



PERRY INTERNATIONAL, LTD.

BRUCE E. HALLOCK

EXECUTIVE ADVISOR, CONTRACTS & DISPUTE RESOLUTION EXPERT

- Mr. Hallock has 46 years of international experience as a contract administrator / commercial manager and dispute resolution expert on high value and technically complex engineering and heavy/mega civil projects.
- Mr. Hallock is an expert in the preparation and evaluation of construction claims and the proceedings of resolving claims including through litigation. He has extensive testifying experience in North America. He has been the principal lead or advisor on the preparation and resolution of construction claims, and appointed as an independent expert witness in numerous trials, arbitrations, and mediations.
- Mr. Hallock is also a seasoned hands-on scheduler and expert delay analyst. His heavy civil and infrastructure project experience includes roads, airports, railroads, pipelines, marine works, power plants, process plants, data centers, schools, utilities, and nuclear power refurbishment work.
- Mr. Hallock has published and presented numerous technical papers and articles on construction and engineering management procedures and practices, contract administration procedures, dispute resolution procedures, and project controls management and procedures

INTERNATIONAL PROJECT EXPERIENCE BY COUNTRY

As an Expert and Project Advisor, Mr. Hallock has worked on appointments in the following countries:

1. Canada
 2. India
 3. Jordan
 4. Kuwait
 5. Nigeria
 6. Pakistan
 7. Saudi Arabia
 8. South Africa
 9. The Netherlands
 10. United States of America
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REGISTRATIONS AND CERTIFICATIONS

- PSP/Planning & Scheduling Professional
- Certified Forensic Claims Consultant (CFCC)

EDUCATION

- University M.A., African Studies, UCLA, Los Angeles, California
- B.A., History and Political Science, University of North Colorado, Greeley, Colorado
- Electrical Engineering, George Washington University, Washington, D.C.

EXPERT EXPERIENCE – INDUSTRIAL PROJECTS

Chemical

Saudi Arabia – On behalf of the owner, the National Petrochemical Industrial Company, prepared the Construction All Risk Delayed Start Up claim for a Propane Dehydrogenation and Polypropylene Plant in Yanbu, Saudi Arabia.

Saudi Arabia – Prepared the owner’s Construction All Risk Delayed Start Up and Marine Transit Delayed Start-Up claims for a Propane Dehydrogenation and Polypropylene Plant in Jubail, Saudi Arabia.

Saudi Arabia – Retained by the contractor to prepare claims for scope changes and delay for a water injection and crude oil subsea pipeline for Aramco in the Berri – Qatif Field.

Jordan – Retained by counsel for the contractor to prepare delay and standard of care analysis and calculation of damages in support of litigation between the contractor and the engineer for the Jordanian Magnesium Oxide Plant.

EXPERT EXPERIENCE – POWER PROJECTS

Hydroelectric

Canada – On behalf of the project owner, Mr. Hallock provided claims evaluation services and expert witness services for pending contractor claims and litigation on the CAD\$16.6 billion Lower Churchill Hydro-Electric Project.



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Following litigation, Mr. Hallock was seconded to the project owner as the Disputes Avoidance Manager. In his role, Mr. Hallock prepared contract administration and claims management including resolution of contractor claims for disputes on excavation works, access issues, owner support and interface issues, and other civil work matters.

Canada - On behalf of the project owner, Mr. Hallock provided litigation support in the arbitration between the civil works contractor and the owner on the Lower Churchill Project.

Coal Fired

South Africa – On behalf of the main contractor, Mr. Hallock was seconded to the contractor to prepare delay and loss of productivity claims on the two Kusile/Medupi coal fired power projects in South Africa.

Combined Cycle

USA – On behalf of a mechanical piping subcontractor in arbitration, appointed as Claims Manager to provide litigation support and expert witness testimony regarding construction of a Combined Cycle Power Plant or the Lakewood Cogeneration Facility in Lakewood, New Jersey.

Pakistan – Retained by the owner to prepare and defend a Delayed Startup Claim on the Daharki Combined Cycle Power Plant project due to the multiple equipment failures during start-up.

EXPERT EXPERIENCE – INFRASTRUCTURE PROJECTS

Communications System

Saudi Arabia – On behalf of the contractor, Bechtel Saudi Arabia, retained as Principal Contracts and Claims Manager seconded to subcontractor Lucent Technologies Inc. on the Saudi Arabian Ministry of Telephone and Telegraph's \$6.2 billion Telephone Expansion Program – 6 (TEP-6). Responsible for the preparation and negotiation of all change orders on the TEP-6 Program between Lucent and the Ministry.

Global – On behalf of the contractor, Global Crossing Inc. of Beverly Hills, California, retained as Commercial Manager with responsibility for domestic and international commercial activities. Mr. Hallock managed terrestrial fiber optic construction projects across the globe under an annual capital budget in excess of \$3 billion.



Gas Pipeline

India – Retained by the Government of India to prepare a defense against claims brought by the construction manager for failure to achieve performance requirements resulting in delay to the manufacture and delivery of gas compressor and power generation modules for the HBJ Pipeline project.

India – Retained by the equipment manufacturer to prepare defense for claims brought by the construction manager for failure to achieve performance requirements and delays in the manufacture and delivery of gas compressor and power generation modules for the HBJ Pipeline project.

USA – On behalf of Dade Aviation Consultants, a joint venture of Bechtel and six other firms on the Miami International Airport \$6.4 billion capital improvement program, Mr. Hallock retained as the Commercial Manager. Responsibilities included analysis and settlement of contractor claims for the new South Terminal, new North Runway, access and perimeter roads, fire stations, and utility relocation projects.

Metro Rail

USA – On behalf of the owner, the Los Angeles County Transportation Commission (LACTC), retained to provide Project Management Oversight for the Blue and Red Lines of LACTC (now the Los Angeles County Metropolitan Transportation Authority).

USA – On behalf of the contractor for the Phoenix, Arizona Valley Metro Rail Line Segment 2, retained as to prepare a claim for a light rail project for presentation to the Disputes Review Board.

USA – On behalf of the owner, the Florida Department of Transportation, prepared an analysis of the contractor's multiple claims for delay and damages on the Southern Florida, Tri-Rail Line Segment 5 project.

USA – On behalf of the Authority, the Denver Regional Transportation District, Mr. Hallock provided schedule analysis and project controls services for the US\$2.0 billion FasTracks Eagle P3 Project in Denver, Colorado.



Offshore Marine Platforms

Canada – On behalf of the owner, Exxon Corporation, retained as Project Manager for the construction of the topside production platform for the Point Pedernales Field project.

Nigeria – On behalf of the project owner, Chevron Nigeria Limited, Mr. Hallock prepared a delay analysis of a contractor's claim for delay arising during the restoration of two oil production facilities.

EXPERT EXPERIENCE – COMMERCIAL, FEDERAL, & INSTITUTIONAL BUILDING PROJECTS

Airport

USA – Retained by Broward County counsel to provide litigation support, analysis of contractor claims for asbestos abatement, and give expert testimony for the old Eastern Airlines Maintenance Facilities at Miami International Airport.

USA – Retained by a general contractor to analyze claim for delay and damages related to the expansion of the airport central chiller plant at Miami International Airport.

USA – Retained by an electrical subcontractor working on the Denver International Airport to prepare lost analyze productivity claims and provide litigation support and expert witness testimony at arbitration.

Kuwait – Retained by counsel for the contractor to provide a delay analysis and damages calculation for a dispute with USACOE over the reconstruction of the Kuwait El Jabar Air Force Base following the Desert Storm war.

Data Center

USA – On behalf of the stand-by generator subcontractor for a data center located in Colorado, appointed to prepare a delay analysis and expert report. In mediation, Mr. Hallock successfully demonstrated the subcontractor's delay did not impact the project critical path and completion date.



Multi Family

USA – On behalf of a condominium project owner in Miami, Florida, appointed as Schedule Delay and Damages Expert. Responsibilities includes preparation of a delay and damages analysis expert report to address the owner’s right to terminate the general contractor for default and the owner’s entitlement for liquidated damages including preparation of the calculation for the repurchase costs for which the owner was entitled to complete the project post termination. Mr. Hallock provided testimony at trial on his report.

USA – On behalf of the project owner, Mr. Hallock prepared a delay analysis and presented expert testimony in litigation brought by the insured against Chubb Insurance for delay arising during the construction of a condominium/commercial retail development due to an insured loss.

Educational

USA – On behalf of the Monroe County School Board in Florida, retained to assess betterment and secondary costs associated with the architect’s errors and omissions in the construction of two high schools, and presented the findings at mediation.

USA – On behalf of Broward County in Miami, Florida, retained by counsel to analyze construction manager’s claims for delays, defective plans and specifications, and changes in the scope of work for the Miami Performing Arts Center. Presented findings at multiple Disputes Review Board hearings.

USA – On behalf of the Broward County School Board in Florida, retained to provide litigation support in the assessment of damages and delays relating to an architect’s delays, errors, and omissions in the construction of a high school.

EXPERT EXPERIENCE – TECHNOLOGY PROJECTS

Boiler Fuel

USA – On behalf of the owner, the Potlatch Corporation, retained as Contracts Manager for a black liquor recovery boiler project in Idaho and retained to support counsel in litigation.



Ship Construction

USA – On behalf of a mechanical contractor, the Wright Schuchart Harbor Company in Seattle, Washington, employed as Project Manager and Corporate Contracts and Risk Manager. Responsibilities included managing litigation against the engineer on the construction of the Potlatch black liquor recovery boiler and the lawsuit against the owner on the construction of the M/V Arctic Storm a 3,700 DWT Trawler/Processor.

EXPERT EXPERIENCE – THE EARLY YEARS

Summary of the First 13 Years

Fluor Engineers and Constructors Irvine, California (July 1975 to June 1985). Mr. Hallock's roles included assignments as a cost estimator, project controls engineer, contracts administrator, and contracts manager. Over the course of ten years, five years in South Africa on the SASOL II coal to liquids plant; one year in the Netherlands on the Exxon Flexi Coker Project; three years in a Japanese shipyard as the Contracts Manager on a module assembly project which was part of the Saudi Petrochemical Project being constructed in Jubail, Saudi Arabia; and two years in Everett, Washington as the Contracts Manager constructing oil and gas production modules for Conoco's Milne Point Project on the North Slope of Alaska.

Bechtel Group Inc. San Francisco, California (July 1973 to July 1975) Mr. Hallock was employed as a project cost and scheduling engineer in the Refinery and Chemical Division of Bechtel in San Francisco, California, USA. With Bechtel, Mr. Hallock worked on the Allied General Nuclear Services Nuclear Fuel Reprocessing Project in Barnwell, South Carolina, USA; Exxon's Nuclear Fuel Reprocessing Project in Knoxville, Tennessee, USA; and Syncrude's Tar Sands Project in Fort McMurray, Alberta, Canada.

ACADEMIC PAPERS

- On behalf of "What Have We Learned from Megaprojects?" 8th International Society of Construction Law Conference Chicago, IL, USA September 26-28, 2018.
- "Teaching Caterpillars to Fly – Managing Change vs. Administering the Change Order Process," Webinar, June 13, 2010.



- “Trends Influencing Project Controls and Management Systems,” Construction Industry Institute Annual Meeting, Keystone, Colorado, August 2008.
- “The Great Debate-Window Analysis vs. Time Impact Analysis (Evaluation) A Better Path for Retrospective Delay Analysis,” Construction Super Conference, San Francisco, California, December 2007.
- “The Great Debate-Window Analysis vs. Time Impact Analysis (Evaluation) A Better Path for Retrospective Delay Analysis,” AACE International Transactions, Nashville, Tennessee, July 2007.
- “Change Management: Managing Change vs. Administering the Change Order Process,” ASCE Florida Section Annual Meeting, Fort Lauderdale, Florida, August 25, 2006.
- “The Saudi Petrochemical Project Cultural, Linguistic, and Geographical Challenges on a Major International Project,” Scheduling the Next Generation, Project Management Institute College of Scheduling Conference, Orlando, Florida, April 23 - 26, 2006.
- “Change Management,” Part 1 of a 3-Part Series, Comments, October 2004.
- “Partnering, a Total Quality Management Approach to Construction,” Denver Chapter of the Construction Specifications Institute, April 1994.
- Facilitator, Two Partnering Workshops, “Installation of Low NOx Burners and Condenser Re-tubing,” Public Service of Indiana, August and September 1993.
- Facilitator, Partnering Workshop, “Reconstruction of a Major Urban Highway,” Indianapolis Department of Transportation, August 1993.
- “Partnering, The Alternative Disputes Resolution Process of Choice,” ACPA Denver International Airport Seminar, June 1993.
- Panel Member, “The Disputes Resolution / Partnering Continuum,” ACPA Colorado / Wyoming Chapter Annual Meeting, February 1993.
- Chair and Presenter, “The Role of the Expert in Alternate Dispute Resolution; The Selection and Management of the Consultant in Construction Disputes,” Construction Disputes and Alternate Dispute Resolution, November 1989.