



The Augustus Group
James C. Towers – Principal Consultants

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SUMMARY

29 years experience in the development, construction, operational, and maintenance of crude oil, gas, chemical and products pipeline transportation systems onshore and offshore in the USA (specializing in cold regions), Central America, Russia, and Kazakstan.

EDUCATION/CERTIFICATIONS

BS Degree in General Engineering from Texas A & I University (Now Texas A & M, Kingsville)

CONTINUING EDUCATION

Gosgortechnadzor Regulatory Compliance (Russian Operating License) 1996, Negotiating Skills Workshop 1994, Business Ethics Training (Refresher) 1194, Freelance for Personal Computers (Intro. & Intermediate) 1994, Investment in Excellence 1993, WinWord Basics 1993, Work Force Diversity Training 1992, Strategies for Clean Air Act Compliance 1991, Texas A&M Wildlife Rehabilitation Course 1991, Texas A&M Oil Spill Control Workshop 1991, Managing Personal Growth 1988, Federal Environmental Laws and Regulations (Rice University) 1988, Advanced Lotus 1986, Advanced DOS for IBM PCAT 1986, Strategies for Successful Presentations 1985, Proactive Management 1983, Interpersonal Communication Skills 1981, Consulting Skills 1981, University of Colorado School of Mines Shale Oil Properties and Utilizations 1981, Exxon Synthetics Shale Oil Seminar 1981, Effective Supervision 1979, Lease vs. Buy Economic Analysis, Monte Carlo Risk Analysis 1979, Pneumatic Control System Design 1974, Foxbora Instrumentation Seminar 1973, ASME Relief Valve Seminar (Certified to Calibrate Valves) 1972, Pipeline Training and Lecture Series 1970, Licensed Realtor (inactive), proficient with DOS and Macintosh platforms and software.

PROFESSIONAL EXPERIENCE

2002 – To Present J. C. Towers, Inc., **Consultant**

- Sakhalin Island Project

1997 – 2002 Paragon Engineering Services, Inc.

- Senior Project Manager

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1999 – Present **Consultant**

- Sakhalin I Project for onshore pipeline and crude oil tanker loading terminal conceptual design development to Kvearner R J Brown. Managed geotechnical and cold regions construction expert consultants while developing a conceptual construction execution plan for a 915 kilometer gas pipeline connecting Sakhalin Island to existing facilities in China. This project included evaluating over 7,000 kilometers of route alternative by helicopter.

1996 – 1999 Alaska North Slope (ANS) Gas Commercialization Project,

- Represented Exxon on a joint “Owners Team” in new and innovative efforts to commercialize the 26 trillion cubic feet of ANS gas reserves. Managed major contracts with Bechtel, SNC Lavalin and H.C. Price and other small firms for feasibility studies of onshore pipeline alternatives across permafrost and offshore pipelines in the ice infested Chukchi and Beaufort Seas.

Innovative Project Solutions, Inc. (IPS), **Technical Coordinator**

- Restructured and enlarged Caspian Pipeline Consortium project (after the Oman Government canceled their contract with Transworld Oil) under a transition agreement with the ten oil companies supporting the restructured project. Also became the computer system network manager. Managed existing asset rehabilitation assessment.

Transworld Oil USA, Inc., **Technical Coordinator**

- For the \$1.2 billion Caspian Pipeline Consortium project. Responsible for developing technical position on existing asset preservation and assuring suitability for purpose of new and existing facilities. Optimized ongoing operating costs for existing assets and minimized capital investment requirements for the new export facilities near the Black Sea Port of Novorossiysk. Negotiated contracts for SCADA systems, communications systems upgrades, pipeline measurement technology and smart pig services. Responsible for Regulatory Compliance, Computer Communications, Procurement, Cost engineering, Safety and Emergency Response.

Exxon Pipeline Company (EPC)

- **Technical Services Department Senior Staff Engineer** – Responsible for crude oil facilities in Texas, Louisiana, and Mississippi. Negotiated contracts for facilities maintenance, smart pig services, repairs and construction needs.
- **Joint Interest Department Senior Staff Analyst** – Coordinate management of EPC’s interest in the Trans Alaska Pipeline System and provide support in the litigation resulting from the Exxon Valdez oil spill. Responsible for stewardship of annual operating expenses, capital expenditures and after tax earning exceeding \$300 million.
- **Business Analysis Section Planning Department** – Developed business strategies to improve EPC’s net income and operating performance. Most significant achievement in this position was increasing revenues by \$118 million per year.
- **Project Logistics Coordinator** – La Sal Pipeline Project (a shale oil pipeline from Colorado to Wyoming). Coordinated the preparation of the Environmental Impact Statement and

obtained the Federal and State right of way grants and permits. Negotiated agreements with Federal and State agencies, contractors and shippers.

Exxon Company USA (EUSA) – **Supply Department**

- Developed the long-range transportation plan for all LPG, heavy fuel oil and specialty products for EUSA operations in the United States. Negotiated transportation agreements with various corporations for EUSA.

Exxon Pipeline Company – **Business Development Analyst**

- Identified new investment opportunities totaling over \$2 billion with projected DCF return levels ranging from 13% to 54% after tax (assuming 100% equity).

Alyeska Pipeline Service Company – **Start-Up Engineer and Station Manager**

- Supervised and coordinated the start-up at Pump Station No. 10 on the Trans Alaska Pipeline, which included eight, gas turbines and complete life support facilities.

Exxon Pipeline Company

- **Bayport Operations Office Senior Engineer** – Responsible for well work-overs of five Mont Belvieu, Texas salt dome storage wells.
- **Engineering Department** – Designed various pump stations, controls systems, refrigerated storage LPG facilities, flares, heat exchangers and custody transfer measurement systems in Texas, Louisiana (onshore and offshore), Massachusetts, North Carolina, and Nicaragua.