

ALERT2 Technical Working Group Role and Activities

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Meteorology and cooperative flood partner
(commonwealth, state and local) agencies

ALERT₂ TWG – About US

- * Role
- * Charter
- * Activities
 - * Current
 - * Future
- * Further Information and Help
- * Contact

Role

- * The A2TWG was created for the purpose of developing, promulgating and maintaining the standards and specifications of the ALERT2 communications protocol.
- * Quiz – How many ALERT sites are there in USA?

Charter

- * A2TWG is a working committee under the Standards and Guidance sub-Committee of the NHWC
- * The TWG operates under a charter with defined purpose and activities. Key purposes include,
 - * Develop the content of the ALERT2 protocol in a way that provides definitive guidance to manufacturers and developers on how to build and deploy ALERT2 systems;
 - * Promote interoperability of ALERT2 equipment across different manufacturers and different versions of the protocol;
 - * Provide the basis for the resolution of technical issues that arise in the deployment and use of the protocol;
 - * Support and facilitate the further development and evolution of the protocol.
- * Early 2012 policies and procedures were developed by A2TWG and also adopted.

Chair of A2TWG

- * Past

- * Ilse Gayl 2006 – 2011

- * Don Van Wie 2011 -2014

- * Chair Elect

- * David Haynes from conclusion AUG conference

Activities - Current

- * Improvements to allow for
 - * Lower power
 - * Lower cost
- * Minor specification changes to adopt learnings from real-world implementation experiences
- * Nationally consistent ALERT Address management
 - * Broad requirements discussed in TWG
 - * PoC developed for A2TWG by One Rain (SAMS)



Activities - Future

- * ALERT Site Management
- * Device Control? - Flashers
- * Two-Way
 - * Repeater management – pass lists...
 - * Sub-committee formed
- * Encryption
 - * Early TWG technical discussion held with early agreement to manage at application, next stage is for technical paper for wider discussion.
 - * Federal requirements – access control, secure authentication ...?
- * IP transport layer



Information... Help?

- * <http://www.ALERT2.org/>
- * <http://www.hydrologicwarning.org/>
 - * Navigate to menu item "ALERT Technical Working Group"
- * How can you help?
 - * Standards Review
 - * Technical Input



Further Information

- * A2TWG Chair – David Haynes

