



# IRALSS





# TRACSS ACCOMPLISHMENTS

## FY24 (thru May)

### DEVELOPMENT

Hosting agreement for primary ops center (Boulder) → Cloud provisioning for pathfinders → Milestone 2 Review Board → Dep Sec Authority to Proceed → Beta users kickoff  
 RFI → **PRESENTATION LAYER/USER INTERFACE** → Received/evaluated 29 demos  
 Completed Agile training → Contract award (Parsons, \$15.5M) → **SYSTEM INTEGRATOR** → Onboarding

### INDUSTRY PARTNERSHIP

CRADA with SpaceX → **CONSOLIDATED PATHFINDER (5 COMPANIES, \$15.5M)** → 1st set of orders → 2nd set of orders → Extension  
 Standards & formats → **STAKEHOLDER LISTENING SESSIONS** → DoD-DOC ops transition → CDMs → OCMs

### DOD COLLABORATION

Machine-to-machine data transfer working group → DoD-DOC operations transition working group → Annex A (data transfer requirements) to DoD-DOC MOA

### POLICY & PERSONNEL

Legislative proposal to authorize DOC to provide SSA → OSC rep embedded at USSF Space Delta 2 (Vandenberg) → Established Independent Review Board → Released vision for global SSA coordination → Increased staffing to 12 (7 feds, 5 contractors)

## FY23

RFI on scope of basic SSA services → Defined architecture → Cloud utility contract award (AWS, \$1.2M) → RFI for system integrator → Commerce IT Review Board approval as a major IT system  
 MEO/CEO pilot contract awards → SSA CEO roundtable → Satellite owner/operator workshop → SSA provider workshop → MIT Lincoln Labs project to purchase & evaluate commercial SSA data → Public video on TracSS development plan  
 DoD-DOC MOA implementation → Data exchange working group → State management working group → Personnel exchange agreement  
 Onboarded chief engineer → Increased staffing to 3 (2 feds, 1 contractor)

Traffic Coordination System for Space, NOAA Office of Space Commerce, May 2024



## DEVELOPMENT

### FY23

- RFI on scope of basic SSA services
- Defined architecture
- Cloud utility contract award (AWS, \$1.2M)
- RFI for system integrator
- Commerce IT Review Board approval as a major IT system

### FY24 (THRU MAY)

- Hosting agreement for primary ops center (Boulder)
- Completed Agile training
- Cloud provisioning for pathfinders
- Milestone 2 Review Board & Dep Sec Authority to Proceed
- System integrator contract award (\$15.5M) & onboarding
- Presentation layer RFI & vendor demos
- Beta users kickoff

## INDUSTRY PARTNERSHIP

### FY23

- MEO/GEO pilot contract awards
- SSA CEO roundtable
- Satellite owner/operator workshop
- SSA provider workshop
- MIT Lincoln Labs project to purchase & evaluate commercial SSA data
- Public video on TraCSS development plan

### FY24 (THRU MAY)

- CRADA with SpaceX
- Stakeholder listening sessions
  - Standards & formats
  - DoD-DOC ops transition
  - Conjunction data messages
  - Orbit comprehensive messages
- Consolidated Pathfinder (5 companies, \$15.5M)
  - 3 sets of orders
  - Extended thru June 30



## DOD COLLABORATION

### FY23

- DoD-DOC MOA implementation
- Data exchange working group
- State management working group
- Personnel exchange agreement

### FY24 (THRU MAY)

- Machine-to-machine data transfer working group
- DoD-DOC ops transition working group
- Annex A (data transfer requirements) to DoD-DOC MOA

## POLICY & PERSONNEL

### FY23

- Onboarded chief engineer
- Increased staffing to 3
  - 2 feds, 1 contractor

### FY24 (THRU MAY)

- OSC rep embedded at USSF Space Delta 2 (Vandenberg)
- Established Independent Review Board
- Released vision for global SSA coordination
- Increased staffing to 12
  - 7 feds, 5 contractors

# 2024 Priorities for TraCSS

- Recruit and collaborate with beta users for TraCSS Phase 1.0 initial capability.
- Continue and expand strategic communications.
- Build up technical and operations staff.
- Manage development of TraCSS operational digital infrastructure.
- Initiate dual operations period with DoD.
- Solidify research and development plan.
- Award user interface infrastructure procurement.
- Execute additional SSA pathfinder projects with industry.
- Begin initial procurements of sustained commercial SSA services for TraCSS operational service.
- Expand international partnerships and collaboration to execute on a “Vision for Global SSA Coordination.”
- Standup Phase 1.0 initial capability with a beta set of users.
- Plan for Phase 2 capabilities.