

Status Report from the NATO Radio AHWG Meetings

8-10 September 2008

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Meetings of 8-10 Sept 2008

- Munich, Germany
- Second trial meeting of combined Radio WG
 - Parallel meetings of V/UHF and BLOS Comms syndicates
 - Followed by 2 days of plenary sessions

BLOS Comms Meeting
8 September 2008

Administrative Matters

- Eric Campbell (USN) was elected to serve as chairman at the March '08 meeting.
 - He is pursuing funding to provide a secretary for the working group.
- BLOS Comms and V/UHF AHWGs will not merge, but will continue to hold joint meetings

NATO HQ Staff Summary

- BLOS Comms AHWG should develop application guidance in addition to technical standards
- Need to determine which STANAGs to keep
 - STANAG 4444?
 - STANAG 4538
 - STANAG 4539
 - STANAG 5066

STANAG 4444 (EPM)

- Will not be fitted to high-profile A-400M
 - Rockwell has radio contract for A-400M
 - No solution to aircraft coupler tune time problem
- NATO HQ urges dropping this standard due to lack of implementations
- Questions for industry
 - Any desire to retain this standard?
 - Better alternatives available for standardization?

STANAG 4538 (3G Suite)

- Edition 1 amendment 1 is promulgated
- Edition 2 status
 - TAC formed; members from US, UK, and NO
 - IP interface in development
 - IP Multicast protocol candidate presented
 - Higher speed data link in development (IPR-free)

STANAG 4539 (Modems)

- Data Modems (similar to 188-110 Appx C)
- Higher bandwidths are of interest
 - 64 kbps in 12 kHz?
 - SC/6: make HF standards “net ready”
implicit tasking to get to at least 64 kbps
 - “Fly off” between serial tone and OFDM?

STANAG 5066 (Data Protocols)

- Edition 1 amendment 1 has 14th ratification Ready for promulgation (at last!) as “ed 2”
- Edition 2 will add LAN features (channel access control protocols), Internet integration
 - Annex L: Token-passing channel access
 - Annex M: (future dynamic TDMA)
 - Annex N: regional address allocation scheme
 - Annex O: integration with IP networks

Next Meetings

- Bergen, Norway
2-5 March 2009
- Finland
7-11 September 2009

Questions?