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Christopher Caswell
Consultant (Planning & Delay Analyst)

KEY EXPERIENCE

Chris is a planning engineer with over thirty years' experience on major civil engineering projects in the UK and Hong Kong. He has experience in planning at all stages of the construction process and now focuses primarily on delay analysis and EoT claim preparation both during the currency of the project and for negotiations and dispute proceedings. Chris' experience covers major bridge, tunnel, road and heavy building projects for various contractors and consultants.

CAREER SUMMARY

2012 to date – Consultant, Contract Dispute Consultants, Hong Kong

Chris has undertaken various assignments including:

- Retrospective delay analysis of events impacting the construction of a major airport terminal building;
- Analysis of additional time arising from disputed compensation events related to physical conditions and instructions for a contractor constructing a sewage treatment plant arising from ground conditions and variations under an NEC4 Option C Target Cost contract;
- Preparation of analysis for additional time for a contractor on the construction of tunnel ventilation buildings and fitting out works under an NEC3 Option C Target Cost contract;
- Analysis of delay for a residential development impacted by events during basement excavation;
- Preparation of an EoT for events affecting a basement piling and excavation contract for a future residential development;
- Providing ongoing contractual advice to a Hong Kong contractor involved in the construction of a major airport project focussing on fabrication and erection of the roof steelwork and including preparation of EoT submissions. He subsequently provided delay support to the overall team on historic delay issues;
- Support to a contractor in negotiating an EoT for a luxury hotel development;
- Providing assistance to a contractor developing and strengthening extension of time claims on a large technology manufacturing centre and associated infrastructure;
- Programme and delay support to a design build contractor on an LRT project in Canada;
- Delay analysis for a contractor involved in an airport terminal refurbishment project;
- Delay analysis on a high-profile cultural development including unforeseen ground conditions affecting the basement construction and design issues on the superstructure contract;
- Delay analysis on a high-end office and commercial development;
- Delay analysis on a residential urban renewal project;
- Programme and EoT advice on a luxury residential project;
- Programme and EoT advice on a large-scale, high-rise residential development.
- Delay analysis on a luxury hotel development;
- Delay analysis for a contractor on a luxury residential development;
- Review of delays impacting the construction of a large public housing estate;
- Assistance to a contractor on the re-programming of the works for a large water theme park to mitigate delays to the Works in support of a supplemental agreement;
- Preparation of a windows analysis comparing delays on various critical paths for an airport terminal project to identify periods of concurrent delay and providing support to the contractor's team in a major mediation;
- Preparation of delay entitlement programmes for the fabrication and erection of a steel roof for an airport terminal building including preparation of presentation materials to support negotiations;
- Preparation of an independent report to analyse the delays arising from the structural failure of a roof level structure on an office building in Perth in support of mediation proceedings;



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- Identification, review and preparation of delay assessments for steel column fabrication and erection activities on a major railway station; and
- Assessment and quantification of delay events on the progress of the works for a major cable stayed bridge in preparation for arbitration proceedings and in support of the planning expert. Chris has liaised with the claims, legal and quantum teams as well as the planning expert in preparing his analyses.

2007 to 2015 – Director, CC Programme Services, Hong Kong

Chris established his own company offering planning, delay and programme services to various clients in the construction industry. His projects included the following:

- **HATS tunneling project** - researching data and preparing delay programmes.
- **Ocean Park Redevelopment Project** - preparation of claims programmes and other supporting documentation.
- **Wanchai/North Point Sewerage Tunnel Project** - preparation of as-built programmes and time chainage programmes to analyze the effect of delays to the progress of the project.
- **Eagle's Nest Tunnel Project** - involvement in further discussions and analysis of prolongation issues.
- **Tamar Government Project** - reviewing the impact of late access on the progress of the E&M installation works.
- **Sewage treatment works** - preparing EoT demonstration programmes.
- **Stonecutters Bridge** - position of Planning Manager. Duties involved the development and submission of contract programmes, the preparation of monthly reports and board reports, and the development of programmes to demonstrate EoT entitlement.

Following the formation of his own company Chris continued to work on the Eagle's Nest Tunnel Project preparing delay demonstration programmes.

2000 to 2007 – Planning Engineer, Kumagai Gumi Hong Kong Ltd., Hong Kong

Chris undertook planning works and delay analysis for various projects, with responsibilities including:

- Working at head office on prequalification and tender programmes for a variety of large infrastructure projects and also prepared EoT programmes for the Waterfront property development at Kowloon Station.
- Senior Planning Engineer – Kowloon Tong Station Interchange.
- Preparation of the tender programme for the construction of an underground concourse and subway connection between two existing stations. Following the award of contract Chris dealt with all aspects of programme development, approval and monitoring, and was heavily involved in the preparation of programmes for claim related issues.
- Senior Planning Engineer – Eagle's Nest Tunnel. Chris joined this major drill and blast tunnel project at an early stage and dealt with a variety of programme related tasks through to completion. These works also included the development of programmes for building construction, slope stabilization and utility installations. Later in the project he was responsible for analyzing claims using both collapsing and impacting techniques.

1998 to 2000 – Senior Planning Engineer, Kvaerner Construction, Channel Tunnel Rail Link, UK

Working within a team of planning Engineers Chris developed programmes for the relocation of a rail sidings and construction of a railway viaduct. Responsibilities included detailed progress updates that were linked to earned value reporting systems.

1997 to 1998 – Senior Planning Engineer, Siemens, Hong Kong International Airport

Chris was responsible for maintaining and developing the installation programme for the airport telephone system and assisting with the preparation of claim documents. He was also responsible for coordinating and supervising the installation and testing of the handsets throughout the terminal.

1996 to 1997 – Planning Engineer, Nishimatsu Costain JV, Hong Kong International Airport, Hong Kong

Chris was responsible for the preparation of programmes for the construction and installation of roadworks, utilities and services on the Landside Infrastructure project.



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1995 to 1996 – Planning Engineer, Ting Kau Contractors JV, Ting Kau Bridge & Approach Viaducts, Hong Kong

Chris developed and updated the works programme for all elements of the construction of a cable stay bridge and approach viaducts. He was employed on the project through the stages of foundation and tower construction and at intervals also worked on site, supervising pilecap concrete pours and slipforming operations for the end piers.

1994 to 1995 – Planning Engineer, Campenon Bernard/Franki JV, Route 3 Kwai Chung, Hong Kong

Chris was responsible for the preparation of the monthly progress reports and progress photographs for the construction of this major road and rail viaduct. This included update and development of the works programme using Primavera P3 software.

1990 to 1993 – Technician, TransMancheLink JV, Channel Tunnel UK Terminal, UK

Chris was based at the UK terminal site, and spent a year involved with land surveying and setting out works, followed by a year working within the planning department preparing and monitoring programmes for roadwork and utility installation. The final year was spent supervising subcontractors responsible for the installation of ductwork and cable laying works.

ACADEMIC QUALIFICATIONS

ONC Building Studies

OTHERS

Primavera P3 and P6

CONTACT DETAILS

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