SUMMARY OF RECOMMENDATIONS

1. Recognize that current seismic data acquisition levels will not support projected science programs. To achieve these programs' minimum scientific objectives will require an eight-fold increase in seismic data acquisition activities over the next decade. Budgetary remedies must be explored.
2. Develop one or More facilities to support two classes of seismic operations:

   Portable 2-D and 3-D single channel seismic (SCS) and multichannel Seismic (MCS) acquisition

   Large UNOLS single-ship 2-D and 3-D seismic acquisition

   Provide a program of technology enhancement for these facilities. Establishing NSF facilities should help meet the basis needs for the next decade, since many present shortcomings could be addressed by consolidating management and incorporating coherent community-based input to facilities operations.

3. Develop a multinational collaborative program for long-term contracting of commercial multi-streamer 3-D MCS. Major cost savings accrue with six-month or longer contracts.

4. Begin planning for a UNOLS seismic vessel anticipating the retirement of the R/V Ewing in 2010-2015.

5. Develop a seismic data archive facility to improve access for the broader Scientific community and students. Currently there is no central archive or Standard data formats.