Capturing the EMP Foundational Data / Information

**A Draft for the Data team**

Background- There is a vast amount of data and information available on the topic of EMP’s and other threats to our electric grid (and other key infrastructures). This includes thesis papers, white papers, test reports, books, presentations and technical notes -- and history goes is over 70 years.

The initial team is Sonny Smith, H. , and xxxxxxx Dwane and Merlyn

The initial purpose is to methodically and objectively capture the useful portion of the currently available EMP information and to make it web site available selected task force people in as readable/ understandable/useable form as possible. This catalog/non-conventional library of information would be used to establish ‘primary hardening specifications’ such as the magnitude and characteristics of EMP phenomenon to be protected against as well as a list of known individual hardening solutions.

The initial challenge is to filter the material from duplication and other agree to rules. The process must not filter out items with which the volunteer team disagrees. Nor should it filter out original ideas. It is impractical to capture everything that has ever been published on the topic but, unless a serious attempt is made to capture relevant material, and put it in a few useable formats, the resulting hardened grid and numerical simulation work may less than optimal.

Methodology Establish that a good data/information as recently discussed at the Ace Hotel.

The sorting/collection system would start by using the 5 filters that were agreed to.

The lowest category of **value to the team** would be 1. -- The slightly more valued items it 2 –The middle of road or Not sure items would go to 3. The highest categories will be in 4 and 5. Note: Items such as Physics Classes and Classes in Electrical Engineering will be in Category 1.

Sonny Smith volunteered to receive those documents via categories and subsequently place them in a team drop box.

Using the DVD that Henry has the team should redefine process and the documentation they felt worth considering – even ones with which they disagreed. The voluntary team is to review the materials and categorize it – as effectively as possible. In the future people submitting new material would be requested to summarize the pros and cons of the material they were submitting, to the extent they were able/willing with a appropriate titles. This would be an early-stage contribution to a grid-hardening project. After the Drop box is done another iteration of processing will be done.

The final solution will be well designed GitHub location.

Regardless of the final form of the EMP project for documentation, the team will sort the information and data in a form that they can be employ most effectively in the future efforts.

H. Newton