa the frequency band 47-50 MHz, and in Latvia the frequency bands 48.5-56.5 MHz and 58-68 MHz, are also allocated to the land mobile service on a primary basis. However, stations of the land mobile service in the countries mentioned in connection with each frequency band referred to in this footnote shall not cause harmful interference to, or claim protection from, existing or planned broadcasting stations of countries other than those mentioned in connection with the frequency band. (WRC-23)

**5.211** *Additional allocation:* in Germany, Saudi Arabia, Austria, Bahrain, Belgium, Denmark, the United Arab Emirates, Spain, Finland, Greece, Guinea, Ireland, Israel, Kenya, Kuwait, Lebanon, Liechtenstein, Luxembourg, North Macedonia, Mali, Malta, Montenegro, Norway, the Netherlands, Qatar, Türkiye, Slovakia, the United Kingdom, Serbia, Slovenia, Somalia, Sweden, Switzerland, Tanzania and Tunisia, the frequency band 138-144 MHz is also allocated to the maritime mobile and land mobile services on a primary basis. (WRC-23)

**5.221** Stations of the mobile-satellite service in the frequency band 148-149.9 MHz shall not cause harmful interference to, or claim protection from, stations of the fixed or mobile services operating in accordance with the Table of Frequency Allocations in the following countries: Albania, Algeria, Germany, Saudi Arabia, Australia, Austria, Bahrain, Bangladesh, Barbados, Belarus, Belgium, Benin, Bosnia and Herzegovina, Botswana, Brunei Darussalam, Bulgaria, Cameroon, China, Cyprus, Congo (Rep. of the), Korea (Rep. of), Côte d'Ivoire, Croatia, Cuba, Denmark, Djibouti, Egypt, the United Arab Emirates, Eritrea, Spain, Estonia, Eswatini, Ethiopia, the Russian Federation, Finland, France, Gabon, Georgia, Ghana, Greece, Guinea, Guinea Bissau, Hungary, India, Iran (Islamic Republic of), Ireland, Iceland, Israel, Italy, Jamaica, Japan, Jordan, Kazakhstan, Kenya, Kuwait, Lesotho, Latvia, Lebanon, Libya, Liechtenstein, Lithuania, Luxembourg, North Macedonia, Malaysia, Mali, Malta, Mauritania, Moldova, Mongolia, Montenegro, Mozambique, Namibia, Norway, New Zealand, Oman, Uganda, Uzbekistan, Pakistan, Panama, Papua New Guinea, Paraguay, the Netherlands, the Philippines, Poland, Portugal, Qatar, the Syrian Arab Republic, Türkiye, Kyrgyzstan, Dem. People’s Rep. of Korea, Slovakia, Romania, the United Kingdom, Senegal, Serbia, Sierra Leone, Singapore, Slovenia, Somalia, Sudan, Sri Lanka, South Africa, Sweden, Switzerland, Tanzania, Chad, Togo, Tonga, Trinidad and Tobago, Tunisia, Ukraine, Viet Nam, Yemen, Zambia and Zimbabwe. (WRC-23)

**5.235** *Additional allocation:* in Germany, Austria, Belgium, Denmark, Spain, Finland, France, Israel, Italy, Liechtenstein, Malta, Monaco, Norway, the Netherlands, the United Kingdom, Sweden and Switzerland, the band 174-223 MHz is also allocated to the land mobile service on a primary basis. However, the stations of the land mobile service shall not cause harmful interference to, or claim protection from, broadcasting stations, existing or planned, in countries other than those listed in this footnote.

**5.274** *Alternative allocation:* in Denmark, Norway, Sweden and Chad, the bands 430-432 MHz and 438-440 MHz are allocated to the fixed and mobile, except aeronautical mobile, services on a primary basis. (WRC-12)

**5.295A** *Additional allocation:* in Albania, Germany, Andorra, Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Cyprus, Vatican, Croatia, Denmark, Estonia, Finland, France, Georgia, Greece, Hungary, Ireland, Iceland, Latvia, Liechtenstein, Lithuania, Luxembourg, North Macedonia, Malta, Moldova, Monaco, Montenegro, Norway, Uzbekistan, Kingdom of the Netherlands, Poland, Portugal, Türkiye, Slovakia, the Czech Republic, Romania, the United Kingdom, San Marino, Serbia, Slovenia, Sweden, Switzerland and Ukraine, the frequency band 470-694 MHz is allocated to the mobile, except aeronautical mobile, service on a secondary basis, subject to agreement obtained under No. **9.21**. For the protection of the broadcasting service, stations in the mobile service shall not create a field strength for more than 1% of the time at the highest of the clutter height or 10 m above ground level at the border of the territory of any other administration that exceeds the field strength value as calculated using § 4.1.3.2 of Annex 2 to the GE06 Agreement with regard to allowance for multiple interference, Table A.1.10 and the methodology given in the GE06 Agreement. These limits may be exceeded on the territory of any country whose administration has so agreed. This allocation shall in no way adversely affect the broadcast development or undermine new entries of the broadcasting service to the GE06 Plan. (WRC-23)

**5.296** *Additional allocation:* in Albania, Algeria, Germany, Angola, Saudi Arabia, Austria, Bahrain, Belgium, Benin, Bosnia and Herzegovina, Botswana, Bulgaria, Burkina Faso, Burundi, Cameroon, Vatican, Congo (Rep. of the), Côte d’Ivoire, Croatia, Denmark, Djibouti, Egypt, United Arab Emirates, Spain, Estonia, Eswatini, Finland, France, Gabon, Gambia, Georgia, Ghana, Hungary, Iraq, Ireland, Iceland, Israel, Italy, Jordan, Kenya, Kuwait, Lesotho, Latvia, Lebanon, Libya, Liechtenstein, Lithuania, Luxembourg, North Macedonia, Malawi, Mali, Malta, Morocco, Mauritius, Mauritania, Moldova, Monaco, Mozambique, Namibia, Niger, Nigeria, Norway, Oman, Uganda, Palestine\*, the Netherlands, Poland, Portugal, Qatar, the Syrian Arab Republic, Türkiye, Slovakia, the Czech Republic, Romania, the United Kingdom, Rwanda, San Marino, Senegal, Serbia, Sudan, South Africa, Sweden, Switzerland, Tanzania, Chad, Togo, Tunisia, Ukraine, Zambia and Zimbabwe, the frequency band 470-694 MHz is also allocated on a secondary basis to the land mobile service, intended for applications ancillary to broadcasting and programme**-**making. Stations of the land mobile service in the countries listed in this footnote shall not cause harmful interference to existing or planned stations operating in accordance with the Table in countries other than those listed in this footnote. (WRC-23)

**5.331** *Additional allocation:* in Algeria, Germany, Saudi Arabia, Australia, Austria, Bahrain, Belarus, Belgium, Benin, Bosnia and Herzegovina, Brazil, Burkina Faso, Burundi, Cameroon, China, Korea (Rep. of), Croatia, Denmark, Djibouti, Egypt, the United Arab Emirates, Estonia, the Russian Federation, Finland, France, Ghana, Greece, Guinea, Equatorial Guinea, Hungary, India, Indonesia, Iran (Islamic Republic of), Iraq, Ireland, Israel, Jordan, Kenya, Kuwait, Lesotho, Latvia, Lebanon, Liechtenstein, Lithuania, Luxembourg, North Macedonia, Madagascar, Mali, Mauritania, Montenegro, Nigeria, Norway, Oman, Pakistan, Palestine\*, the Kingdom of the Netherlands, Poland, Portugal, Qatar, the Syrian Arab Republic, Türkiye, Dem. People’s Rep. of Korea, Slovakia, the United Kingdom, Serbia, Slovenia, Somalia, Sudan, South Sudan, Sri Lanka, South Africa, Sweden, Switzerland, Thailand, Togo, Venezuela and Viet Nam, the frequency band 1 215-1 300 MHz is also allocated to the radionavigation service on a primary basis. In Canada and the United States, the frequency band 1 240-1 300 MHz is also allocated to the radionavigation service, and use of the radionavigation service shall be limited to the aeronautical radionavigation service. (WRC-23)

**5.536B** In Algeria, Saudi Arabia, Austria, Bahrain, Belgium, Brazil, China, Korea (Rep. of), Denmark, Egypt, United Arab Emirates, Estonia, Finland, Hungary, India, Iran (Islamic Republic of), Iraq, Ireland, Israel, Italy, Jordan, Kenya, Kuwait, Lebanon, Libya, Lithuania, Moldova, Norway, Oman, Uganda, Pakistan, the Philippines, Poland, Portugal, Qatar, the Syrian Arab Republic, Türkiye, Dem. People’s Rep. of Korea, Slovakia, the Czech Rep., Romania, the United Kingdom, Singapore, Slovenia, Somalia, Sudan, Sweden, Tanzania, Viet Nam and Zimbabwe, earth stations operating in the Earth exploration-satellite service in the frequency band 25.5-27 GHz shall not claim protection from, or constrain the use and deployment of, stations of the fixed and mobile services. Resolution **242 (Rev.WRC-23)** applies. (WRC-23)

## Situasjonen etter 2. CPG (desember 2024)

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| **Preliminary CEPT position** |
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| **AI 8** |  |  |
| **Prioritet fra norsk ståsted** | |  |
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| **Norsk standpunkt** | | |
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| **Draft CEPT Brief:** |
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| **Draft ECP:** |
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## ****Innspill fra aktører****

# Agendapunkt 9 – Rapport fra direktøren i BR

*9 to consider and approve the Report of the Director of the Radiocommunication Bureau, in accordance with Article 7 of the ITU Convention:*

*9.1 on the activities of the ITU Radiocommunication Sector since WRC-23.*

**Om agendapunktet**

Direktørens rapport for aktiviteter innen ITU-R siden WRC-23. Under dette agendapunktet kan konferansen bli enige om å legge *topics* som ikke krever endringer i allokeringstabellen i Artikkel 5 i RR. Dette kan også være forstudier for noe som forventes å bli et agendapunkt for neste konferanse.

*Topics* under AI 9.1 får ikke foreslå endringer i allokeringstabellen.

Det er ingen topics under AI 9.1 for WRC-27.

# Agendapunkt 9.2 – Uoverensstemmelser i RR

*9.2 on any difficulties or inconsistencies encountered in the application of the Radio Regulations.*

**CEPT ansvar:** PT B / alle

**ITU-R ansvar:**

**Om agendapunktet**

Innsamling av informasjon om eventuelle vanskeligheter som man har støtt på i bruken av RR, og forslag til hvordan man kan løse disse.

## Situasjonen etter 2. CPG (desember 2024)

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| **Preliminary CEPT position** |
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## ****NORWRC-27 #1****

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| **AI 9.2** |  |  |
| **Prioritet fra norsk ståsted** | |  |
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| **Norsk standpunkt** | | |
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| **Draft CEPT Brief:** |
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| **Draft ECP:** |
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## ****Innspill fra aktører****

# Agendapunkt 9.3 – Resolusjon 80

*9.3 on action in response to* [*Resolution 80 (Rev.WRC-07)*](https://www.itu.int/dms_pub/itu-r/oth/0c/0a/R0C0A00000A0031PDFE.pdf)*.*

**CEPT ansvar:** PT B

**ITU-R ansvar:**

**Om agendapunktet**

I samsvar med prinsipper nedlagt i §44 i Konstitusjonen skal man arbeide for effektiv utnyttelse av radiospektrumet og satellittbaneposisjoner.

## Situasjonen etter 2. CPG (desember 2024)

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| **Preliminary CEPT position** |
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## ****NORWRC-27 #1****

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| **AI 9.3** |  |  |
| **Prioritet fra norsk ståsted** | |  |
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| **Norsk standpunkt** | | |
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| **Draft CEPT Brief:** |
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| **Draft ECP:** |
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## ****Innspill fra aktører****

# Agendapunkt 10 – Agenda for neste radiokonferanse

*10 to recommend to the ITU Council items for inclusion in the agenda for the next world radiocommunication conference, and items for the preliminary agenda of future conferences, in accordance with Article 7 of the ITU Convention and* [*Resolution 804 (Rev.WRC-23)*](https://www.itu.int/dms_pub/itu-r/oth/0c/0a/R0C0A0000110023PDFE.pdf)*.*

**CEPT ansvar:** PT C

**ITU-R ansvar:**

**Om agendapunktet**

Fast agendapunkt til WRC. WRC-27 skal sende en anbefaling til ITU Council om agendaen til WRC-31.

Foreløpig agenda for WRC-31 ble laget under WRC-23 og finnes i [Resolution 814 (WRC-23)](https://www.itu.int/dms_pub/itu-r/oth/0c/0a/R0C0A0000110039PDFE.pdf). Agendapunktene som er foreslått her skal diskuteres under AI 10.

## Situasjonen etter 2. CPG (desember 2024)

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| **Preliminary CEPT position** |
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## ****NORWRC-27 #1****

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| **AI 10** |  |  |
| **Prioritet fra norsk ståsted** | |  |
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| **Norsk standpunkt** | | |
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| **Draft CEPT Brief:** |
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| **Draft ECP:** |
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## ****Innspill fra aktører****

# Ordliste

|  |  |
| --- | --- |
| 3GPP | 3rd Generation Partnership Project |
| AIS | Automatic Identification System |
| AM(R)S | Aeronautical Mobile (Route) Service |
| AMS(R)S | Aeronautical Mobile Satellite (Route) Service |
| AMT | Aeronautical Mobile Telemetry |
| API | Advance Publication Information |
| APT | Asia Pacific Telecommunity |
| ARNS | Aeronautical Radio Navigation Service |
| ASM | Application Specific Message |
| BBiU | Bringing Back into Use |
| BiU | Bringing into Use |
| BR | ITU Radiocommunication Bureau |
| BS | Broadcasting Service |
| BSS | Broadcasting Satellite Service |
| CEPT | European Conference of Postal and Telecommunications Administrations |
| CGC | Complementary Ground Component |
| CNPC | Control and Non-Payload Communications |
| CPG | Conference Preparatory Group |
| CPM | Conference Preparatory Meeting |
| CTCSS | Continuous Tone Controlled Squelch System |
| DSC | Digital Selective Calling |
| DTT | Digital Terrestrial Television |
| ECP | European Common Proposal |
| EESS | Earth Exploration Satellite Service |
| ES | Earth Station |
| E-s | Earth-to-space |
| ESIM | Earth Stations In Motion |
| ESOMPs | Earth Stations On Mobile Platforms |
| ESV | Earth Stations onboard Vessels |
| EU | European Union |
| EVA | Extra-Vehicular Activity |
| FS | Fixed Service |
| FSS | Fixed Satellite Service |
| GADSS | Global Aeronautical Distress and Safety System |
| GE06 | Avtale for koordinering av digital kringkasting |
| GMDSS | Global Maritime Distress Safety System |
| HAPS | High Altitude Platforms |
| HDFSS | High Density FSS, ukoordinerte ES |
| HIBS | High-altitude platform stations as IMT base stations |
| IALA | International Association of Lighthouse Authorities |
| ICAO | International Civil Aviation Organization |
| IMO | International Maritime Organization |
| IMT | International Mobile Telecommunication |
| ITS | Intelligent Transport System |
| ITU | International Telecommunication Union |
| ITU-R | ITU Radicommunication sector |
| LMS | Land Mobile Service |
| MetSat | meteorological-satellite |
| MLS | Microwave Landing System |
| MMS | Maritime Mobile Service |
| MMSS | Maritime Mobile Satellite Service |
| MRNS | Maritime Radionavigation Service |
| MS | Mobile Service |
| MSS | Mobile Satellite Service |
| n-GSO | non-Geostationary Satellite Orbit |
| NCMC  NJFA | Network Control and Monitoring Centre  NATO Joint Frequency Agreement |
| NOC | No Change |
| OOBE | Out-of-Band Emissions |
| PFD | Power Flux Density |
| PMSE | Programme Making and Special Events |
| PPDR | Public Protection and Disaster Relief |
| PT | Project Team |
| PT1 | ECC PT1 IMT Matters |
| RA | Radio Assembly |
| RAG | Radio Advisery Group |
| RAS | Radio Astronomy Service |
| RDS | Radio Determination Service |
| RFC | Request for Coordination |
| RLAN | Radio Local Area Network |
| RLS | Radio Location Service |
| RNS | Radio Navigation Service |
| RoP | Rules of Procedure |
| RR | Radio Regulations |
| RRB | Radio Regulations Board |
| SAR | Synthetic Aperture Radar |
| SAR | Search and Rescue |
| SC | Special Committee |
| SD | Samferdselsdepartementet |
| SDL | Supplementary Downlink |
| SG | Study Group |
| s-E | Space-to-Earth |
| SOS | Space Operation Service |
| SRS | Space Research Service |
| SST | Sea Surface Temprature |
| TT&C | Telemetry, tracking and command |
| UAS | Unmanned Aircraft System |
| UTC | Universal Coordinated Time |
| VDES | VHF Data Exchange System |
| WAIC | Wireless Avionics Intra-Communications |
| WAS | Wireless Access System |
| WP | Working Party |
| WP 4A | ITU arbeidsgruppe for effektiv bruk av FSS og BSS |
| WP 5B | ITU arbeidsgruppe for MMS, GMDSS, AMS, RLS, RDS |
| WP 5D | ITU arbeidsgruppe for IMT |
| WPT | Wireless Power Transmission |
| WRC | World Radiocommunication Conference |

# Anneks 1 – Offisielle møtereferater fra CPG møter

CPG27-2 – desember 2024

[CPG(24)024 - Minutes of CPG27-2](https://cept.org/ecc/groups/ecc/cpg/client/meeting-documents/file-history?fid=86774)

CPG27-1 – mai 2024

[CPG(24)009 - Minutes of CPG27 Meeting 1](https://cept.org/documents/cpg/83843/cpg-24-009_minutes-of-cpg27-meeting-1)

# Anneks 2 – Mottatte forslag til norske standpunkt

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| **Luftfartstilsynet** | **Jotron** | **Meteorologisk institutt** | |
| **Norsk Romsenter** | **Norsk Radio Relæ Liga** | **Norsk Flygerforbund** | |
| **Telenor** | **Space Norway** | **Q-Free** | |
| **Kystverket** | **Telia Company** | **Forsvaret** | |
| **Ericsson** | **NRK** | **ICE** | |
| **Telenor Kystradio** | **Statens Vegvesen** | | **NTV** |

# Anneks 3 – Standpunkt fra andre aktører

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| **RSPG Opinion** |  |  |

# Anneks 4 – CPM Report med Corrigendums