

MEMORANDUM FOR THE SECRETARY OF STATE

THE SECRETARY OF DEFENSE

THE SECRETARY OF COMMERCE

THE SECRETARY OF ENERGY

THE SECRETARY OF HOMELAND SECURITY

THE DIRECTOR OF THE OFFICE OF MANAGEMENT AND
BUDGET

THE ASSISTANT TO THE PRESIDENT FOR NATIONAL

operationally tested and fully deployable by Fiscal Year 2029. Accordingly, by the authority vested in me as President by th

(i) Use cases in the Arctic that span the full range of national and economic security missions (including the facilitation of resource exploration and exploitation and undersea cable laying and maintenance) that may be executed by a class of medium PSCs, as well as analysis of how these use cases differ with respect to the anticipated use of heavy PSCs for these same activities. These use cases shall identify the optimal number and type of polar security icebreakers for ensuring a persistent presence in both the Arctic and, as appropriate, the Antarctic regions;

(ii) An assessment of expanded operational capabilities, with estimated associated costs, for both heavy and medium PSCs not yet contracted for, specifically including the maximum use of any such PSC with respect to its ability to support national security objectives through the use of the following: unmanned aviation, surface, and undersea systems; space systems; sensors and other systems to achieve and maintain maritime domain awareness; command and control systems; secure communications and data transfer systems; and intelligence-collection systems. This assessment shall also evaluate defensive armament adequate to defend against threats by near-peer competitors and the potential for nuclear-powered propulsion;

(iii) Based on the determined fleet size and composition, an identification and assessment of at least two optimal United States basing locations and at least two international basing locations. The basing location assessment shall include the costs, benefits, risks, and challenges related to infrastructure, crewing, and logistics and maintenance support for PSCs at these locations. In addition, this assessment shall account for potential burden-sharing opportunities for basing with the Department of Defense and allies and partners, as appropriate; and

(iv) In anticipation of the USCGC POLAR STAR's operational degradation from Fiscal Years 2022-2029, an analysis to identify executable options, with associated costs, to

(b) This memorandum shall be implemented consistent with applicable law and