

March 10, 2026

Federal Communications Commission

Space Bureau / Earth Station Licensing Division

45 L Street NE

Washington, DC 20554

RE: Request for Extension of Special Temporary Authority

Current STA: **SES-STA-20250825-00594** | Call Sign: **E240058**

Location: Prudhoe Bay, Alaska

Coordinates: 70° 12' 24.3" N, 148° 25' 51.5" W

Dear Sir or Madam:

Parsons Corporation respectfully requests an extension of Special Temporary Authority (STA) SES-STA-20250825-00594, which is scheduled to expire on June 19, 2026. This STA authorizes Earth-to-space transmissions from our earth station located in Prudhoe Bay, Alaska, in support of mission-critical communications with the DARPA BlackJack ACES satellites (ACES 1–4).

Given that operations remain necessary and the related long-term licensing is still under review, we request that this STA be extended for an additional 180 days, or until regular authorization is granted—whichever occurs first.

Current STA Parameters

File Number	SES-STA-20250825-00594
Call Sign	E240058
Location	Prudhoe Bay, Alaska
Coordinates	70° 12' 24.3" N, 148° 25' 51.5" W
Satellite	BlackJack ACES 1–4 (DARPA)
Frequency	2085.5 MHz (center), Earth-to-space
Emission Bandwidths	20 kHz and 200 kHz
Current Grant Period	December 22, 2025 to June 19, 2026
Requested Extension	180 days from grant date

Operating Conditions

All conditions from the current grant remain unchanged and will continue to be observed:

1. Transmissions at 2085.5 MHz will cease during ISS passes (horizon-to-horizon, NORAD ID 25544).
2. Coordination with the local SBE frequency coordinator for transmissions in the 2025–2110 MHz band.
3. All operations on an unprotected, non-interference basis (NIB) per 47 CFR § 25.120.

4. Immediate cessation of operations upon notification of harmful interference.
5. 24/7 point of contact: Joseph Miller, +1 (619) 788-4967.

There have been no changes to the equipment, antennas, frequencies, or operating procedures since the current authorization was granted. These operations continue to be vital to national security objectives under the DARPA BlackJack program.

Enclosure: Prior STA Grant (SES-STA-20250825-00594), granted December 22, 2025

Respectfully submitted,

Joe Miller
Strategic Space & Ground Communications Lead
Parsons Corporation
Joseph.Miller@Parsons.us | +1 619.788.4967

March 10, 2026

Federal Communications Commission

Space Bureau / Earth Station Licensing Division

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Washington, DC 20554

RE: Request for Extension of Special Temporary Authority

Current STA: **SES-STA-20250825-00596** | Call Sign: **E230134**

Location: Albuquerque, New Mexico

Coordinates: 35° 8' 19.0" N, 106° 35' 40.0" W

Dear Sir or Madam:

Parsons Corporation respectfully requests an extension of Special Temporary Authority (STA) SES-STA-20250825-00596, which is scheduled to expire on June 19, 2026. This STA authorizes Earth-to-space transmissions from our earth station located in Albuquerque, New Mexico, in support of mission-critical communications with the DARPA BlackJack ACES satellites (ACES 1–4).

Given that operations remain necessary and the related long-term licensing is still under review, we request that this STA be extended for an additional 180 days, or until regular authorization is granted—whichever occurs first.

Current STA Parameters

File Number	SES-STA-20250825-00596
Call Sign	E230134
Location	Albuquerque, New Mexico
Coordinates	35° 8' 19.0" N, 106° 35' 40.0" W
Satellite	BlackJack ACES 1–4 (DARPA)
Frequency	2085.5 MHz (center), Earth-to-space
Emission Bandwidths	20 kHz and 200 kHz
Current Grant Period	December 22, 2025 to June 19, 2026
Requested Extension	180 days from grant date

Operating Conditions

All conditions from the current grant remain unchanged and will continue to be observed:

1. Transmissions at 2085.5 MHz will cease during ISS passes (horizon-to-horizon, NORAD ID 25544).
2. Coordination with the local SBE frequency coordinator for transmissions in the 2025–2110 MHz band.
3. All operations on an unprotected, non-interference basis (NIB) per 47 CFR § 25.120.

4. Immediate cessation of operations upon notification of harmful interference.
5. 24/7 point of contact: Joseph Miller, +1 (619) 788-4967.

There have been no changes to the equipment, antennas, frequencies, or operating procedures since the current authorization was granted. These operations continue to be vital to national security objectives under the DARPA BlackJack program.

Enclosure: Prior STA Grant (SES-STA-20250825-00596), granted December 22, 2025

Respectfully submitted,

Joe Miller
Strategic Space & Ground Communications Lead
Parsons Corporation
Joseph.Miller@Parsons.us | +1 619.788.4967

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01/13/2025

***** U N C L A S S I F I E D *****
SPECIAL HANDLING

Radio Frequency Authorization (RFA)

This license is granted pursuant to Chapter 1 Part 1.1 Section 6.i of the NTIA Manual by authority of the Department

of Defense Air Force Spectrum Management Office (AFSMO).

This License expires on: January 15, 2026. For continued use of this equipment, YOU MUST SUBMIT a request to your

Frequency Manager 90 days prior to January 15, 2026.

Frequency (110)	Bandwidth (114)	Emission (114)	Power (115)
TX Equipment (340)			
2264.8 MHz	200.00 kHz	G1D	3 Watt(s)
U,BCTSDR-S1	2.00 MHz	G1D	3 Watt(s)

Transmit Antenna Location (301,300)	Transmit Coordinates (303)
TX Radius (306)	
NONGEOSTATIONARY, SPCE	

Receive Antenna Location (401,400)	Receive Coordinates (403)
RX Radius (406)	
ALBUQUERQUE, NM	350819N1063540W
LONG BEACH, CA	334927N1180847W
NORTH POLE, AK	644815N1473000W
PENDERGRASS, GA	341028N0834018W
SOUTH POINT, HI	190050N1553947W
PRUDHOE BAY, AK	701224N1482551W
CORDOBA, ARG	313122S0642739W
TIERRA DEL FUEGO, CHL	543032S0670658W

Command Application Number (702)	Serial Number (102)
National Authority (103 or 710)	

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J2015742

Restrictions (500, 501, 520)
S621 - THIS APPLICATION SUPPORTS A DOD SPACE PROJECT.

P032 - NONINTERFERENCE BASIS

M015,IRAC 46134/1,SPS-27093/1 - THE SYSTEM USING THIS ASSIGNMENT WAS REVIEWED BY THE SPS IN ACCORDANCE WITH CHAPTER 10
AND THE ASSIGNMENT IS BEING MADE SUBJECT TO CONDITIONS STATED IN THE IRAC AND

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SPS DOCUMENTS REFERENCED IN THE
CIRCUIT REMARKS FIELD(*NTS).

M015,SPS-26044/1,CONTOURS - THE SYSTEM USING THIS ASSIGNMENT WAS REVIEWED BY THE
SPS IN ACCORDANCE WITH CHAPTER 10 AND
THE ASSIGNMENT IS BEING MADE SUBJECT TO CONDITIONS STATED IN THE IRAC AND SPS
DOCUMENTS REFERENCED IN THE CIRCUIT
REMARKS FIELD(*NTS).

Supplementary Details - THE BLACKJACK CONSTELLATION OF FOUR SATELLITES WILL
PERFORM A RISK REDUCTION DEMO OF A

PROLIFERATED LOW EARTH ORBIT LEO MISSION ARCHITECTURE FOR CONDUCTING MILITARY
MISSIONS FROM A NETWORKED CONSTELLATION

OF SATELLITES. NDD PRECOORDINATION WAS COMPLETED ON 24 APRIL 2023, UNDER NDD AT
2022OCT19, AND OPERATIONS UNDER THIS RFA

SHALL TAKE INTO ACCOUNT ALL CONSTRAINTS LISTED IN THE APPROVAL FORM FOR
2022OCT/19.

SPECIAL HANDLING

***** U N C L A S S I F I E D *****

01/13/2025

***** U N C L A S S I F I E D *****
SPECIAL HANDLING

SPECIAL HANDLING INSTRUCTIONS

Not Releasable outside the US Government IAW Section 552(b)(1) of Title 5 of the
US Code.

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SPECIAL HANDLING

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01/13/2025

***** U N C L A S S I F I E D *****
SPECIAL HANDLING

Radio Frequency Authorization (RFA)

This license is granted pursuant to Chapter 1 Part 1.1 Section 6.i of the NTIA Manual by authority of the Department of Defense Air Force Spectrum Management Office (AFSMO).

This License expires on: January 15, 2026. For continued use of this equipment, YOU MUST SUBMIT a request to your Frequency Manager 90 days prior to January 15, 2026.

Frequency (110)	Bandwidth (114)	Emission (114)	Power (115)
TX Equipment (340)			
8260 MHz	20.00 MHz	G1D	3 Watt(s)
U,BCTSDR-X2			

Transmit Antenna Location (301,300)	Transmit Coordinates (303)
TX Radius (306)	
NONGEOSTATIONARY, SPCE	

Receive Antenna Location (401,400)	Receive Coordinates (403)
RX Radius (406)	
ALBUQUERQUE, NM	350819N1063540W
LONG BEACH, CA	334927N1180847W
NORTH POLE, AK	644815N1473000W
PENDERGRASS, GA	341028N0834018W
SOUTH POINT, HI	190050N1553947W
PRUDHOE BAY, AK	701224N1482551W
CORDOBA, ARG	313122S0642739W
TIERRA DEL FUEGO, CHL	543032S0670658W

Command Application Number (702)	Serial Number (102)
National Authority (103 or 710)	
J2016386	AF 249162

Restrictions (500, 501, 520)
S621 - THIS APPLICATION SUPPORTS A DOD SPACE PROJECT.

P032 - NONINTERFERENCE BASIS

M015,IRAC 46134/1,SPS-27093/1 - THE SYSTEM USING THIS ASSIGNMENT WAS REVIEWED BY THE SPS IN ACCORDANCE WITH CHAPTER 10

AND THE ASSIGNMENT IS BEING MADE SUBJECT TO CONDITIONS STATED IN THE IRAC AND SPS DOCUMENTS REFERENCED IN THE

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CIRCUIT REMARKS FIELD(*NTS).

M015,SPS-26044/1,CONTOURS - THE SYSTEM USING THIS ASSIGNMENT WAS REVIEWED BY THE SPS IN ACCORDANCE WITH CHAPTER 10 AND

THE ASSIGNMENT IS BEING MADE SUBJECT TO CONDITIONS STATED IN THE IRAC AND SPS DOCUMENTS REFERENCED IN THE CIRCUIT REMARKS FIELD(*NTS).

Supplementary Details - BLACKJACK CONSTELLATION OF FOUR SATELLITES WILL PERFORM A RISK REDUCTION DEMO OF A

PROLIFERATED LOW EARTH ORBIT LEO MISSION ARCHITECTURE FOR CONDUCTING MILITARY MISSIONS FROM A NETWORKED CONSTELLATION

OF SATELLITES. NDD PRECOORDINATION WAS COMPLETED ON 24 APRIL 2023,UNDER NDD AI 2022OCT19, AND OPERATIONS UNDER THIS RFA

SHALL TAKE INTO ACCOUNT ALL CONSTRAINTS LISTED IN THE APPROVAL FORM FOR 2022OCT/19. OPERATIONS OF THIS SYSTEM USING THE

DOWNLINK FREQUENCY CENTERED AT 8260 MHZ ARE TO BE CONDUCTED ON AN UNPROTECTED, NON-INTERFERENCE BASIS DUE TO

NONCONFORMANCE WITH THE NATIONAL TABLE OF FREQUENCY ALLOCATIONS. THIS SYSTEM SHALL NOT PRECLUDE OPERATION OF NEW OR

EXISTING EARTH EXPLORATION-SATELLITE SERVICE (EESS) SYSTEMS WITHIN THE 8025-8400 MHZ FREQUENCY BAND.

SPECIAL HANDLING

***** U N C L A S S I F I E D *****

01/13/2025

***** U N C L A S S I F I E D *****

SPECIAL HANDLING

SPECIAL HANDLING INSTRUCTIONS

Not Releasable outside the US Government IAW Section 552(b)(1) of Title 5 of the US Code.

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SPECIAL HANDLING

***** U N C L A S S I F I E D *****