



## The American Society of Naval Engineers

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## The Society of Naval Architects and Marine Engineers

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27 June 2005

**Memorandum of Understanding**  
for a  
**Technical and Research Program Trial Alliance**  
between  
**SNAME (The Society of Naval Architects and Marine Engineers)**  
and  
**ASNE (American Society of Naval Engineers)**

**MEMORANDUM OF UNDERSTANDING** for cooperation between the American Society of Naval Engineers (ASNE) and the Society of Naval Architects and Marine Engineers (SNAME) (both not-for-profit corporations registered in Washington, DC and New York, respectively). ASNE and SNAME shall be referred to hereafter as the Societies whenever addressed jointly.

**PREAMBLE:** The ASNE and SNAME both have long established records of promoting the exchange of technical information within the maritime engineering community and helping to advance the state of the art within the maritime engineering professions. In furtherance of those purposes SNAME has developed a Technical and Research (T&R) Program that includes a robust structure of technical committees and panels. In evaluating possible areas of cooperation, the Societies have concluded that there is considerable potential that the T&R Program could be further strengthened through a cooperative effort, resulting in benefit to the constituencies of both Societies. To evaluate this potential benefit and provide an opportunity for learning how this cooperation might be implemented most effectively, the Societies have agreed to conduct a two-year T&R trial alliance. This Memorandum of Understanding (MOU) provides approval by the Societies and establishes the basis for cooperation between the Societies in conducting that trial alliance. The Societies each agree to proactively support the T&R trial alliance and to monitor progress and evaluate success so that an effective decision can be made at the end of the trial period regarding continuation or modification of the alliance

**OBJECTIVE:** The objective of this two-year trial program is to evaluate the potential for expanding and strengthening the existing SNAME T&R Program through a cooperative arrangement with ASNE. The trial period will allow ASNE to gain a greater understanding of the SNAME T&R Program and to develop an appropriate level of commitment to the program based on feedback from trial participation in various aspects of the program. Similarly, SNAME will have the opportunity to evaluate the potential benefit from a cooperative effort based on observation of the extent, commitment and effectiveness of ASNE participation during the trial period.

**IMPLEMENTATION:** The trial will provide opportunities for ASNE to observe and participate in various aspects of the T&R Program. This entails making the T&R panels “open” to ASNE members as described below.

ASNE Member participation in SNAME **T&R committees and panels:**

1. ASNE members will be allowed to participate in any existing T&R panel – though, it is not a frequent occurrence for voting within panels, should a vote be called, ASNE members may vote. Tables A and B of the Annex to this MOU identify the T&R Committees and Panels, respectively, that currently include members who are joint members of both societies and Table C provides an initial target list of additional Panels where it is expected that ASNE members could be quickly added.
2. ASNE will provide one member, *ex officio* and non-voting, to the T&R Steering Committee for liaison purposes.
3. ASNE will provide a member, *ex officio*, to as many of the T&R Committees as possible. Table A in the Annex to this MOU provides an initial target list of T&R Committees for ASNE *ex officio* membership. The ASNE Executive and Technical Director will coordinate with their SNAME counterparts to select these *ex officio* members.

Encourage **establishment of ASNE-centric panels** under the existing SNAME T&R structure or yet-to-be developed modifications to the T&R structure:

1. The Joint Strategic Alliance Committee has identified existing ASNE committees (combat systems and maintenance), which could spawn new panels under the SDC (Ship Design) and STOC (Technical and Operations) Committees, respectively. It is likely that other areas will be identified during the trial. During the trial period these panels may be chaired by ASNE members, who do not necessarily have to be SNAME members.
2. The new panels would be integrated into the existing T&R Program structure and chairs of these panels would report to the appropriate SNAME T&R Committee as do current SNAME panels.
3. The new panels will be open to SNAME and ASNE members and the Societies will endeavor to ensure active participation by both in order to demonstrate the benefits of cooperation.

**RIGHTS AND RESPONSIBILITIES:** Unless otherwise agreed, SNAME will retain intellectual property rights to all information developed by existing T&R Panels, including those to which ASNE members are added. Similarly, ASNE will retain intellectual property rights to all information developed by new ASNE-centric Panels. Should questions of rights arise they will be referred to the Joint Oversight Committee for resolution. ASNE and SNAME each agree to hold the other harmless from any loss, liability, costs or damages arising from actual or threatened claims or causes of action resulting from their respective participation in this trial program.

**TERMINATION:** The Societies mutually agree that there is great potential for this to be a win-win situation. However, should either society determine for any reason that they are unwilling or unable to continue the trial effort; they may discontinue the experiment by providing advance notice of 60 days to the other society. Unless otherwise terminated, the trial period will run for

two years from the effective date of this MOU. Thereafter, the trial may continue for up to six additional months while the Societies determine how to proceed based upon the results of the trial. This agreement will terminate six months after the end of the trial period unless otherwise modified or extended by agreement between the Societies.

**ASSESSMENT AND CONTINUATION:** The Societies agree to jointly assess the success of this trial effort and the Societies may each establish their own process to assist their respective leadership in evaluating whether to continue their respective commitment to a cooperative T&R Program.

1. The Executive Directors and Technical Directors of ASNE and SNAME will prepare a joint assessment in consultation with the Chair of the T&R Steering Committee.
2. ASNE will undertake the creation of a periodic “questionnaire” given to each participating ASNE member to solicit feedback on professional satisfaction, obtain a measure of actual or possible ASNE member and overall ASNE contribution, and identify areas of possible T&R Program expansion in ASNE “direction”. Where this information can assist the joint assessment or be of benefit to SNAME the results will be shared, particularly for the ASNE-centric panels.
3. SNAME may undertake a similar solicitation of feedback. Likewise, where this information can be of benefit to ASNE the results will be shared.
4. The joint assessment will include a review of the following expected potential benefits:

Benefit to SNAME: Stronger committees due to additional resources provided by ASNE members and an enhanced T&R Program through additional panels in ASNE-centric areas

Benefit to ASNE: Opportunity to make important contributions to the field, including the establishment and updating of real industry standards and practices

Committees and panels: Fully 75% of the existing panels are relevant to ASNE members; thus, ASNE member participation will enhance the work of these panels

Joint Committee: The ASNE/SNAME Joint Environmental Engineering is viewed as a model for this cooperative effort and it is expected that this trial will add visibility and support for the success of that committee

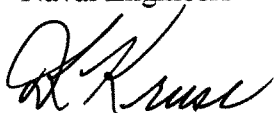
**SUPPORT:** SNAME will continue to support the T&R Program as before. ASNE will provide appropriate support for its respective role in the trial program. The staffs of both Societies may be called on as necessary for marketing, publicity, liaison, consultation or other incidental support. Such incidental support will not be counted as a cost for the program.

The extensive contacts and databases of both Societies will be used as appropriate for support of the trial program.

Both Societies will publicize this trial program in their respective publications and on their respective web sites and will assist in seeking participation from their members. ASNE will coordinate publicity efforts with SNAME to ensure the T&R Program is accurately portrayed to ASNE members. Each respective Society may fund, create and distribute additional publicity material for its own purposes as desired.

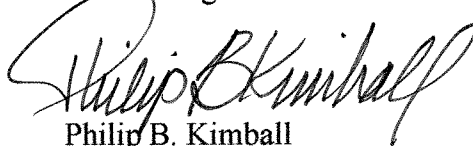
**FUNDS:** SNAME will continue to fund the T&R Program in accordance with current processes and budgets. This agreement does not commit either society to provide additional funds. However, if deemed appropriate, the Executive Directors of the Societies may, by mutual agreement, request additional funds for this effort from either or both of the Societies through their respective governance and budgetary processes. Members participating in the trial effort are responsible for obtaining funding for their own participation, but the Societies are not constrained from supporting participation by their respective members if they deem it appropriate. Additionally, each society may choose to provide funds for their respective support and assessment of the trial effort. The Societies commit to collect and share information on the cost of their respective participation and support for the T&R program.

For the American Society of  
Naval Engineers



Dennis K. Kruse  
Executive Director  
ASNE

For the Society of Naval Architects and  
Marine Engineers



Philip B. Kimball  
Executive Director  
SNAME

## Annex to T&R Trial Alliance MOU

### ASNE Members into SNAME T&R Program

**Table A** – Committees with members who are currently joint members of both SNAME and ASNE. These are committees in which ASNE members should have *ex officio* status.

SPC	Ship Production Committee
SMC	Ships' Machinery Committee
HSC	Hull Structure Committee
H	Hydrodynamics Committee
STOC	Ship Technical Operations Committee
SDC	Ship Design Committee
SRC	Ship Repair and Conversion Committee
SCC	Small Craft Committee

**Table B** - Panels with members who are currently joint members of both SNAME and ASNE – these will only be active panels, as there are some panels which are inactive.

SP (all)	All panels of the Ship Production Committee
M-34	Fiber optics
M-46	Gas turbines
O-38	Human factors and manning
O-41	Sealift
SD-1	Weights engineering
SD-4	Arrangements
SD-7	Forensics
H-7	Seakeeping
H-10	Maneuverability
S/C	Standards
AHP 13	Parametric roll – Ad Hoc Panel
AHP 14	Oily-water – Ad Hoc Panel

**Table C** - Panels with no known joint members, but where it is expected that ASNE members can contribute immediately.

M-19	Tests and trials
M-20	Machinery vibrations
M-24	Fuels and lubricants
M-36	Diesel power plant automation
M-45	Fuel cells
M-48	Nuclear Propulsion
O-45	Fire protection and safety
SD-2	Computer supported design
SD-3	Stability
SD-5	Advanced surface ships and craft
SD-6	Icebreaker technology
HS-1	Hull loadings
HS-2	Impact loadings
HS-3	Stress analysis and structures
HS-9	Hull materials
HS-12	Hull instrumentation
SC-1	Planing craft
SC-6	Productivity – small, medium-sized yards
SRC-1	Specifications, bidding and contracts
SRC-3	Sub-contractors and pricing
AHP-9	Ferry Transit – high speed – Ad Hoc Panel

Notes:

- 1 AHP-9 may be closed. In that case a new panel will be created if appropriate.
- 2 Currently vacant or inactive panels can be populated or activated as appropriate.