























SWIMIC: The Next Stage(s) Model Development Establish an initial working system and develop, modify and analyse it over the lifetime of the project • Add: Supplementary shock detection system (e.g. wavelets) • Add: Whole power grid modelling (E-field from geomagnetic variations) to single site monitors • Add: Predict geomagnetic variations from solar wind data (hard problem – important to establish how accurate this will be) Model Testing Systematic study of models (as opposed to the ad hoc analysis re quired to set up prototype system) • Assess Accuracy of prototype shock detector (in terms of false alarm rate, probability of detection,...) • Assess Accuracy of GIC monitor (e.g. ms/peak differences during storms) Data Delivery

Interface to data products to be finalised with Scottish Power – User requirements to be decided - Changes to interface to observatory data required by BGS

ESA Space Weather Workshop (3^d - 5th November 2003)

British Genelogical Survey