GOES DCS Customer Service Updates

Letecia Reeves, GOES DCS Customer Services Manager
May 10, 2022 Virtual TWG
Channel Assignment Policy

- Assignments should only be requested for definite deployments within 6 months (units should already be purchased).
- IDs that remain unused for 1 year will be reclaimed.
- IDs that are inactive for 3 years are being reclaimed.
- Before using an ID that has been unused or inactive for more than 1 year, consult the DADDS to ensure that it is still on an active channel. (parked = ID no longer available; contact Letecia for reassignment)
How to Determine Status of Your DCP IDs

Filter on specific ID, group code, or channel and look for the status column.

A: System received data transmissions w/in 2 days.
D: No data transmission received in at least 2 days.
U: No data transmissions ever received from ID assigned to specific channel and timeslot.
## GOES DCS Transmitters Status

<table>
<thead>
<tr>
<th>DCP Status</th>
<th>100 Baud</th>
<th>300 Baud</th>
<th>1200 Baud</th>
<th>Totals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Active DCPs</td>
<td>0</td>
<td>30,747</td>
<td>542</td>
<td>31,289</td>
</tr>
<tr>
<td>Inactive DCPs</td>
<td>0</td>
<td>7,484</td>
<td>543</td>
<td>8,027</td>
</tr>
<tr>
<td>Unused DCPs</td>
<td>0</td>
<td>1,277</td>
<td>82</td>
<td>1,359</td>
</tr>
<tr>
<td>Totals</td>
<td>0</td>
<td>39,508</td>
<td>1,167</td>
<td>40,675</td>
</tr>
</tbody>
</table>

Note: Stats do not include the parked channel (-1).
Certification Standard 2 (CS2) Transition Status

- Continued progress on transition: 780 more CS2 platforms transmitting since last report in December 2021.
- CS1 transmitters should no longer be deployed.

<table>
<thead>
<tr>
<th>CS2 Transmitters</th>
<th>300 Baud</th>
<th>1200 Baud</th>
<th>Totals</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>20,899</td>
<td>228</td>
<td>21,127</td>
</tr>
</tbody>
</table>

CS2 Transition Deadline: May 31, 2026
On November 1, 2021 the Field Test was moved behind a DADDS login.

Refer to the ‘Help Document’ within the Field Test link before creating scripts, and implement best practices to avoid causing system failures.

Field Test accounts will be deactivated if misused.
DCS Field Test

**GOES DCS FIELD TEST**

- **PLATFORM**: [DCP ID]
- **START DATE**: 06/06/2022
- **END DATE**: 08/06/2022
- **USERNAME**: ltecia.reeves@ncoa.gov
- **PASSWORD**: ********

**SUBMIT**

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**Notice to Users**

As of November 1st, 2021 use of the DCS Field Test requires an active DCS website account. Users who do not have an account must register for continued access to this page. Accounts for users who are not affiliated with an active DCS Group will be restricted to field test use only. To request a field test account simply double click anywhere within the notice area and complete the DCS account registration form.

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**Automation Notice**

A recent update of the DCS website included changes to the DCS Field Test to restrict its usage to users with a DCS website account. Access to the field test now requires login credentials be submitted along with query parameters, and will authenticate a user before executing a field test query. Because of this, requests from automated systems began to fail, and continued to do so until the necessary changes were made to the automated scripts. While some systems handled the failures in an acceptable manner, others responded by increasing the frequency of the field test query requests which lead to denial of service conditions and website outages. When failed requests are handled correctly, automated systems can continue request attempts and not cause denial of service driven outages. The field test and automation help document contains examples, potential pitfalls and best practices to help users create robust automated systems.
PDT Week

- Two successful PDT Weeks in 2021.

- Very important to have the metadata within the DADDS updated with accurate information. Beneficial to NOAA, Users, and Manufacturers.
  - Developing a visualization tool that will display where your DCP is located on a map.
  - Receive DCP firmware updates when necessary

- 2022 PDT Weeks: June 27-July 1, 2022 & December 5-9, 2022
  - Users can contact us to ask questions or request assistance with creating and uploading a batch file.
  - We will also be contacting Users
GOES DCS Training Day 2022

- Scheduling a full day of training on Saturday, August 6, 2022 to be held in conjunction with the Collective Madison Meeting, in Madison WI August 8-12, 2022.
- Email topics to Letecia.Reeves@noaa.gov
Reminders

- Forgotten Password/Password Resets: Default answer to both security questions is your last name+4 digit PIN (Parker4411). No spaces.

- Can’t remember your PIN? Contact the 24/7 Wallops Help Desk @ 757-824-7450
Guides and Tutorials Available on DADDS

Next TWG/STIWG Will Take Certification Standard 2 Trans:
GOES DCS
Submit an Ap.

DADDS System Information
- Frequently Asked Question (PDF) - 2012
- Web Interface User's Guide (PDF) - 2011
- DAPS Parameters & SHIL Codes (PDF) - 2005

DCS Channel Information
- GOES C1 Channel Frequencies (PDF) - Mar 2008
- GOES C2 Channel Frequencies (PDF) - Jun 2009

Certification Information
- GOES DCS Certified Manufacturers List (PDF) - Sep 2009
- GOES DCS Pilot System Diagram (PDF) - Apr 2010

Program Information
- GOES DCS Program Information - N/A
- GOES DCS TWG Meeting Minutes - Mar 2020
- GOES DCS System Use Agreement (PDF) - N/A
- GOES DCS Policies and Procedures (PDF) - Mar 1998

System Diagrams
- NOAA DCS System Diagram (PDF) - Mar 2010
- GOES DCS Pilot System Diagram (PDF) - Apr 2018
- GOES HRIT (PDF) - Mar 2020

LRGS Information
- LRGS Client User's Guide (PDF) - Feb 2018
- LRGS Client Software Download - Feb 2018
- DCP Data Service (DDS) Protocol Specification - Feb 2016

DAMIS-NT Information
- DAMIS-NT Interface Specification V3.2 - April 2020
- DAMIS-NT East Sample Data - April 2020
- DAMIS-NT West Sample Data - April 2020

Website Help Information
- Online SRA Submission & DADDS Access - Mar 2020
- DAMIS Website Training Presentation - Mar 2018
DCS Test Channels

GOES East 300 bps - CS1 & CS2 = Channel 195 (401.99200 MHz)

GOES West 300 bps - CS1 & CS2 = Channel 196 (401.99350 MHz)

GOES East and West 1200 bps - CS1 = Channel 99A/197 (401.99500 MHz)

GOES East and West 1200 bps - CS2 = Channel 198 (401.99650 MHz)

Please note: CHANNEL 151 should NO longer be used
Thank you for your attention!

Contact the Customer Service team @

Letecia.Reeves@noaa.gov
Valerie.Randall@noaa.gov

Wallops 24/7 at 757-824-7450