



Commercial and Foreign Entities (CFE) Support Pilot Program 7 September 04

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HQ AFSPC/XOCS**



Phase 1 through 3 Commercial and Foreign Entities (CFE) Support Pilot Program



90 Day Overlap before NASA OIG Website Termination

- Existing NASA OIG website customers registered

NASA/GSFC OIG Website Terminates Upon CSO Website Phase 2 Operations Declaration

**Cheyenne Mountain Operations Center
Space Control Center /
Alternate Space Control Center**

Provides the CFE Support Office (CSO), Spacetrack and NASA OIG Websites:

- Unclassified Two Line Element Sets (TLEs)
- Satellite Catalog (SATCAT)
- Recurring Reports (decays, special event messages, etc.)
- Provides **FOR FEE** advanced services such as conjunction assessment, satellite end of life, anomaly resolution, emergency service



CFE Support Office (CSO) Space Track Web Site (For Free)

Phase 1: Limited subset of NASA OIG website (Blue Font)

Phase 2: Full functionality of NASA OIG web site (Blue and Brown Font)

Provides the following:

- Catalog query common name
- Catalog query for catalog number
- Catalog query for international designator
- Downloadable files
- 60 day decay forecast report
- Satellite Catalog Action Report
- Catalog change history query
- Catalog query for decay date
- Decay prediction report
- Decay prediction text query
- Geosynchronous catalog query
- Satellite situation report
- Special interest group report
- Web site update status (What's New)
- Satellite situation report (zipped)

**NASA/GSFC
Orbital Information Group (OIG)
Web Site**

Provides the following: (**For Free**)

- Catalog query common name
- Catalog query for catalog number
- Catalog query for international designator
- Downloadable files
- 60 day decay forecast report
- Satellite Catalog Action Report
- Catalog change history query
- Catalog query for decay date
- Decay prediction report
- Decay prediction test query
- Geosynchronous catalog query
- NASA orbital element query
- Satellite situation report
- Special events/Shuttle missions
- Special interest group report
- Web site update status
- Satellite situation report (zipped)

**CFE Support Office (CSO) Space Track Web Site
Phase 3: CFE Advanced Operations (For Fee)**

Launch Support. Launch screening or early orbit determination.

Conjunction Assessment. Determines the likelihood of a conjunction between orbiting objects to include maneuver screening.

End of Life/Reentry Support. Planned de-orbit operations.

Emergency Service. Support where significant mission degradation or failure either requester's asset or US Government assets, endangerment of human life or degradation of US national security.
Note. This is a free service.



Phase 1 CFE Support Pilot Program



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NASA/GSFC OIG Website Terminates Upon CSO Website Phase 2 Operations Declaration

- NASA/GSFC Orbital Information Group (OIG) Web Site**
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 - Satellite situation report (zipped)

90 Day Overlap before NASA OIG Website Termination

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Phase 2 CFE Support Pilot Program



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NASA OIG Website Terminated
• Existing NASA OIG website customers registered

**CFE Support Office (CSO)
Space Track Web Site (For Free)**

**Phase 2: Full functionality
of NASA OIG web site**

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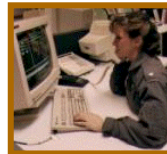
Phase 3 CFE Support Pilot Program



**Cheyenne Mountain Operations Center
Space Control Center /
Alternate Space Control Center**

Provides the CFE Support Office (CSO), Spacetrack and NASA OIG Websites:

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- Satellite Catalog (SATCAT)
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CFE Support Office (CSO) Space Track Web Site

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- Special interest group report
- Web site update status
- Satellite situation report (zipped)