

Administration of Donald J. Trump, 2025

Memorandum on Winning the 6G Race

December 19, 2025

Memorandum for the Secretary of State, the Secretary of War, the Secretary of Commerce, the Secretary of Transportation, the Secretary of Energy, the Secretary of Homeland Security, the Director of the Office of Management and Budget, the Director of National Intelligence, the Chairman of the Federal Communications Commission, the Assistant to the President for Economic Policy, the Assistant to the President for Science and Technology, and the Assistant to the President for National Security Affairs

Subject: Winning the 6G Race

By the authority vested in me as President by the Constitution and the laws of the United States of America, I hereby direct:

Section 1. Purpose. The next generation of mobile communications networks (6G) will be foundational to the national security, foreign policy, and economic prosperity of the United States. This technology will play a pivotal role in the development and adoption of emerging technologies like artificial intelligence, robotics, and implantable technologies. 6G will also provide faster, more resilient, and more secure communication networks that can be utilized for national security and public safety purposes.

It is the policy of the United States to lead the world in 6G development. Certain steps are necessary to achieve the goal of this policy, including steadfastly advancing American interests in the international standards bodies that will play a crucial role in 6G development, and identifying a significant volume of radiofrequency spectrum that can be harmonized for 6G networks internationally. My Administration has been studying multiple spectrum bands this year to determine what Federal spectrum can be reallocated to commercial use for 6G development without undermining national security missions that occur in those bands. Consistent with the preliminary conclusions of those evaluations, I am hereby directing the following actions to ensure America's leadership in 6G development.

Sec. 2. Spectrum Relocation. (a) The Assistant Secretary of Commerce for Communications and Information (Assistant Secretary) shall, in consultation with the Assistant to the President for Economic Policy and the Assistant to the President for Science and Technology, immediately commence studies in consultation with Federal incumbents with operations between the 7.125–7.4 GHz spectrum frequencies to determine how to relocate their affected systems to other frequencies, including 7.4–8.4 GHz.

(b) No later than 12 months from the date of this memorandum, the Assistant Secretary shall submit to the President, through the Assistant to the President for Economic Policy, the Assistant to the President for Science and Technology, and the Assistant to the President for National Security Affairs, results of the studies required under subsection (a) of this section, including estimated transition costs and timelines as determined by the Assistant Secretary. This submission by the Assistant Secretary shall also demonstrate how such relocation of systems will not materially impair the national security missions or electric grid operations that occur in the 7.125–7.4 GHz band, as identified by the Secretary of War and the Director of National Intelligence.

(c) This section shall not apply to systems at fixed geographic sites that are used for satellite telemetry uplink and radio astronomy as identified by the Assistant Secretary.

Sec. 3. Spectrum Designation. Pursuant to section 40002(c)(2)(A) of the One Big Beautiful Bill Act (Public Law 119–21), the Assistant Secretary shall immediately begin the process of identifying the band of spectrum frequencies at 7.125–7.4 GHz for reallocation for full-power commercial licensed use cases.

Sec. 4. Spectrum Studies. Pursuant to section 40002(f) of the One Big Beautiful Bill Act, the Assistant Secretary shall immediately begin the process to commence studies on the 2.69–2.9 GHz and the 4.4–4.94 GHz spectrum frequencies to determine whether portions of those bands can feasibly be reallocated for full-power commercial licensed use cases.

Sec. 5. Diplomatic Engagement. The Secretary of State shall, in coordination with the Assistant to the President for Economic Policy, the Assistant to the President for Science and Technology, the Assistant Secretary, the Chairman of the Federal Communications Commission, and any other official the Secretary of State deems appropriate, advance the objectives identified in section 1 of this memorandum through diplomatic engagements. These efforts shall include building a coalition of industry and foreign partners that supports the United States' positions on Agenda Item 1.7 at the International Telecommunication Union's World Radiocommunication Conference-27.

Sec. 6. General Provisions. (a) Nothing in this memorandum shall be construed to impair or otherwise affect:

(i) the authority granted by law to an executive department or agency, or the head thereof; or

(ii) the functions of the Director of the Office of Management and Budget relating to budgetary, administrative, or legislative proposals.

(b) This memorandum shall be implemented consistent with applicable law and subject to the availability of appropriations.

(c) This memorandum is not intended to, and does not, create any right or benefit, substantive or procedural, enforceable at law or in equity by any party against the United States, its departments, agencies, or entities, its officers, employees, or agents, or any other person.

DONALD J. TRUMP

NOTE: An original was not available for verification of the content of this memorandum.

Categories: Communications to Federal Agencies : 6G technology, global competition, memorandum.

Subjects: Assistant Secretary of Commerce for Communications and Information; Broadband and wireless technologies; Director of National Intelligence; Secretary of State; Secretary of War.

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