

Boulby Programme
Boulby Facility
NaIAD Status
ZEPLIN I Status
ZEPLIN III Status
ZEPLIN MAX Future

ZEPLIN III

- 2 phase detector, 31x 2" PMT
 - Reverse field for PMT Xrays
 - Position sensitivity
 - PMTs in liquid
- High E-field to extract ionisation from nuclear recoils
 - Nuclear recoil S1 and S2
- 7kg target under construction
- Deployment 2004
- Study for 1 tonne
 - Low threshold (S2 trigger)
 - High light yield
 - Fiducialisation, imaging

