



energy production, storage, monitoring, conservation

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### BRJ Solutions will Feature the New Integrel Advanced Generator Replacement System at 2020 Seattle Boat Show

Seattle, January 8, 2020 – A brand new technology that aims to replace generators on boats will be introduced for the first time to the northwest market at this year’s Seattle Boat Show Jan 24 – Feb 1 at CenturyLink Field Event Center. Integrel, which attaches to an existing inboard engine and maximizes its performance, can quickly generate up to 9kw of electricity. Cruisers away from shore power can now generate plenty of electricity for refrigeration, electrical appliances and more without running a generator.

BRJ Solutions LLC will be highlighting the Integrel system at their booth, #2000 on the mezzanine level. Renown Author, Sailor and Marine Consultant Nigel Calder will also introduce Integrel on Saturday, February 1<sup>st</sup> at 1:00pm in a seminar titled “Solving the Energy Equation the Integrel Way.” Calder helped to develop Integrel, then spent several years putting it through rigorous testing to discover and fix all possible weaknesses. He has had the product on his own boat for more than a year now with the system working flawlessly.

So how does Integrel work?

- Existing inboard engines have spare capacity most of the time. Integrel, which is like a smart, high-output alternator on steroids, uses the spare capacity of an existing inboard engine to generate power.
- Integrel can direct energy to immediate needs or to a battery bank for storage – the more batteries, the greater the electrical autonomy.
- The system is fully automatic requiring very little maintenance or intervention.
- Integrel’s dedicated user interface displays all the data for an energy system including fuel levels and sends a notification when the batteries run low.
- To recharge, simply start the engine. Integrel is so powerful, the engine only needs to run at idle or slightly above to quickly recharge the batteries.
- Integrel actively manages the engine’s output, so that it is always running at its most fuel efficient, conserving fuel and reducing fuel costs.

Brian Johnson, owner of BRJ Solutions, has more than 25 years of experience working with electronics and electrical systems in the marine industry. He stated, "This product has the potential to completely transform the way we look at modern electrical systems on both sail and power boats. Before, new boats were often built with limited outlets, minimal appliances and propane for cooking. With Integrel, boaters can get rid of propane and have more conveniences, like larger refrigerators, freezers, washer/dryers, inductive stove tops, hot water heaters, watermakers and air conditioning even when offshore or on anchor."

Integrel has been honored with many awards including the IBEX Innovation Award for Electrical Systems 2019, the 2018 Dame Overall Winner, the Sail 2019 Pittman Innovation Award, the Ocean Navigator Chuck Husick Award 2018, and the 2018 Boat Builder Award. It's also been featured in MotorBoat and Yachting, Yachting World, Sail, Scuttlebutt and Sailing and other magazines and trade publications.

BRJ Solutions LLC designs energy systems for off-shore, off-road and off-grid power using a variety of innovative products for energy production, storage, monitoring and conservation. They are also the Pacific NW distributors for Firefly Carbon Foam AGM Batteries, Solbian and Solara Solar Panels and Lithionics OPE-Li3 Lithium Battery Systems. Discover more at [brjsolutions.com](http://brjsolutions.com) or visit booth 2000 at the Seattle Boat Show.

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