



## Three NY-Staten Island Ferries, 36 motors, 90 days per vessel!

On June 25, 1999 Longo was selected by the Port of Authority to completely rewind 36, D32, 1500hp motors on 3 different ferry boats. These were not ordinary ferries but the famed Kennedy Class Staten-Island Ferries. It had been approximately 30 years since these ladies of the NY harbor had begun to turn their motors. That is a long time through the blazing heat and the icy northeast, not to mention daily loads of vehicles of every description from mammoth 1965 Cadillacs to today's monster SUV's.

When we discussed the situation with the NYC-DOT there were two major reasons they wanted the motors reconditioned: First, they wanted the motors brought back up to original condition and power. Secondly, they wanted the repairs to match the reliability for public service for a good many years to come. However, we recommended and they agreed that remanufacturing was a better way than simply repairing. This allowed Longo to upgrade materials and specs providing a motor that was thermally superior! than its original condition.

The project was a team effort with Ralph McKenzie, Deputy Director of NYC DOT and Ciro Esposito, ABS, handling their end and our engineering and plant team handling the performance for Longo. Since the work meant drydocking, our work had to be fast, accurate and above all done within a very specific time schedule. The time line they gave us was 90 days to remove, repair, test and reinstall these motors. Each unit received its own file, starting with an analysis of the motor, what was needed and how best to achieve that. Since Longo uses the best materials in the industry there was no decision there.

### Short Run

The Longo facility in Wharton, NJ is only 45 minutes from the ferries facility in Staten Island, New York. This convenient proximity to both New York and Newark ports can be vital when time is critical. It also means our sales associates, tech reps and our 24/7 response team are close by to answer questions, examine a situation first hand or if needed, handle repairs on very short notice.



### "Tig Welding!"

We presented the NYC-DOT with the option of using this superior procedure because we felt it was the one way to ensure the best electrical and mechanical joint. The cost proposal though significant, was agreed to because that was the right way to handle the job. The Longo Way\*. No quick fix here, but a full remanufacturing using state-of-the-art materials and methods. This insured higher insulation values, providing improved life for the motors. Longo's technical expertise and materials provided this customer an extraordinary job that provides real world, tangible results. This included procedures and standards that have qualified Longo for ISO 9001 certification.



\*For more information on how and why Longo is one of the most cost effective repair and remanufacturing services and where value is evident in each job, you can call us, reach us by e-mail or regular mail. We can provide complete servicing of motors and pumps.