

## George Wall

George is the Managing Director of Asgard Project Solutions and a practising Expert Witness. He advises clients internationally on dispute resolution, project and program delivery, project turnaround, contractual and commercial risks and due diligence. He has over 20 years of experience with a particular focus on Heavy Infrastructure, Oil & Gas, Mining and Commercial Buildings throughout Asia, the Middle East, Europe and Africa. He also frequently speaks at industry events. George has a technical background and significant ongoing practical experience of major projects. This practical foundation enables him to both develop and analyse fully resource loaded programs as well as as-built programs, which feeds into the identification of both causes of delay as well as the subsequent effects. His experience on major international assignments includes working with both Employers and Contractors on the efficient planning and management of multi-billion dollar multi-disciplinary projects from inception through to final completion. George has extensive experience of the development and review of delay claims, assessment of project progress, programs and supporting documentation to establish the extent of delays, disruption, and acceleration. George has been responsible for a number of international and domestic appointments on major construction projects as an expert advisor and Expert Witness, including:

- Singapore – Party appointed expert for an SIA Arbitration, related to technical issues and defects, delays and costs on a building project.
- Hong Kong – Party appointed delay analysis expert for an HKIAC Arbitration, related to infrastructure and building works for a project in Hong Kong.
- Singapore/Thailand – Expert forensic delay analysis for a major offshore drilling contractor, in the bay of Thailand, in preparation for arbitration.
- Japan – Detailed construction planning and commercial evaluation for a hotel development at a major ski resort.
- Taiwan – Expert forensic delay analysis and claim

preparation for a Japanese contractor on the High Speed Rail project as part of an international arbitration.

- West Africa – Expert forensic delay analysis on a gold mine for a London based Technology & Construction Court directed mediation

#### Professional History

- Asgard, Hong Kong & Singapore
- Systech International
- Leighton Asia
- Leader Civil Engineering
- Mouchel
- Zen Pacific Civil Contractors
- Taylor Woodrow

#### Professional Associations

- CEDR Accredited Mediator
- KLRCA Arbitration, Mediation
- FCI Arb, Fellow of the Chartered Institute of Arbitrators
- AMAE, Practicing Associate of the Academy of Experts
- MICE, Member of the Institution of Civil Engineers
- CEng, Chartered Civil Engineer; Engineering Council, UK

#### Specialties / Expertise

- Expert Witness: Delay
- Arbitration, Mediation
- Claim identification and drafting
- Forensic Delay Analysis
- Quantity Surveying
- Program Development
- Project Turnaround

## Education

- BEng (Hons) in Civil Engineering
- Post Graduate Diploma in Arbitration
- Master of Business Administration (MBA).

## SELECTED EXPERIENCE

### HEAVY INFRASTRUCTURE

- Central to Wan Chai By-pass Tunnels, Hong Kong; provision of construction planning and contract risk analysis for the development of extension of time claims associated with the reclamation and diaphragm walling component of this part of the Central to Wan Chai By-Pass Tunnels.
- XRL Railway Tunneling Contracts, Hong Kong; appointed by three separate contractors to three different sections of Hong Kong's High Speed Rail Link (XRL) to mainland China. Completed reviews of contractors planned sequence of works and baseline programs as well as detailed forensic delay analysis in support of the extension of time claims being developed by the contractors as part of the mediation process.
- Stonecutters Bridge, Hong Kong; one of the Experts appointed by the international joint-venture to carry out forensic delay analysis associated with the various heads of claim on the project, ranging from design changes to material availability.
- Circle Line Construction, Singapore; re-writing the construction program for the contractor to provide a more accurate forecast of the completion dates as well carrying out detailed delay analysis to support the various heads of claim that were being pursued on the project; resulting in an acceptable settlement.
- Taiwan High Speed Rail, Taiwan; appointed by the Japanese led joint-venture to establish the impact of various changes to the project, especially with regard to a number of the depots. The analysis formed part of the detailed submissions and evidence presented during the international arbitration.
- Eagles Nest Tunnel, Hong Kong; part of the turnaround team, re-wrote the baseline program for the project and then carried out a series of detailed delay

analyses to justify extensions of time to multiple key dates. The delay analysis and associated documentation was used as part of the mediation process.

- Highway Improvement & Noise Barriers, Hong Kong; detailed construction planning and sequencing for the retro-fit of a series of noise barriers along one of Hong Kong's primary expressways. This was followed up with the development of a number of heads of claim associated with changes to the project scope and potential design defects.

- Lok Ma Chau Spur Line, Hong Kong; development of detailed construction sequencing and resource planning for the eastern approaches to this critical extension to Hong Kong's primary connection to mainland China.

- Short Piling Scandal, Hong Kong; one of the team of Experts working on this major arbitration looking at the implications of remedial works as a consequence of fraudulently short piles on a high rise project in Hong Kong.

- Pipe-jacking, Airport Railway, Hong Kong; involved in a series of pipe-jacks, for water mains, beneath Hong Kong's live airport railway. This entailed all of the design works associated with the jacking and reception pits as well as the survey control and commercial aspects of the operation. The presence of unforeseen ground conditions and an existing sea-wall resulted in a significant delay and cost overrun to the project for which time and cost claims were prepared.

- West Rail Station Construction, Nam Cheong Hong Kong; detailed construction planning for one of the largest stations on Hong Kong's West Rail System. This involved significant underground excavation, major temporary works and a substantial number of interfaces with various railway operating system contractors.

- Reclamation and Marine Port, Pearl River Delta, Hong Kong; detailed construction planning and sequencing for both the earthworks and reclamation followed by all of the services installations on this new port development on the periphery of Hong Kong.

- Mobile Telephone Network Construction, United Kingdom; site management for the construction of a mobile telephone network throughout the northwest of England as part of the initial roll-out of mobile technology in the United Kingdom.

- Highway realignment, United Kingdom; site management for the realignment

and reconstruction of components of a major ring road in the northeast of England.

#### OIL & GAS

- Gas Compression Facility and Accommodation Camp, Algeria; contracted to a consortium of national and transnational oil companies to carry out a detailed forensic delay analysis to establish delays associated with unforeseen events.

- Turnaround Project Management, Singapore; contracted to turnaround a drilling rig refurbishment project. The project was in serious difficulties, both in terms of time and budget. A new execution strategy was developed along with a revised budget and schedule. This ensured that the project was delivered on time, ready to commence drilling operations in Myanmar as scheduled.

- Drilling Rig Upgrade for the Itchys Project, Singapore/Australia; contracted to provide construction oversight, project planning and risk mismanagement to ensure a high degree of confidence in the completion of the project.

- FPSO Conversion, Singapore / India; forensic delay analysis to support the award of an extension of time as well as well as analysis to justify the additional costs associated with delays to the project due to significant design and scope changes.

- Fleet of 4 Jack-up Drilling Rigs, Singapore; contracted to a world leading offshore drilling contractor for the project oversight and program management for the construction of a fleet of 4 jack-up drilling rigs.

- Fleet of 7 Semi-submersible Drilling Rigs, Singapore; contracted to a world leading offshore drilling contractor for the project oversight and program management for construction of a fleet of 7 deep sea semi-submersible drilling rigs. This included a complete revision of the reporting structure and fundamental changes to the interaction with the shipyard.

- Drilling Rig Upgrade for Saudi Aramco, Dubai; detailed construction planning, which included resource loading, for a major drilling rig upgrade project to ensure compliance with client specific requirements.

- Sub-Sea Pipeline Laying, Thailand. Contracted to a multi-national offshore pipe laying contractor. The assignment required detailed forensic delay analysis and associated claim preparation relating to an insurance dispute and restricted access to a working platform in the bay of Thailand.

## BUILDING

- Residential Piling, Connaught Road, Hong Kong; forensic delay analysis of the impact of unforeseen ground conditions and design changes on the piling and foundation works associated with a residential development in Hong Kong as part of a claim for additional costs and an extension of time.
- Disney Land, Hong Kong; re-construction of an as-built program, based on site records, and forensic delay analysis of the impact of design changes to the project in support of claims for additional time and additional payments being pursued through a Hong Kong based mediation.
- Ocean Park, Hong Kong; development of a resource loaded baseline program and monitoring arrangements associated with the redevelopment of a number new attractions at Ocean Park.
- Chep Lap Kok Airport, Terminal 2, Hong Kong; , detailed forensic delay analysis associated with all of the works at the Terminal 2 construction project, including the use of measured mile techniques, for a Hong Kong based mediation.
- International Commerce Centre, Hong Kong; contracted to a major Hong Kong based subcontractor responsible for all of the HVAC installation within this landmark development. Responsible for carrying out a detailed review of existing programs to establish the status of the project followed by a forensic delay analysis of work complete to date to identify the impact of changes to the project. In addition, carried out a review of letting and sub-contracting processes on the site to establish if there had been any fraudulent activity.
- Shopping Centre Construction, United Kingdom; site management for the reinforced concrete frame and structural steel elements of this city centre shopping development.

## MINING

- Gold Mine, Burkina Faso, West Africa; contracted to an EPC contractor for a London based Technology and Construction Court directed mediation to carry out a detailed forensic delay analysis associated with the construction of a gold processing plant in West Africa to establish and justify reasons for the time and cost overruns at the facility.

- Coal Mine, Queensland, Australia; detailed construction planning, for design and execution phases, for the infrastructure associated with a new coal mine development. Including major earthworks, rail spur, camp facilities and all of the coal handling equipment.