

**IARU REGION 2 MF/HF BAND PLAN**  
**Effective January 1<sup>st</sup> 2008**

The IARU Region 2 has established this band plan as the way to better organize the use of our bands efficiently. To the extent possible, this band plan is harmonized with those of the other regions. It is suggested that Member Societies, in coordination with the authorities, incorporate it in their regulations and promote it widely with their radio amateur communities.

| <b>FREQUENCY<br/>(kHz)</b> | <b>MAX<br/>BANDWIDTH<br/>(Hz)</b> | <b>PREFERRED MODE</b> |
|----------------------------|-----------------------------------|-----------------------|
|----------------------------|-----------------------------------|-----------------------|

|                   |             |      |                                                         |
|-------------------|-------------|------|---------------------------------------------------------|
| <b>160 m Band</b> | 1800 – 1810 | 500  | Digimodes                                               |
|                   | 1810 – 1830 | 200  | CW<br>CW QRP Centre of activity 1812 kHz                |
|                   | 1830 – 1840 | 200  | CW Priority for intercontinental operation (DX window)  |
|                   | 1840 – 1850 | 2700 | SSB Priority for intercontinental operation (DX window) |
|                   | 1850 – 1999 | 2700 | All modes<br>SSB QRP Centre of activity 1910            |
|                   | 1999 – 2000 | 200  | Beacons                                                 |

|                  |             |       |                                                                                                                  |
|------------------|-------------|-------|------------------------------------------------------------------------------------------------------------------|
| <b>80 m Band</b> | 3500 – 3510 | 200   | CW Priority for intercontinental operation (DX window)                                                           |
|                  | 3510 – 3560 | 200   | CW<br>CW Contest preferred<br>CW QRS Centre of activity 3555 kHz                                                 |
|                  | 3560 – 3580 | 200   | CW<br>CW QRP Centre of activity 3560 kHz                                                                         |
|                  | 3580 – 3590 | 500   | All narrow band modes, digimodes                                                                                 |
|                  | 3590 – 3600 | 500   | All narrow band modes, digimodes, automatically controlled data stations (unattended)                            |
|                  | 3600 – 3625 | 2700* | All modes, digimodes, automatically controlled data station (unattended)                                         |
|                  | 3600 – 3650 | 2700  | All modes<br>SSB Contest preferred<br>Digital voice (DV) Centre of activity 3630 kHz                             |
|                  | 3650 – 3700 | 2700  | All modes<br>SSB QRP Centre of activity 3690 kHz                                                                 |
|                  | 3700 – 3775 | 2700  | All modes<br>SSB Contest preferred<br>Image Centre of activity 3735 kHz<br>Emergency Centre of activity 3750 kHz |
|                  | 3775 – 3800 | 2700  | All modes<br>SSB Priority for intercontinental operation (DX window)                                             |
|                  | 3800 – 3875 | 2700  | All modes                                                                                                        |
|                  | 3875 – 3900 | 2700* | All modes<br>Image Centre of activity 3845 kHz<br>Emergency Centre of activity 3985 kHz                          |
|                  | 3900 – 4000 | 2700  | All modes                                                                                                        |

|           |             |       |                                                                                                                                                                                                                                        |
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| 40 m Band | 7000 – 7025 | 200   | CW Priority for intercontinental operation (DX window)                                                                                                                                                                                 |
|           | 7025 – 7035 | 200   | CW<br>CW QRP Centre of activity 7030 kHz                                                                                                                                                                                               |
|           | 7035 – 7038 | 500   | All narrow band modes, digimodes                                                                                                                                                                                                       |
|           | 7038 – 7040 | 500   | All narrow band modes, digimodes, automatically controlled data stations (unattended)                                                                                                                                                  |
|           | 7040 – 7043 | 2700  | All modes, digimodes, automatically controlled data stations (unattended)                                                                                                                                                              |
|           | 7043 – 7100 | 2700  | All modes<br>Image Centre of activity 1: 7043 kHz<br>Region 2 Emergency Centre of activity 1: 7060 kHz<br>Digital voice (DV) Centre of activity 7070 kHz<br>SSB QRP Centre of activity 1: 7090 kHz.                                    |
|           | 7100 – 7300 | 2700* | All modes<br>Region 2 Emergency Centre of activity 2: 7240 kHz<br>SSB QRP Centre of activity 2: 7285 kHz<br>Image Centre of activity 2: 7165 kHz<br>AM Calling frequency 7275 kHz<br>Region 2 Emergency Centre of activity 3: 7290 kHz |

|           |               |      |                                               |
|-----------|---------------|------|-----------------------------------------------|
| 30 m Band | 10100 – 10130 | 200  | CW<br>CW QRP Centre of activity 10116 kHz     |
|           | 10130 – 10140 | 500  | All narrow band digimodes                     |
|           | 10140 – 10150 | 2700 | All modes digimodes, no phone (SSB, AM or DV) |

|               |               |                                                           |                                                                                                                                                                                                                                                  |
|---------------|---------------|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 20 m Band     | 14000 – 14025 | 200                                                       | CW Priority for intercontinental operation (DX window)                                                                                                                                                                                           |
|               | 14025 – 14060 | 200                                                       | CW<br>CW Contest preferred<br>CW QRS Centre of activity 14055 kHz                                                                                                                                                                                |
|               | 14060 – 14070 | 200                                                       | CW<br>CW QRP Centre of activity 14060 kHz                                                                                                                                                                                                        |
|               | 14070 – 14089 | 500                                                       | All narrow band modes, digimodes                                                                                                                                                                                                                 |
|               | 14089 – 14099 | 500                                                       | All narrow band modes, digimodes, automatically controlled data stations (unattended)                                                                                                                                                            |
|               | 14099 – 14101 | 200                                                       | IBP, Exclusively for beacons                                                                                                                                                                                                                     |
|               | 14101 – 14112 | 2700                                                      | All modes, digimodes, automatically controlled data stations (unattended)                                                                                                                                                                        |
|               | 14112 – 14285 | 2700                                                      | All modes<br>SSB contest preferred<br>Digital voice (DV) Centre of activity 14130 kHz<br>Image Centre of activity 14230 kHz<br>SSB Priority for intercontinental operation (DX window) 14190 – 14200 kHz<br>SSB QRP Centre of activity 14285 kHz |
|               | 14285 - 14300 | 2700*                                                     | All modes<br>AM Calling frequency 14286 kHz                                                                                                                                                                                                      |
| 14300 – 14350 | 2700          | All modes, Global emergency centre of activity 14300 kHz. |                                                                                                                                                                                                                                                  |

|           |               |      |                                                                                                    |
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| 17 m Band | 18068 – 18095 | 200  | CW<br>CW QRP Centre of activity 18086 kHz                                                          |
|           | 18095 – 18105 | 500  | All narrow band modes, digimodes                                                                   |
|           | 18105 – 18109 | 500  | All narrow band modes, digimodes, automatically controlled data stations (unattended)              |
|           | 18109 – 18111 | 200  | IBP, Exclusively for beacons                                                                       |
|           | 18111 – 18120 | 2700 | All modes, digimodes, automatically controlled data stations (unattended)                          |
|           | 18120 – 18168 | 2700 | All modes<br>SSB QRP Centre of activity 18130 kHz<br>Global Emergency Centre of activity 18160 kHz |

|           |               |      |                                                                                                                                                                                             |
|-----------|---------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 15 m Band | 21000 – 21070 | 200  | CW<br>CW QRS Centre of activity 21055 kHz<br>CW QRP Centre of activity 21060 kHz                                                                                                            |
|           | 21070 – 21090 | 500  | All narrow band modes, digimodes                                                                                                                                                            |
|           | 21090 – 21110 | 500  | All narrow band modes, digimodes, automatically controlled data stations (unattended)                                                                                                       |
|           | 21110 – 21120 | 2700 | All modes (excluding SSB), digimodes, automatically controlled data stations (unattended)                                                                                                   |
|           | 21120 – 21149 | 500  | All narrow band modes                                                                                                                                                                       |
|           | 21149 – 21151 | 200  | IBP, Exclusively for beacons                                                                                                                                                                |
|           | 21151 – 21450 | 2700 | All modes<br>Digital voice (DV) Centre of activity 21180 kHz<br>SSB QRP Centre of activity 21285 kHz<br>Image Centre of activity 21340 kHz<br>Global Emergency Centre of activity 21360 kHz |

|           |               |      |                                                                                       |
|-----------|---------------|------|---------------------------------------------------------------------------------------|
| 12 m Band | 24890 – 24915 | 200  | CW<br>CW QRP Centre of activity 24906 kHz                                             |
|           | 24915 – 24925 | 500  | All narrow band modes, digimodes                                                      |
|           | 24925 – 24929 | 500  | All narrow band modes, digimodes, automatically controlled data stations (unattended) |
|           | 24929 – 24931 | 200  | IBP, Exclusively for beacons                                                          |
|           | 24931 – 24940 | 2700 | All modes, digimodes, automatically controlled data stations (unattended)             |
|           | 24940 – 24990 | 2700 | All modes<br>QRP SSB Centre of activity 24950 kHz                                     |

|               |               |                                                                                                                                                                                    |                                                                                                                                            |
|---------------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| 10 m Band     | 28000 – 28070 | 200                                                                                                                                                                                | CW<br>CW QRS Centre of activity 28055 kHz<br>CW QRP Centre of activity 28060 kHz                                                           |
|               | 28070 – 28120 | 500                                                                                                                                                                                | All narrow band modes, digimodes                                                                                                           |
|               | 28120 – 28150 | 500                                                                                                                                                                                | All narrow band modes, digimodes, automatically controlled data stations (unattended)                                                      |
|               | 28150 – 28190 | 500                                                                                                                                                                                | All narrow band modes                                                                                                                      |
|               | 28190 – 28199 | 200                                                                                                                                                                                | Regional time shared beacons                                                                                                               |
|               | 28199 – 28201 | 200                                                                                                                                                                                | IBP, Exclusively beacons                                                                                                                   |
|               | 28201 – 28225 | 200                                                                                                                                                                                | Continuous duty beacons                                                                                                                    |
|               | 28225 – 28300 | 2700                                                                                                                                                                               | All modes, beacons                                                                                                                         |
|               | 28300 – 28320 | 2700                                                                                                                                                                               | All modes, digimodes, automatically controlled data stations (unattended)                                                                  |
|               | 28320 – 29000 | 2700                                                                                                                                                                               | All modes<br>Digital voice (DV) Centre of activity 28330 kHz<br>SSB QRP Centre of activity 28360 kHz<br>Image Centre of activity 28680 kHz |
|               | 29000 – 29200 | 6000                                                                                                                                                                               | All modes<br>AM Preferred                                                                                                                  |
|               | 29200 – 29300 | 6000                                                                                                                                                                               | All modes including FM simplex, digimodes, automatically controlled data stations (unattended)                                             |
|               | 29300 – 29510 | 6000                                                                                                                                                                               | Satellite downlink                                                                                                                         |
|               | 29510 – 29520 |                                                                                                                                                                                    | Guard band, no transmission allowed                                                                                                        |
| 29520 – 29700 | 6000          | FM – 10 kHz channels<br>FM Repeater input only. 10 kHz channels 29520 – 29590 kHz<br>FM Calling frequency 29600 kHz<br>FM Repeater outputs only. 10 kHz channels 29620 – 29690 kHz |                                                                                                                                            |

\*) DSB AM phone allowed in this segment with a maximum bandwidth of 6 kHz.

## **Explanations**

### Bandwidths

The number in the bandwidth column always refers to the maximum allowed.

### Preferred Modes

|                          |                                                                                           |
|--------------------------|-------------------------------------------------------------------------------------------|
| <i>All modes</i>         | Do not exceed the specified bandwidth.                                                    |
| <i>Image</i>             | The Image modes include FAX and SSTV.                                                     |
| <i>Narrow band modes</i> | All modes up to 500 Hz bandwidth including CW, RTTY, PSK and others.                      |
| <i>Digimodes</i>         | Includes, but not limited to PSK31, PSK63, RTTY, MT63 and others within bandwidth limits. |
| <i>Sideband usage</i>    | Below 10 MHz use Lower Side Band (LSB)<br>Above 10 MHz use Upper Side Band (USB).         |

## **Notes**

1. CW QSOs are accepted across all bands, except within beacon segments.
2. Contest activity shall not take place on the 10, 18 and 24 MHz bands.
3. The term "*automatically controlled data stations*" includes Store and Forward stations.
4. Transmitting frequencies:  

The announced frequencies in the bandplan are understood as "*transmitted frequencies*", and not those of the suppressed carrier!
5. Unattended transmitting stations:  

IARU member societies are requested to limit this activity on the HF bands. It is recommended that any unattended transmitting stations on HF shall be activated only under operator control, except for beacons agreed with the IARU beacon coordinator, or specially licensed experimental stations.