

## **Blacknest Data System (BDS)**

### **BdsUtilities Program – 1.0.0 - 2009-03-05**

#### **1. Introduction**

The BdsUtility programs provide a set of simple command line utility programs that can be used to development and/or fault diagnosis.

#### **2. BdsDataFileCreate**

This program is used to manually create a BDS data file for test purposes.

#### **3. BdsDataFileDump**

This program can be used to dump the contents of a BDS data file or indeed any seismic data format file that the BDS system supports.

#### **4. BdsTestAuto**

This program can be used to perform a soak test of the BdsServer and MySQL database. It runs in a loop reading random stretches of seismic sensor data or meta data. Multiple BdsTestAuto programs can be run to load the system and simulate multiple users.

#### **5. Return Value**

The programs will return a status value of 0 if all was Ok. It will return a non zero value on error together with a message output on stderr.

#### **6. Further Information**

For further information please look at the BDS system documentation at:  
<https://portal.beam.ltd.uk/support/blacknest>.