Beier Radio was founded by Frank L. Beier in January of 1945. Frank Beier was a radio/telegraph operator in the Merchant Marines during World War II. Following the war, Frank Beier returned to New Orleans and opened a family business selling direction finders, depth sounders, ship-to-shore radios and radars.

Today, Beier Radio, LLC serves as the parent company for a group of highly specialized engineering and technology companies serving marine and land based industries. These companies are:

- **Beier Integrated Systems** provides sales and field support to our clients for all of our services and product lines.
- **Sentinel Engineering** provides engineering and manufacturing of all integrated products and services we have to offer.
- **South Coast Electric** provides engineering and manufacturing of all electrical products and services we provide.
- **The Marine Training Institute** offers regulatory required (USCG) training courses for mariners in order to maintain and/or upgrade their professional licenses.

**A History of Innovation and Service**

**Frank L. Beier, circa 1938**

**Quality Statement**

Beier Radio, L.L.C. and its subsidiaries (Beier Integrated Systems, Sentinel, South Coast Electric and The Marine Training Institute) are committed to total customer satisfaction by delivering quality products and services to the marine and other industries in a timely fashion. We are dedicated to meeting or exceeding Regulatory, Industry, Class and Customer requirements. We strive to continually improve the effectiveness of our Quality Management System through the establishment and constant evaluation of supporting objectives.
Beier Integrated Systems, headquartered in Mandeville, Louisiana, is a global leader in providing turn-key vessel control, navigation, communication, power distribution and power management solutions. Beier Integrated Systems has a team of partners located in Singapore, Shanghai, Helsinki, West Africa, and Brazil that assist us in providing worldwide support to our customers.

In addition to our turn-key support, our engineers and installation teams specialize in retrofit projects, providing custom designed integrated systems. Doing so significantly reduces operational downtime, resulting in our clients maintaining their reputation of dependability and superior performance. To illustrate Beier’s diverse capability and responsiveness, we recently engineered and delivered a Stabilized Gangway Controls System to enhance safety for workers crossing to and from the Vessel and Offshore Platform. Another example of Beier’s innovative approach and capability involved the design and installation of an Automatic Ballast Control System for a floodgate in the Terrebonne’s Morganza to the Gulf levee system.
Engineering, Installation and Project Management

From engineering to installation, service and/or training, Beier Integration Systems offers turn-key solutions for your plant, manufacturing facility, vessel or fleet. Our staff of engineers, technicians and production specialists are ready to refit your vessel or upgrade your plant.

Custom Solutions

As an original equipment manufacturer of high quality control and instrumentation products, we use our expertise to design and manufacture innovative products. One of our newest products is a Rudder Feedback Unit that exceeds the environmental demands of today's Inland and Offshore Vessel Operations. Our newly engineered Rudder Feedback Unit utilizes watertight components and connections that can withstand flooding up to one meter of water for a period of 24-hours while maintaining accurate positioning for control systems.
Control, Automation & Instrumentation

Marine Industry Leaders trust Beier’s Remote Diagnostic Support and Field Service Support to minimize their vessels’ operational down time.

Our engineering staff possess over 100 years of experience in the design of marine instrumentation and electronics. Beier’s commissioning and service teams provide expert installation, start-up, support and maintenance of your control and monitoring systems to ensure peak performance.

TAKE CONTROL with Beier Integrated Systems.

Beier Provided Products and Services

- Custom Engineered Solutions for any Industry
- Industrial Engineering and Automation
- Industrial Power Distribution and Control
- Machinery Alarm and Monitoring Systems
- Cargo Control and Monitoring Systems
- Tank Level Indication
- Steering Control Systems
- Steering System Hydraulics
- Rudder Angle Indication
- Rudder Feedback Units
- Pump and Valve Control Systems
- Power Management Systems
- Engine Order Telegraph
- Shaft Tachometer Systems
- Propulsion Control Systems
- Thruster Control Systems
- General Alarm Systems
- Custom Designed Control Systems including: Winch Controls and Ballast Control Systems
The Beier IVCS 4000 Dynamic Positioning System can be provided as a stand-alone or integrated solution tailored to the specific needs of each customer. This system can be installed as the vessel is undergoing new construction, as a retrofit to upgrade a non-DP vessel, or to provide additional capability and performance to a vessel equipped with a DP System.

The Beier IVCS 4000 is designed to integrate with propulsion, thruster and power management systems. The system's sensors and reference equipment are carefully selected to ensure full compliance with all applicable class rules and to maximize safe operations.

**Typical Applications for the Beier IVCS 4000:**

- Offshore Supply Vessels (OSV)
- Crew Boats
- Anchor Handling Tug Supply Vessels
- Diving Support Vessels
- Heavy Lift Semi-Submersible Vessels
- Oil and Gas Shuttle Tankers
- Dredges
- Cruise Ships and Mega-Yachts
- Hydrographic Survey Vessels
- Buoy Tenders

Over 600 Beier DP Systems currently operate worldwide.
Beier IVCS 4000 Highlights

The Beier IVCS 4000 is the premier vessel control and monitoring system, providing DP and a host of other support capabilities to vessel owners and operators. The Beier IVCS is easy to operate and commands are activated with a simple touch of the control screen. While the functionality of DP systems varies by class requirements, the following is just a sample of the powerful features our IVCS 4000 System offers:

User Interface Design Concept
Thrust Ability Diagram
System Monitoring
Autopilot Control Mode
Trend View

Consequence Analysis
Simulator Mode
Center of Rotation (COR)
Data Logger

“Beier’s Autopilot and Dynamic Positioning Systems have far exceeded our expectations.”
Capt. Purcell, Dredge RN Weeks
Beier Integrated Systems is an original equipment manufacturer of high-quality control and instrumentation products and systems. Our team possesses over 100 years of engineering management, electronic design, system design, PLC programming and service experience. We possess the staff and expertise to provide you, our customer, the specific solutions and products for your automation needs.

**Industrial Systems**
- Process Control
- Custom Control/Instrumentation
- Machinery Alarm Systems
- System Control and Data

**Data Acquisition (SCADA)**
- Tank Level Indicating Systems
- Motor Control Centers
- Motor Drives
- Human Machine Interface (HMI)
- Winch Controls
- Pump Controls
- Fire Detection Systems

**Integration Services and Systems**
- Contract Electrical Panel Manufacturing
- PLC Programming
- Field Engineering Services
- Contract Engineering and AutoCad™ Drafting Services
- Hydraulic Power Units and Cylinders
Beier Acquires South Coast Electric Systems

In 2016, Beier Integrated Systems acquired South Coast Electric Systems (SCES) of Bay St. Louis, Mississippi. SCES, now under Beier Radio, LLC as South Coast Electric, has been in business for over 15 years and is recognized in the industry as a high quality, cost effective provider of switchgear solutions to both the marine and industrial industries. This acquisition expanded Beier’s manufacturing capabilities within the industrial and marine markets and strengthened our position as a global leader for integrated, turn-key technological solutions.

“This acquisition will allow Beier to add the only missing component – the switchgear – to our fully integrated packages in order to provide a complete turn-key electrical solution to shipyards and ship owners. We are confident this will result in enhanced engineering and integrated equipment packages, reducing cost and eliminating risk for our customers.” Beier Integrated Systems - President Karl Beier.

Additional Electric Services:
- Generator Controls Troubleshooting & Upgrades
- Woodward Engine Easy Gen Conversions
- Voltage Regulator Testing
- Switchboard / MCC Retrofits & Modifications
- Onboard Training Services
- Power System Training
- Power System Engineering Studies

Products:
- Ship’s Service & Propulsion Switchboards to 690V
- Secondary Distribution Switchboards
- AC Propulsion Drives Systems, Air and Liquid cooled
- Integral Power Management Systems
- Full Integration with Vessel Management Systems
- Shore Power Connection Boxes with Cables
- UL67 Marine Secondary Distribution Panels AC & DC
- Marine and Industrial Startup & Repairs on site
- Vessel ESD Control Panels
- Refrigerated Container Deck Distribution Panels
- Prime Power and Standby Power Systems for Military, Petrochem, Industrial and Commercial Applications
- UL891, UL508 and UL1558
- Low and Medium Voltage Motor Controls
- Utility Protective Relaying Panels

Electric services are compliant with ABS, DNV, Lloyd’s and USCG as required, as well as Underwriter’s Laboratory UL.
Beier sells, installs, services and supports a full range of navigation, interior and exterior communications equipment from all major manufacturers.

Navigation & Communications

Custom Consoles

Beier Integrated Systems designs and manufactures custom consoles to meet every customers’ needs and design requirements.
The Marine Training Institute

Educating and Challenging Tomorrow’s Mariners Today

The Marine Training Institute is accredited by the United States Coast Guard, The Nautical Institute and the Offshore Service Vessel Dynamic Positioning Authority (OSVDPA) for its standards of excellence in the training of maritime personnel in the principles and safe practices of operating a DP System in a working environment.

At the Marine Training Institute, mariners master the operation of vessel technology using simulators that allow students to apply real-world skills to the real-world challenges of the marine environment.

Courses Offered:

- OSVDPA DP Operator (DPO) Training Courses and Assessments
- Leadership and Managerial Skills (TMTINS-751)
- ECDIS Five-day Certification (TMTINS-179)
- Radar Recertification One-Day (TMTINS-409)
- Dynamic Positioning Operator – Induction
- Dynamic Positioning Operator – Advanced
- DP Trouble Shooting and Technical Training Class
- VSO, CSO, FSO Training
- 40 Hour Radar Operator Unlimited (TMTINS-399)

The Marine Training Institute is the first provider to be accredited in conducting OSVDPA Dynamic Positioning Operator (DPO) Training Courses and Assessments.
Beier Integrated Systems specializes in No Fault Project Management Services for new construction and retrofit projects. We provide engineering assistance and on the job, hands on management to complete your project on time, every time. Beier Integrated Systems also provides technical drawings and submittals for any flag states' approval. We work closely with vessel companies, shipyards, and naval architects. We install the equipment we design, manufacture, and service. With our No Fault Approach to Project Management, your vessel’s sea trial will run smoothly and will be in operation in no time.

Remote Diagnostics
With Beier Integrated Systems remote diagnostics capabilities, we are able to detect and correct most system failures within minutes, thereby saving you time and money.

Research & Development
Beier Integrated Systems continually strives to enhance our control and management systems to outpace the demands of the evolving industrial and marine industries.