Mission: To disseminate and interpret information on the behavior and design of structural steel members, cold-formed to shape from flat materials, and to stimulate research and the publication of technical papers in this field of activity.

ASCE-SEI Committee on Cold-Formed Steel
Friday, 20 February 2004, 7 am – 8 am
Albuquerque, NM

1) Approval of Agenda / Agenda Updates
   Approved

2) Attendance
   14 total, members: Tom Sputo, Ben Schafer, Sam Easterling, Jay Larson, Nabil Rahman
   Guests: Ed Kile, Sandor Adany, Tom Trestain, Don Allen, Jim Crews, Vincent Sagan,
   Perry Green, Helen Chen

3) Approval of previous minutes
   Approved as written

4) Opening Remarks
   Welcome

5) Old Business
   a) Review of research needs list / making this list work for us
      The committee’s research needs list has been written up and is on the committee website. The list was given to SEI and to representatives of AISI, LGSEA, MBMA, SFA – specific items from the needs list were forwarded to appropriate committees in the AISI-COS by Ben Schafer. The committee felt that the research prioritization exercise was worthwhile and can help stimulate research in some small way. Thus the exercise of prioritizing research needs should be repeated approx. every other year.

6) Current/Ongoing Business
   a) 2004 Struct. Cong. “Practical Advances in Low-rise Metal Bldgs..” (Nashville)
      22-26 May in Nashville is the conference. Members of the committee expressed difficulty with the organization of this conference. Also, online registration etc. was unavailable as recently as last week.
      Our committee’s session is Wed. 26 May 8:30 am to 10:00 am in Nashville.
   b) 2004 CCFSS Conference – spreading the word
      Our committee will aid in reviewing papers for the CCFSS conference.
   c) 2005 Structures Congress Proposal (NYC)
      Our committee has submitted a proposal for a session on “Load bearing cold-formed steel behavior and design.” Committee members and friends: Don Allen, Reynaud Serrette, Nabil Rahman, and Tom Sputo have agreed to contribute their work should the session proposal be accepted.
   d) ASCE Special Projects: Bracing Proposal (Tom Sputo) – see 8 below
      Tom is off to a good start, see more discussion below.

7) New Business
   a) Cold-Formed Steel FAQs idea
The chair perceives a need for our web site to provide answers to frequently asked questions (FAQs) about cold-formed steel. Several members of the committee noted that their own organizations have tried to include FAQs on their web sites. The committee will draw up an initial list of FAQs based on their experience and collect links to other existing resources and then determine what the best approach for our own FAQ web page should be.

b) Direct Strength Method – shepherding
Tom Sputo, Joe Wellinghoff, Nabil Rahman, Tom Trestain, Rich Lindenberg, Jim Crews, Jay Larson, Sam Easterling, and Ed Kile have all expressed a willingness to examine Direct Strength Method example problems relevant to their area of expertise and comment on the examples.

c) Journal of Structural Engineering award nominees?
The committee requests that all papers published on cold-formed steel in JSE be brought to the committee in a list so that worthy papers can be forwarded on to TAC on Metals in a timely fashion. The Chair will do this in the future.

d) Coordination ideas? CCFSS, SSRC, LGSEA, ASCE-SEI
A good discussion on potential coordination efforts was discussed. Some ideas
CCFSS: work with CCFSS and JSE to get a subset of papers from their biannual conference published in JSE – the chair will bring this idea up to Editors at JSE. The CCFSS holds no copyright on its papers so this should be a straightforward process – the cold-formed committee is willing to perform the necessary peer review. LGSEA and SSMA: The director of LGSEA and tech director of SSMA, Don Allen, has agreed to join the ASCE committee in order to improve coordination amongst these groups. SSRC: Sam Easterling and Ben Schafer serve on both groups and help to aid communication – SSRC has beneficially aligned itself with AISC and these linkages should be examined by this committee to determine if any similar benefits could be made by aligning this committee more closely with AISC as well.

e) Special project submittals for next year?
No new special projects will be submitted until the bracing project is complete.

8) Bracing Special Project
a) Special project proposal – Business details
b) Draft outline
c) Draft chapter 1
d) Committee involvement and example problems
Tom’s draft of Ch.1 of his bracing project was favorably reviewed. He received many comments on others who may be able to help with example problems - Don Allen agreed to help out with trusses, Lee Shoemaker was suggested for some metal building bracing details. Tom anticipates having a full draft available at the July meeting. Tom informed several members that they will be receiving copyright release forms. Some specific comments on Ch. 1 included a need to discuss accumulation of bracing forces and how to handle superposition of torsional + flexural forces (developed in a brace). The committee is looking forward to working with Tom on this document as it continues to progress.

9) Logistics/Organization Details
a) Future meeting locations?
The next funded meeting will be at the February 2005 AISI meeting. The July 2005 AISI meeting has been moved to early August which causes some conflicts – an informal summer meeting will be planned, primarily to work with Tom.

b) Member recruitment (this year 6 left, 4 added, total = 14)
The committee chair (Ben Schafer) has asked for a 1 year extension to work with Tom Sputo to finish the bracing special project, after that 1 year a new chair will be needed. Interested members should contact the current chair. Currently as many as 6 member may have to rotate off the committee in 2004; however 5 people are listed as “friends of the committee” who are eligible to join in 2004. So, we would like to add a few eligible members.

c) Roster updating
Jay Larson provided and update. Jim Crews should be added to the “friends of the committee” list.

d) Control group members
Ed Kile who will be a new member added this summer has asked to be considered to be a CG member. This will be done is possible. Currently the control group consists of Ben Schafer, Sam Easterling, Tom Sputo, and Nabil Rahman. One should rotate off next year.

10) Next Meeting
TBA, see 9a) above.

11) Review of action items resulting from this meeting.

Immediate
All – Provide at least 5 frequently asked questions (answers not needed at this time) that are relevant to your work/field or cold-formed steel in general. Also, provide links to FAQs used at your own organization (if any).
Sputo – Continue work on bracing special project
Schafer – begin coordination of CFS papers formally included in JSE

Next meeting
Schafer – bring list of JSE cold-formed steel award eligible papers to next meeting
Schafer – Direct strength example problems to the committee
Schafer – initiate the research prioritization activity again in 2005

12) Adjournment