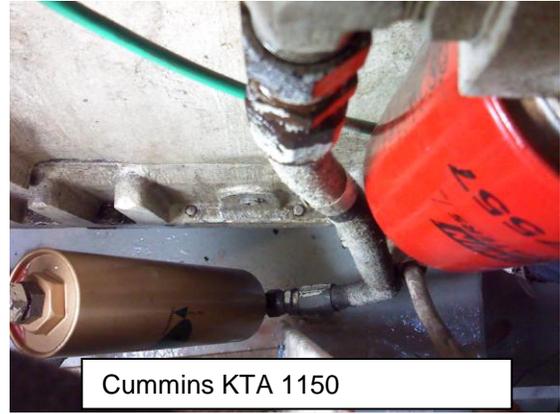


f/v Royal Dawn  
Brent Bixler – Owner/Operator

Cummins KTA 1150 Main, CAT 3304 & Isuzu Gen-set engines  
Fitch Models Installed: F100HDG & 2 - F5HDG

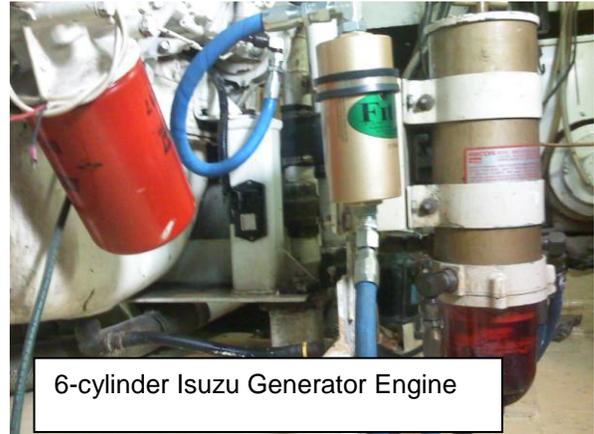
6/28/10



Cummins KTA 1150



CAT 3304 Generator Engine



6-cylinder Isuzu Generator Engine

Brent was one of the early pioneers to evaluate the Fitch Fuel Catalyst in the late-90's when he bought one unit for his Cummins KTA1150 main engine and another smaller unit for his Caterpillar 3304 generator engine. Fishing the South Pacific and traveling for 30 day clips to reach the fishing grounds, Brent was provided the ideal environment to track fuel consumption operating at normal running speed. Using a FloScan™ fuel metering system, Brent was able to compare fuel consumption with and without Fitch retrofitted to his engines during these lengthy trips. At an AAFA (American Albacore Fishing Association) general meeting in March 2010, Brent claimed he saved 12% after retrofitting his engines with Fitch over 10 years previous.

Since this first set of Fitch units were way past their expected service life, Brent decided to purchase 3 brand new heavy-duty Fitch catalyst canisters for the Royal Dawn (photos above). In addition, Brent bought an auto kit for his Dodge RAM 2500 diesel pickup with a Cummins 5.9 liter engine with the expectations of quieting down the truck and picking up a bit more mpg.

Now (July 2010) equipped with new Fitch Fuel Catalyst units, the Royal Dawn was headed north for Pacific NW albacore season and stopped in Fish Harbor, Terminal Island for fuel, anchovies and immigration processing of the crew. Brent confirmed on his trip from San Diego, he measured a reduction in fuel consumption on the main from 8.5 to 8.0 gph travelling in flat calm seas at 1300 rpms. With a 1/2 gph reduction in fuel, this would equate to \$2,500 in direct fuel cost savings if the main is operated 20 hours per day for 100 days and fuel costs remain at current \$2.50 price in Fish Harbor. In addition Brent is very happy with performance of his pickup truck which he says runs a lot quieter. Brent is continuing to document fuel savings and other benefits of the Fitch units on the Royal Dawn. **He supports the Fitch Catalyst technology, knows it works and recommends that all his fellow fishermen to do the same as soon as possible – install a Fitch Fuel Catalyst to reduce fuel consumption and improve air quality.**