

**JOINT DINNER MEETING
SNAME SD-5 PANEL AND
INTERNATIONAL HYDROFOIL SOCIETY**

**Thursday, 13 August 2015
Army Navy Country Club, Arlington, VA**

5:30 to 6:30 Cash Bar - 6:30 to 7:30 Dinner - 7:30 to 8:30 Program

**Romaine salad
Grilled marinated chicken paillard with saffron cous cous and broccolini
Chocolate mousse, Coffee & tea**

Price: \$35.00

To pay online, by 7 August, go to <http://foils.org/meetings.htm>

Make reservations by 4:00 Friday, 7 August

with Allen Ford at allenford@verizon.net or Mark Bebar at mbebar@csc.com

Please honor reservations. No-shows may be requested to cover costs incurred.

Joint High Speed Vessel (JHSV)

Design & Delivery Update

Stephen L. Kantz

NAVSEA Ship Design Manager



JHSV is a commercial-based non-combatant vessel design built to the requirements of the American Bureau of Shipping High Speed Naval Craft Guide (ABS - HSNCG) and, with the exception of certain military characteristics, the International Maritime Organization High Speed Craft Code (IMO-HSC). Military-unique requirements identified in its Performance Specification (PSPEC) included armament, aviation, C4I, damage control, and fueling at sea. The JHSV is capable of transporting 600 short tons (544 metric tons) 1,200 nautical miles at an average speed of 35 knots. The ships are capable of operating in shallow-draft ports and waterways, interfacing with roll-on/roll-off discharge facilities, and on/off-loading combat-loaded vehicles, including Abrams Main Battle Tanks (M1A2). JHSV includes a flight deck for helicopter operations (up to and including H-53E), airline style seating for 312 embarked troops, and troop berthing for 104.

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Stephen Kantz graduated in 1978 from the US Coast Guard Academy with a BS in Marine Engineering; he received a second BS degree in Chemical Engineering from the University of Maryland in 1985. Steve served twenty years as a US Coast Guard officer where his assignments included afloat and ashore engineering duties; commercial tank vessel structural and stability plan reviewer; 13 years in varying roles with merchant marine safety and inspection; and as a regulatory project officer for offshore lightering. After retiring in 1998, he joined CSC supporting Mobil Oil's tanker office and serving as CSC's Project Manager for the Navy's LMSR Program and MPF(F) program. He joined the NAVSEA Surface Ship Design group (SEA 05D) in 2007 where he was the Navy Technical Authority/SDM for the transition of the SBX-1 Sea-Based X-Band Radar from the Missile Defense Agency to the Navy. In 2010 he was selected as Deputy SDM for the JHSV Program and in 2015 as the JHSV SDM.