

Nova Scotia Energy Research and Development Forum 2012

Sandy MacMullin

Biography

Roderick Alexander (Sandy) MacMullin is currently Executive Director of the Petroleum Resources Branch with the Nova Scotia Department of Energy. His Branch is responsible for providing strategic policy advice to the Nova Scotia government regarding upstream oil and gas exploration and development activities, coordinating special onshore and offshore studies to investigate petroleum resource potential, and the technical promotion Nova Scotia's oil and gas potential to investors. His Branch also coordinates the regulation of onshore petroleum exploration and development activity.

Mr. MacMullin earned a Bachelor of Engineering degree from the Technical University of Nova Scotia in 1981. Prior to his employment with the Department, Mr. MacMullin held various positions within the Nova Scotia provincial government beginning in 1991, including assignments with the Departments of Mines and Energy, and Natural Resources and the Nova Scotia Petroleum Directorate. During the 1981 to 1991 time period, Mr. MacMullin was employed as a petroleum reservoir engineer for the Canada Oil and Gas Lands Administration (COGLA) in Ottawa working mainly on offshore Nova Scotia oil and gas fields.

Presentation Abstract: Play Fairway Analysis (PFA) Program: The Results, the Atlas, the Derisking of the Offshore & the Evergreening of the PFA

The offshore Nova Scotia Play Fairway Analysis, or PFA, is a comprehensive assessment of the oil and gas potential of the Scotian Shelf. In 2008, the Province of Nova Scotia granted \$19 million in offshore energy R&D funding to the Offshore Energy Technical Research (OETR) Association (now the Offshore Energy Research Association of Nova Scotia) with the principal R&D focus to be a \$15 million Play Fairway Analysis. OETR commissioned the PFA in early 2009 and the results were announced by the Nova Scotia Minister of Energy in the spring of 2011. The PFA was a collaborative effort of local and international petroleum experts and their organizations. These experts were from the private sector, the public sector and academia. The PFA concluded that there is 120 tcf of gas and 8 billion barrels of oil potential for offshore Nova Scotia.

This talk will discuss the process used to deliver the PFA as well as the results and general feedback received from major international oil and gas explorers and developers. The talk will also identify the nature of future R&D that the Nova Scotia Department of Energy believes is necessary in order to keep the PFA results evergreen going forward.