

What firmware changes have taken place on the Maretron J2K100?

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Update your device using a Maretron gateway, [USB100](#) or [IPG100](#), paired with a Windows PC running [N2KAnalyzer](#).

2.4.2.1 (2024-05-08)

- Support SPN selection for 127493 Transmission oil pressure. (SPN 123 and SPN 127)

2.4.1.10 (2022-02-22) (Not Released)

- Sends ISO request for 65259 using Global ISO Request instead of using specific destination address. `ress`.

2.4.1.9 (2021-11-29) (Not Released)

- Correctly parsing PGN 64946 and 64976.

2.4.1.8 (2021-10-22) (Not Released)

- Change field #9 of 130850 from Engine Serial Number to all data payload of 65259.
- Transmit request for all data from J1939 side on unit reset

2.4.1.7 (2021-08-09) (Not Released)

- Change default J1939 node address to 0xF2.
- Add programmable field for storing the J1939 node address in EEPROM
(The address can be changed and stored to EEPROM with special test mode command)

2.4.1.6 (2021-06-18) (Not Released)

- Support Siren Marine Mode (with SM appended to the SW version when SM feature enabled)

2.3.1.4 (2019-02)

- Support CAN Frame Forwarding PGN (130841)
- Support Electronic Transmission Controller 1 PGN (61442) forwarding (4028)
- Support Heartbeat PGN (126993)
- Change NMEA Certification Level to 2

1.2.1.1 & 2.2.1.1 (2015-03)

- Corrected a problem with not sending a Check Engine engine warning indicator when receiving J1939 DM1 messages sent by CAI TMT7839 J1708/J1939 converter (3368)

1.2.0.3 & 2.2.03 (2015-01)

- Now translates DM1 fault messages from Canadian Instruments TMT7839 to equivalent NMEA 2000 engine and transmission warning flags
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2.1.1.1 (2013-8-29)

- Added the ability for the J2K100 to periodically request the 65266 Engine Hours parameter group from the monitored engine. This allows the display of Engine Hours on NMEA 2000 networks for engines which require the 65266 Engine Hours parameter group to be requested from the engine. This parameter is disabled by default, and may be enabled using a DSM150 or DSM250 display or the N2KAnalyzer software (using the DSM250 emulator).

1.0.13.2 (2011-10-25)

- Corrects an issue with controlling multiple Dometic Icemakers/AC's on an NMEA 2000 network.

1.0.11 (2010-11-18)

- Add programmable damping for Engine Speed.
- Add programmable damping for Fuel Rate.

1.0.10 (2010-08-17)

- Improvements to manufacturing.

1.0.9 (2010-03-18)

- Added support for use as a gateway for a Dometic (Marine Air Elite and CruiseAir Q-Logic) Air Conditioner or a Dometic (Eskimo) Ice maker.

1.0.7 (2009-03-04)

- Added support for labeling so that the device can easily be identified with a user-programmable string.
- Added ability to configure transmission periods for periodic PGN's

Online URL:

<https://www.maretron.com/wp-content/phpkbv96/article.php?id=419>