



BACKGROUND

Senior Planning and Costing engineer
Experience in a wide variety of fields including Mining and Metals processing, Materials Handling, Coal Preparation Plants, Ship Building, Defence, High-rise Building and Construction and Hospitals.

Areas of particular expertise include developing detailed programs and reporting the information requiring proficiency in;



- Scheduling Software - Primavera P3 version 3.1 and P3e version 4.1, Primavera Suretrak, MS Project, Artemis Views, and OPP.
- Interfacing SAP with P3.
- Computer Skills - MS Office Suite (Access, Excel, Word, PowerPoint)
- Data Collection - Ability to ask the right questions to obtain quickly details required to produce programs and reports based on time, cost and resourcing.

QUALIFICATIONS

- Fractional Appointment – Bachelor of Building - Newcastle University
- Structural Engineering and Mechanical Engineering, Newcastle TAFE
- Associate Diploma in Business (Commercial Data Processing) (Computing), Newcastle TAFE
- Trade Certificates – Mechanical and Electrical

AFFILIATIONS

- Australian Institute of Project Managers (AIPM)
- Master Builders Association (MBA)

CAREER DETAILS

Jan 2003 - Present **CONSULTANT PLANNER**

Jan 2007 – Ongoing Roche Mining
Contract Planner (\$70mil)

Cost and planning assistance for Hunter Valley Liddell and Mt Owen Coal Mines capacity upgrades of Coal Handling Preparation Plants.

Oct 2004 – Ongoing Anglo Coal / BMA Global
Contract Project Controls & Planning (\$600mil)

Cost and planning assistance from Feasibility Study through to Project Completion. Starting with detailed estimates from various companies in very different formats, developed a full project estimate that enabled gap analysis, risk assessment, contingency, escalation in an easy to interrogate format. This estimate was then used to seek Board Approval and defines the Project's baseline schedule.

Project Management

Study Management

Engineering Management

Owner's Representative

Project Review and Audit



CAREER DETAILS (continued)

Oct 2004 – Ongoing Anglo Coal / BMA Global
Contract Project Controls & Planning (\$600mil)

Cost and planning assistance from Feasibility Study through to Project Completion. Starting with detailed estimates from various companies in very different formats, developed a full project estimate that enabled gap analysis, risk assessment, contingency, escalation in an easy to interrogate format. This estimate was then used to obtain Board Approval and defines the Project's baseline schedule.

Oct 2004 – Ongoing WorleyParsons NSW
Contract - NSW Project Controls Manager

As NSW Project Controls Manager to implement and maintain the WorleyParsons Cost Management Tool called "InControl" across all projects within NSW (over 400 projects). Responsible for the training of existing and new users, and to report the health of all projects to senior management.

Oct 2004 – Oct 2005 Shell Oil / AJ Mayr
Contract Planner (\$42mil)

AJ Mayr was contracted to fabricate and deliver 39 individual preassembled Oil and Gas modules for two of Shells refineries (Geelong and Clyde). These modules combined Fire Rated & Galvanised Structural Steel, Vessels, Pipework, E&I.

The Company had to increase its original workforce 10 fold and maintain safety and quality to the highest standards.

Jan 2002 – Jan 2004 Inco Goro Nickel Project
Lead Planner (\$3mil USD)

Development of the overall schedule from a Level 2 to a fully integrated Level 3/4 (EPC).

Management of 12 planners from different backgrounds and skill levels to develop a fully integrated Primavera schedule. This schedule consisted of 16,000 activities (as 16 sub projects) and included Engineering, Procurement, Contracts, Permits, Construction and Commissioning.

Apr 2003 – May 2003 NeWeipa Project
Contract Planner (\$180mil)

Developed a resourced Level 3 EPC schedule from the original Tender program.

Produced and actioned a 90-day look-ahead, early works plan to show the effect that increasing scope was having on completion of the works within the project timeframe.

Oct 2001 – Dec 2001 Comalco Weipa
Sole Planner (\$18mil)

Worked in a small project Management Team (three people) on site, to push through 114 individual difficult Projects for Comalco, within a three-month period.

Developed and resourced the schedule in MS Project provided scheduling coaching to each of their team leaders and training of Engineers and Site Supervisors.



Jun 2000 – Oct 2001 PORT WARATAH COAL SERVICES
Schedule/Planner (\$345m project value)

Responsible for the maintenance of the Master Construction schedule.

The PWCS coal handling facility moves coal from the Hunter Valley via Newcastle Harbour. This project increased the loading capacity of this facility from 66Mtpa to 89Mtpa. One of the major challenges in this project was to integrate greenfield and brownfield work into an operational facility with minimal disruption to the 24-hour operation.

The scope included Engineering and drawings, Material delivery tracking, 10 new conveyors, 6 new transfer houses, 1 new shiploader, 1 new coal reclaimer and 2 new sample stations.

Feb 2000 – Jun 2000 FRIGATE UPGRADE PROJECT (FFG)
Schedule/Planner (\$1.2m total project value)

Assisted in the development of the Contract Master Schedule to gain approval from the Department of Defence.

Role was to review the rejected CMS and provide ways to satisfy the Project Authority (Commonwealth Government). I provided analysis of the schedule, the department structure and staff, and I made recommendations to improve the schedule. This schedule had over 4,000 tasks and involved 18 internal departments and 4 major subcontractors.

Feb 1999 – Jan 2000 WESTERN MINING CORPORATION – Brisbane based
Senior Schedule/Planner – Information Integrity Program
(\$150m total project value)

Responsible for the preparation and management of a \$150m project schedule to introduce a "SAP" database throughout Queensland mines and offices. The scope included the:

- Creation and maintenance of a detailed schedule to track the Build/Deployment/IT Infrastructure and Training of a major database installation throughout all WMC offices with source data coming from a New \$1b phosphate production plant in central Queensland.
- Fully resource the schedule with labour and budget, tracking performance via earned value analysis and by monitoring tasks (backlog allocated and unallocated workloads) – 130 resources over 11 months.
- Production of weekly task sheets emailed out to each team member to provide input for project performance assessment via Task Matrix and Earned Value analysis.
- Working with Senior IT Managers, Computer Engineers and Programmers, as well as all construction staff on the mine project.

Sep 1998 – Feb 2000 WESTERN MINING CORPORATION
Project Coordinator – Year 2000 Program (\$15m total project value)

Responsible for the implementation of WMC's Year 2000 Program throughout all WMC's Queensland mines and offices.

The scope included:

- Identification of Critical Business Processes
- Establishment and maintenance of a critical items inventory
- Risk assessment and remediation proposals
- Preparation of BCP's and Plans for the Day



Jan 1998 – Sep 1998 PORT WARATAH COAL SERVICES

Schedule/Planner – Berth K6 Expansion Project (\$89m total project value)

Responsible for the development of contract schedules for a joint venture company on behalf of PWCS. Berth K6 was constructed in a compressed program (from 18 months down to 12 months), remaining within budget.

The scope included:

- Dredging and reclamation
- Marine revetment
- Piling installation (steel pipe and RC)
- Concrete berth
- Ship loader, conveyor extension
- Services and ancillary civils

Jan 1996 – Jan 1998 ADI MINEHUNTER CARRINGTON

Contract Schedule/Planner – Integrated Logistics Support
(\$900m total project value)

Responsible for the development of all ILS schedules and the development of a 'Master Equipment List' database.

ADI was contracted to build and commission six Minehunter Vessels for the Royal Australian Navy.

Employed to create and maintain schedules using a specialised Scheduling Tool that reports to specialized Cost Analysis Software for Earned Value Analysis and project planning.

May 1993 – Jan 1996 HUNTER AREA HEALTH SERVICE AND GRIFFIN PROJECT PTY LTD
Project Manager \$40m total project value

Responsible for the co-ordination of all services and building trades on projects involving:

- Supervision of all labour and subcontractors
- Documentation preparation of all services items ie mechanical, electrical, hydraulic, fire
- Project planning and performance monitoring using project management software
- Weekly reports on project status for construction/client meetings.
- Some estimating and contract letting

Jul 1992 – Jul 1993 AE SMITH & SON (MECHANICAL)

Schedule/Planner & OH&S Co-ordinator (\$55m total project value)

Responsible for the forward planning of all AE Smith NSW construction sites using project management software. Assisted in the identification and substantiation of variations. Also handled all OH&S issues involving:

- Collection of relevant data to assist in the production of project management programmes/bar charts/labour and resource histograms.
- Project planning and performance monitoring using project management software
- 'Primavera 5.1 Finest Hour and later P3 for Windows
- Contract variation control and substantiation
- Labour forecasting



- Minutes of the Project Managers fortnightly meeting
- Management and co-ordination of all OH&S issues

Jan 1992 – Jan 1998 THE UNIVERSITY OF NEWCASTLE
Building Services and Scheduling - Fractional Appointment

Commission by Newcastle University to write text for the External Building Degree. Areas of writing include building services, project management, time management project planning, use of computers in estimating and planning

Jul 1991 – Dec 1991 AIRVENT MECHANICAL SERVICES
Overall Project Manager Construction and Services

Total services refit for the expansion of Telecom, TV/Radio transmission sites, NSW involving:

- Air conditioning/mechanical ventilation
- Electrical power and lights
- Major structural modifications and additions to the main buildings
- Design drawings for installation (mechanical/electrical/structural)
- Preparation of construction programmes using Project for Windows
- Procurement and management and co-ordination of labour and materials in remote locations, during harsh conditions
- Costing/variations controls/invoicing progress claims
- Preparation of maintenance manuals

Jan 1991 – Jul 1991 NSW PUBLIC WORKS DEPARTMENT - NEWCASTLE
Projects Planner and Consultant to the Earthquake Rectification Team
Structural Engineer

Project administration, inspection and documentation of earthquake damage to Hunter Schools and Police Stations involving:

- Preparation of detailed structural drawings recording proposed and 'as built' rectification
- Inspections on sites documenting actual damage and 'as built'
- Scheduling all projects within Government Departments (schools/police stations/libraries)

Jul 1989 – Dec 1990 D F MCCLOY'S PTY LTD
Services Engineer/Inspector

Mechanical services contracts management during the construction of the John Hunter Hospital (Newcastle) involving:

- Supervision of all services, labour and subcontractors
- Project planning and performance monitoring using project management software
- Co-ordination and minutes for all site meetings
- Preparation of defect lists
- Preparation of maintenance manuals
- Documentation and management of the rectification and final re-commissioning of all earthquake damaged services in the new hospital
- Co-ordination and management of all associated services and building trades labour during earthquake rectification



Dec 1983 – Jul 1989 JOHN CHURCH PTY LTD (MECHANICAL)
Engineer/Estimator/project Manager

Worked in the family company for 6 years. Initially a junior design engineer, gaining and developing skills in project management, estimating, planning, labour control, contracts management, variations, etc involving various contract clients:

- Family Law Court Newcastle
- T & G Building Newcastle
- Rundles Clothing Factory Kotara
- Hampson Pathology Laboratory Kotara
- Misc. offices and restaurants

Jan 1980 – Dec 1983 CROOKS MITCHELL PEACOCK & STEWART
Trainee Structural/Mechanical Engineer

Four years with CMPS. The last two years spent as an assistant to the Structural and Mechanical Inspectors, during the construction of the new Myuna Colliery, Wangi Wangi.