

A satellite is shown in the foreground on the left, with its solar panels and various instruments visible. The Earth is in the background on the right, showing continents and clouds. The text "GOES DCS Customer Service Updates" is overlaid in the center.

GOES DCS Customer Service Updates

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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

ADDRESS	GROUP	LOCATION	FTYPE	PCHAN	STYPE	SCHAN	RATE	CNTRY	STATE	FIRST	PERIOD	WINDOW	COMPL	STATUS	LAST ACTIVE	UPDATED
ACA1EA74	AGRCAN	ASSGN20201207	S	189	R	123	300	CA	CACN	00:02:00	01:00:00	00:00:10	N	U	—	12/07/2020
ACA1F902	AGRCAN	ASSGN20201207	S	189	R	123	300	CA	CACN	00:02:10	01:00:00	00:00:10	N	U	—	12/07/2020
ACA20E88	AGRCAN	ASSGN20201207	S	189	R	123	300	CA	CACN	00:02:20	01:00:00	00:00:10	N	U	—	12/07/2020
ACA210FE	AGRCAN	ASSGN20201207	S	189	R	123	300	CA	CACN	00:02:30	01:00:00	00:00:10	N	U	—	12/07/2020
ACA225B6	AGRCAN	ASSGN20201207	S	189	R	123	300	CA	CACN	00:02:40	01:00:00	00:00:10	N	U	—	12/07/2020
7D03157A	MANTOB	05TF786 NOTIGI MET STATION	S	189	U	0	300	CA	CAMB	00:03:00	01:00:00	00:00:15	Y	A	04/06/2021	01/07/2021
7D02316C	MANTOB	REASSIGN20200714	S	189	U	0	300	CA	CAMB	00:03:15	01:00:00	00:00:15	N	D	10/15/2016	07/14/2020
7D02548A	MANTOB	REASSIGN20200714	S	189	U	0	300	CA	CAMB	00:03:30	01:00:00	00:00:15	N	D	09/25/2018	07/14/2020
7D09923C	MANTOB	REASSIGN20200714	S	189	U	0	300	CA	CAMB	00:03:45	01:00:00	00:00:15	Y	D	06/08/2020	07/14/2020
7D02029E	MANTOB	REASSIGN20200714	S	189	U	0	300	CA	CAMB	00:04:00	01:00:00	00:00:15	N	D	09/07/2018	07/14/2020
7D02E704	MANTOB	REASSIGN20200714	S	189	U	0	300	CA	CAMB	00:04:15	01:00:00	00:00:15	N	D	10/08/2019	07/14/2020
DA567F10	USDANR	DEPLOY 2021	S	189	R	125	300	US	USUT	00:05:00	01:00:00	00:00:10	N	U	—	03/09/2021
DA5A709E	USDANR	DEPLOY 2021	S	189	R	125	300	US	USMT	00:05:10	01:00:00	00:00:10	N	D	07/15/2020	03/09/2021
DA5A7E9C	USDANR	POWDER RIVER PASS	S	189	R	125	300	US	USMT	00:05:20	01:00:00	00:00:10	N	A	04/06/2021	03/09/2021

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

DCP Status	100 Baud	300 Baud	1200 Baud	Totals
Active DCPs	0	30,747	542	31,289
Inactive DCPs	0	7,484	543	8,027
Unused DCPs	0	1,277	82	1,359
Totals	0	39,508	1,167	40,675

Note: Stats do not include the parked channel (-1).

Certification Standard 2 (CS2) Transition Status

	300 Baud	1200 Baud	Totals
CS2 Transmitters	20,899	228	21,127

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

CS2 Transition Deadline: May 31, 2026

DCS Field Test

- 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.



DADDS DCS2
User Login

Email

Password

SIGN IN

- Need a Login? Click [here](#).
- Forgotten Password? Click [here](#).
- **DCS Field Test? Click [here](#).**
- Need Help? Click [here](#).
- 24/7 Technical Support: (757) 824-7450
-  [DCS Operational Notices RSS Feed](#)

DCS Field Test

GOES DCS FIELD TEST

PLATFORM

[DCP ID]

START DATE

05/06/2022

END DATE

05/06/2022

1 HOUR

USERNAME

leticia.reeves@noaa.gov

PASSWORD

SUBMIT



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.



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

NOAA GOES DATA
OFFICE OF SATELLITE APPLICATIONS

DCS Administration and Data Distribution System (DADDS)

NOAA's System for Managing and Providing Access to Data from GOES DCS

System Information

Program Information

DADDS File Downloads

Wallopa Webservers

MSOP Webservers

LRGS Status

LRGS Deadlines

Related Links

GOES DCS

Submit an Application

Notice to Users

**Next TWG/STIWG Will Take
Certification Standard 2 Transition**

DCS Administration and Data Distribution System (DADDS)

NOAA's System for Managing and Providing Access to Data from GOES DCS

DADDS System Information

- [Frequently Asked Question \(PDF\)](#) • 2012
- [Web Interface User's Guide \(PDF\)](#) • 2011
- [DAPS Parameters & SHEL Codes \(PDF\)](#) • 2005

Certification Information

- [GOES DCS Certified Manufacturers List \(PDF\)](#) • Sep 2020
- [GOES DCS Certification Standard V2.0/C/S2 \(PDF\)](#) • Jun 2009
- [GOES DCS Certification Standard V1.0/B/C/S1 \(PDF\)](#) • Mar 2000
- [GOES DCS Certification Standard 100BPS -RETIRED- \(PDF\)](#) • Feb 2000
- [International User Guide & Certification Standard \(PDF\)](#) • Oct 2009
- [NOAA Policy on Use of Certified Transmitters \(PDF\)](#) • May 2011

System Diagrams

- [NOAA DCS System Diagram \(PDF\)](#) • Mar 2020
- [GOES DCS Pilot System Diagram \(PDF\)](#) • Apr 2018
- [GOES HRIT \(PDF\)](#) • Mar 2020

HRIT Information

- [HRIT Format Update Specifications \(PDF\)](#) • Dec 2018
- [HRIT Format Update Sample Files - #1 - #2 - #3](#) • Dec 2018
- [HRIT Quarterly Meeting Slides 2018 \(PDF\)](#) • Apr • Sept • Dec •

General Information

- [GOES 13/14 Frequency Offset Analysis \(PDF\)](#) • Aug 2009
- [Final DCS Filter Study Report, Rev. C \(PDF\)](#) • Jan 2006
- [GOES High Data Rate Transition Plan](#) • Mar 2004
- [GOES-13 DCPI and DCPR Technical Updates](#) • 2006
- [GOES DCS System Characterization Report \(PDF\)](#) • Jun 1998
- [GOES DCS Operations Plan \(FCM P28 1987\) \(PDF\)](#) • Aug 1987

DCS Channel Information

- [GOES CS1 Channel Frequencies \(PDF\)](#) • Mar 2000
- [GOES CS2 Channel Frequencies \(PDF\)](#) • Jun 2009
- [International DCS Channel Definition \(PDF\)](#) • Oct 2009
- [GOES DCS Pilot System \(PDF\)](#) • Jun 2013

Program Information

- [GOES DCS Program Information](#) • N/A
- [GOES DCS TWG Meeting Minutes](#) • May 2020
- [GOES DCS System Use Agreement \(PDF\)](#) • N/A
- [GOES DCS Policies and Procedures \(PDF\)](#) • May 1998
- [NOAA Technical Memo NESDIS 40 \(PDF\)](#) • Mar 1984

LRGS Information

- [LRGS Client User's Guide \(PDF\)](#) • Feb 2018
- [LRGS Client Software Download](#) • Feb 2018
- [DCP Data Service \(DDS\) Protocol Specification](#) • Feb 2016

DAMS-NT Information

- [DAMS-NT Interface Specification V8.2](#) • April 2020
- [DAMS-NT East Sample Data](#) • April 2020
- [DAMS-NT West Sample Data](#) • April 2020

Website Help Information

- [Online SUA Submission & DADDS Access](#) • Mar 2018
- [DADDS Website Training Presentation](#) • Mar 2018
- [How To: Updating PDT Records](#) • Mar 2018
- [How To: Create & Use Filters](#) • Mar 2018
- [How To: Pin Code Password Reset](#) • 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 @

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Valerie.Randall@noaa.gov

Wallops 24/7 at 757-824-7450