**Call for Papers – 2013 TSCF Meeting with the Shipbuilders**

**Introduction**

Since its inception the Tanker Structure Cooperative Forum has held periodic meetings with the shipbuilders to share feedback on ships-in-service.

**Session 1: TSCF role and Oil Major requirements**

The TSCF will give an overview of its role and the publications it has issued. The oil major members of the Forum will present their expectations for vessels in service.

**Session 2: IMO GBS/IACS CSR-H**

The classification societies of the Forum will briefly describe the impact of the new IMO Goal Based Standards on classification rules and present an overview of the Harmonized CSR for oil tankers. Attendees are invited to present papers on the impact of the Harmonized CSR on tanker structural design (by type, e.g. VLCC, Aframax, product tankers) including effect on lightship weight, use of high tensile steels, and changes in structural details.

**Session 3: Fatigue**

The TSCF will present its new information paper on Fatigue. Attendees are invited to present papers on their experience with design for 25 year fatigue life, impact on construction standards, and any improvement ideas for fatigue life of shipyard designs. Fatigue cracking in way of outfitting continues to be an in-service problem for owners so papers focusing on improved outfitting connections to main deck and other locations are sought.

**Session 4: Coatings and Corrosion control**

The TSCF independent operators will present their experiences with PSPC, and experience with corrosion and wastage issues of ships-in-service. Attendees are invited to present papers on problems encountered in applying PSPC regulations and solutions for improved application. Experience with the new IMO regulations on coating of cargo tank deckheads and bottoms are also desired. Papers on other methods of corrosion control such as corrosion resistant steel are also invited.

**Session 5: Other experience/New design**

The TSCF will present one paper on usage of HTS in tankers.

Shipyards and shipyard-sub-supplier are invited to submit papers describing interesting and state of the art core production methods including best practice experiences. Examples of topics that might be covered include the following:

* Plate and profile stocking
* Material traceability of steel material
* Transportation techniques
* Drying and primer application
* Steel cutting techniques
* Parts identification (material traceability)
* Edge preparation (rounding of edges)
* Shaping and Bending techniques
* Welding techniques
* Preheating and post weld heat treatments
* Straightening
* Sandblasting, cleaning and paint application techniques
* Paint repair
* Corrosion protection during outfitting of afloat vessel
* Mooring and towing of afloat vessel during outfitting

Factors that constitute production friendly specifications within the scope of existing rules and regulations are also of interest. Suggestions for improvements in owner’s design requirements that are considered onerous vis a vis production are also welcome.

Other papers sharing best practices on the state of the art in structural shipbuilding methods, and fabrication technologies are welcome as well as novel design features to address such issues as EEDI, Anti-piracy and BWT.

**Schedule of Papers Collection**

Paper title and paper abstract to be submitted before the 15th, Nov., 2012

Preliminary full paper to be submitted before the 15th, Mar., 2013

Improved full paper based on TSCF’s comments after first review to be submitted before the 15th, Jul., 2013

Final full paper based on TSCF’s comments after second review to be submitted before the 15th, Sept., 2013

**Paper Format**

All of papers to be presented in TSCF 2013 SBM should be in accord with the paper format as **Appendix 1 (Paper Format)**.