

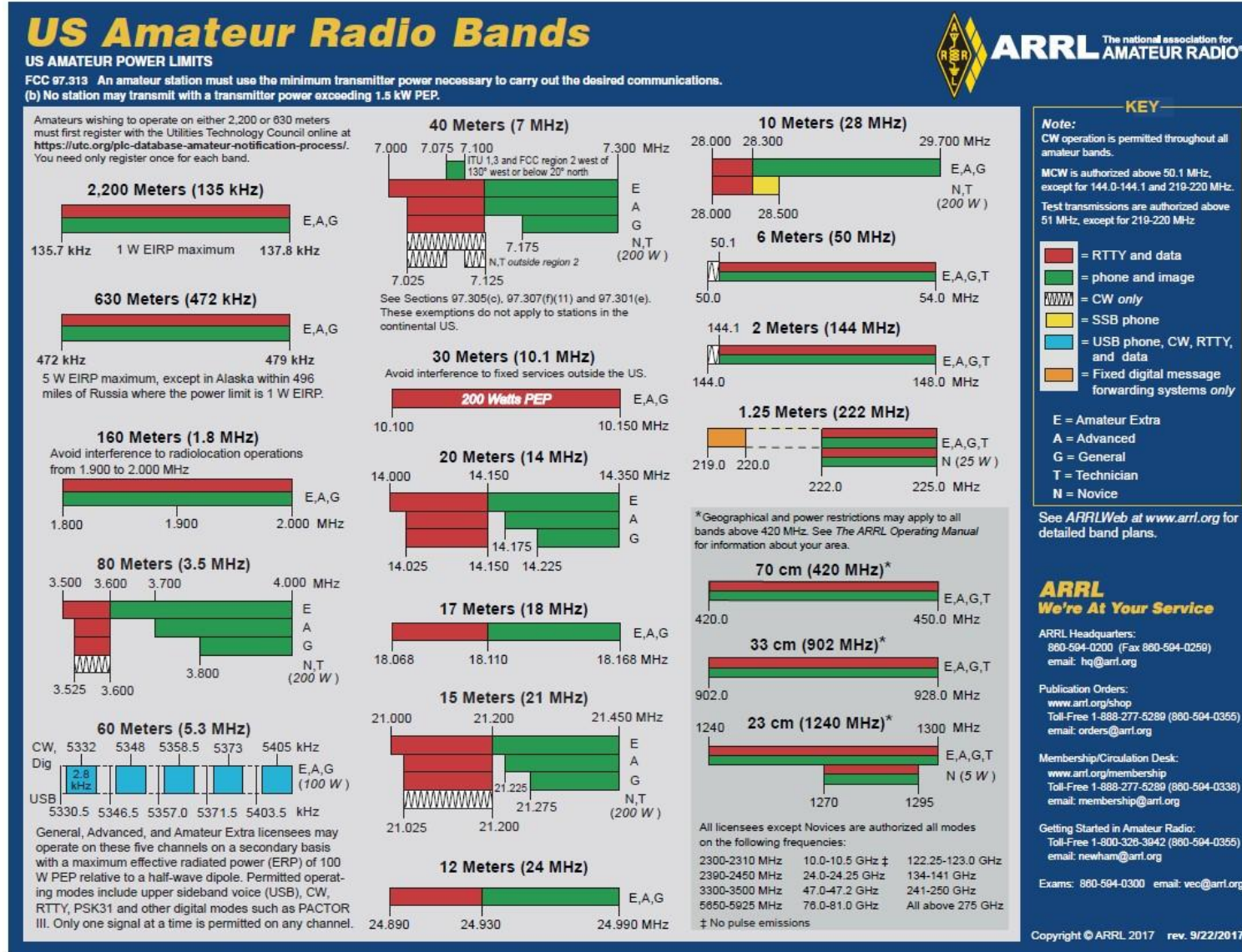
Band Plan

Rev4 – final

Notes

- This document addresses changes to HF bands, only
 - No changes to 160 m or 60 m bands
- Band-by-band comparison is provided for current and then recommended band plan
- Uses same format as “US Amateur Bands” graphic available on ARRL website at <http://www.arrl.org/graphical-frequency-allocations>.
 - ACDS operation frequency ranges per Part 97.221b not included on existing ARRL chart
 - Current frequencies where ACDS (NB only) permitted shown as overlay to Current Band Plan graphic
- No changes to CW allocations throughout all amateur bands
- RTTY and all other narrowband, non-ACDS modes permitted wherever data modes are allowed

Current Band Plan Graphic



2,200 Meters (135 kHz)
135.7 kHz 1 W EIRP maximum 137.8 kHz E,A,G

630 Meters (472 kHz)
472 kHz 479 kHz E,A,G
5 W EIRP maximum, except in Alaska within 496 miles of Russia where the power limit is 1 W EIRP.

160 Meters (1.8 MHz)
Avoid interference to radiolocation operations from 1.900 to 2.000 MHz
1.800 1.900 2.000 MHz E,A,G

80 Meters (3.5 MHz)
3.500 3.600 3.700 4.000 MHz E,A,G
3.525 3.600 3.800 N,T (200 W)

60 Meters (5.3 MHz)
CW, 5332 5348 5358.5 5373 5405 kHz
Dig 2.8 kHz
USB 5330.5 5346.5 5357.0 5371.5 5403.5 kHz E,A,G (100 W)
General, Advanced, and Amateur Extra licensees may operate on these five channels on a secondary basis with a maximum effective radiated power (ERP) of 100 W PEP relative to a half-wave dipole. Permitted operating modes include upper sideband voice (USB), CW, RTTY, PSK31 and other digital modes such as PACTOR III. Only one signal at a time is permitted on any channel.

40 Meters (7 MHz)
7.000 7.075 7.100 7.300 MHz E,A,G
ITU 1,3 and FCC region 2 west of 130° west or below 20° north
7.025 7.125 N,T (200 W)
N,T outside region 2
See Sections 97.305(c), 97.307(f)(11) and 97.301(e). These exemptions do not apply to stations in the continental US.

30 Meters (10.1 MHz)
Avoid interference to fixed services outside the US.
10.100 10.150 MHz E,A,G
200 Watts PEP

20 Meters (14 MHz)
14.000 14.150 14.350 MHz E,A,G
14.025 14.150 14.225 G

17 Meters (18 MHz)
18.068 18.110 18.168 MHz E,A,G

15 Meters (21 MHz)
21.000 21.200 21.450 MHz E,A,G
21.025 21.200 21.275 N,T (200 W)

12 Meters (24 MHz)
24.890 24.930 24.990 MHz E,A,G

10 Meters (28 MHz)
28.000 28.300 29.700 MHz E,A,G
28.000 28.500 N,T (200 W)

6 Meters (50 MHz)
50.1 54.0 MHz E,A,G,T

2 Meters (144 MHz)
144.1 148.0 MHz E,A,G,T

1.25 Meters (222 MHz)
219.0 220.0 222.0 225.0 MHz E,A,G,T

*Geographical and power restrictions may apply to all bands above 420 MHz. See *The ARRL Operating Manual* for information about your area.

70 cm (420 MHz)*
420.0 450.0 MHz E,A,G,T

33 cm (902 MHz)*
902.0 928.0 MHz E,A,G,T

23 cm (1240 MHz)*
1240 1300 MHz E,A,G,T
1270 1295 N (5 W)

All licensees except Novices are authorized all modes on the following frequencies:
2300-2310 MHz 10.0-10.5 GHz ‡ 122.25-123.0 GHz
2390-2450 MHz 24.0-24.25 GHz 134-141 GHz
3300-3500 MHz 47.0-47.2 GHz 241-250 GHz
5650-5925 MHz 76.0-81.0 GHz All above 275 GHz
‡ No pulse emissions

New Key for Recommended Band Plan Graphic

Notes:

CW operation is permitted throughout all amateur bands.

Maximum power output of 1500 watts unless otherwise indicated.

Following frequencies (+/- 500 Hz) are reserved for HF propagation beacons:

14.100, 18.110, 21.150, 24.930, and 28.200 KHz.



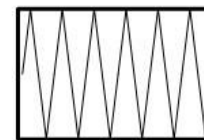
= RTTY and NB data



= phone and image



= RTTY, NB data and WB data;
All ACDS



= CW only



= RTTY, phone and image,
NB data and WB data; No ACDS

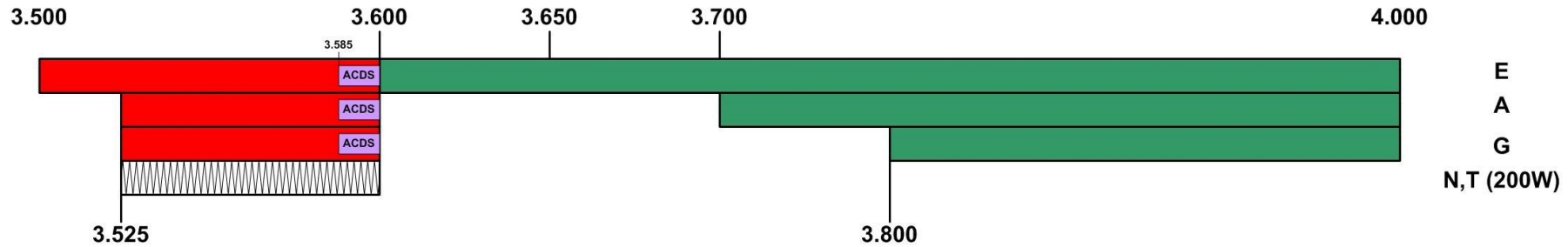


= SSB phone

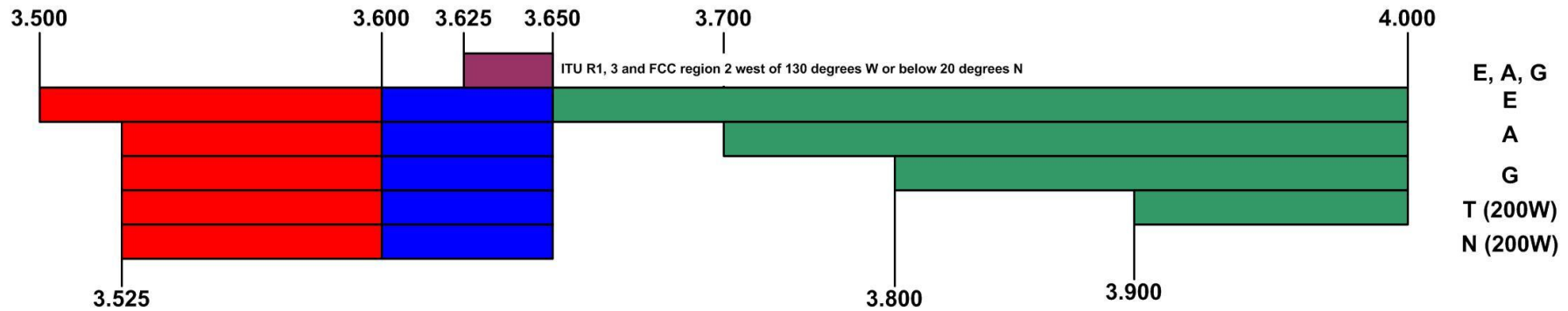
80 meters



Current band plan



Recommended band plan



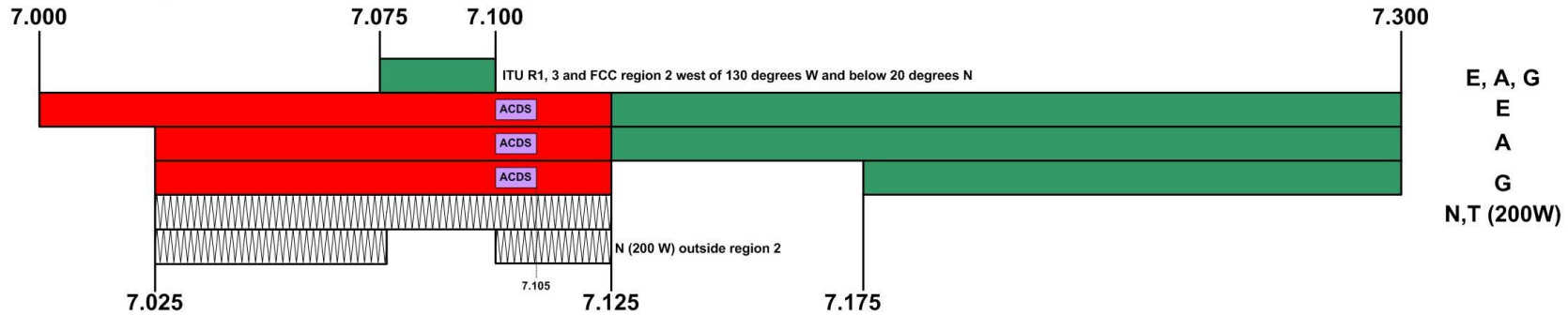
Recommended changes – 80m

1. Change low end of phone band up to 3.650 MHz consistent with RM-11759
2. Add NB and WB data between 3.600 and 3.650 MHz
3. Permit ACDS operation between 3.600 and 3.650 MHz
4. Expand A and G class operation from 3.600 to 3.650 MHz
5. Add expanded Technician Class privileges consistent with RM-11828
6. Added RTTY/Data operating privileges for Novice class consistent with RM-11759
7. New segment from 3.625 to 3.650 MHz for voice, image and all data modes not using ACDS in US territory south of 20° N or west of 135° W.

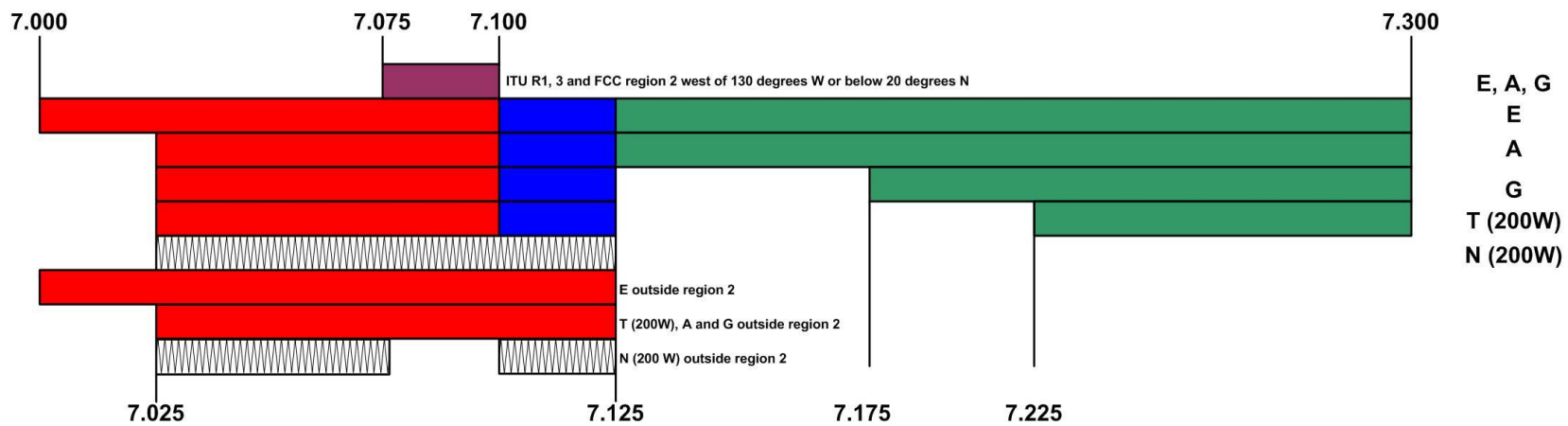
40 meters



Current band plan



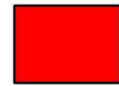
Recommended band plan



Recommended changes – 40m

1. Add WB data between 7.100 and 7.125 MHz
2. Expands ACDS operation from 5 kHz to 25 kHz
3. Changes ACDS operating band to 7.100 to 7.125 MHz
4. Add expanded Technician Class privileges consistent with RM-11828
5. Adds clarification to Band Plan for operating in US territory south of 20° N or west of 135° W
6. No recommendations for ACDS operation outside Region 2

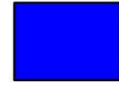
30 meters



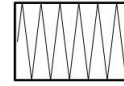
= RTTY and NB data



= phone and image



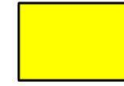
= RTTY, NB data and WB data;
All ACDS



= CW only



= RTTY, phone and image,
NB data and WB data; No ACDS



= SSB phone

Current band plan



Recommended band plan



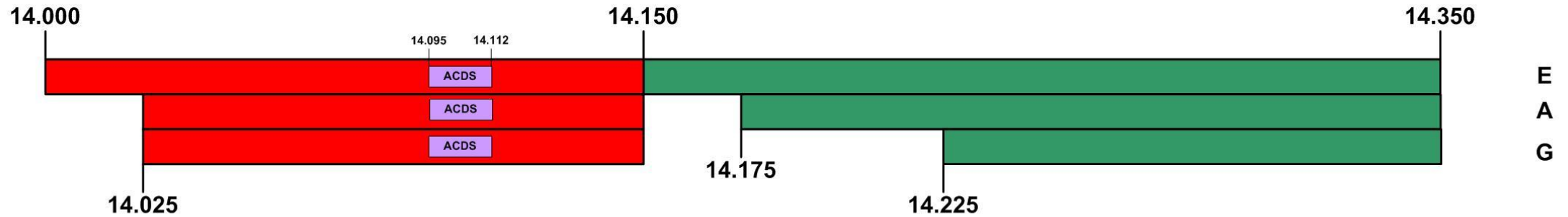
Recommended changes – 30m

1. Adds WB data from 10.135 to 10.150 MHz
2. Expands ACDS operation to 15 kHz from 10.135 to 10.150 MHz

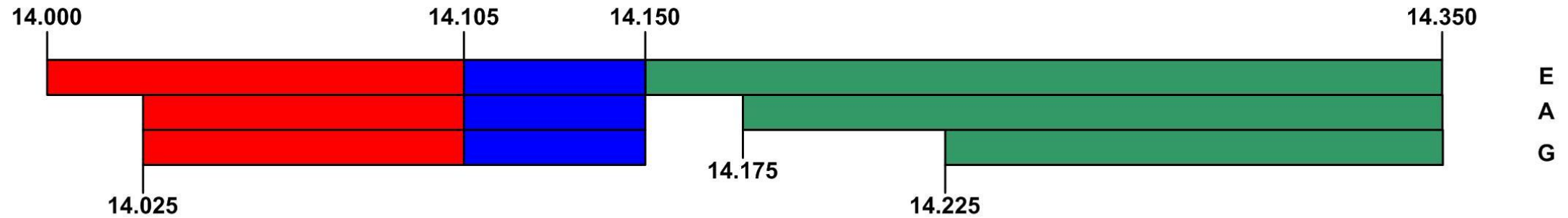
20 meters

-  = RTTY and NB data
-  = RTTY, NB data and WB data; All ACDS
-  = RTTY, phone and image, NB data and WB data; No ACDS
-  = phone and image
-  = CW only
-  = SSB phone

Current band plan



Recommended band plan



Recommended changes – 20m

1. Adds WB data from 14.105 to 14.150 MHz
2. Expands ACDS operation to 45 kHz from 14.105 to 14.150 MHz

17 meters



Current band plan



Recommended band plan



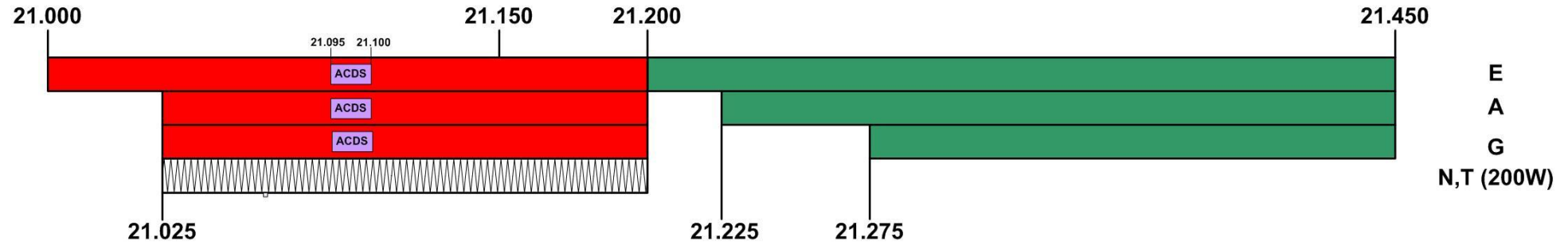
Recommended changes – 17m

- Added WB data from 18.105 to 18.110 MHz

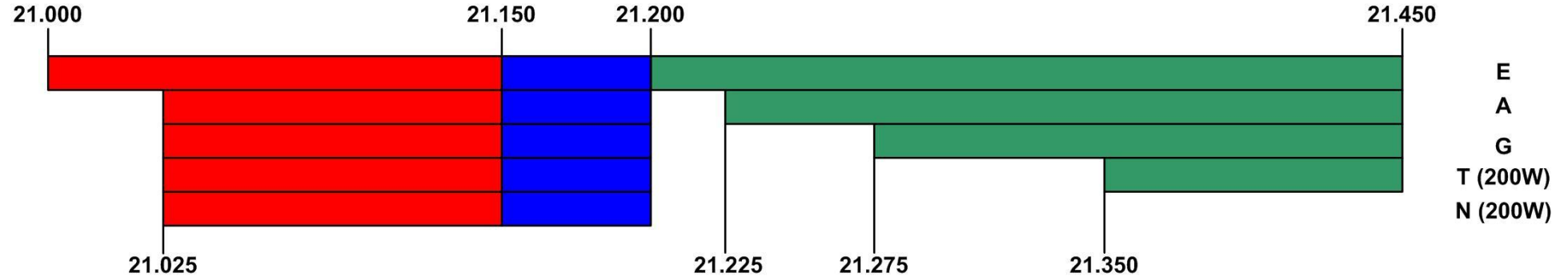
15 meters

- = RTTY and NB data
 - = RTTY, NB data and WB data; All ACDS
 - = RTTY, phone and image, NB data and WB data; No ACDS
- = phone and image
 - = CW only
 - = SSB phone

Current band plan



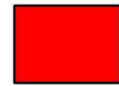
Recommended band plan



Recommended changes – 15m

1. Adds WB data from 21.150 to 21.200 MHz
2. Expands ACDS operation to 50 kHz from 21.150 to 21.200 MHz
3. Add expanded Technician Class privileges consistent with RM-11828
4. Added RTTY/Data operating privileges for Novice class consistent with RM-11759

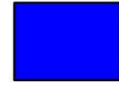
12 meters



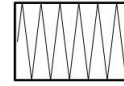
= RTTY and NB data



= phone and image



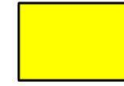
= RTTY, NB data and WB data;
All ACDS



= CW only



= RTTY, phone and image,
NB data and WB data; No ACDS



= SSB phone

Current band plan



Recommended band plan



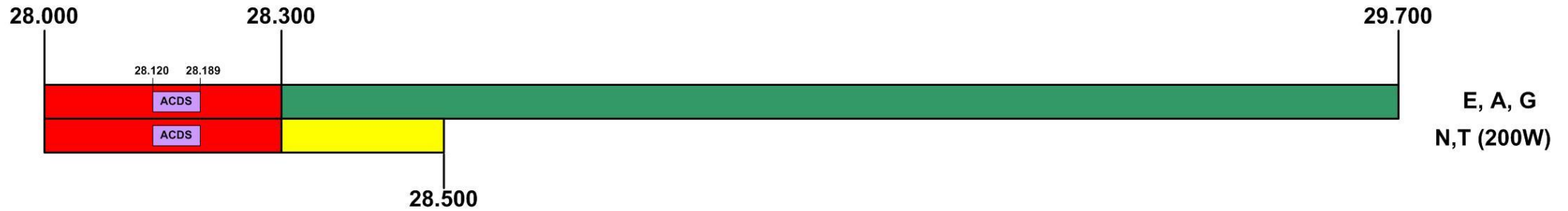
Recommended changes – 12m

- Added WB data from 24.925 to 24.930 MHz

10 meters



Current band plan



Recommended band plan



Recommended changes – 10m

1. Adds WB data from 28120 to 28190 kHz
2. Adds NB and WB data in “Experimental Data Band” from 29.200 to 29.300 MHz for E, A and G license classes
3. Expands ACDS operation additional 100 kHz from 29.200 to 29.300 MHz
4. Add expanded Technician Class privileges consistent with RM-11828