FAA Changes to FAA Coordination Numbers NG T182100 & NG T182101

Below are changes made by the Federal Aviation Administration (FAA) and accepted by Northrop Grumman Systems Corporation (NGSC) to FAA Coordination Numbers NG T182100 and NG T182101. Copies of these coordinations were filed with this application for experimental license and are amended as described below.

From: "donotreply_from_webfcr@faa.gov" <donotreply_from_webfcr@faa.gov>
< >
Date: Tuesday, June 19, 2018 at 8:03 AM
Subject: EXT :FAA Concurrence of Record TRK 182100

Dear Proponent,

Your Frequency Coordination Request has been engineered by FAA Spectrum Engineering.TRK 182100 is assigned an FAA Coordination number NG T180134 which indicates FAA's concurrence. Please note that this does not constitute authority to transmit.

A formal application must be filed with the FCC, that includes reference to the above FAA Coordination number which is valid until 12/16/2018. If an extension is desired, please submit an inquiry via WebFCR for an extension. Your authority totransmit accordingly must be obtained from the FCC.FAA Spectrum has provided the following comment:

FAU Line: SPECIAL CONDITIONS 1. ALL RADIATION MUST BE CONFINED TO 275-310 DEGREES REFERENCE TO TRUE NORTH. 2. THE SYSTEM WILL USE THE ANTENNA TPS-78 AND TPS-703 WITH BACK FILL RADIATOR, TO COVER THE SIDE AND BACK LOBES. 3. 2KW REPRESENT THE MAX ALLOWED TX POWER, TX POWER SHOULD BE ADJUSTED TO THE NECESSARY TO COVER THE 108 NM. 4. TO MANAGE THE AGGREGATE IMPACT IN 1030/1090 MHZ THIS RFA CAN NOT OPERATE SIMULTANEOUSLY WITH THE UPX-37 WITH TPS-78 AND TPS-703 AT ELKRIDGE, MD.

The attached file contains a Summary Table of the key record parameters documented throughout the process. The following Revision Table outlines the attributes which were revised:

Attribute	Revised Value
Frequency	M1030.0000

Thank You
FAA Spectrum Engineering

Attachment

TRK 182100 (NG T180134) Summary

Attribute	Record Parameter
Serial Number	NG T180134
Frequency	M1030.0000
City	ELKRIDGE
State	MD
Transmitter Radius	108
Transmitter Latitude	391153.00N
Transmitter Longitude	0764516.00W
Antenna Height	0015
Receiver Latitude	391153.00N
Receiver Longitude	0764516.00W
Service Type	
Equipment Type	C,NOC UPX-37-IFF,PD0.8
Antenna Type	SLOTTDWVGD
Flight Level	
Runway Number	

From: "donotreply_from_webfcr@faa.gov" <donotreply_from_webfcr@faa.gov>
< >
Date: Tuesday, June 19, 2018 at 7:57 AM
Subject: EXT :FAA Concurrence of Record TRK 182101

Dear Proponent,

Your Frequency Coordination Request has been engineered by FAA Spectrum Engineering.TRK 182101 is assigned an FAA Coordination number NG T180135 which indicates FAA's concurrence. Please note that this does not constitute authority to transmit.

A formal application must be filed with the FCC, that includes reference to the above FAA Coordination number which is valid until 12/16/2018. If an extension is desired, please submit an inquiry via WebFCR for an extension. Your authority totransmit accordingly must be obtained from the FCC.FAA Spectrum has provided the following comment:

FAU Line: SPECIAL CONDITIONS 1. ALL RADIATION MUST BE CONFINED TO 275-310 DEGREES REFERENCE TO TRUE NORTH. 2. THE SYSTEM WILL USE THE ANTENNA TPS-78 AND TPS-703 WITH BACK FILL RADIATOR, TO COVER THE SIDE AND BACK LOBES. 3. 2KW REPRESENT THE MAX ALLOWED TX POWER, TX POWER SHOULD BE ADJUSTED TO THE NECESSARY TO COVER THE 108 NM. 4. TO MANAGE THE AGGREGATE IMPACT IN 1030/1090 MHZ THIS RFA CAN NOT OPERATE SIMULTANEOUSLY WITH THE UPX-37 WITH TPS-78 AND TPS-703 AT ELKRIDGE, MD.

The attached file contains a Summary Table of the key record parameters documented throughout the process. The following Revision Table outlines the attributes which were revised:

Attribute	Revised Value
Frequency	M1030.0000

Thank You
FAA Spectrum Engineering

Attachment

TRK 182101 (NG T180135) Summary

Attribute	Record Parameter
Serial Number	NG T180135
Frequency	M1030.0000
City	LINTHICUM
State	MD
Transmitter Radius	108
Transmitter Latitude	391046.00N
Transmitter Longitude	0764123.00W
Antenna Height	0015
Receiver Latitude	391046.00N
Receiver Longitude	0764123.00W
Service Type	
Equipment Type	C,NOC UPX-37-IFF,PD0.8
Antenna Type	SLOTTDWVGD
Flight Level	
Runway Number	