Subject	**Include 2 700 Hz bandwidth data segment in 30 m and 40 m band plan**		
Society	OeVSV	**Country:**	Austria
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Include 2 700 Hz bandwidth data segment in 30 m and 40 m band plan

Introduction

Pactor and Winlink have proven its important role in providing email exchange during emergencies - Hurricanes, Typhoons, Earthquakes, Blackouts, etc.

Because of increasing global warming, such extreme weather could also affect Region 1 in future. Also in the event of a "Blackout," (long lasting power outage in Region 1 countries the amateur radio service will most likely provide vital communication. This was demonstrated in Slovenia last winter.

Proposal

In order to provide necessary bandwidth within Region-1 but also nationwide emergency data communication using well-established WINLINK RADIO SERVER network via PACTOR and WINMOR (or other future technologies) additional frequencies are required especially during daylight hours.

We therefore propose to adopt additional 2 700 Hz data segment to the existing 30 m (10 MHz) and 40 m (7 MHz) band plan to cope with demand for spectrum for automated (unmanned) stations and manned stations alike.

In frequency range from 10 130 – 10 145 kHz (30 m) and 7 050 – 7 065 kHz (40 m) - All modes - digimodes, automatically controlled data stations (unattended) maximum bandwidth 2 700 Hz

This is based on experience obtained by Slovenian and Austrian amateurs during the emergency communication provided in the winter of 2013/2014 in order to cope with massive electricity blackout following snow and ice/rain, which brought down almost 1/3rd of electricity distribution system in Slovenia.

We recommend increasing this data segment and reducing the CW/SSB segments accordingly.

Despite the fact that the 30 m band is currently a shared band with secondary allocation to Amateur Radio Service, we think that the reduction in usage of other services using shortwave is significant enough to allow for this extension in data BW.

More information can be found here

http://www.winlink.org/node/702

24/7 RMS channels http://www.winlink.org/RMSPacketStatus

https://groups.yahoo.com/group/notfunk-oe/files/Pressestimmen/KHD-Auslandseinsatz_Slowenien%202014.pdf

Addition: IARU Region 1 should also seek provision for Emcom data/voice segments in the frequency range of 5 600 – 5 800 kHz in the 60 m band.