Douglas Young

From: Douglas Young
Sent: Friday, September 15, 2017 4:02 PM
To: John Kennedy; David Duarte
Cc: OET-SCB; ELB-Coordination-Info
Subject: STA Coordination, Space Exploration Technologies Corp. (SpaceX), File #1349-EX-ST-2017
Attachments: 1349-EX-ST-2017.RTF

Tracking:

Recipient	Read
John Kennedy	
David Duarte	
OET-SCB	
ELB-Coordination-Info	Read: 9/15/2017 4:02 PM

Attached is a coordination for the subject experimental STA. The requested start date is **10/04/2017**. This request is for an experimental first-stage recovery operation for Falcon 9 launch of SpaceX Mission 1390 between **10/04/2017** and **04/04/2018**.

Please CC ELB-Coordination-Info@fcc.gov with all responses.

Doug

FCC FREQUENCY COORDINATION NOTICE

Experimental Licensing Branch
Office of Engineering and Technology

The following application is attached for your review:

Applicant: Space Exploration Technologies Corp. (SpaceX)
File Number: 1349-EX-ST-2017

Start Date: 10/4/2017 **End Date:** 4/4/2018

Why STA Is Necessary:
This STA uses information from previous application 0884-EX-ST-2017. This STA covers the experimental radar usage during first-stage final descent, following a Falcon 9 launch from Vandenberg Air Force Base. This request is limited to the brief radar usage prior landing. Launch vehicle flight communications for this mission are covered by a separate STA.

Purpose of Operation:
Experimental first-stage recovery operation for SpaceX Mission 1339. Transmitting stations located offshore.

Contact: Christopher Wilkins
Phone: 2026492729
Email: cwilkins@spacex.com
Nature of Service: EXPERIMENTAL
Class of Station: XT MO
Call Sign: NEW

Station Location
MOBILE: Launch vehicle stage 1 landing site, within 10 km, centered around NL 32-29-07; WL 120-03-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4225 MHz	MO	40M0F3N	1mW (ERP)	0.00050000