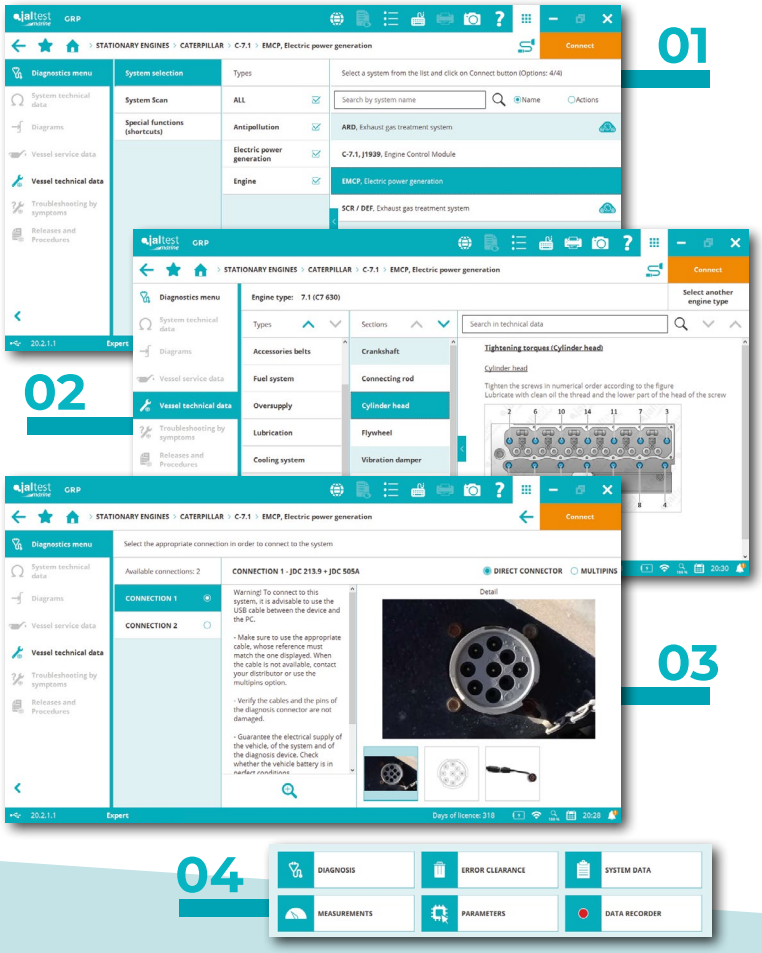
Jaltest Marine Coverage on Caterpillar: Genset System EMCP on a C7.1



Jaltest Marine goes further than any other Aftermarket Solution. A proof of that are the multiple advance functions that Jaltest Marine performs in many different systems, covering not just gasoline engines, but also diesel, DTS, stationary engines, gensets, etc. The All-Makes and All-Systems Diagnostics Solution provides a total coverage for those users that work with different makes and systems.

This case of study is about how Jaltest Marine works on Genset Systems. Something that is very interesting for those technicians that work with bigger vessels that use this type of equipment.

The following screenshots show how Jaltest Marine performs Dealer Lever Diagnostics on a Caterpillar C7.1 Genset.

In order to access to this Cat Genset, we would click on Stationary Engines, select Caterpillar, choose Caterpillar C7.1 (pic 1) and then EMCP (Electronic Power Generator). There, and before connecting, Jaltest Marine provides a lot of technical information through the menu that is on the left side. For example, wiring Diagrams; a lot of Technical Data, like the tightening torques for the cylinder head; (pic 2) or Troubleshooting. Moreover, Jaltest Marine helps you with the connection, showing you how to hook up, the cables needed and if there are more possible ways (pic 3).

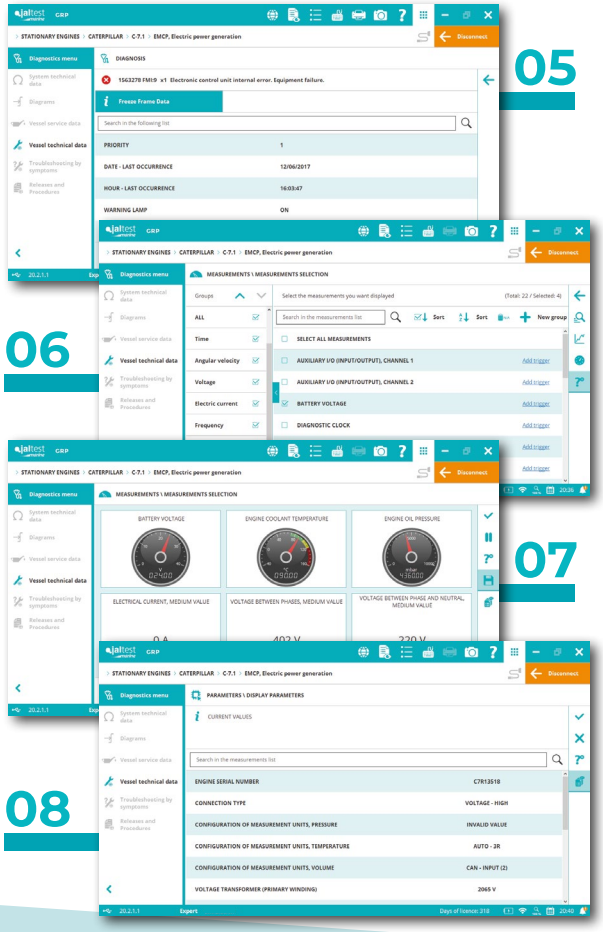
Once we have connected to the Central Computer of the engine, you will see the main Jaltest Marine Diagnostics Menu (pic 4). There, you will be able to perform a diagnosis with freeze frame data in this Genset (pic 5).

After checking the faults and clicking on Measurements, we will be able to display different measures in live (22 for this Genset) (pic 6). Jaltest Marine provides information about how the Genset is performing regarding different values: temperature, pressure, voltage, current, etc. in different ways (pic 7) that you can add to the Diagnostics Report to show your customers those anomalies.

Additionally, after working in different systems and performing different bidirectional tests, you can save the automatic report in Jaltest GRP, attaching it to a customer and a vessel. Those Diagnostics Reports will be available in GRP for future actions, so you can have a total control of your tasks and resources.

Finally, for this Caterpillar Genset, Jaltest Marine can show the parameters (pic 8) providing a lot of information about the configuration of the ECU.

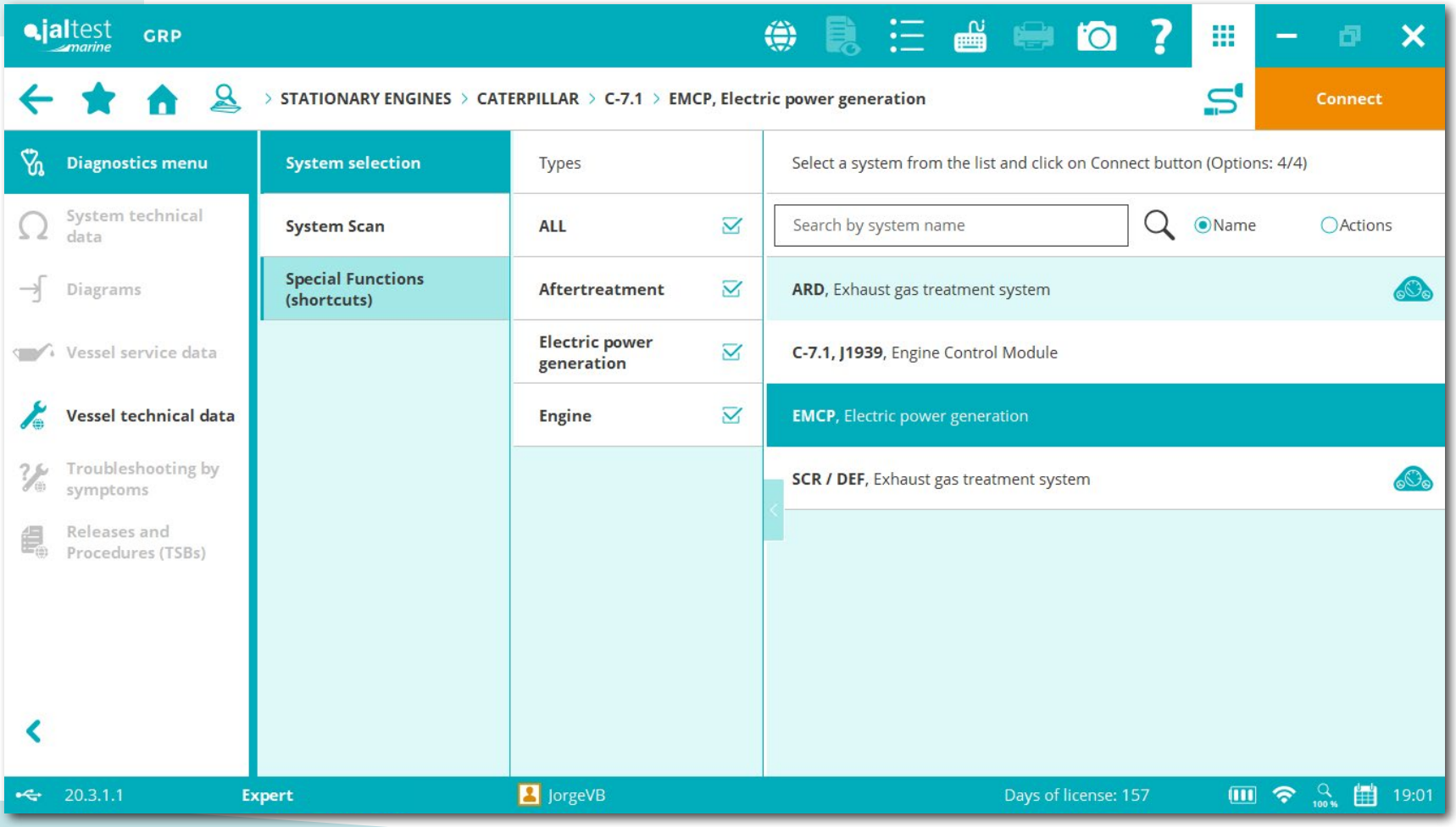
Being able to work in Genset Systems in the same platform and on the same way in which you work on engines and other systems is the best way to save money and time. Cover it yourself with Jaltest Marine!



For more information visit:
cojaliusa.com

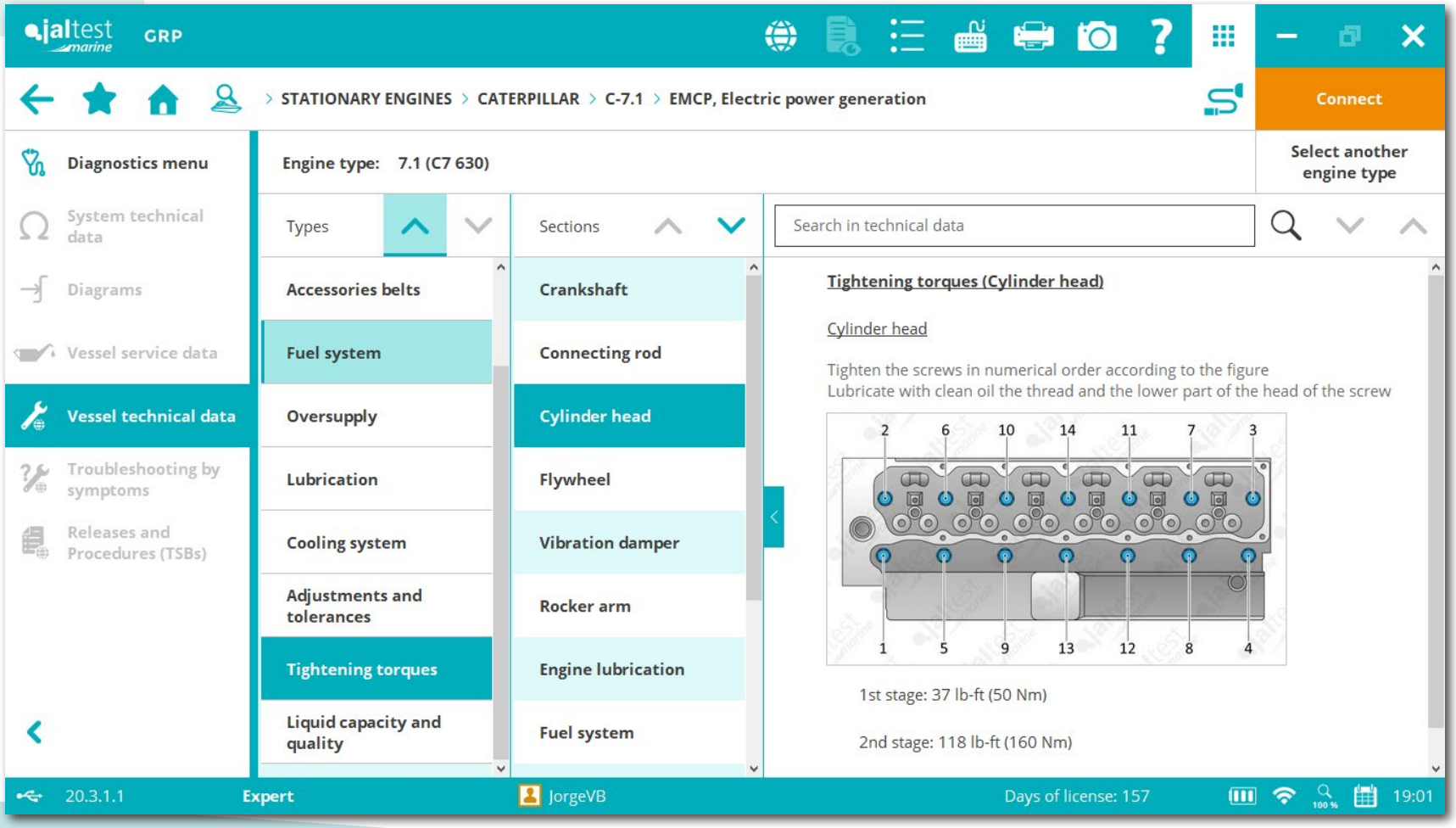
click on images to enlarge

jaltest DIAGNOSTICS | marine VESSELS



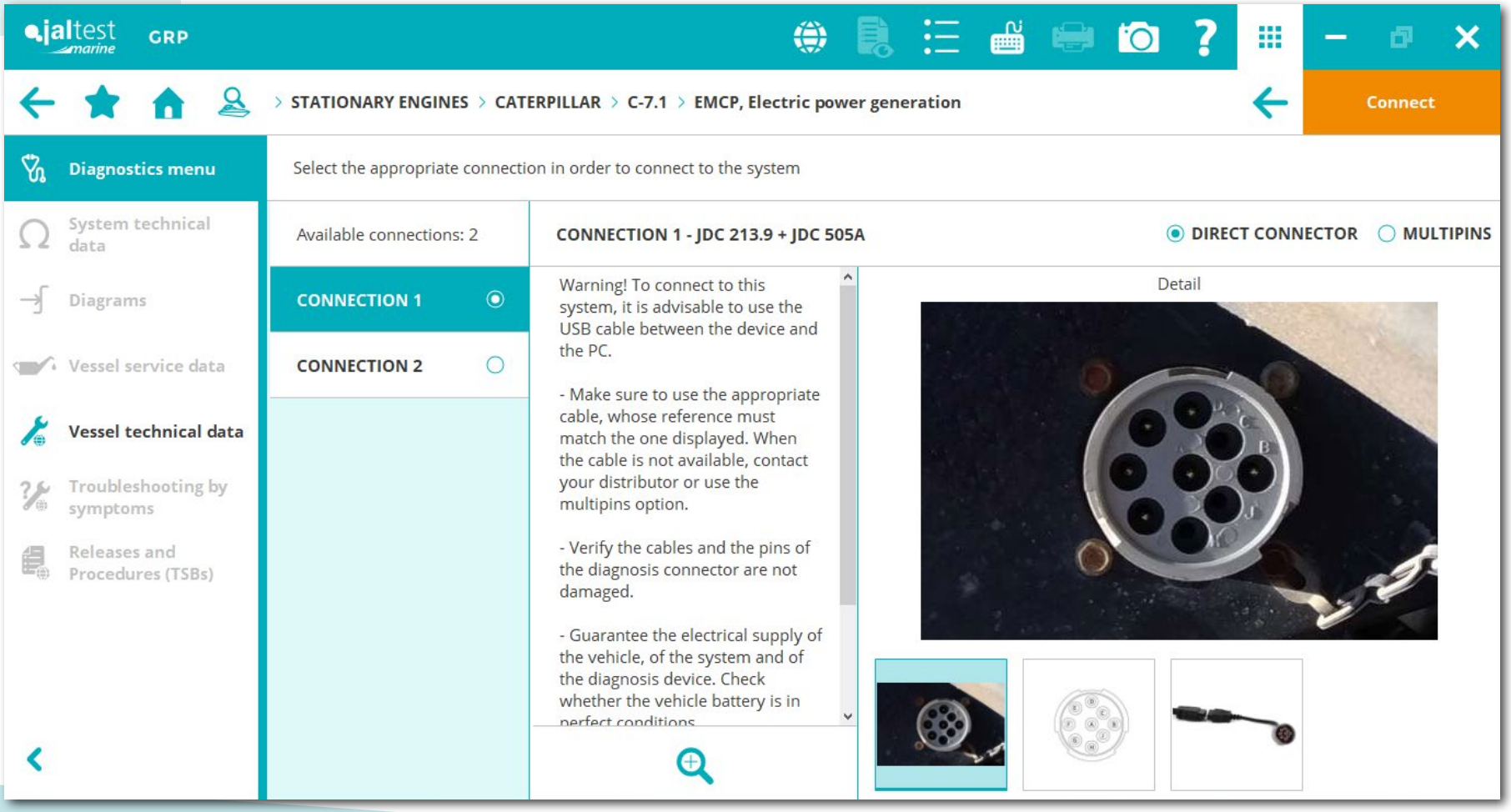
For more information visit:
cojaliusa.com

jaltest DIAGNOSTICS | marine VESSELS



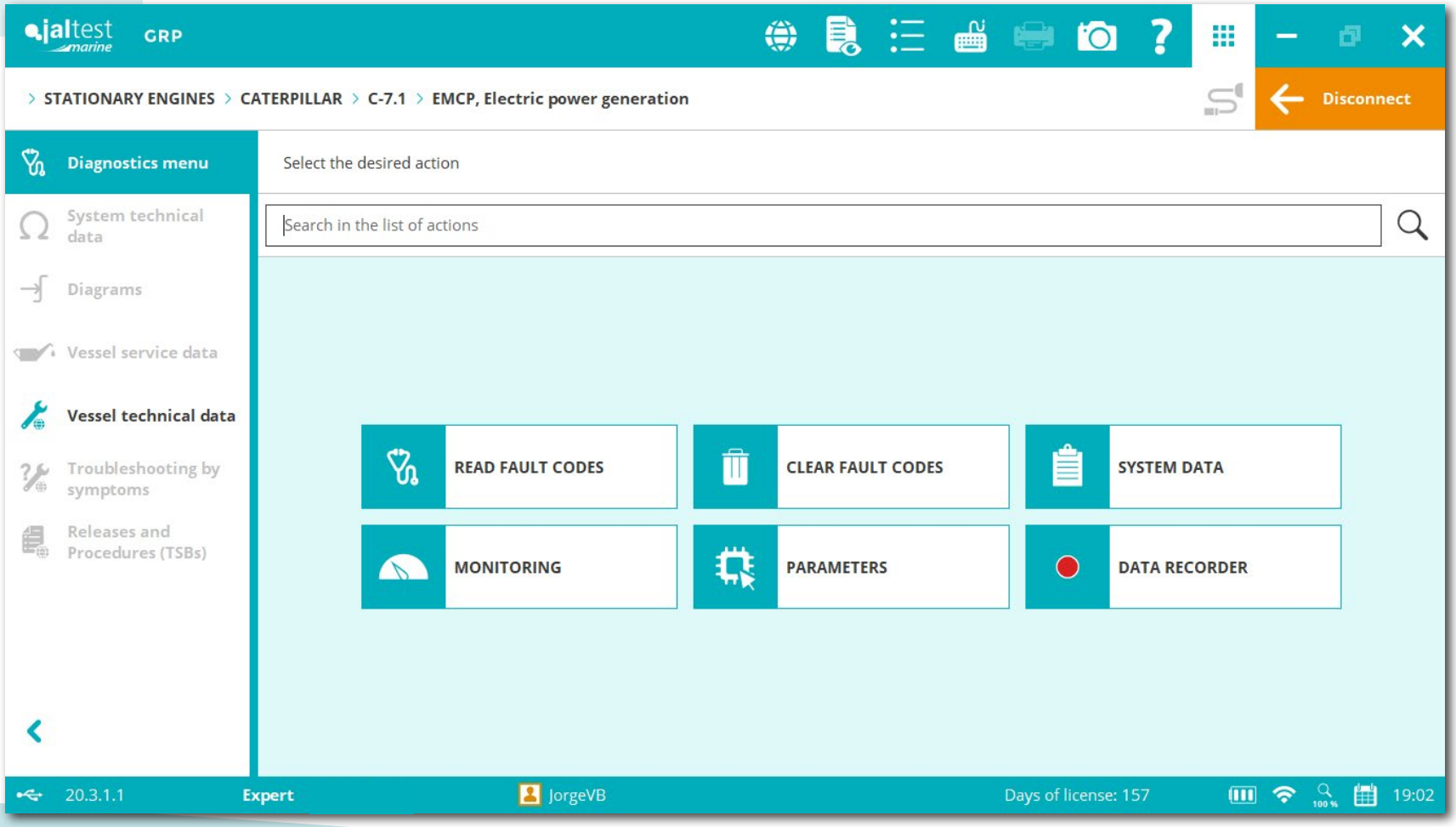
For more information visit:
cojaliusa.com

jaltest DIAGNOSTICS | marine VESSELS

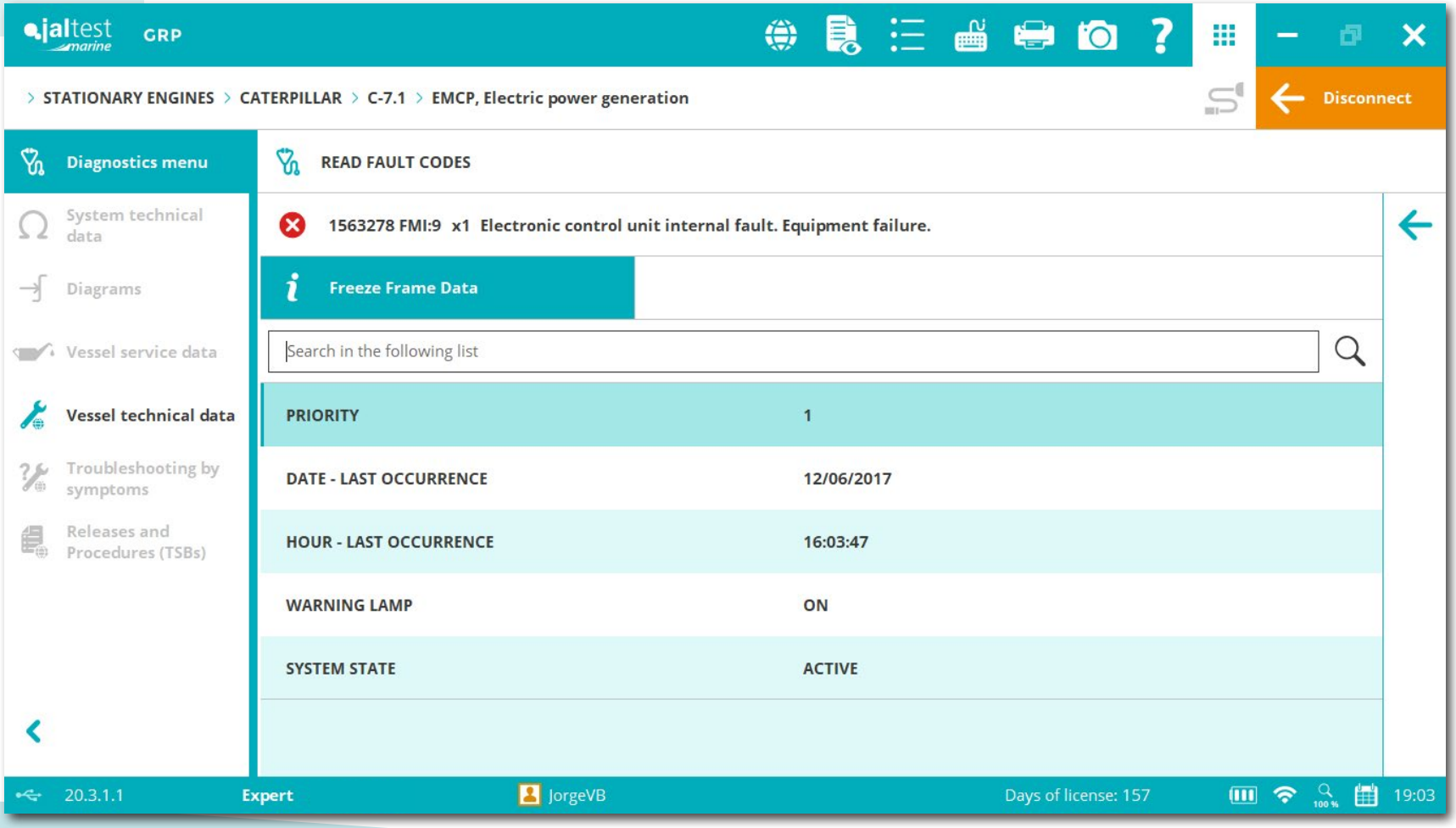


For more information visit:
cojaliusa.com

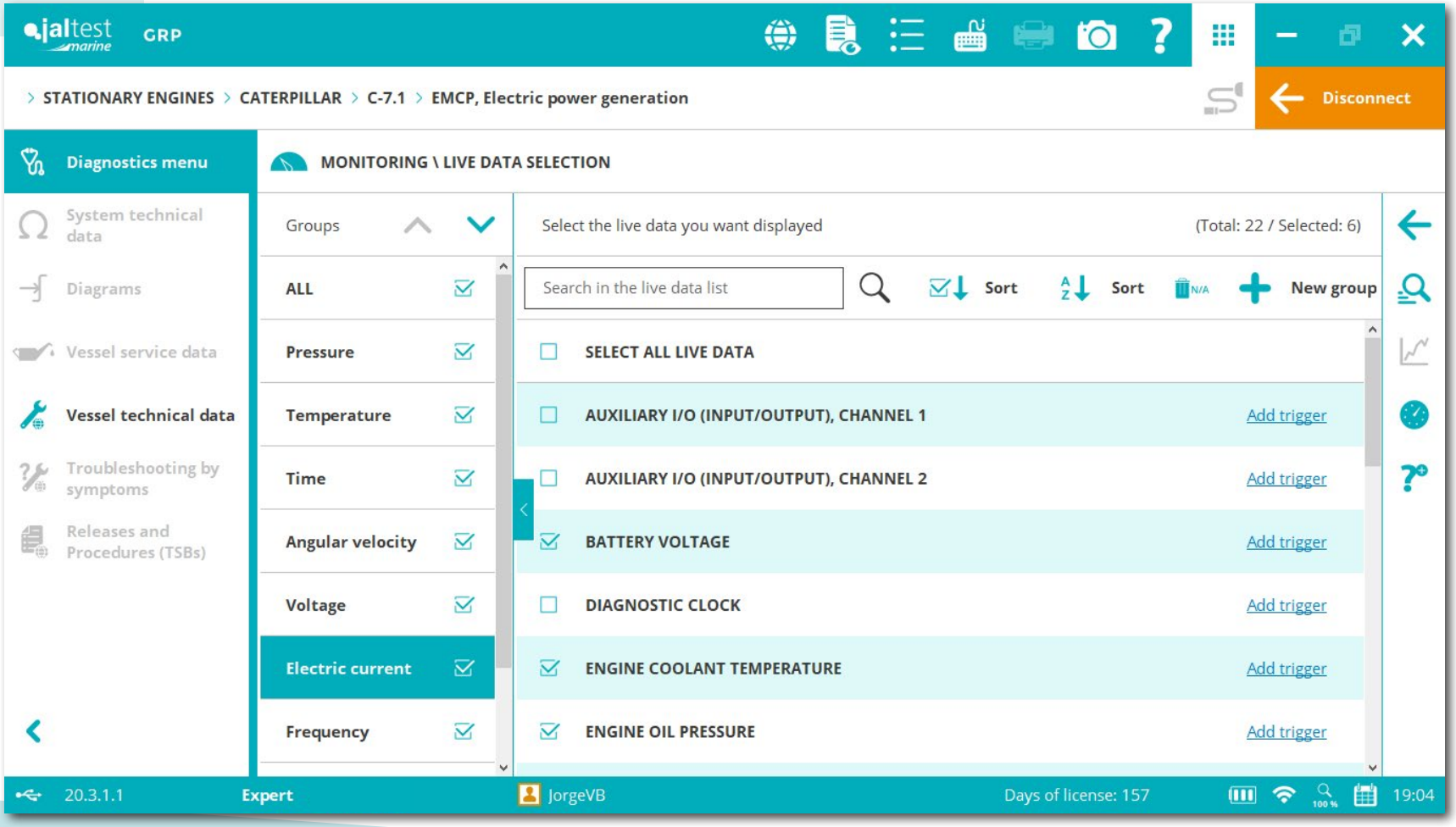
jaltest DIAGNOSTICS | marine VESSELS



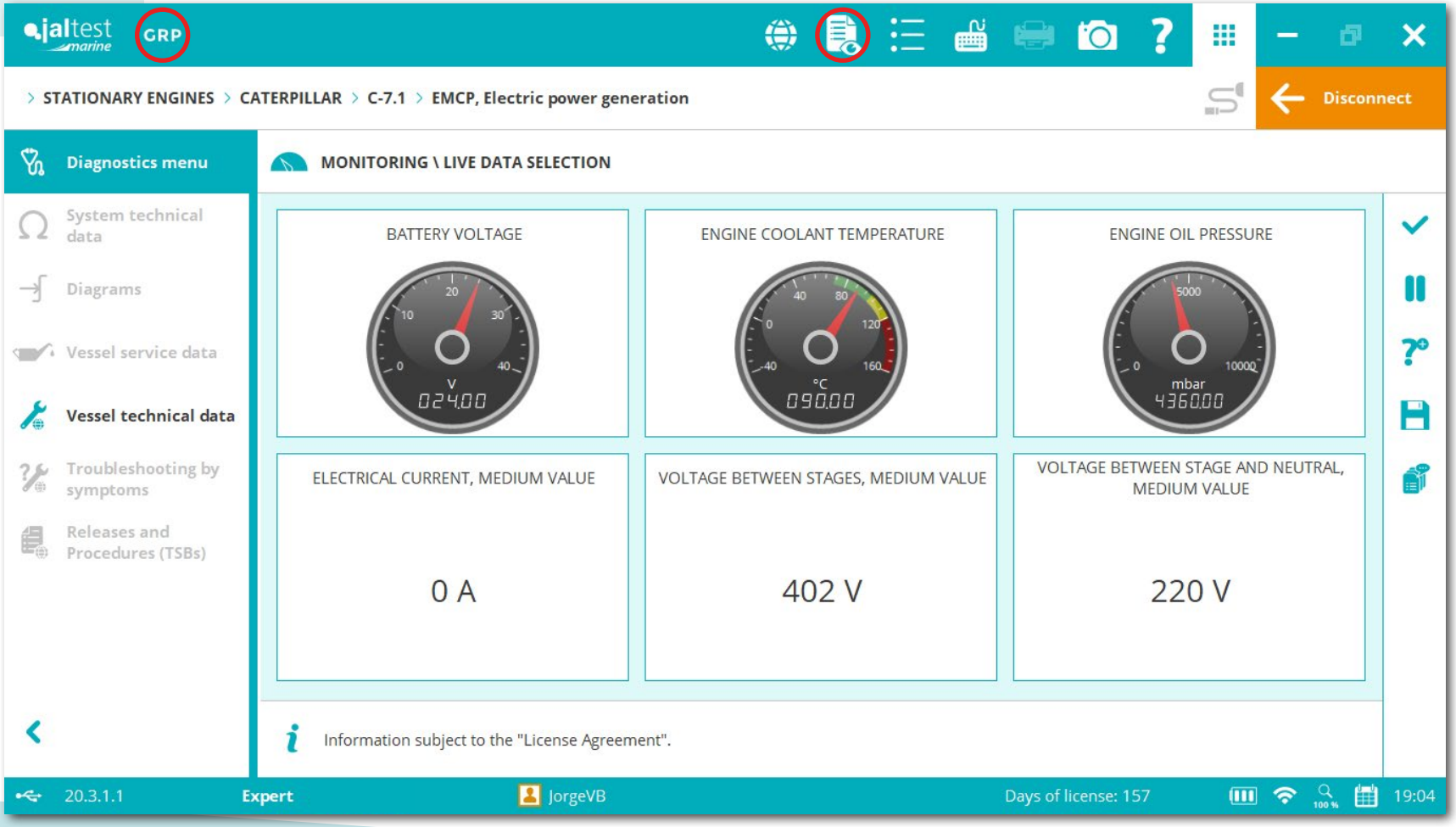
For more information visit:
cojaliusa.com



For more information visit:
cojaliusa.com

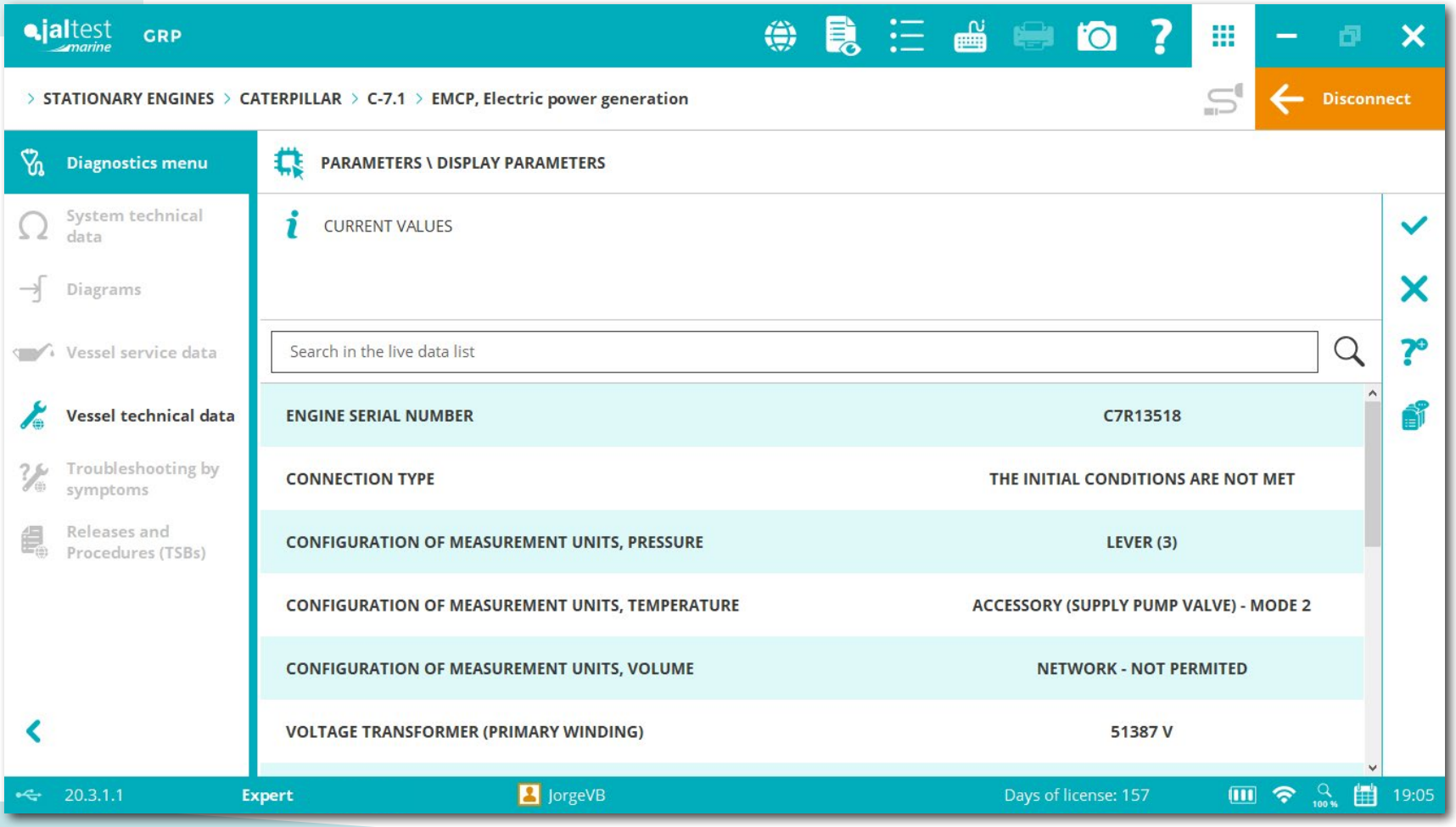


For more information visit:
cojaliusa.com



For more information visit:
cojaliusa.com

jaltest DIAGNOSTICS | marine VESSELS



For more information visit:
cojaliusa.com