

Application to Modify Experimental License

Northrop Grumman Systems Corporation (NGSC) respectfully requests that condition (4), subsections (5) & (7) on experimental license WH2XRS, File No. 0294-EX-CR-2019, be modified consistent with the updated coordination by the Federal Aviation Administration (FAA), email from Oscar Valle-Colon dated 10 Dec 2019 copied below. All other aspects should remain as currently authorized. Specifically:

- For sub-section(5)
 - Change from: “at least 30 secs of quiet must follow each minute of radiation”
 - Change to: “radiation shall be performed in 25 minutes period[s].”
- For sub-section (7) (Hanover)
 - Change from: “blank between azimuth 37 to 265 deg”
 - Change to: “blank between azimuth 178-135 deg (transmissions are allowed 135-178 deg)”

From: Valle-Colon, Oscar (FAA) <Oscar.Valle-Colon [at] faa.gov>
Sent: Tuesday, December 10, 2019 10:23 AM
To: Brunelle, Gary CTR (FAA) <gary.ctr.brunelle [at] faa.gov>
Cc: Nekula, Kevin [US] (MS) <kevin.nekula [at] ngc.com>
Subject: EXT :WH 2XRS

Gary,

Please communicate to the FCC that FAA is recommending the following changes (operational conditions) on the IFF interrogator associated to WH 2XRS(NG 176657):

- 1- Blanking restriction be updated to 178-135 (transmission are allowed 135-178).
- 2- The 30 seconds quiet time follow a minute radiation be updated to radiation shall be performed in 25 minutes period.

Please let me know if you have any question.

Thanks

Oscar Valle
Electronics Engineer
FAA Spectrum Engineering Services, AJW-1C2
800 Independence Ave. SW, Suite 7E-511
Washington, DC 20591-0004
Office: 202-267-8616