## **FAA Coordination Documents**

### NG T230025

From: "donotreply from webfcr [at] faa.gov" <donotreply from webfc [at] faa.gov>

Date: Thursday, January 5, 2023 at 6:21 PM

To: "Kedrowski, John M [US] (AS)" <John.Kedrowski [at] ngc.com>Cc: "Lorena.Carvajal [at] faa.gov" <Lorena.Carvajal [at] faa.gov>

Subject: EXT: FAA Concurrence of Record TRK 230026, Project: NFEJK12/17/2022(1)

Dear john.kedrowski [at] ngc.com,

The FAA Spectrum Engineering Services has completed the review of your Frequency Coordination Request.

TRK 230026 is assigned an FAA Coordination number NG T230025 that indicates FAA's coordination that may or may not include operational limits/conditions as part of the requirement for FAA concurrence. The FAA Spectrum Engineering Services has provided the following comments:

COMMENTS: NONE

Please note that this concurrence does not constitute authority to transmit. Your authority to transmit must be obtained from the FCC.

Please provide this concurrence notice to the FCC as part of your frequency application, to demonstrate completion of the FAA coordination process. The FAA Coordination number is only valid until 7/4/2023; if you need an extension, please submit an inquiry via WebFCR.

The attached file contains a Card 3 format with all technical and operational parameters; operations are required to be contained within these parameters for the FAA's concurrence to remain valid. If any of these parameters change, the license to transmit shall be re-coordinated with the FAA and updated with the FCC. A document that explains each field of the Card 3 format in plain text is attached.

The following Revision Table outlines key parameters of this coordination:

Attribute	Record Parameter
Serial Number	NG T230025
Frequency	M299.9500
City	MOSS POINT
State	MS
Transmitter Radius	5 NM
Transmitter Latitude	302930.00N
Transmitter Longitude	0883140.00W
Receiver Latitude	302930.00N
Receiver Longitude	0883140.00W
Equipment Type	C,RIE AN/ARC-210
Antenna Type	DISCONE
Flight Level	25000 Feet

Best regards,

Exhibit 2 Northrop Grumman Systems Corporation FCC File No. 0050-EX-ST-2023 Page 2 of 12

## NTIA Card 3

\$\$ADD NG T230025

TYP01 N

DAT01 230105

CLA01 U

FRQ01 M299.9500

EXD01 230731

STC01 XT

EMS01 25K00F1D

PWR01 W.02300

XSC01 MS

XAL01 MOSS POINT

XLA01 302930N

XLG01 0883140W

XAD01 02GDISCONE

XAZ01 ND

RSC01 MS

**RAL01 MOSS POINT** 

RLA01 302930N

RLG01 0883140W

RAD01 02GDISCONE

RAZ01 ND

BUR01 FCC

BIN01

REM01 \*RAD,0009,0005NM,B

REM02 \*EQT,C,RIE AN/ARC-210

REM03 \*EQR,C,RIE AN/ARC-210

REM04 \*AGN,FLL=000,FLT=250

REM05 \*NTS,M018,FAA ,230105,LCARVAJ,NG T230025

From: "donotreply\_from\_webfcr [at] faa.gov" <donotreply\_from\_webfcr [at] faa.gov>

Date: Thursday, January 5, 2023 at 6:24 PM

To: "Kedrowski, John M [US] (AS)" <John.Kedrowski [at] ngc.com> Cc: "Lorena.Carvajal [at] faa.gov" <Lorena.Carvajal [at] faa.gov>

Subject: EXT :FAA Concurrence of Record TRK 230027, Project: NFEJK12/17/2022(1)

Dear john.kedrowski [at] ngc.com,

The FAA Spectrum Engineering Services has completed the review of your Frequency Coordination Request.

TRK 230027 is assigned an FAA Coordination number NG T230026 that indicates FAA's coordination that may or may not include operational limits/conditions as part of the requirement for FAA concurrence. The FAA Spectrum Engineering Services has provided the following comments:

#### COMMENTS: NONE

Please note that this concurrence does not constitute authority to transmit. Your authority to transmit must be obtained from the FCC.

Please provide this concurrence notice to the FCC as part of your frequency application, to demonstrate completion of the FAA coordination process. The FAA Coordination number is only valid until 7/4/2023; if you need an extension, please submit an inquiry via WebFCR.

The attached file contains a Card 3 format with all technical and operational parameters; operations are required to be contained within these parameters for the FAA's concurrence to remain valid. If any of these parameters change, the license to transmit shall be re-coordinated with the FAA and updated with the FCC. A document that explains each field of the Card 3 format in plain text is attached.

The following Revision Table outlines key parameters of this coordination:

Attribute	Record Parameter
Serial Number	NG T230026
Frequency	M299.9500
City	MOSS POINT
State	MS
Transmitter Radius	5 NM
Transmitter Latitude	302930.00N
Transmitter Longitude	0883140.00W
Antenna Height	40 Feet
Receiver Latitude	302930.00N
Receiver Longitude	0883140.00W
Equipment Type	C,RIE AN/ARC-210
Antenna Type	DISCONE
Flight Level	25000 Feet

Best regards,

Exhibit 2 Northrop Grumman Systems Corporation FCC File No. 0050-EX-ST-2023 Page 4 of 12

# NTIA Card 3

\$\$ADD NG T230026

TYP01 N

DAT01 230105

CLA01 U

FRQ01 M299.9500

EXD01 230731

STC01 XT

EMS01 25K00F1D

PWR01 W.02300

XSC01 MS

XAL01 MOSS POINT

XLA01 302930N

XLG01 0883140W

XAD01 02GDISCONE 0012T

XAZ01 ND

RSC01 MS

**RAL01 MOSS POINT** 

RLA01 302930N

RLG01 0883140W

BUR01 FCC

BIN01

REM01 \*RAD,0009,0005NM,B

REM02 \*EQT,C,RIE AN/ARC-210

REM03 \*EQR,C,RIE AN/ARC-210

REM04 \*AGN,FLL=000,FLT=250

REM05 \*NTS,M018,FAA ,230105,LCARVAJ,NG T230026

From: "donotreply from webfcr [at] faa.gov" <donotreply from webfcr [at] faa.gov>

Date: Thursday, January 5, 2023 at 6:25 PM

To: "Kedrowski, John M [US] (AS)" <John.Kedrowski [at] ngc.com>Cc: "Lorena.Carvajal [at] faa.gov" <Lorena.Carvajal [at] faa.gov>

Subject: EXT :FAA Concurrence of Record TRK 230028, Project: NFEJK12/17/2022(1)

Dear john.kedrowski [at] ngc.com,

The FAA Spectrum Engineering Services has completed the review of your Frequency Coordination Request.

TRK 230028 is assigned an FAA Coordination number NG T230027 that indicates FAA's coordination that may or may not include operational limits/conditions as part of the requirement for FAA concurrence. The FAA Spectrum Engineering Services has provided the following comments:

### COMMENTS: NONE

Please note that this concurrence does not constitute authority to transmit. Your authority to transmit must be obtained from the FCC.

Please provide this concurrence notice to the FCC as part of your frequency application, to demonstrate completion of the FAA coordination process. The FAA Coordination number is only valid until 7/4/2023; if you need an extension, please submit an inquiry via WebFCR.

The attached file contains a Card 3 format with all technical and operational parameters; operations are required to be contained within these parameters for the FAA's concurrence to remain valid. If any of these parameters change, the license to transmit shall be re-coordinated with the FAA and updated with the FCC. A document that explains each field of the Card 3 format in plain text is attached.

The following Revision Table outlines key parameters of this coordination:

Attribute	Record Parameter
Serial Number	NG T230027
Frequency	M313.2500
City	MOSS POINT
State	MS
Transmitter Radius	5 NM
Transmitter Latitude	302930.00N
Transmitter Longitude	0883140.00W
Antenna Height	40 Feet
Receiver Latitude	302930.00N
Receiver Longitude	0883140.00W
Equipment Type	C,RIE AN/ARC-210
Antenna Type	DISCONE
Flight Level	25000 Feet

Best regards,

Exhibit 2 Northrop Grumman Systems Corporation FCC File No. 0050-EX-ST-2023 Page 6 of 12

# NTIA Card 3

\$\$ADD NG T230027

TYP01 N

DAT01 230105

CLA01 U

FRQ01 M313.2500

EXD01 230731

STC01 XT

EMS01 25K00F1D

PWR01 W.02300

XSC01 MS

XAL01 MOSS POINT

XLA01 302930N

XLG01 0883140W

XAD01 02GDISCONE 0012T

XAZ01 ND

RSC01 MS

**RAL01 MOSS POINT** 

RLA01 302930N

RLG01 0883140W

RAD01 02GDISCONE 0012T

RAZ01 ND

BUR01 FCC

BIN01

REM01 \*RAD,0009,0005NM,B

REM02 \*EQT,C,RIE AN/ARC-210

REM03 \*EQR,C,RIE AN/ARC-210

REM04 \*AGN,FLL=000,FLT=250

REM05 \*NTS,M018,FAA ,230105,LCARVAJ,NG T230027

SUP01 PURPOSE OF THE REQUEST:ESTABLISH COMMAND AND CONTROL FREQUENCIES FOR CIV

SUP02 IL MQ8C FIRESCOUT OPERATION;;;

From: "donotreply from webfcr [at] faa.gov" <donotreply from webfcr [at] faa.gov>

Date: Thursday, January 5, 2023 at 6:27 PM

To: "Kedrowski, John M [US] (AS)" <John.Kedrowski [at] ngc.com>Cc: "Lorena.Carvajal [at] faa.gov" <Lorena.Carvajal [at] faa.gov>

Subject: EXT :FAA Concurrence of Record TRK 230029, Project: NFEJK12/17/2022(1)

Dear john.kedrowski [at] ngc.com,

The FAA Spectrum Engineering Services has completed the review of your Frequency Coordination Request.

TRK 230029 is assigned an FAA Coordination number NG T230028 that indicates FAA's coordination that may or may not include operational limits/conditions as part of the requirement for FAA concurrence. The FAA Spectrum Engineering Services has provided the following comments:

COMMENTS: NONE

Please note that this concurrence does not constitute authority to transmit. Your authority to transmit must be obtained from the FCC.

Please provide this concurrence notice to the FCC as part of your frequency application, to demonstrate completion of the FAA coordination process. The FAA Coordination number is only valid until 7/4/2023; if you need an extension, please submit an inquiry via WebFCR.

The attached file contains a Card 3 format with all technical and operational parameters; operations are required to be contained within these parameters for the FAA's concurrence to remain valid. If any of these parameters change, the license to transmit shall be re-coordinated with the FAA and updated with the FCC. A document that explains each field of the Card 3 format in plain text is attached.

The following Revision Table outlines key parameters of this coordination:

Attribute	Record Parameter
Serial Number	NG T230028
Frequency	M313.2500
City	MOSS POINT
State	MS
Transmitter Radius	5 NM
Transmitter Latitude	302930.00N
Transmitter Longitude	0883140.00W
Antenna Height	40 Feet
Receiver Latitude	302930.00N
Receiver Longitude	0883140.00W
Equipment Type	C,RIE AN/ARC-210
Antenna Type	DISCONE
Flight Level	25000 Feet

Best regards,

Exhibit 2 Northrop Grumman Systems Corporation FCC File No. 0050-EX-ST-2023 Page 8 of 12

## NTIA Card 3

\$\$ADD NG T230028

TYP01 N

DAT01 230105

CLA01 U

FRQ01 M313.2500

EXD01 230731

STC01 XT

EMS01 25K00F1D

PWR01 W.02300

XSC01 MS

XAL01 MOSS POINT

XLA01 302930N

XLG01 0883140W

XAD01 02GDISCONE 0012T

XAZ01 ND

RSC01 MS

**RAL01 MOSS POINT** 

RLA01 302930N

RLG01 0883140W

BUR01 FCC

BIN01

REM01 \*RAD,0009,0005NM,B

REM02 \*EQT,C,RIE AN/ARC-210

REM03 \*EQR,C,RIE AN/ARC-210

REM04 \*AGN,FLL=000,FLT=250

REM05 \*NTS,M018,FAA ,230105,LCARVAJ,NG T230028

SUP01 PURPOSE OF THE REQUEST:ESTABLISH COMMAND AND CONTROL FREQUENCIES FOR CIV

SUP02 IL MQ8C FIRESCOUT OPERATION;;;

From: "donotreply from webfcr [at] faa.gov" <donotreply from webfcr [at] faa.gov>

Date: Thursday, January 5, 2023 at 6:28 PM

To: "Kedrowski, John M [US] (AS)" <John.Kedrowski [at] ngc.com>Cc: "Lorena.Carvajal [at] faa.gov" <Lorena.Carvajal [at] faa.gov>

Subject: EXT :FAA Concurrence of Record TRK 230030, Project: NFEJK12/17/2022(1)

Dear john.kedrowski [at] ngc.com,

The FAA Spectrum Engineering Services has completed the review of your Frequency Coordination Request.

TRK 230030 is assigned an FAA Coordination number NG T230029 that indicates FAA's coordination that may or may not include operational limits/conditions as part of the requirement for FAA concurrence. The FAA Spectrum Engineering Services has provided the following comments:

### COMMENTS: NONE

Please note that this concurrence does not constitute authority to transmit. Your authority to transmit must be obtained from the FCC.

Please provide this concurrence notice to the FCC as part of your frequency application, to demonstrate completion of the FAA coordination process. The FAA Coordination number is only valid until 7/4/2023; if you need an extension, please submit an inquiry via WebFCR.

The attached file contains a Card 3 format with all technical and operational parameters; operations are required to be contained within these parameters for the FAA's concurrence to remain valid. If any of these parameters change, the license to transmit shall be re-coordinated with the FAA and updated with the FCC. A document that explains each field of the Card 3 format in plain text is attached.

The following Revision Table outlines key parameters of this coordination:

Attribute	Record Parameter
Serial Number	NG T230029
Frequency	M344.6750
City	MOSS POINT
State	MS
Transmitter Radius	5 NM
Transmitter Latitude	302930.00N
Transmitter Longitude	0883140.00W
Antenna Height	40 Feet
Receiver Latitude	302930.00N
Receiver Longitude	0883140.00W
Equipment Type	C,RIE AN/ARC-210
Antenna Type	DISCONE
Flight Level	25000 Feet

Best regards,

Exhibit 2 Northrop Grumman Systems Corporation FCC File No. 0050-EX-ST-2023 Page 10 of 12

# NTIA Card 3

\$\$ADD NG T230029

TYP01 N

DAT01 230105

CLA01 U

FRQ01 M344.6750

EXD01 230731

STC01 XT

EMS01 25K00F1D

PWR01 W.02300

XSC01 MS

XAL01 MOSS POINT

XLA01 302930N

XLG01 0883140W

XAD01 02GDISCONE 0012T

XAZ01 ND

RSC01 MS

**RAL01 MOSS POINT** 

RLA01 302930N

RLG01 0883140W

RAD01 02GDISCONE 0012T

RAZ01 ND

BUR01 FCC

BIN01

REM01 \*RAD,0009,0005NM,B

REM02 \*EQT,C,RIE AN/ARC-210

REM03 \*EQR,C,RIE AN/ARC-210

REM04 \*AGN,FLL=000,FLT=250

REM05 \*NTS,M018,FAA ,230105,LCARVAJ,NG T230029

From: "donotreply\_from\_webfcr [at] faa.gov" <donotreply\_from\_webfcr [at] faa.gov>

Date: Thursday, January 5, 2023 at 6:29 PM

To: "Kedrowski, John M [US] (AS)" <John.Kedrowski [at] ngc.com>Cc: "Lorena.Carvajal [at] faa.gov" <Lorena.Carvajal [at] faa.gov>

Subject: EXT :FAA Concurrence of Record TRK 230031, Project: NFEJK12/17/2022(1)

Dear john.kedrowski [at] ngc.com,

The FAA Spectrum Engineering Services has completed the review of your Frequency Coordination Request.

TRK 230031 is assigned an FAA Coordination number NG T230030 that indicates FAA's coordination that may or may not include operational limits/conditions as part of the requirement for FAA concurrence. The FAA Spectrum Engineering Services has provided the following comments:

#### COMMENTS: NONE

Please note that this concurrence does not constitute authority to transmit. Your authority to transmit must be obtained from the FCC.

Please provide this concurrence notice to the FCC as part of your frequency application, to demonstrate completion of the FAA coordination process. The FAA Coordination number is only valid until 7/4/2023; if you need an extension, please submit an inquiry via WebFCR.

The attached file contains a Card 3 format with all technical and operational parameters; operations are required to be contained within these parameters for the FAA's concurrence to remain valid. If any of these parameters change, the license to transmit shall be re-coordinated with the FAA and updated with the FCC. A document that explains each field of the Card 3 format in plain text is attached.

The following Revision Table outlines key parameters of this coordination:

Attribute	Record Parameter
Serial Number	NG T230030
Frequency	M344.6750
City	MOSS POINT
State	MS
Transmitter Radius	5 NM
Transmitter Latitude	302930.00N
Transmitter Longitude	0883140.00W
Antenna Height	40 Feet
Receiver Latitude	302930.00N
Receiver Longitude	0883140.00W
Equipment Type	C,RIE AN/ARC-210
Antenna Type	DISCONE
Flight Level	25000 Feet

Best regards,

Exhibit 2 Northrop Grumman Systems Corporation FCC File No. 0050-EX-ST-2023 Page 12 of 12

# NTIA Card 3

\$\$ADD NG T230030

TYP01 N

DAT01 230105

CLA01 U

FRQ01 M344.6750

EXD01 230731

STC01 XT

EMS01 25K00F1D

PWR01 W.02300

XSC01 MS

XAL01 MOSS POINT

XLA01 302930N

XLG01 0883140W

XAD01 02GDISCONE 0012T

XAZ01 ND

RSC01 MS

**RAL01 MOSS POINT** 

RLA01 302930N

RLG01 0883140W

BUR01 FCC

BIN01

REM01 \*RAD,0009,0005NM,B

REM02 \*EQT,C,RIE AN/ARC-210

REM03 \*EQR,C,RIE AN/ARC-210

REM04 \*AGN,FLL=000,FLT=250

REM05 \*NTS,M018,FAA ,230105,LCARVAJ,NG T230030