



ALASKAN BOATBUILDER RELIES ON DELTA "T" VENTILATION SYSTEMS



Built and operated by Allen Marine, the *St. Maria*, a high-speed catamaran, uses Delta "T" System equipment to maintain optimum engine room ventilation.

Alaska is not the easiest place to build boats year-round, but Allen Marine has been doing it successfully for almost 20 years. Logistics can be a problem, especially when located more than 3,000 miles from suppliers. For the past five years, Allen Marine has relied on Delta "T" Systems of Florida to provide quality engine room ventilation equipment.

Since 1999, Allen Marine has built 19 high-speed ferries for use in New York Harbor. To maintain optimum engine performance and longevity on these vital passenger ships, complete Delta "T" ventilation systems were

installed. These systems include moisture eliminators, axial fans, dampers and controls. Within 30 minutes of delivery in New York, many of the ferries were in operation, carrying passengers at speeds up to 34 knots.

"Up here, we can't mess around. Some of the ferry builds were quick. We can't afford to wait for one part to hold up an entire project," said Allen Marine's Ken Baker. Although they are located near Juneau, on Baranof Island, there are no roads into Sitka. Often, parts have to be air freighted, barged or trucked to Juneau and then picked up by boat. "Delta "T" gives us equipment on time and to our specifications," Baker said.

Of the 19 ferries, 13 are 78', 150-passenger catamarans and the other 6 are 65', 97-passenger monohulls. Twin ventilation systems on each catamaran allow its four engines to push out 2,600 horsepower. Moisture eliminators keep the air free of sea spray in harsh conditions. In the monohulls' larger engine rooms, 24" axial fans keep the air flowing. "These products have to meet our specs, and the service and back-up also has to be there. Delta "T" has done that for us," said Baker.

One of the largest producers of high-speed passenger catamarans on the West Coast, Allen Marine can build up to five catamarans at a time. The company's 100' x 200' shipbuilding facility keeps production going year-round despite the snow, rain and extended winter darkness.

Allen Marine is one of its own best customers. Not only does the company build passenger boats, it also operates them. The company, founded by Bob Allen, began by conducting day tours for visitors to Alaska. Soon Allen realized that the vessels he was using weren't suited for wildlife viewing, a popular tourist draw, so he built his own tour boat.

Now, Allen Marine Tours is a separate division with a fleet of 20 boats, each built by Allen Marine. This is a definite advantage for the company's other clients. "By building and operating our own boats, we

know what works or doesn't work," said Baker. Delta "T" components are also featured in the company's latest tour boats, including the 78' *St. Maria*, which was built in 71 working days.

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