



Summary Wideband HF Channel Availability Working Group

Marriot Courtyard

Brussels, Belgium

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THIS INFORMATION IS NOT EXPORT CONTROLLED

THIS INFORMATION IS APPROVED FOR RELEASE WITHOUT EXPORT RESTRICTIONS IN ACCORDANCE WITH A REVIEW OF THE INTERNATIONAL TRAFFIC IN ARMS REGULATIONS (ITAR), 22CFR 120-130, AND THE EXPORT ADMINISTRATION REGULATIONS (EAR) 15 CFR 730-774.

Goals

- Under the auspices of the HF Industry Association (HFIA), collaboratively field a substantial number of HF wideband channel availability measurement stations in diverse locations worldwide (as far as possible)
- Use common hardware, (SDR and antenna), collection software, and analysis software so that results can be easily and accurately compared between all sites
- Share the collected data and analysis results among all members of the HFIA

Presentations:

- **HF Spectrum Availability - Rockwell**
- **Channel Availability Results in Western NY, Summer 2015 – Harris**
- **Wide Band HF Cyprus / Falkland Island Spectrum Utilisation - Bram Watson**
- **Future Canada Plans – Steve Dunill**

Discussion / Future Plans:

- Some members in group to inspect source code provided in June and evaluate new noise floor algorithm
- Identify what spectrum availability information Frequency Managers would like to see
- Subset of group to contact/visit Frequency Management Groups to begin dialogue
- Understand impact of antennas on spectrum availability measurements
- Some members to compare Perseus results to higher fidelity measurement devices
- Investigate participation in ITU World Radiocommunication Conferences (WRC)
- Continue measurements campaigns

Summary

- Presentations will be placed on HFIA website
- Members desiring new software distribution
 - Contact wfurman@harris.com
- Participants will continue measurement campaigns
 - If possible, provide any changes/tweaks to source code, additional analysis tools and other software developed to better understand channel availability measurements
- Continue discussions via e-mail on
- Over 40 people in attendance !!