

RTS PROMISE workshop



- **RTS had progress accounting for areal correlation and doing multi-well correlation**
- **BTC's 123DI/DepSim/PROMISE integration well received**
- **NAM and Woodside have had good experience with LSF**
- **new C++ PROMISE v1.0**
 - mid-May planned release (delayed from mid-March)
 - no AVO, 4D, distribution
 - links with DepSim based on jgrd, but labor intensive
- **two way links with GeoCap functional**
 - uses jgrd
 - small number of fixed input and output properties
 - need to rebuild model on input
 - depth average all properties on output
- **little use to date of PROMISE uncertainty estimate**

Advanced inversion research



- **recent progress**
 - AVO and 4D inversion functional
 - AVO inversion tested on uncertainty dataset
 - NERFS and PROMISE combined to estimate fluid saturations on uncertainty model
 - benchmarked PROMISE and FLINT on uncertainty model
 - preliminary PROMISE inversion done on NW Australian shelf field Goodwyn
- **planned activities (2Q)**
 - AVO inversion on Ram/Powell
 - 4D inversion on Grover
 - distributed (via LSF) PROMISE
 - optimization and enhancements to PROMISE
 - account for areal correlation