



## F. PAUL HERRNECKAR



F. Paul HerrNeckar is a Senior Executive Consultant with over 40 years of U.S. and international project management, engineering and construction management, and construction claims experience in petrochemical, oil & gas, power, refining, chemicals, pharmaceutical, pulp & paper, food, and water-related projects. Mr. HerrNeckar also has extensive process control engineering and construction management experience in process control projects. He is skilled in the management of lump-sum turnkey projects in the United States as well as internationally. He has participated directly in claims negotiations and settlement agreements in excess of US\$100 million.

Before joining Long International, Mr. HerrNeckar managed projects as large as US\$450 million while living in the Middle East. He also was Projects Engineering Manager for 45 projects valued in excess of US\$2.6 billion, managing approximately 120 engineers from different disciplines as well as surveying and document control.

### EDUCATION

BS, Engineering & Management, Clarkson University, 1965

MBA Program, Phase II (partially complete), Sam Houston State University

Professional Improvement Courses: "Negotiating to Yes," "Breakthrough Communications," "Computer System Validation," "Managerial Analytics," and "Situational Leadership"

### PROFESSIONAL AFFILIATIONS

Project Management Institute - Member

Instrument Society of America - Senior Member

### PROJECT EXPERIENCE

Mr. HerrNeckar's recent claims experience includes the following projects:

- Evaluation of over 90 delay issues involving technical design problems, construction defects, and rework on a refinery in Trinidad.
- Assessment of construction defects to instrument and electrical systems on an onshore and offshore gas plant project in Australia. Prepared expert report and testified in Arbitration in October 2006.
- Analysis of an engineering & construction contractor's \$154 million change order, delay, and disruption claim against the owner of PET chemical plants in Spain, Argentina, and The Netherlands. Mr. HerrNeckar prepared a document database in support of ICC arbitration and assessed the technical and project management issues associated with the EPC contractor's claim.
- Assessment of technical issues in support of a mechanical contractor's \$20 million claim for delay, additional work, labor disputes, and loss of productivity regarding a delayed coker project at the Cerro Negro oil upgrading project in Venezuela.
- Analysis of the technical entitlement of change orders associated with an engineering and construction contractor's \$60 million claim on a magnesium oxide production plant in Jordan.



- Preparation of a contractor's \$45 million delay, change order, and loss of productivity claim involving the construction of three gas turbine power generators and related-utilities comprising a new power plant project in Texas. Directly responsible for the assessment of the contractors cost and labor man-hour records to establish a measured mile productivity analysis in support of the contractor's loss of productivity claim.

## **PROFESSIONAL EXPERIENCE**

### **Long International, Inc.**

*Austin, Texas (February 2001 to Present)*

Mr. HerrNeckar is responsible for management of projects directed from our Austin, Texas office. He provides claims analysis and dispute resolution services include a wide variety of projects for owners and contractors. Specific responsibilities include analysis of engineering project management performance under the contract, job cost analysis, delay analysis, procurement issues analysis, problems affecting instrumentation and process control systems, and change order analysis.

### **Parsons Engineers Limited**

*Ahmadi, Kuwait (1994 to January 2001)*

As Project Management Contractor under a cost-plus contract for the Kuwait Oil Company, Mr. HerrNeckar was responsible for project management of a \$450 million project for the engineering and construction of two grassroots gathering centers providing over 400,000 BOPD crude oil from over 200 wells and transit lines connecting the oil, gas and condensate to the distribution center and refinery. In this assignment, Mr. HerrNeckar managed a Chinese contractor who was executing its first international lump sum turnkey (LSTK) project. This project was significantly delayed in completion because of contractor-caused problems, which generated over 200 requests for change orders and claims. Mr. HerrNeckar also served as Projects Engineering Manager of a contract involving 45 projects valued in excess of \$2.6 billion. He managed approximately 120 engineers from all disciplines plus survey and document control tasks. In addition, he was a Project Manager responsible for the preparation of \$550 million LSTK tender packages including a new gathering center providing 250,000 BOPD crude oil from 140 incoming lines, a Central Seawater Injection Project treating and injecting 300,000 BWPD via 32 wells, an effluent and aquifer water treatment plant providing 300,000 BWPD to 12 injection wells, and the installation of new DCSs at five Gathering Centers and three Booster Stations, where he was also managed the LSTK contractor during the engineering phase.

### **Saudi Arabian Parsons Limited**

*Al Khobar, Saudi Arabia (1991 to 1994)*

As Senior Project Manager, Mr. HerrNeckar managed the proposal, detail engineering and procurement phases of Saudi Aramco's \$300 million Abqaiq Plants Control Systems Modernization Project. This strategic facility stabilizes and distributes a significant portion of the crude oil extracted in Saudi Arabia. The scope included infrastructure (180,000 SF in 21 buildings), 10 miles of new cable tray and 400 miles of new fiber optic and field instrumentation wiring, ten new or upgraded DCS systems, and a demothballed gas pipeline compressor station. His responsibilities included managing a 7-member project engineering staff, the project controls group, a senior resident construction engineer, a CADD manager with approximately 20 CADD stations, the procurement/materials group, and the documentation control group. He also served as engineering manager for 9 discipline leads. Mr. HerrNeckar instituted a value engineering review step prior to final submittal of the project proposal. This value engineering effort reduced the scope, saved several million dollars, and led to the project being on schedule and under budget. The building designs were also standardized to reduce engineering costs, optimize procurement and construction costs, and improve the schedule.



**Fisher-Rosemount Systems, Inc.**

*Austin, Texas (1984 to 1991)*

Mr. HerrNeckar was Project Director on a \$16 million SCADA Engineering/Construction project which was completed ahead of schedule and under budget. He also managed the subcontract interface with the on-site construction contractor.

As Senior Project Manager, he managed multiple major DCS (full configuration) projects with an average 14 percent increase in profitability while meeting schedule and facilitating project team growth. His clients included Monsanto, DuPont, Hercules, Potlatch, Pfizer, Eastman Kodak, and Xerox. Mr. HerrNeckar implemented a PSDI project management system and introduced monthly project reviews.

**Fluor Daniel**

*Houston, Texas (1975 to 1984)*

As Principal Engineering Manager, Mr. HerrNeckar managed all aspects of engineering on projects for Exxon & Chevron. The Exxon project was a \$50 million Paraxylene Unit for the Baytown, Texas facility. A field engineering team was established to insure a smooth construction effort on this revamp project. The Chevron project was a \$500 million grassroots Gas Plant in Uinta County, Wyoming that featured a full structure covering the entire plant, protecting it from the severe cold and high winds.

He was a Senior Control Systems Engineer involved in all phases of instrumentation design engineering, including one of the first successful programmable logic controller applications for Union Carbide in Taft, LA. He also participated in projects for Saudi Aramco including Shedgum, Uthmaniyah and Berri NGL Centers, Shedgum and Uthmaniyah GOSPs, Yanbu East/West Pipeline, and Central Dispatch.

**ABB (formerly Taylor Instruments)**

*Rochester, New York (1968 to 1975)*

Mr. HerrNeckar was a Instrument Engineer under contract to E.I. DuPont working on various polymer intermediate projects, including a grassroots Adipic Acid Plant. He was also a Project Manager responsible for handling all hiring, payroll, billing, purchasing, etc., for a 500-person craft labor peak load for ARCO's grassroots refinery construction project in Cherry Point, WA. He also directed multiple remote project superintendents for instrument installation projects. Mr. HerrNeckar also managed all time and material extra work orders at a grassroots pulp & paper mill for Westvaco in Wickliffe, KY.

**Honeywell (formerly Bendix Corporation)**

*Sidney, New York (1965 to 1968)*

Project Coordinator for the SRAM missile program for Boeing.