

Explanation of Experimental Program

Northrop Grumman Systems Corporation ("Northrop Grumman"), the applicant, requests an experimental radio station authorization with a two-year license term to cover the facilities that Northrop Grumman is currently operating pursuant to a grant of Special Temporary Authority under Call Sign WC9XAT (File No. 0681-EX-ST-2005). Northrop Grumman requires this authorization in order to continue to test and develop an electronically scanned phased array antenna consisting of ground fixed/base and airborne transmitter units as part of an internal research and development project. In the future, Northrop Grumman may receive orders for this equipment from the United States government.