



Jim Pope Vice Chair
thanks Ken Drapeau,
Fleetway, and Dean
Steinke, DSA

MEETING NOTICE:
SNAME CANADIAN ATLANTIC SECTION
TECHNICAL PRESENTATION PAPER EVENING

DATE: THURSDAY, 11 DEC, 2014

PLACE: MARITIME MUSEUM OF THE ATLANTIC,
1675 LOWER WATER STREET, HALIFAX, NS

SCHEDULE: 6:30PM – GATHER AND INTRODUCTIONS
6:35PM – TECHNICAL PRESENTATIONS
7:55PM – INFORMAL DISCUSSIONS WITH FINGER FOOD &
REFRESHMENTS

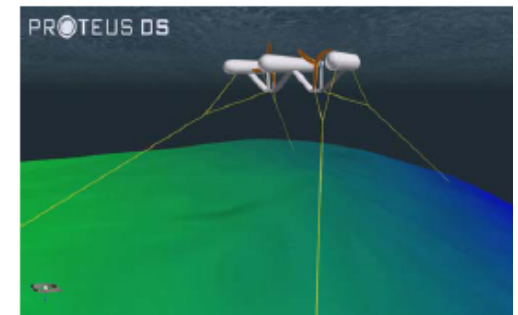
PRESENTATION:

Andrew Baron, Dean Steinke
Dynamic Systems Analysis Ltd. Halifax

**“Making tidal energy projects stick” -
Lessons learned in the analysis of
moorings, anchoring, and operations
in tidal energy sites.**

Abstract:

Dynamic Systems Analysis Ltd (DSA) has recently completed several studies on floating platforms and moorings for tidal energy developments in the Bay of Fundy. Mooring in tidal energy locations presents many unique challenges, including: high tidal ranges relative to depth, high current velocities, complex combined wind and wave loading, and unique installation considerations. In addition, anchoring these moorings is also distinct from conventional offshore applications in that hard scoured seabeds frequently consisting of basalt, boulders, and cobbles make drag embedment anchors ineffective necessitating the use of gravity based anchors, or drilled or piled foundations. The presentation will discuss the lessons learned through these projects, and will present the methods used and the ProteusDS software technology developed by DSA to address these challenges.



RSVP by Tuesday, 9 Dec 2014 to:

Nick Fyffe email Nicholas.Fyffe@emera.com call 240-4517

The cost for the meeting is, \$5 for SNAME Members and their
Guests, \$10 for non-members, Free for Students (with ID)