

**Chris Dean** BSc (Hons) ACI Arb

Partner

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## PROFESSIONAL DETAILS

**Introduction** With over 15 years of experience in construction delay analysis on claims ranging in size from £1m residential refits to \$300m power station disputes, Chris has detailed knowledge of the techniques and skills required to undertake detailed forensic analysis. Having worked for both claimants and respondents in a variety of different construction disputes, Chris has extensive experience of the processes involved in many dispute resolution methods including adjudication, arbitration and litigation.

Chris has produced delay and disruption claims to support contractor claims for extensions of time on large EPC projects, all of which have led to successful resolutions for the contractor. In support of these claims, Chris has acted on behalf of the contractor in negotiation meetings, both putting forward and defending the contractor's position. Supporting the contractor's claims has given Chris a valuable insight into the challenges that contractors face when delivering large EPC contracts.

Chris has carried out many different types of delay analysis including as-planned versus as-built, as-planned impacted and a number of large complex time-impact analyses, both supporting claims for extension of time and defending them. These have been supported by written reports capable of withstanding cross-examination.

In addition to forensic delay analysis, Chris is also familiar with the application of 4D planning which he has successfully used to illustrate critical delay.

Chris co-presented the 2017 Practical Scheduling Delay Analysis course hosted by Asta PowerProject and has presented training courses on delay and disruption to clients in Spain.

**Qualifications** BSC (Hons) in Geographic Information Systems  
Introduction to Commercial Dispute Resolution  
Bond Solon - Excellence in Report Writing  
PRINCE 2 Project Management

**Associations** Associate of the Chartered Institute of Arbitrators

## EXPERIENCE

### Appointments as Delay Expert

- Office fit-out, London. Appointed as delay expert to support a claim for an extension of time with regards to an internal fit out for a major clothing company. The dispute concerned the refit of new London headquarters including core building and M&E works. This required the production of a high level delay analysis, an expert report and oral evidence at the Adjudication hearing.
- Concentrated Solar Power Plant (CSP), North Africa. Appointed as delay expert to provide opinion on the causes of delay for submission to a Dispute Resolution Board. Acted on behalf of one of the main contractors, who were part of a joint venture, in establishing how much delay each of the parties were responsible for.
- Concentrated Solar Power Plant (CSP) 100MW, South Africa. Appointed as delay expert to support a claim for an extension of time for submission to a Fast Track Dispute Resolution service. The claim was supported by a time impact analysis to demonstrate delays in the engineering phase. Oral evidence given.
- Residential fit-out, London. Appointed as delay expert in an adjudication to respond to an extension of time claim from a subcontractor for delays to the fit out of a high-end residential development in Central London.

### Appointments as Claims Consultant

- Concentrated Solar Power Plant (CSP), North Africa. Acted for the contractor in the production of a consolidated claim for delay and disruption for two CSP projects in North Africa (200MW and 150MW). The claims focused on critical delay to the construction works and a disruption analysis of the engineering works. Both claims resulted in successful resolutions for the contractor.
- Concentrated Solar Power Plant (CSP) 100MW, South Africa. Acted for the contractor in the production of numerous claims for delay and disruption, including a detailed time impact analysis to support several extension of time submissions. The claims submitted resulted in a successful resolution for the contractor. Other tasks included carrying out a schedule performance assessment to ensure that the current project schedule was accurately reporting the most likely completion date.
- Polythene Plant, Czech Republic. Advice to the employer with regards to project progress and delays. This included periodic progress assessments and productivity analysis, defending the employer from claims issued by the main contractor and advising the employer of existing delays and likely areas of risk.

### Providing assistance to Delay Expert in carrying out forensic delay analysis and preparation of expert reports or claims

- Smelting Plant, Saudi Arabia. Acting for the contractor in preparing a claim for extension of time to the construction of a new ilmenite smelting facility in Saudi Arabia.

- Concentrated Solar Plant (CSP), Israel. Acting for the main Contractor in arbitration proceedings in response to a claim from a Subcontractor for delays to the construction of the main piping systems in the Power Block and SRSG (Solar Receptor Steam Generator). The project analysis required a detailed understanding of the different welding techniques in order to determine the actual causes of delay to the project.
- Concentrated Solar Plant (CSP), Israel. Acting for the main Contractor in arbitration proceedings in response to a claim from a Subcontractor for delays to the construction of a 250m high concrete tower. The project required a windows type delay analysis over a period 24 months.
- Athletes Village, London. Analysis and response to contractors claims on behalf of the responding party, relating to delays to the concrete frame construction of 14 new accommodation blocks. Duties involved carrying out a windows type critical path analysis of the contractor's claims for delay on the construction of the Athletes Village, a key part of the London Olympics infrastructure.
- Coal fired power station, Philippines. Provided assistance to the appointed expert in relation to a delay assessment on behalf of the respondent, due to delays caused by boiler foundations defects. The response included an analysis of the claimant's delays and submission of an alternative windows type delay analysis identifying the actual causes of delay.
- Hotel and Spa, UK. Construction and refit of an existing building to become a luxury hotel and spa. Acted on behalf of the sub-contractor in response to delays from the main contractor. Responsibilities included recreating a baseline programme suitable for a delay analysis, identification of delay events, a detailed analysis of contractor records and a windows type analysis to determine the contractor's entitlement to an extension of time.
- Berthing Jetty for LNG maritime facilities, Chile. The project included construction of a new 1.6km long jetty and berthing facilities for LNG tankers. Working on behalf of the sub-contractor, duties included producing a critical path analysis and expert report to demonstrate an entitlement to an extension of time to 5 key milestones.
- Marine Berthing Facility, UK. Analysis of delays to a new floating jetty designed for a new fleet of nuclear submarines for the Ministry of Defence. Duties included a detailed review of contemporaneous documents, electronic programmes and as built data to identify the critical causes of delay in response to a claim for an extension of time in excess of 4 years including additional costs.
- Commercial Offices, London. Construction of the headquarters for a worldwide organisation based in London. Duties included the production of a revised baseline programme to assist the main contractor in monitoring the progress of cladding works on behalf of the sub-contractor.
- Nuclear Power Station, Canada. Analysis of large, complex construction and commissioning programmes identifying alternative causes of critical delay to the completion of a nuclear power station refurbishment in Canada. Total value of the claim was in excess of \$330m.
- Guided Busway, UK. Construction of a 18km long guided busway linking 2 large UK towns. Worked on behalf of the respondent assessing compensation events from the main contractor. Work included producing a detailed delay analysis of the contractor's delay events and an expert report in preparation for potential adjudication.

- Offshore Windfarm, UK. Detailed analysis of contemporaneous records and programmes to assess critical delay to completion of a windfarm project in the UK.
- Multi-block mixed use development, London. Working on behalf of the main contractor, carried out critical path analysis in response to a claim for an extension of time from the cladding sub-contractor. Work included critical path analysis of both sub-contractor and main contract delays to determine entitlement.
- Multi-block mixed use development, Abu Dhabi. Analysis of critical and non-critical delays in preparation of claim documents to support extension of time claim for the main contractor.
- Hydroelectric Plant, Peru. Assessment of project programmes and contemporaneous documents to support extension of time claim for main contractor related to delays in the tunnel construction.
- Power and Desalination Plant, Sultanate of Oman. Assisting the appointed expert giving advice and reports to a Korean contractor regarding delays incurred on a desalination and power plant in the Sultanate of Oman, leading to submission of detailed claim for deferral of milestone dates and relief from liquidated damages, prior to submission to expert determination.
- Yuncan Hydropower Project, Peru. Detailed assessment of contemporaneous project data and construction of a windows based delay analysis to support clients claim for extension of time estimated at \$50m.
- Housing Scheme, Dublin, Ireland. Analysis of contemporaneous data to construct a comprehensive as built programme for the construction of 110 new houses/apartments in Dublin to support an extension of time claim.
- Water Treatment Processing Plant, UK. Acting for the contractor assessing alleged delays in excess of 700 days at a cost of £9m on the construction of new waste water treatment works. Identification of employer and contractor delays and a full time impact analysis over 48 months for the sludge treatment and flow control parts of the site.
- BTC Oil Pipeline, Turkey. Delay and disruption programme analysis in support of the client's defence to claims for an extension of time. This included analysis of delays to pipeline installation and the M&E works in the pumping stations.
- Barnet PCT Edgware Hospital. Critical path analysis based on as built records and monthly progress reports.
- Royal Berkshire Hospital, Reading. Programme logic and sequence analysis for a major hospital scheme identifying changes and alterations between programme revisions as submitted as part of a claim.
- Community Centre, UK. Delay and disruption programme analysis for assessment of extension of time on the construction of new community centre on behalf of the respondent.
- Commercial & Residential Building, London. Producing as planned and as built programmes combined with delay analysis for a residential and office refurbishment works in London.