

WHEN YOU NEED TO BE SURE



# **CyFlex® Release Notes**

**Release Version 6.3.28**

**Developed by SGS North America, Inc.**

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## Overview

This release notes document identifies and describes the updates for CyFlex version 6.3.28. The following link contains Jira issues within this release: [cyflex.6.3.28 - Jira Issues](#)

Refer to *Installation Notes* below for install-related considerations.

## Installation Notes

- **CFBUG-2759** - There was a major issue released in the cyflex.6.3.27 version pertaining to the gp\_test and the use of @BACKGROUND\_TASK keyword. It is recommended that if cyflex.6.3.27 is installed, the cyflex.6.3.28 version should be replaced with the cyflex.6.3.27 version.

- [CFBUG-2775](#) – Removed obsolete function codes for di\_specs and do\_specs
  - The following di\_specs function codes were **removed**:

THR_LOC_SELECT	THR_REM_SELECT	PTD_FUEL_SYS	CELECT_FUEL_SYS	DYN_LOC_SELECT
DYN_REM_SELECT	CELL_SYS_OFF	CELL_SYS_ON	STARTER	SHOP_AIR_OVERRIDE
EMERGENCY_STOP	VIBRATION_DETECT	CELL_DOOR	LOW_COOLANT	FUEL_TANK_OVERFLOW
AVL_TIP	AVL_NO_PAPER	DYNO_COOLANT_FLOW	FLAME_DETECTOR	UPS
DYNO_LUBE	COUPLING_TEST			

If any of the above function codes are used, a -462 error message will be given.

**Example:**

**Error -462 in: di\_specs TID:13492 On Wed Dec 15 15:30:47 2021**

**File: /cyflex.6.3.exp/transfer/di\_logi/di\_specs.c Line: 827**

**chan-0 variable-<cell\_on>, <CELL\_SYS\_ON> is not a valid functional spec**

**line 437**

The function code should be replaced with a valid code or -. SGS should be contacted with questions.

- The following di\_specs function codes are valid to use:

INPUT_INTEGER	STARTER_DISABLE	FUEL_SCALE_TRIP
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- The following do\_specs function codes were **removed**:

FUEL_STEERING	THR_DYN_ENABLE	DYNO_STEERING	DYNO_FLOW_OVERRIDE
INT_REST_DIR	RTI860_EXT_TRIG_ENABLE	EXH_REST_DIR	BEEP
THROTTLE_STEERING	INT_REST	EXH_REST	DII_FR_REQUEST
ENGINE_STARTER	AVL_REQUEST		

If any of the above function codes are used, a -462 error message will be given.

**Example:**

**Error -462 in: do\_specs TID:13500 On Wed Dec 15 15:30:47 2021**

**File: /cyflex.6.3.exp/transfer/do\_logi/do\_specs.c Line: 799**

**<FUEL\_SYSTEM\_POWER> is not a valid functional spec line 90**

The function code should be replaced with a valid code or -. SGS should be contacted with questions

- The following do\_specs function codes are valid to use:

OUTPUT_INTEGER	IGNITION	WATCH_DOG	TEST_CELL_SYSTEMS	SHOP_AIR
DYNO_H2O_DISABLE	TC_FANS	DYNO_OIL_PUMP	PWM	

## Issue Type and Jira Issue Legends

Refer to the following legend for **Issue Type**:

Issue Type Key	Definition
<b>NF</b>	New feature
<b>B</b>	Bug
<b>I</b>	Improvement

**X** = denotes additional information about change within the **Related Jira Issue**.

## General Applications

Application, Script, or Library	Install Note Above	Issue Type	Bug Fix Name	Description
eblox_srvr		I	<a href="#">CFBUG-2824</a>	eblox_srvr works with the newest gantner firmware
units.dat		NF	<a href="#">CFBUG-2822</a>	New *.dat files from 01/10/2022
vrbl_to_file		B	<a href="#">CFBUG-2821</a>	Modification to WRITE to set cyflex variables correctly
update_user_specs		B	<a href="#">CFBUG-2820</a>	Fixed core dump when incorrect number of arguments are supplied
surge		I	<a href="#">CFBUG-2819</a>	Modification to send out a global reconfiguration message after variables were created within the program
gval		B	<a href="#">CFBUG-2818</a>	Modification to not return spaces when string array value is null
do_specs		I	<a href="#">CFBUG-2775</a>	Removed the OIL_CART and FUEL_SYSTEM_POWER function codes
gp_test		B	<a href="#">CFBUG-2759</a>	Due to prior changes in how gp_test handles reading procedure files, it is no longer feasible to support the AT_NT kill_option for launching BACKGROUND tasks

## QT Applications

Application, Script, or Library	Install Note Above	Issue Type	Bug Fix Name	Description
libQt5cyflexplugin.so.6.3.0		B	<a href="#">CFBUG-2823</a>	Modification of CmxSlider to update slider value with current variable value to eliminate a timing issue

## Transient Emission Applications

Application, Script, or Library	Install Note Above	Issue Type	Bug Fix Name	Description
All esvd12 applications		I	<a href="#">CFBUG-2825</a>	Modifications to all TRI utilities to recognize cycle labels
star2_7.b09 star2_7.12		NF	<a href="#">CFBUG-2817</a>	Modify *2 section to contain natural gas composition information if the fluid type contains a C. within the variable name in rev10 and rev12

## Release Notes for Previous cyflex.6.3 Versions

<a href="#">CyFlex 6.3.27</a>	<a href="#">CyFlex 6.3.26</a>	<a href="#">CyFlex 6.3.25</a>	<a href="#">CyFlex 6.3.24</a>
<a href="#">CyFlex 6.3.24</a>	<a href="#">CyFlex 6.3.23</a>	<a href="#">CyFlex 6.3.21</a>	<a href="#">CyFlex 6.3.19 - Initial Release</a>