

3rd VERSIM Workshop 2008
Tihany, Hungary
15th – 20th September 2008

Key features of some unusual VLF emissions

B. Delport¹ and **A.B. Collier**^{1,2}

¹ School of Physics/Space Physics Group, University of KwaZulu-Natal,
Durban, South Africa

² Hermanus Magnetic Observatory, Hermanus, South Africa

There are some well understood VLF emissions, such as whistlers and chorus events. However, some rather unusual and interesting emissions have been detected at SANA E IV and Marion Island. It is important to understand how and why they form and to map geomagnetic weather conditions at the time of occurrence. To this end we will study data from SANA E IV and Marion Island, in an attempt to answer these questions.