

SEI COMMITTEE ON SHOCK AND VIBRATORY EFFECTS

Annual Report Summary
February 20, 2002

1. Current Committee Activities and Accomplishments

- A web site has been developed for the ASCE Shock and Vibratory Effects Committee that will serve as a repository for information related to past, present, and future activities of the committee and associated subcommittees. The web site will go online for public access in March of 2002. Information currently listed on the web site includes the following:

- Committee purpose and roster
- Subcommittee purpose and roster
- Announcements
- Activity reports
- Meeting minutes
- Planned activities
- Becoming a committee member
- Links to external sites

The committee web site has been developed as a self-contained set of linked documents and images. The site will initially be hosted on the web server of the Civil & Coastal Engineering Department at the University of Florida. However, as the documents are self-contained, it will be simple to move the entire site to an alternate location in the future if such a move is desired. In addition to containing publicly accessible documents, the site also has the ability to contain password protected documents accessible only to committee members.

- The new subcommittee consisting of Joe Tedesco, Ted Krauthammer, Sam Kiger, Jimmy Baylot and Paul Mlakar was established to consider the development of an ASCE standard for Blast Design. The subcommittee is currently reviewing pertinent standards from Israel and the United Kingdom.
- Joe Tedesco has drafted a “call for papers” to support the effort for a special issue of the *Journal of Structural Engineering* on blast, shock and impact. The draft will be reviewed by the full committee for feedback at the 2002 Structures Congress.
- Ted Krauthammer served on the program coordinating committee for the *Society of Military Engineers (SAME) National Symposium on Comprehensive Force Protection* held in Charleston, SC on November 1-2, 2001. The basic objective of the symposium was to provide state-of-practice DOD natural hazards and force a protection design policy, criteria and methodology to consulting engineers and architects for immediate application

in the planning, evaluation and design of new construction and major modification projects for the built environment.

2. Conference Activity

- *2002 Structures Congress (Denver, CO)*
 - Mitigation of terrorists hazards
- *2003 Structures Congress (Seattle, WA)*
 - Designing and Evaluating Structures for Protection from Terrorists Threats

3. Paper Reviews for *ASCE Journal of Structural Engineering*

- 28 papers submitted
- 20 reviews completed
- 8 reviews pending
- 6 papers accepted (30% acceptance rate)
- 14 papers rejected

4. Future Plans

- Continue with subcommittee activities to evaluate ASCE Design Standard for blast effects.
- Complete ASCE web page
- Continue work on special issue of Journal of Structural Engineering

5. Financial Requirements for FY 2003

\$ 3,000.00