



KEITH D. HORNBACHER, M.B.A.



Mr. Hornbacher is a Principal Consultant with Long International and a Schedule and Cost Risk Analyst affiliated with Hulett & Associates, LLC. For over 30 years, Mr. Hornbacher has implemented quantitative schedule, cost, and integrated cost-schedule risk analysis, while ensuring project scheduling best practices are in place. He has conducted many risk analyses to quantify risks and evaluate their implications for project cost and schedule. In the process, he has performed many schedule assessments. He has experience applying Risk Drivers to large, multi-year projects leading to proactive risk mitigation planning for better project results. The client learns from these analyses: the probability of achieving cost and schedule objectives with existing project plans; the amount of time and cost contingency required for a desired level of confidence; which risks drove results; and the priority of response actions to address risks.

As a senior third-party risk analysis and planning specialist, Mr. Hornbacher has held project risk management and controls positions during the extension and expansion of Northern Border Pipeline Company's natural gas transportation system. For Raytheon, an aerospace and defense company, he performed as the Program Risk Manager on the U.S. FAA's Wide Area Augmentation System (WAAS), a NextGen air traffic management system. In addition to his role as a senior consultant, Mr. Hornbacher is starting his fifteenth year as Affiliated Faculty in Organizational Dynamics Graduate Studies at the University of Pennsylvania, where he presents seminars and clinics on managing project risk, uncertainty, and the unexpected. Graduate students learn how to utilize best-in-class quantitative risk analysis tools and methods in his clinics.

EDUCATION

M.B.A., Minnesota State University, 1982

B.S., Iowa State University, 1963

PROFESSIONAL AFFILIATIONS

Association for Advancement of Cost Engineering (AACE) International, member, contributor, and author
University of Pennsylvania, School of Arts and Sciences, Organizational Dynamics Graduate Studies,
recently Affiliated Faculty

Geisinger Commonwealth School of Medicine, Adjunct Assistant Professor in Graduate Studies

Project Management Institute (PMI), member, contributor, leadership, and presenter roles

American Society for Quality (ASQ), contributor and presenter

Institute of Industrial and Systems Engineers (IISE), Life Member

Institute of Electrical and Electronics Engineers (IEEE), presenter and workshop contributor

International Cost Estimating and Analysis Association (ICEAA), member and workshop presenter

International Council on Systems Engineering (INCOSE), Past Director–Northstar Chapter, presenter

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