INSIGHTS OUTREACH

NAVIGATING DHS S&T OPPORTUNITIES

Program Exploration

Finding Your Way Through LRBAA

April 6, 2021

Homeland Security

Science and Technology

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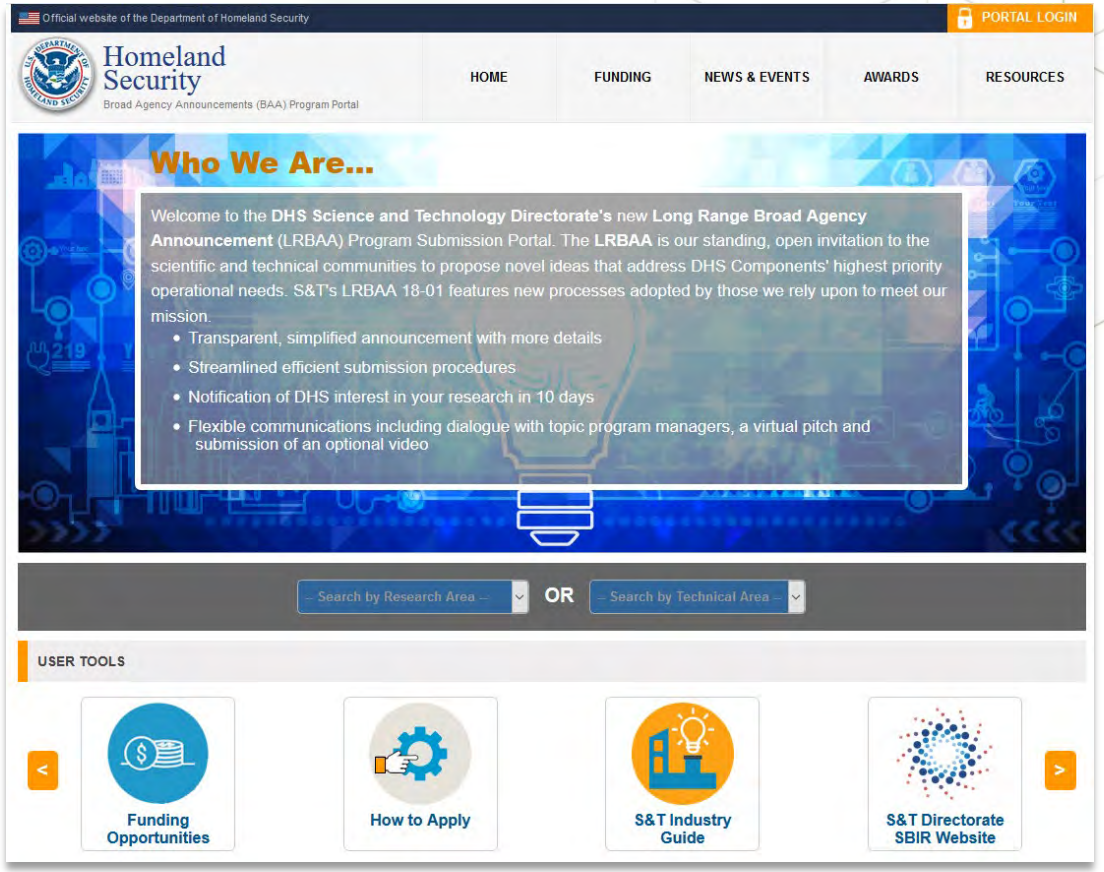
LRBAA Program Manager
DHS Science & Technology Directorate

Long Range Broad Agency Announcement 18-01

The **LRBAA** is S&T's standing, open invitation to the scientific and technical communities to propose novel ideas that address DHS components' highest priority operational needs.

- Solicitations are open for a five-year period
- Submissions are accepted to the advertised topics at any time during the five-year period
- Topics are updated quarterly and support DHS mission areas

Visit the BAA portal:
https://baa2.st.dhs.gov/portal/BAA/



LRBAA Details

Types of Efforts

- Basic and Applied Research (Type 1) –funded for one to three years
- Unique Prototypes (Type 2) –funded up to two years, including base & option
- Mature technology improvements & assessments (Type 3) –funded for less than one year

Details

- Applicants can be domestic or international organizations of any size to include industry, academia and universities, national laboratories, and recognized R&D organizations
- Topics are updated annually

For more information or to apply: https://baa2.st.dhs.gov/portal/BAA

LRBAA Process

Industry Engagement (10-Day Process)

- Submit to any open topic
  - 3-page abstract describing the technology or research
  - Quad chart
  - Optional short video

Virtual Pitch (35-Day Process)

- Offeror has 14 days to submit
  - 12-slide PowerPoint presentation
  - Updated Quad Chart (optional)
  - 45-minute Virtual Pitch meeting

Written Proposal (66-Day Process)

- Offeror has 45 days to submit
  - Technical Proposal
  - Cost Proposal

S&T Research Priority Need Areas

Managing Incidents

Securing Aviation

Preventing Terrorism

Securing Borders

Protecting from Terrorist Attacks

Securing Cyberspace

Explore LRBAA's 23 refreshed topic areas!

DHS S&T Program Areas

- Air, Land, and Ports of Entry Security
- Baggage/Cargo/People Screening
- Biometrics & Identity Management
- Chem/Bio Detection
- Community & Infrastructure Resilience
- Counter UAS (C-UAS)
- Countering Violent Extremism
- Detection Canine
- Explosives Threat Assessment
- First Responder Capability
- Forensics & Criminal Investigations
- Immigration Services
- Information Analytics
- Maritime Safety & Security
- Natural Disaster Resiliency
- Opioid/Fentanyl Detection
- Physical Security
- Probabilistic Assessment of National Hazards Threats and Risks (PANTHR)

Program areas are subject to change based on DHS priorities

DHS S&T Technology Centers Division Overview

Enduring Sciences Branch
- Hazard Awareness & Characterization
- Social Science

Current, Emerging, Future Threat Expertise
chemical, biological, explosives, behavioral science

Innovative Systems Branch
- Interoperability & Compatibility
- Sensors & Platforms
- Biometrics & Identity

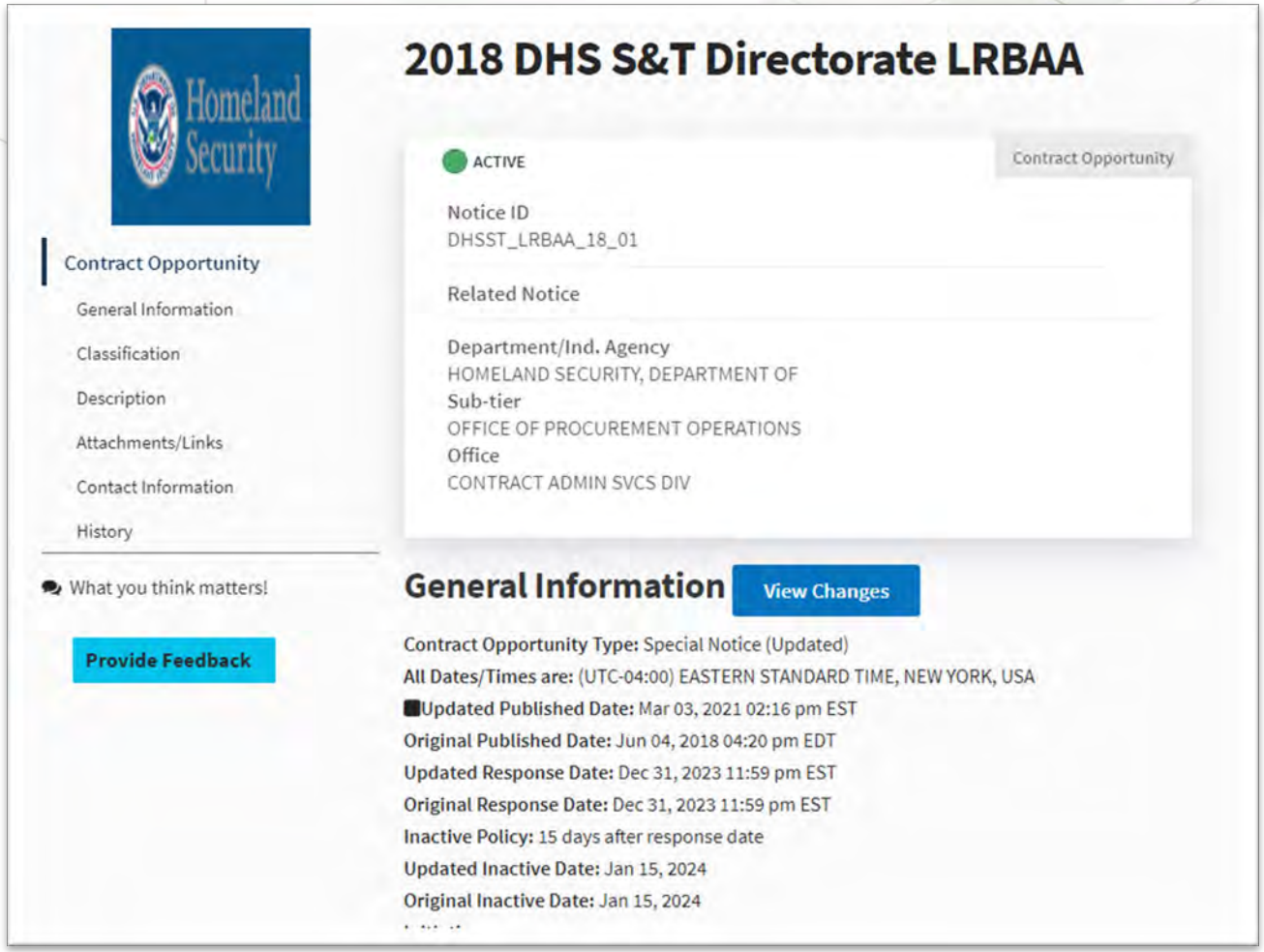
Novel Engineering & Technology Expertise
intelligent sensors; autonomous systems; resilient communications; advanced networks; position, navigation and timing (PNT); enhanced identity technologies

Advanced Computing Branch
- Data Analytics
- Quantum Information Science
- Artificial Intelligence/Machine Learning
- Modeling & Simulation
- Cyber

Leading Edge Computing Expertise
data sciences, artificial intelligence, modeling & simulation, cybersecurity

Providing research and technical expertise to inform policy, strategy, operations, and acquisition to meet the homeland security challenges of today and tomorrow

LRBAA | DHS S&T LRBAA Solicitation



2018 DHS S&T Directorate LRBAA

Contract Opportunity
- General Information
- Classification
- Description
- Attachments/Links
- Contact Information
- History

What you think matters!

Provide Feedback

ACTIVE

Contract Opportunity

Notice ID
DHSST_LRBAA_18_01

Related Notice

Department/Ind. Agency
HOMELAND SECURITY, DEPARTMENT OF
Sub-tier
OFFICE OF PROCUREMENT OPERATIONS
Office
CONTRACT ADMIN SVCS DIV

General Information

View Changes

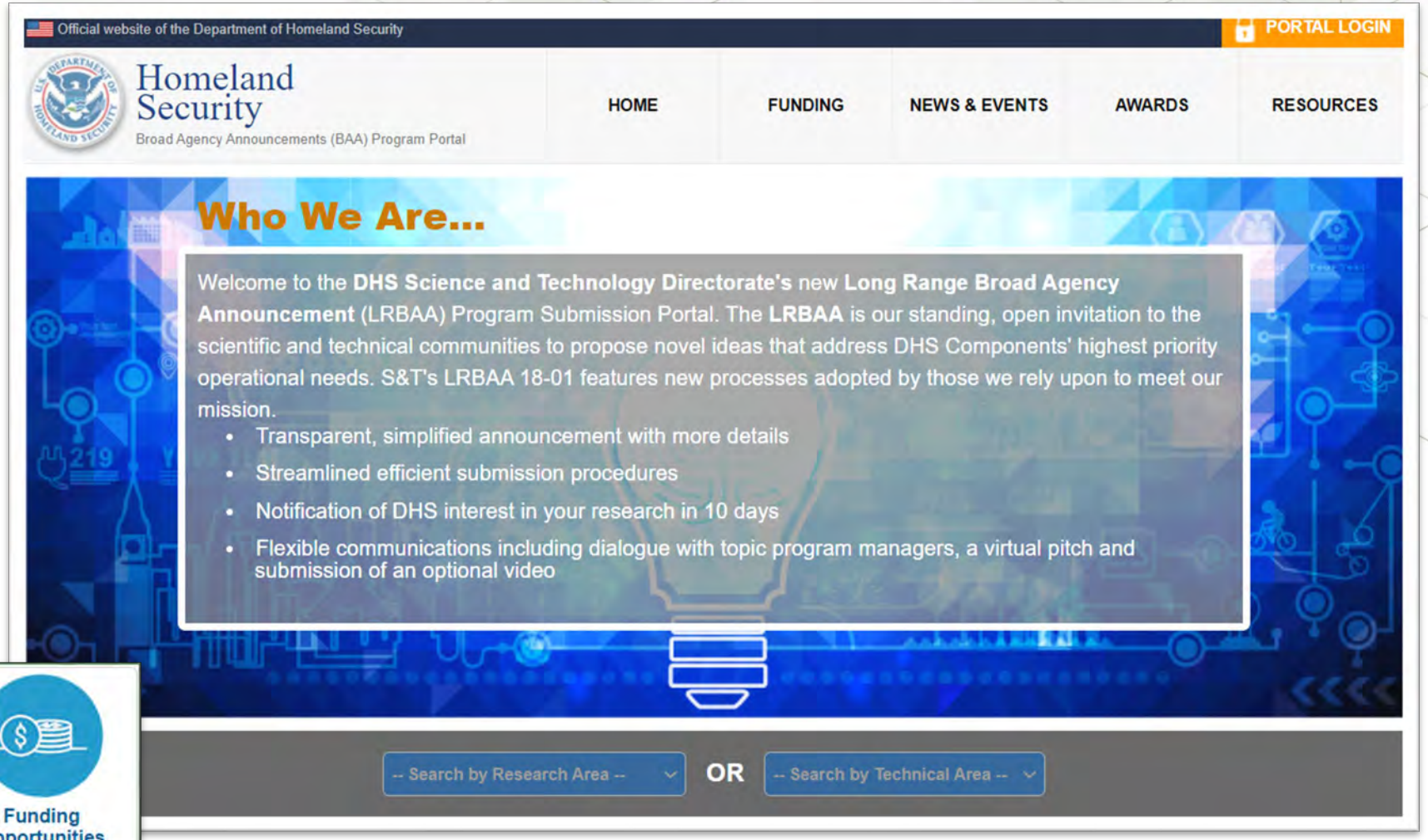
Contract Opportunity Type: Special Notice (Updated)
All Dates/Times are: (UTC-04:00) EASTERN STANDARD TIME, NEW YORK, USA
Updated Published Date: Mar 03, 2021 02:16 pm EST
Original Published Date: Jun 04, 2018 04:20 pm EDT
Updated Response Date: Dec 31, 2023 11:59 pm EST
Original Response Date: Dec 31, 2023 11:59 pm EST
Inactive Policy: 15 days after response date
Updated Inactive Date: Jan 15, 2024
Original Inactive Date: Jan 15, 2024

beta.SAM.gov

DHS S&T LRBAA Solicitation:

https://beta.sam.gov/opp/8e142dbe5e2149db99b49504db0a64bb/view

LRBAA | BAA Portal



DHS S&T BAA Portal | https://baa2.st.dhs.gov/portal/BAA/

LRBAA Open Funding Opportunities

Official website of the Department of Homeland Security

PORTAL LOGIN

Homeland Security
Broad Agency Announcements (BAA) Program Portal

HOME | FUNDING | NEWS & EVENTS | AWARDS | RESOURCES

FUNDING OPPORTUNITIES

Topic Area Focus | Research Area Focus

RESEARCH TOPICS:

RESEARCH AREA

- Securing Aviation
- Protecting from Terrorist Attacks
- Securing Borders
- Securing Cyberspace
- Preventing Terrorism

PRIORITY R&D NEED

- High-Throughput Cargo Screening
- Cost-effective Electronic

LRBAA TOPIC SEARCH RESULTS

Show 5 topics

Research Area: Securing Aviation (SEC AVN)
Priority R&D Need: Cost-effective Electronic Imaging for Bulk Air Cargo
Topic Number: SEC AVN 02-04
Topic Title: X-Ray Screener Tools
Solicitation: (DHSST-LRBAA 18-01 : Long Range Broa (LRBAA) 18-01)
Topic Description:
The detection efficacy of X-Ray is highly dependent on for X-Ray operators is needed.
This tool will need to support evaluation of screener perf degradation in performance over time (e.g., complacenc occurs, and identify areas for screener development. De generate large numbers of images of homogenous and capability to insert differ ... more
Topic Research Type: Type II
Cargo | Explosives | Screening | Securing Aviatio | Test & Evaluation | Training
Topic Details/Information (Click here to expand)

Securing Aviation

Research Area: Securing Aviation (SEC AVN)
Priority R&D Need: Cost-effective Electronic Imaging for Bulk Air Cargo
Topic Number: SEC AVN 02-05
Topic Title: Screening of Dense material in Air Cargo Skids
Solicitation: (DHSST-LRBAA 18-01 : Long Range Broad Agency Announcement (LRBAA) 18-01)
Topic Description:
Air cargo screening is challenging because of the diversity in the commerce transported and the complexity of the supply chain. Some air cargo is transported on both dedicated cargo aircraft, but a significant amount is also transported on passenger aircraft. Cargo diversity presents screening challenges because systems must be capable of screening a variety of items from organic material such as flowers, fresh or frozen meats, to metal parts or metal drums of liquids ... more
Topic Research Type: Type II
Cargo | Contraband | Explosives | Terrorism Prevention | Screening | Securing Aviation | Security | High Density Cargo
Topic Details/Information (Click here to expand)

Securing Aviation

Solicitation Dates
Open Date: 06/04/2018
06/03/2023 11:59 PM EDT
Close Date: 06/03/2023 11:59 PM EDT
See Notice on FedBizOpps
Submit Industry Engagement Materials

DHS BAA Funding Opportunities
http://bit.ly/DHSST-BAA-FundingOpportunites

LRBAA | Portal Login & Dashboard

Official website of the Department of Homeland Security

PORTAL LOGIN

Homeland Security
Broad Agency Announcements (BAA) Program Portal

HOME FUNDING NEWS & EVENTS AWARDS RESOURCES

PORTAL LOGIN

Haven't Registered? Register Now

DHS ST Security Agreement

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You must agree to the security agreement to continue to the login page

☐ I agree to the terms

Login

Username: Check Security Agreement

Password:

Sign In

Forgot Your Password? Not Registered?

Official website of the Department of Homeland Security | Session Timeout will occur in 19 min 25 sec | Logged in as: Steven Pinkos

Homeland Security
Broad Agency Announcements (BAA)

HOME FUNDING NEWS & EVENTS AWARDS RESOURCES

MY DASHBOARD

My Industry Engagements

In Progress | Submitted | Past Du

Show 5 entries

Proposal Number

Showing 0 to 0 of 0 entries

My Virtual Pitches

My Proposals

My Contracts

Add New Industry Engagement

Solicitation: DHSST-LRBAA 18-01 **Note:** Only open solicitations are available to initiate a proposal.

Registration Deadline : 12/10/21 11:59 PM EST

Topic: -- Please Select --

- -- Please Select --
- MGMT 01-02
- MGMT 02-05
- MGMT 02-08
- MGMT 08-03
- PREV 01-02
- PREV 04-02
- PREV 04-03
- PROT 02-01
- PROT 03-02
- SEC AVN 02-04
- SEC AVN 02-05
- SEC AVN 04-08
- SEC AVN 05-02
- SEC BORD 01-01

gagement | New Industry Engagement

Search:

Due In (Days)

First Previous Next Last

Worksheet

Safety Act

FAQs

Mailing List

First Name

BAA Technical Support
(222) 111-1111

LRBAA | *LRBAA Today* Webinar Series

Our Work | Work with S&T | S&T News | About S&T

> Science and Technology > Work with S&T > Innovation Funding Programs > Long Range Broad Agency Announcement > LRBAA Today Webinar Series

Long Range Broad Agency Announcement

LRBAA Today Webinar Series

LRBAA Today Webinar Series

Innovation is the driving force behind the work of the Department of Homeland Security (DHS) Science and Technology Directorate (S&T) and engaging with industry is essential to delivering the best technology solutions to DHS's end-users and operators. S&T's Long Range Broad Agency Announcement (LRBAA) is a standing, open invitation to the scientific and technical communities to submit proposals for open topics that address priority homeland security needs.

The ***LRBAA Today*** webinar series is an opportunity for the innovation community to learn more about the Department's research challenge areas, specific to LRBAA topics, and understand how to use the LRBAA program to work with S&T. Watch the videos below and hear about the work currently being pursued under the topic area and gain context for the solutions being sought.

LRBAA Today Webinars

- **Public Safety Threat Prevention** | July 23 - WATCH THE VIDEO!
  Due to the growing number of threats to our nation, DHS S&T supports the evolving threat landscape of a dynamic world with changing motivations, actors, communication models, and weaponry. This webinar focused on S&T's Threat Prevention research efforts, specifically in the areas of terrorism and targeted violence, human trafficking and child exploitation, countering foreign influence and disinformation, and community resilience.

DHS S&T LRBAA Webinar Series webpage | www.dhs.gov/science-and-technology/lrbaa-today-webinar-series

DHS S&T LRBAA Resources

DHS S&T LRBAA Website
www.dhs.gov/science-and-technology/st-lrbaa

LRBAA Today Webinars
www.dhs.gov/science-and-technology/lrbaa-today-webinar-series

DHS S&T BAA Portal
https://baa2.st.dhs.gov/portal/BAA/

DHS S&T LRBAA Solicitation
https://beta.sam.gov/opp/8e142dbe5e2149db99b49504db0a64bb/view

Connect with Us

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DHS S&T Industry Partnerships

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www.dhs.gov/science-and-technology/office-public-private-partnerships

Next Month on Insights Outreach!

INSIGHTS OUTREACH

NAVIGATING DHS S&T OPPORTUNITIES

An Industry Partnerships Webinar Series

Navigation Workshop

Partnering With DHS Using CRADAs

Tuesday, May 4, 2021 | 2–3 p.m. EDT

Homeland Security
Science and Technology

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scitech.dhs.gov

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