



Marine Energy R&D Technical Advisory Committee (TAC) Meeting

Friday, November 22nd, 2013

Ottawa, Ontario

Purpose

NRCan's Marine Energy R&D Group has planned a one day meeting inviting key representatives from industry, the academic research community and government officials to provide input into the strategic planning and direction of the Marine Energy R&D group at NRCan. In late 2014, the Marine Energy R&D group will be submitting proposals for the new round of a 4-year project funding (which will begin in April 2015). Now is the time to begin thinking strategically about how the activities taken on by the Marine Energy R&D group will most benefit this sector, and align with strategic documents such as the Canadian Marine Renewable Energy Technology Roadmap among others. This year's TAC meeting will focus on identifying research priorities that NRCan could lead that are complimentary to the work being undertaken by the Marine Energy Sector

The Ad-Hoc Technical Advisory Committee (TAC)

To help steer the direction of Marine Energy R&D at NRCan, an ad-hoc TAC is put together on an annual basis and participants attend a one-day meeting. With the recent development on the Marine TRM, the TAC meetings were put on pause as the information from the TRM fed into the strategic direction of the group. However, now that the activities within the TRM are getting underway, it is important to re-start the TAC meetings. The TAC committee represents a cross section of Canadian industry, academia, provincial and national associations and other federal government departments involved with marine energy and emerging ocean energy technologies for tidal, wave, and river current energy.

NRCan's Marine Energy R&D Group

CanmetENERGY's Marine Energy R&D group's mandate is "*Research to accelerate Canada's capacity to develop world-class technologies, demonstrating marine energy as a reliable source of power, as well as an economic and export opportunity*".

The Marine Energy R&D group has been moving away from the role of project manager, and more towards being the 'performer'/researcher through in-house CFD modelling, desktop studies, and other research activities. This trend will continue, while ensuring that our research is in accordance with NRCan's strategic direction, and in alignment with the marine renewable energy sector. NRCan's priorities are to "*promote the sustainable and economic development of our natural resources, while improving the quality of life of Canadians*". Our group is doing this by:

- Leading and conducting strategic research supporting the development of the marine energy sector, marine energy technologies and publishing reports and papers
- Providing expertise and input into the development of codes and standards
- Providing strategic input and international representation through International Energy Agency (IEA), and through international agreements such as the UK-Canada Joint Declaration and the US-Canada Clean Energy Dialogue
- Technical contributions and research to support technology development
- Supporting and providing input into federal policy and programs