



## Radiocommunication Bureau

(Direct Fax N°. +41 22 730 57 85)

Circular Letter  
CR/251

31 March 2006

### To Administrations of Member States of the ITU

**Subject:** Change of coordination previously initiated under Resolution 77 (WRC-2000) to coordination under No. 9.14 for the fixed-satellite service in the frequency band 11.7-12.2 GHz

Reference: Resolution 142 (WRC-03)

### To the Director General

Dear Sir/Madam,

1. The World Radiocommunication Conference (Geneva 2003) modified No. 5.488 of the Radio Regulations and thus made the use of the frequency band 11.7-12.2 GHz by geostationary-satellite networks in the fixed-satellite service in Region 2 subject to coordination with terrestrial services under No. 9.14. It also abrogated Resolution 77 (WRC-2000) and adopted transitional arrangements in Resolution 142 (WRC-03). Resolution 142 is reproduced for convenience in Annex 1.
2. Under *resolves 2* of Resolution 142, the Radiocommunication Bureau is required to apply No. 9.14 to requests for coordination processed previously under Resolution 77 and to initiate the process relevant to No. 9.14. The Bureau is pleased to inform administrations of the arrangements made for the implementation of this requirement.
3. For all frequency assignments to which Resolution 77 was applied, as published previously in requests for coordination, the Bureau has changed the provision symbol from RS77 to 9.14 in its main database (SNS) and has thus converted coordination requirements previously identified under Resolution 77 to administrations identified under No. 9.14. The list of the 110 satellite networks affected by this change along with their relevant CR/C coordination special sections is provided in Table 1 of Annex 2. The Bureau hereby announces that the period of four months for comments under Nos. 9.50-9.52 in respect of these coordination requests under No. 9.14 will commence on 18 April 2006, the date of issue of BR IFIC (Space Services) No. 2567, and will end on 18 August 2006.
4. In its regular BR IFIC (Space Services) No. 2567, to be issued on 18 April 2006, the Bureau will: (i) publish the list of satellite networks contained in Table 1 of Annex 2 to this Circular Letter; (ii) include an extract from its main SNS database, named **IFICrs77.mdb**, containing all relevant parts of those networks, with the coordination symbol converted to 9.14; and (iii) include a special software named **RS77Com** (a derivative of SpaceCom software with which administrations are familiar) to be used with the **IFICrs77.mdb** database by administrations in order to prepare comments under No.9.52

in respect of No. **9.14** and send them to the Bureau. Details concerning the location of the **IFICrs77.mdb** database and the installation and use of the **RS77Com** software will be provided in BR IFIC 2567. The information in (i) to (iii) above will also be placed on the BR Space Services website at: <http://www.itu.int/ITU-R/space/brific/res77/>.

5. Administrations are requested to note that, as in all other cases, comments under Nos. **9.50** to **9.52** are to be addressed to the administrations responsible for the satellite networks listed (by letter or telefax) with a copy to the Bureau, and that a disagreement under No. **9.52** is to be complemented by information concerning the frequency assignments upon which it is based. The main purpose of comments created using the **RS77Com** software, as in the case of those created using SpaceCom, is to help the Bureau collect precise objections and subsequently publish them in CR/D special sections.

6. Since the power flux-density trigger value for identifying potentially affected administrations remained unchanged, the lists of administrations identified under No. **9.14** are the same as those previously published under Resolution **77** in the CR/C special sections indicated in Table 1 of Annex 2 and these lists will not be republished. However, the following corrections have been made in the SNS and the **IFICrs77.mdb** database: (i) MEX and USA (for its territories in Region 2) no longer appear as the identified administrations - they have secondary or no terrestrial allocation in the band 11.7-12.2 GHz; and (ii) all other administrations of Region 2 (except PRU) have likewise been removed for groups of frequency assignments that cover only the frequency band 12.1-12.2 GHz - there is no terrestrial allocation for Region 2 in that band. Administrations are advised to consult the relevant CR/C special sections listed in Table 1 of Annex 2 regarding the detailed characteristics of the frequency assignments concerned and administrations identified. These special sections are available on the indicated BR IFIC (Space Services) CR-ROMs previously sent to all administrations or from the DVD collection of all space-related WIC/IFICs and special sections published by ITU in 2005. Administrations are requested to note that, in accordance with No. **9.36.1**, the lists of administrations identified under No. **9.14** are only for information, to help administrations comply with the applicable procedure.

7. Upon expiry of the period for comments indicated in this Circular Letter, the Bureau will publish the corresponding CR/D special sections under No. **9.53A**.

8. In order to implement *resolves 3* of Resolution **142**, the Bureau has likewise changed provision symbols from RS77 to 9.14 in its SNS database for three recorded satellite networks listed in Table 2 of Annex 2. The agreement status of the relevant assignments remains unchanged. These recorded networks will not be republished. In any notification under Article **11** of the Radio Regulations awaiting treatment by the Bureau the same change will be made.

9. The Bureau remains at the disposal of administrations for any further information or assistance they might require. Please address your queries to the ITU contact person, Mr. Y. Henri, telephone: +41 22 730 55 36, fax: +41 22 730 57 85, e-mail: [yvon.henri@itu.int](mailto:yvon.henri@itu.int).

Yours faithfully,

Valery Timofeev  
Director, Radiocommunication Bureau

**Attachments:** 2

Distribution:

- Administrations of Member States of the ITU
- Members of the Radio Regulations Board

## Annex 1

### RESOLUTION 142 (WRC-03)

#### **Transitional arrangements relating to use of the frequency band 11.7-12.2 GHz by geostationary-satellite networks in the fixed-satellite service in Region 2**

The World Radiocommunication Conference (Geneva, 2003),

*considering*

- a) that, in Region 2, the band 11.7-12.1 GHz is allocated on a co-primary basis to terrestrial services (except in the countries listed in No. **5.486**) and to the fixed-satellite service (FSS);
- b) that, in Region 2, the band 12.1-12.2 GHz is allocated on a co-primary basis to terrestrial services in Peru (see No. **5.489**) and to the FSS;
- c) that, in Regions 1 and 3, the band 11.7-12.2 GHz is allocated on a co-primary basis to terrestrial services and to the broadcasting-satellite service (BSS);
- d) that WRC-2000 adopted Resolution **77** to protect terrestrial services in Regions 1, 2 and 3 from geostationary-satellite (GSO) networks in the FSS in Region 2, but did not clarify which procedures should be applied;
- e) that the Rule of Procedure concerning No. **5.488** extended the applicability of Resolution **77** to coordination requests received from 1 January 1999 and to coordination requests received prior to 1 January 1999 for which Special Sections under former Article **14** had not been published;
- f) that this Conference suppressed Resolution **77** and, through revision of No. **5.488**, replaced it with application of No. **9.14** for FSS in Region 2 to coordinate with stations in terrestrial services in all three Regions,

*recognizing*

that transitional measures are needed to address implementation of No. **9.14** for GSO FSS in Region 2 in the band 11.7-12.2 GHz,

*resolves*

- 1 that, for requests for coordination under Article **9** for GSO networks in the FSS in Region 2 in the band 11.7-12.2 GHz for which complete Appendix **4** information was received after 1 May 2002 by the Bureau, the Bureau shall apply No. **9.14** as adopted at this Conference;
- 2 that, for requests for coordination processed previously under Resolution **77**, the Bureau shall apply No. **9.14** as adopted at this Conference which may involve publication of a list of such networks to initiate the No. **9.14** process;
- 3 that, for requests for notification under Article **11** involving networks processed under *resolves* 1 and 2 above, the provisions in Article **11** associated with No. **9.14** shall be applied;
- 4 that the provisions of Nos. **5.488**, **9.14** and the part of Table 5-1 of Appendix **5** (**Rev.WRC-03**) referring to No. **9.14** as amended by this Conference shall be provisionally applied as from 5 July 2003.

## Annex 2

**Table 1 – List of coordination requests of satellite networks involved in conversion of coordination requirements of RS77 to those of No. 9.14**

| Notice ID | Satellite network name | Longitude | ADM/Org | Ntf_rsn | CR/C No. | MOD No. | IFIC No. | IFIC Date  |
|-----------|------------------------|-----------|---------|---------|----------|---------|----------|------------|
| 99520008  | P-P-SAT-1              | -81       | ARG     | C       | 151      |         | 2469     | 14.05.2002 |
| 101520009 | TANGO-A                | -63       | ARG     | C       | 929      |         | 2493     | 06.05.2003 |
| 97520356  | B-SAT I                | -63       | B       | C       | 218      | 1       | 2481     | 29.10.2002 |
| 100520122 | B-SAT-1B               | -10       | B       | C       | 763      |         | 2488     | 25.02.2003 |
| 100520088 | B-SAT-3F               | -65       | B       | C       | 522      | 1       | 2487     | 11.02.2003 |
| 100520089 | B-SAT-3G               | -84       | B       | C       | 523      | 1       | 2487     | 11.02.2003 |
| 97520363  | B-SAT-Q                | -61       | B       | C       | 807      |         | 2489     | 11.03.2003 |
| 97520364  | B-SAT-R                | -65       | B       | C       | 405      |         | 2480     | 15.10.2002 |
| 99520369  | B-SAT-S                | -75       | B       | C       | 191      |         | 2471     | 11.06.2002 |
| 99520370  | B-SAT-T                | -90       | B       | C       | 192      |         | 2471     | 11.06.2002 |
| 99520371  | B-SAT-U                | -94       | B       | C       | 193      |         | 2471     | 11.06.2002 |
| 99520372  | B-SAT-V                | -51.5     | B       | C       | 194      |         | 2471     | 11.06.2002 |
| 99520373  | B-SAT-W                | -48       | B       | C       | 195      |         | 2471     | 11.06.2002 |
| 99520374  | B-SAT-X                | -43       | B       | C       | 196      |         | 2471     | 11.06.2002 |
| 100520121 | B-SAT-Y                | -26       | B       | C       | 764      |         | 2488     | 25.02.2003 |
| 100520120 | B-SAT-Z                | -16.5     | B       | C       | 765      |         | 2488     | 25.02.2003 |
| 99520136  | INTERSPUTNIK-153.5EQ   | 153.5     | BLR/IK  | C       | 145      |         | 2469     | 14.05.2002 |
| 99520131  | INTERSPUTNIK-3W-Q      | -3        | BLR/IK  | C       | 146      |         | 2469     | 14.05.2002 |
| 99520171  | ANIK-F1                | -107.3    | CAN     | C       | 176      |         | 2470     | 28.05.2002 |
|           |                        |           |         |         | 176      | 1       | 2490     | 25.03.2003 |
| 100520282 | ANIK-F2                | -111.1    | CAN     | C       | 665      |         | 2486     | 28.01.2003 |
| 101520036 | CANSAT-17              | -114.9    | CAN     | C       | 827      |         | 2490     | 25.03.2003 |
| 101520037 | CANSAT-18              | -118.7    | CAN     | C       | 833      |         | 2490     | 25.03.2003 |
| 99520510  | COLOMBIA-1A            | -75.4     | CLM     | C       | 389      |         | 2480     | 15.10.2002 |

| Notice ID | Satellite network name | Longitude | ADM/Org | Ntf_rsn | CR/C No. | MOD No. | IFIC No. | IFIC Date  |
|-----------|------------------------|-----------|---------|---------|----------|---------|----------|------------|
| 99520511  | COLOMBIA-2             | -75       | CLM     | C       | 390      |         | 2480     | 15.10.2002 |
| 99520512  | COLOMBIA-2A            | -73       | CLM     | C       | 391      |         | 2480     | 15.10.2002 |
| 99520514  | COLOMBIA-4             | -70.5     | CLM     | C       | 393      |         | 2480     | 15.10.2002 |
| 100520256 | HISPASAT-2D KU         | -30       | E       | C       | 653      |         | 2486     | 28.01.2003 |
| 100520048 | F-SAT-KU-E-5W          | -5        | F       | C       | 479      |         | 2482     | 12.11.2002 |
| 101520008 | F-SAT-KU-E-8W          | -8        | F       | C       | 797      |         | 2489     | 11.03.2003 |
| 101520279 | GEOSAT KU 1E           | 1         | F       | C       | 917      |         | 2493     | 06.05.2003 |
| 101520284 | GEOSAT KU 1W           | -1        | F       | C       | 916      |         | 2493     | 06.05.2003 |
| 101520285 | GEOSAT KU 3W           | -3        | F       | C       | 918      |         | 2493     | 06.05.2003 |
| 96520185  | VIDEOSAT-5-KA          | -7        | F       | C       | 94       | 3       | 2479     | 01.10.2002 |
| 92520048  | VIDEOSAT-6             | -8        | F       | C       | 92       | 3       | 2479     | 01.10.2002 |
| 96520186  | VIDEOSAT-6-KA          | -8        | F       | C       | 95       | 3       | 2479     | 01.10.2002 |
| 92520049  | VIDEOSAT-7             | -5        | F       | C       | 93       | 5       | 2490     | 25.03.2003 |
| 96520187  | VIDEOSAT-7-KA          | -5        | F       | C       | 96       | 6       | 2490     | 25.03.2003 |
| 99520184  | VIDEOSAT-8-KU-C        | 3         | F       | C       | 97       | 3       | 2479     | 01.10.2002 |
| 95520016  | EUTELSAT 3-12.5W       | -12.5     | F/EUT   | C       | 499      |         | 2482     | 12.11.2002 |
| 100520073 | EUTELSAT 3-64W         | -64       | F/EUT   | C       | 501      |         | 2482     | 12.11.2002 |
| 95520018  | EUTELSAT 3-7E          | 7         | F/EUT   | C       | 489      |         | 2482     | 12.11.2002 |
| 100520328 | GIBSAT-3               | -135      | G       | C       | 681      |         | 2487     | 11.02.2003 |
| 100520329 | GIBSAT-4               | -137      | G       | C       | 682      |         | 2487     | 11.02.2003 |
| 100520330 | GIBSAT-5               | -139      | G       | C       | 683      |         | 2487     | 11.02.2003 |
| 101520092 | GIBSAT-6               | -64       | G       | C       | 866      |         | 2491     | 08.04.2003 |
| 100520331 | GIBSAT-7               | -37.5     | G       | C       | 684      |         | 2487     | 11.02.2003 |
| 100520332 | GIBSAT-8               | -47       | G       | C       | 685      |         | 2487     | 11.02.2003 |
| 102520056 | IOMSAT-11              | -115      | G       | C       | 1049     |         | 2498     | 15.07.2003 |
| 102520057 | IOMSAT-12              | 115.5     | G       | C       | 1050     |         | 2498     | 15.07.2003 |
| 102520053 | IOMSAT-7               | -89       | G       | C       | 1046     |         | 2498     | 15.07.2003 |
| 102520055 | IOMSAT-9               | -97       | G       | C       | 1048     |         | 2498     | 15.07.2003 |
| 100520054 | NSS-15                 | -21.5     | HOL     | C       | 459      |         | 2481     | 29.10.2002 |
| 100520053 | NSS-16                 | -22       | HOL     | C       | 460      | 2       | 2493     | 06.05.2003 |

| Notice ID | Satellite network name | Longitude | ADM/Org | Ntf_rsn | CR/C No. | MOD No. | IFIC No. | IFIC Date  |
|-----------|------------------------|-----------|---------|---------|----------|---------|----------|------------|
| 100520133 | NSS-17                 | -75.5     | HOL     | C       | 517      |         | 2483     | 26.11.2002 |
| 100520134 | NSS-18                 | -40.5     | HOL     | C       | 526      |         | 2483     | 26.11.2002 |
| 100520135 | NSS-19                 | -177      | HOL     | C       | 527      |         | 2483     | 26.11.2002 |
| 101520006 | NSS-20                 | 2         | HOL     | C       | 828      |         | 2490     | 25.03.2003 |
|           |                        |           |         |         | 828      | 1       | 2492     | 22.04.2003 |
| 100520205 | NSS-27                 | -131      | HOL     | C       | 605      |         | 2485     | 14.01.2003 |
| 101520030 | NSS-29                 | -178      | HOL     | C       | 812      |         | 2489     | 11.03.2003 |
| 101520031 | NSS-30                 | -176.3    | HOL     | C       | 811      |         | 2489     | 11.03.2003 |
| 101520057 | NSS-31                 | -20       | HOL     | C       | 830      |         | 2490     | 25.03.2003 |
| 101520051 | NSS-32                 | 1         | HOL     | C       | 928      |         | 2493     | 06.05.2003 |
| 94520221  | JCSAT-1R               | 150       | J       | C       | 209      | 1       | 2484     | 10.12.2002 |
|           |                        |           |         |         | 209      | 3       | 2497     | 01.07.2003 |
| 94520222  | JCSAT-2R               | 154       | J       | C       | 210      | 1       | 2484     | 10.12.2002 |
|           |                        |           |         |         | 210      | 3       | 2497     | 01.07.2003 |
| 98520092  | N-SAT-127W             | -127      | J       | C       | 568      |         | 2484     | 10.12.2002 |
| 98520088  | N-SAT-143W             | -143      | J       | C       | 572      |         | 2484     | 10.12.2002 |
| 98520072  | N-SAT-173W             | -173      | J       | C       | 582      |         | 2484     | 10.12.2002 |
| 95520262  | SUPERBIRD-A2           | 158       | J       | C       | 588      |         | 2484     | 10.12.2002 |
| 95520263  | SUPERBIRD-B2           | 162       | J       | C       | 305      | 1       | 2484     | 10.12.2002 |
| 94520266  | SUPERBIRD-C            | 144       | J       | C       | 589      |         | 2484     | 10.12.2002 |
| 96520080  | MORELOS 2              | -116.8    | MEX     | C       | 4        |         | 2461     | 22.01.2002 |
| 101520262 | SATMEX 6               | -109.2    | MEX     | C       | 972      |         | 2495     | 03.06.2003 |
| 99520007  | MEASAT-148E            |           | MLA     | C       | 44       |         | 2464     | 05.03.2002 |
| 95520340  | MEASAT-SA1             | 5.7       | MLA     | C       | 104      | 1       | 2491     | 08.04.2003 |
| 99520503  | BIFROST-14             | -1        | NOR     | C       | 363      |         | 2479     | 01.10.2002 |
| 99520461  | PACSTAR-L4             | -121      | PNG     | C       | 354      |         | 2479     | 01.10.2002 |
| 100520476 | THAICOM-W2             | -62.5     | THA     | C       | 784      |         | 2489     | 11.03.2003 |
| 100520477 | THAICOM-W4             | -134      | THA     | C       | 785      |         | 2489     | 11.03.2003 |
| 100520145 | URUSAT-3               | -78       | URG     | C       | 544      |         | 2483     | 26.11.2002 |
| 100520146 | URUSAT-4               | -75.5     | URG     | C       | 545      |         | 2483     | 26.11.2002 |

| Notice ID | Satellite network name | Longitude | ADM/Org | Ntf_rsn | CR/C No. | MOD No. | IFIC No. | IFIC Date  |
|-----------|------------------------|-----------|---------|---------|----------|---------|----------|------------|
| 100520246 | INTELSAT10 310E        | -50       | USA     | C       | 623      |         | 2485     | 14.01.2003 |
|           |                        |           |         |         | 623      | 1       | 2489     | 11.03.2003 |
| 100520245 | INTELSAT10 359E        | -1        | USA     | C       | 602      |         | 2485     | 14.01.2003 |
|           |                        |           |         |         | 602      | 1       | 2489     | 11.03.2003 |
| 100520191 | INTELSAT7 176E         | 176       | USA     | C       | 512      |         | 2483     | 26.11.2002 |
| 100520192 | INTELSAT7 178E         | 178       | USA     | C       | 513      |         | 2483     | 26.11.2002 |
| 100520136 | INTELSAT8 176E         | 176       | USA     | C       | 451      |         | 2481     | 29.10.2002 |
| 100520137 | INTELSAT8 178E         | 178       | USA     | C       | 450      |         | 2481     | 29.10.2002 |
| 94520202  | INTELSAT8 307E         | -53       | USA     | C       | 179      |         | 2470     | 28.05.2002 |
| 94520201  | INTELSAT8 328.5E       | -31.5     | USA     | C       | 182      |         | 2470     | 28.05.2002 |
| 94520043  | INTELSAT8 330.5E       | -29.5     | USA     | C       | 183      |         | 2470     | 28.05.2002 |
| 94520046  | INTELSAT8 340E         | -20       | USA     | C       | 186      |         | 2470     | 28.05.2002 |
| 92520099  | INTELSAT8 342E         | -18       | USA     | C       | 187      |         | 2470     | 28.05.2002 |
| 94520198  | INTELSAT8 359E         | -1        | USA     | C       | 188      |         | 2470     | 28.05.2002 |
| 95520322  | USASAT-14L             | -15       | USA     | C       | 414      |         | 2481     | 29.10.2002 |
| 90500319  | USASAT-24L             | -95       | USA     | C       | 1017     |         | 2497     | 01.07.2003 |
| 94520094  | USASAT-26A             | -37.5     | USA     | C       | 652      |         | 2486     | 28.01.2003 |
| 99520243  | USASAT-35A             | -131      | USA     | C       | 256      | 1       | 2480     | 15.10.2002 |
| 99520520  | USASAT-35C             | -127      | USA     | C       | 401      |         | 2480     | 15.10.2002 |
| 99520519  | USASAT-35D             | -125      | USA     | C       | 404      |         | 2480     | 15.10.2002 |
| 99520517  | USASAT-35E             | -123      | USA     | C       | 398      |         | 2480     | 15.10.2002 |
| 99520536  | USASAT-35G             | -105      | USA     | C       | 380      |         | 2480     | 15.10.2002 |
| 99520537  | USASAT-35H             | -103      | USA     | C       | 385      |         | 2480     | 15.10.2002 |
| 99520516  | USASAT-35J             | -99       | USA     | C       | 402      |         | 2480     | 15.10.2002 |
| 99520529  | USASAT-35K             | -97       | USA     | C       | 397      |         | 2480     | 15.10.2002 |
| 99520526  | USASAT-35L             | -95       | USA     | C       | 403      |         | 2480     | 15.10.2002 |
| 99520530  | USASAT-35M             | -93       | USA     | C       | 400      |         | 2480     | 15.10.2002 |
| 99520430  | USASAT-35N             | -91       | USA     | C       | 348      |         | 2478     | 17.09.2002 |
| 99520506  | USASAT-35O             | -89       | USA     | C       | 383      |         | 2480     | 15.10.2002 |
|           |                        |           |         |         | 383      | 1       | 2481     | 29.10.2002 |

| <b>Notice ID</b> | <b>Satellite network name</b> | <b>Longitude</b> | <b>ADM/Org</b> | <b>Ntf_rsn</b> | <b>CR/C No.</b> | <b>MOD No.</b> | <b>IFIC No.</b> | <b>IFIC Date</b> |
|------------------|-------------------------------|------------------|----------------|----------------|-----------------|----------------|-----------------|------------------|
| 99520538         | USASAT-35P                    | -87              | USA            | C              | 387             |                | 2480            | 15.10.2002       |
| 99520539         | USASAT-35T                    | -79              | USA            | C              | 388             |                | 2480            | 15.10.2002       |
| 99520518         | USASAT-35Y                    | -133             | USA            | C              | 399             |                | 2480            | 15.10.2002       |

**Table 2 – Recorded satellite networks involved in conversion of coordination agreements of RS77 to those of No. 9.14**

| <b>Notice ID</b> | <b>Satellite network name</b> | <b>Longitude</b> | <b>ADM/Org</b> | <b>Ntf_rsn</b> | <b>IFIC No.</b> | <b>IFIC Date</b> |
|------------------|-------------------------------|------------------|----------------|----------------|-----------------|------------------|
| 100500225        | HISPASAT-2C3 KU               | -30.00           | E              | N              | 2497            | 01.07.2003       |
| 101500073        | USASAT-7D                     | -101.00          | USA            | N              | 2491            | 08.04.2003       |
| 101500396        | USASAT-9A                     | -91.00           | USA            | N              | 2493            | 06.05.2003       |