

Applicant: Intelsat License LLC.
File No.: SES-STA-20181108-03206
Call Sign: KL92



File # SES - STA 20181108 - 03206

Call Sign KL92 Grant Date 11/27/2018
(or other identifier)

Term Dates
From 11/27/2018 To: 12/26/2018

Approved: *Paul E. Hays*

Intelsat License LLC. (Intelsat) is granted special temporary authority for 30 days, beginning Novemembr 27, 2018 to operate it fixed earth station in Castle Rock, CO to provide TT&C services for the Intelsat 5 (S2704) satellite at 137°W.L. orbital location on the following center frequencies: 14498 MHz and 13999 MHz (Earth-to space); and 11451 MHz, 11452 MHz and 11454 MHz (space-to-Earth) under the following conditions:

1. In the event of any harmful interference as a result of operations under this grant of STA, Intelsat shall cease operations immediately upon notification of such interference and shall immediately inform the Commission, in writing, of such an event.
2. All operations shall be on an unprotected, non-interference basis to both government and non-government operations.
- 3 Any action taken or expense incurred as a result of operations pursuant to this STA is solely at Intelsat's own risk.
4. Grant of this authorization is without prejudice to any determination that the Commission may make regarding any pending or future Intelsat applications.
5. Operations during the period 11/9/2018 to grant of this authorization were authorized pursuant to 47 CFR §1.62.

This action is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. §0.261, and is effective immediately.



File # SES-STA-20181008-03206
Call Sign KL92 Grant Date 11/27/2018
(or other identifier)
Term Dates
From 11/27/2018 To: 12/26/2018
Approved: Paul E. Boes

KL92 SES-STA-20181108-03206 IB2018010175
Intelsat License LLC

November 6, 2018

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554

Re: Request for Further Extension of Special Temporary Authority
Castle Rock, Colorado Earth Station KL92

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests an additional 30 days of Special Temporary Authority ("STA")¹ previously granted Intelsat to use its Castle Rock, Colorado Ku-band earth station—call sign KL92—to continue providing telemetry, tracking, and command ("TT&C") services² for Intelsat 5 (Call Sign S2704) on-station at 137.0° W.L.³

TT&C operations will continue to be performed in the following frequencies: 14498 MHz (H) and 13999 MHz (RHCP) in the uplink; and 11451 MHz (H, V, and RHCP), 11452 MHz (H, V, and RHCP), and 11454 MHz (RHCP, and LHCP) in the downlink. On-station at 137.0° W.L., Intelsat will continue operate in conformance with FCC rules and any relevant coordination agreements.

In further support of this further extension request, Intelsat incorporates by reference Exhibits A and B submitted with its original STA request,⁴ which contain technical information that demonstrates that the operation of the earth station will be compatible with its electromagnetic environment and will not cause harmful interference into any lawfully operating terrestrial facility, or into Federal systems operating in the 13.75-14.00 GHz band. In the extremely unlikely event that harmful interference

¹ Intelsat has filed its STA request, an FCC Form 159, a \$210.00 filing fee, and this supporting letter electronically via the International Bureau's Filing System ("IBFS").

² See, e.g. *Satellite Communications Services Information; Actions Taken*, Report No. SES-02104, File No. SES-STA-20181004-02913 (Oct. 10, 2018) (Public Notice).

³ The original STA provided authority for the drift and on-station operations. Intelsat 5 arrived at 137.0° W.L. on May 30, 2018. Intelsat is also utilizing the following antennas on station for Intelsat 5: E060384, E140121, and KA258.

⁴ The license for KL92 covers multiple antennas. This STA further extension request seeks authority for two of those antennas: K01 and K16. A technical exhibit is included in the original STA request for each antenna.

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should occur due to transmissions to or from its earth station, Intelsat will take all reasonable steps to eliminate the interference.

Grant of this STA further extension request will allow Intelsat to continue safely station-keep Intelsat 5 at its new location. This, in turn, will help meet a new service demand at the 137.0° W.L. orbital location and thereby promotes the public interest.

Please direct any questions regarding this STA further extension request to the undersigned at (703) 559-6949.

Respectfully submitted,

/s/ Cynthia J. Grady

Cynthia J. Grady
Senior Counsel
Intelsat US LLC

cc: Paul Blais