

Seismology for Tsunami Warning: Hands-on Training in the use of the Early Bird System
28 April - 2 May 2008 2008
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Provisional Agenda
DAY 1 MONDAY
MORNING: Arrival and transport to hotel
AFTERNOON: Mauritius Meteorological Department
DAY 2 TUESDAY: Mauritius Meteorological Department
Finalize Mission schedule and logistics
TWC Operations: Assess working state of currently-installed Early Bird System
TWC Operations: Installation of Early Bird for tsunami warning operations
TWC Training: Preparation of teaching materials
TWC Training: Installation of software on training room computers
DAY 3 WEDNESDAY: OVERVIEW AND TWC OPERATIONS REVIEW
MORNING:
ICG/IOTWS Update
IOTWS Interim Watch Providers – PTWC and JMA reports
Tsunami Warning Center operations components - review
TWC SOPs: Roles & Responsibilities, Routine Operations, Ensuring Data Quality Control and Telecommunications Reliability, and other requirements
Receiving International Bulletins or Active Seismic Monitoring
AFTERNOON:
TWC Seismic Operations for real-time source characterization: Seismic networks, Earthquake Analysis – hands-on with EarlyBird Earthquake Locations – theory Signal Analysis - Characteristics of seismograms and digital filtering Earthquake Analysis – hands-on
DAY 4 THURSDAY: TWC EARTHQUAKE MONITORING using Early Bird
MORNING:
Earthquake Analysis – hands-on
Earthquake Magnitudes
AFTERNOON:
Earthquake Processing pitfalls and techniques
'Real-time' Earthquake Locations using EarlyBird
DAY 5 FRIDAY: TSUNAMI THREAT MONITORING using Early Bird and other databases
Early Bird architecture
Earthquakes and Tsunamigenesis
TWC Operations - Sea level monitoring and tsunami confirmation and wave forecast
TWC Operations - Tsunami travel times (if time permits)
Historical data bases (if time permits)