



SCS Scientific Computing System
NOAA Office Of Marine and Aviation Operations

Release Notes for SCS 5.1.7

Release Date: JULY 16, 2024

**Office of Marine and Aviation Operations
Software Engineering Division
SCS Team**

Downloading SCS Documents and Application:
<https://scsshore.noaa.gov/Home/Downloads>

Resolved Issues, Improvements and New Features

Database - MySQL

- ✓ MySQL database engine upgraded from 8.0.32 to 8.0.37.
- ✓ MySQL Workbench upgraded from 8.0.32 to 8.0.36.

Physical Devices

- ✓ New – Added a new physical device type “Catch Monitoring System”. The new type can be applied to Simrad TV-80. (10835)

Displays & Templates

- ✓ Improvement – Kendo development tool updated to
- ✓ Fixed – Box plot lines (min, max, border, etc.) were not properly colored. (11278)
- ✓ Fixed - Geometric Point reference data field not work for Quick View RTD. (11266)
- ✓ Fixed - Numeric Gauge - The minimum and maximum didn't work. (10739)
- ✓ Fixed – The parsing error caused by the minimum value restriction. (11694)
- ✓ Fixed – Quick View – Select data fields didn't show up. (11716)

Menu

- ✓ Fixed – 'Post Time Series Charts' and the 'Name Mapping' menu items missing from layout page. (10872)

SCS Events

- ✓ Improvement – SignalR connection error Newtonsoft.Json.JsonSerializationException: Unable to find a constructor to use for type System.Spatial.CoordinateSystem. (11218)
- ✓ Fixed - The drop-down list on the Event template ignored the width and height. (11312)
- ✓ Fixed – Some reference item in the output will cause errors. (11321)

Data Management

- ✓ New – Moved all primary settings from the Data Disseminator service's config file to the app_setting table in database. (11680, 11814)
- ✓ Fixed – Error processing child export (SCS.NetCdf.ExportManager :: System.Data.Entity.Core.EntityCommandExecutionException. (11264)
- ✓ Fixed - Data Cleanup Failed due to a pageable feature was added to the list. (11307)
- ✓ Fixed – NCEI submit date was wrong. (10861)
- ✓ Improvement - The invoke of SendOnCatRefDataSourceChanged on the DataHub after publishing is missing an argument and therefore the notification does not go out. (11500)

Data and QAQC

- ✓ Improvement – Minimized the logging. (11264)
- ✓ Fixed - Data spikes in the SAMOS's averaged values. (11009)