

BARON  POINT

PETER JOHN GREGORY

DIRECTOR

ENERGY AND CHEMICALS GROUP

PETERG@BARONPOINT.COM

OVERVIEW

Joining with Baron Point Group in 2015, Mr. Peter Gregory has over four-decades of mega-project experience in senior management roles at major companies. An expert in the oil, gas and energy sectors, he is particularly well versed in Middle East and Southeast Asia business. Prior experience includes being the President-Business Development for Punj Lloyd Ltd.



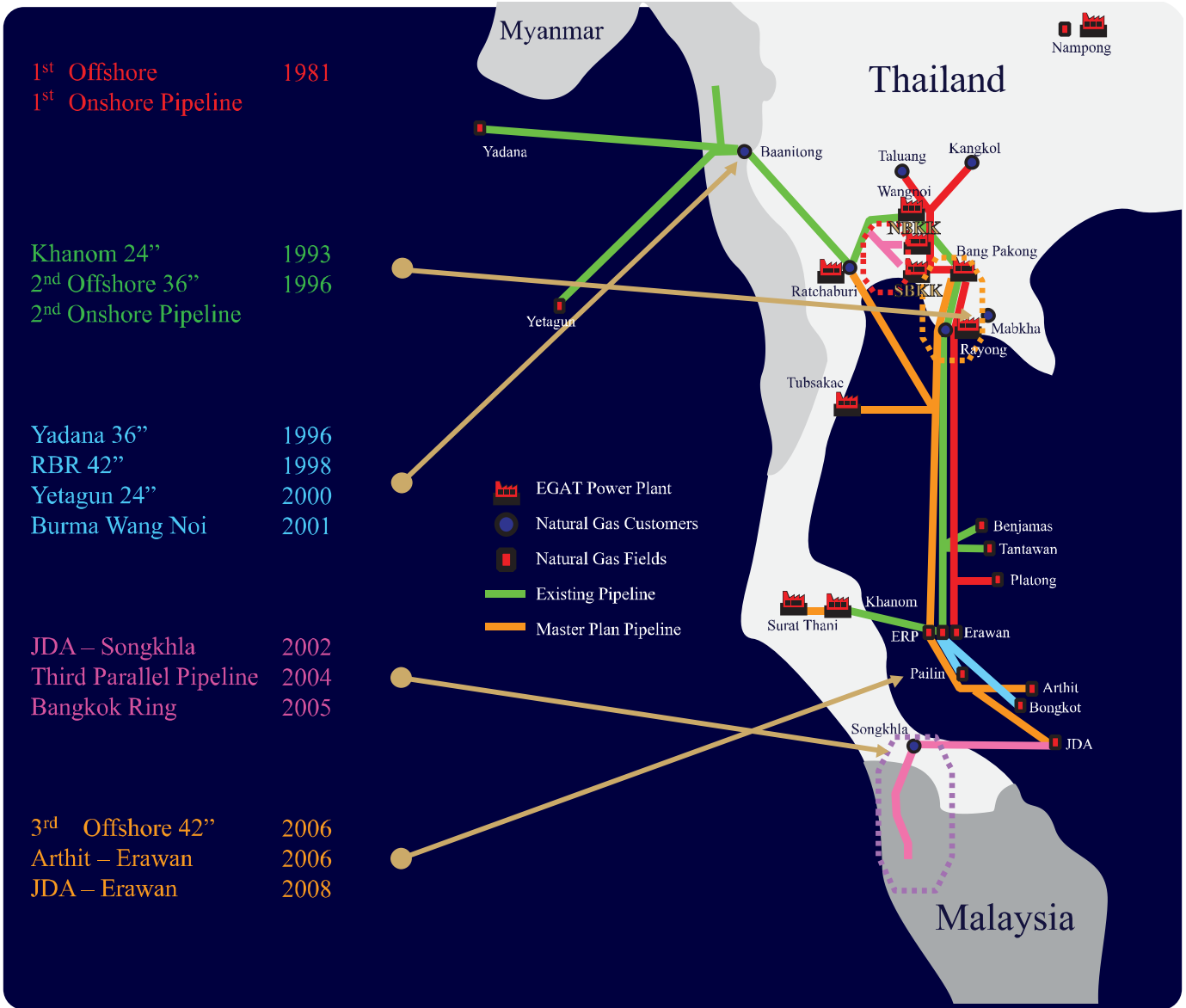
Britain's regulatory authority for registration of Chartered and Incorporated Engineers

- Accomplished and well-known with major oil, gas, and energy clients. Mr. Peter Gregory has **over four-decades of mega-project experience**
- In his past, he was **President - Business Development for Punj Lloyd Ltd.**, operating out of New Delhi and Malaysia
- Formally Mr. Peter Gregory was the **Chief Executive Officer of Nacap Asia Pacific Sdn. Bhd.** the regional headquarters for Nacap Asia Pacific where he established the first Nacap Company in Malaysia in 1996, as well as becoming the **Managing Director of Nacap Asia Pacific (Thailand) Co., Ltd.** In his roles at Nacap he was responsible for the successful development of Nacap's business activities throughout South East Asia, building the company into the leading major-regional pipeline and services contractor for over a decade
- In the 2000s he led a historic EPC effort for a PTT pipeline project whereby three of Thailand's landmark pipeline networks were built, all in parallel, achieving more than 600 km of pipeline with No Lost Time Incident ("LTI")
- The activities of Nacap in South East Asia, the Netherlands, Germany and Italy were **acquired by A. Hak B.V.**, a Baron Point joint-venture partner
- His carrier began in 1981 at **Costain Land & Marine Engineering, United Kingdom**, resulting in increasingly senior roles. By 1986 Mr. Peter Gregory assumed the post of **Operations Manager for Directional Drilling**, and by 1991, he was the **General Manager, Costain Oil, Gas & Process (Overseas) Limited for all of South East Asia**
- Mr. Gregory received a degree in Civil Engineering from Cranfield Institute of Technology, United Kingdom in 1971 and qualified in 1976 as a **Chartered Engineer registered with the Engineering Council, United Kingdom**



LANDMARK ACHIEVMENT

Trans Thailand-Malaysia Pipeline



- Total transmission pipeline network of 4,013 km
- Total capacity of 5,270 Million Standard Cubic Feet Per Day
- Pipeline projects included:
 - Trans – Thailand-Malaysia Pipeline
 - Third Transmission Pipeline
 - Sai Noi Bangkok Pipeline

No Lost Time Incident

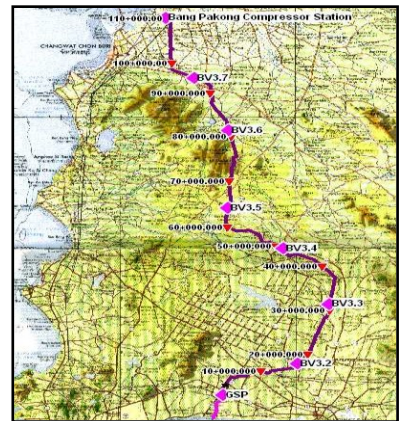


CASE STUDY: CHALLENGES OVERCOME IN THE TRANS THAILAND-MALAYSIA PIPELINE

- **Landfall** – Environmental & Community issues HDD Execution.
- **Pipeline** – Space constraints caused by Utilities resulting in change of methodology (Hwy 43).
- Unavailability of ROW, (i.e. **KP 48+000 to KP 52+000**).



- Working in “live” plant / Reduced space available on Gas Receiving Facilities (GRF) at GSP.
- Working Space Restricted by other land users i.e., EGAT on ROW.
- Future highway expansion / changes in ground conditions.



- Traverse swampy & waterlogged local rural areas (**20 Km**) in **EGAT ROW**.
- Section in Railway (**SRT**) Corridor.
- Route alongside major highways on approaches to the city centre through congested and densely populated areas (**22 Km**).
- Of **66 Km**, **48 Km** installed by HDD (**47 crossings!**).



PIPELINE ACCOMPLISHMENTS

Projects / Client	Country	Length	Diameter
Pipeline projects, 2006			
EPCC contract for Sai Noi - North/South Bangkok Power Plants Gas Pipeline Project (Sai Noi Project)	Thailand	67	30"
PTT Public Company Limited			
Third Transmission Pipeline Project (Rayong Bang Pakong)	Thailand	110	36"
PTT Public Company Limited		5	42"
Pipeline projects, 2004			
Trans Thailand Malaysia (TTM) Project Gas Pipeline EPC contract for the construction of a HP gas pipeline in Malaysia and Thailand TTM (JV PTT & Petronas)	Malaysia Thailand	240	36" 8"
Pipeline projects, 2003			
EPC contract for a gas pipeline from Sakernan to Kuala Tungkal, Jambi, Sumatra, incl. the construction of a fibre optic cable and 2 scraper trap stations Perusahaan Gas Negara JV with PT Thiess Indonesia	Indonesia	70	28"
Pipeline projects, 2001			
Turn-Key Construction of the Gas Pipeline Facility for the 1200MW Ilijan Natural Gas Combined Cycle Power plant, Batangas - Ilijan National Power Corporation, Philippines	Philippines	13	16"
Transmission and Distribution Project PERUSAHAAN GAS NEGARA (P.G.N.) 1998	Philippines	530	30"
PGU LOOP II Project 1999			
PETRONAS GAS BERHAD	Malaysia	250	30"



HORIZONTAL DIRECTIONAL DRILLING ACCOMPLISHMENTS

Projects / Client	Country	Description
South Sumatra - West Java Phase II Gas Pipeline Project Onshore Gas Transmission Pipeline Grissik to Pegardewa	Indonesia	From 400m to 863m 4", 36" Steel totaling 5 crossings
BP Tangguh GPF Pipelines and Submarine Cable Project	Thailand	1430m 10" Steel and 24" Clad pipe totaling 4 crossings
Sai Noi - North/South Bangkok Power Plants Gas Pipeline	Indonesia	From 382m to 2175m 6",30" Steel pipe totaling 47 crossings
Third Transmission Pipeline Project (TTP)	Thailand	From 376m to 700m 4", 36" and 6",36" and 42" Steel pipe totaling 9 crossings
TTM Onshore Pipeline Crossings	Thailand & Malaysia	From 178m to 971m 4",6",8" and 36" Steel pipe totaling 12 crossings
TTM Offshore Pipeline Shore Approach	Thailand	1447m 34" Steel
Tunu Phase 9	Indonesia	From 650m to 2001m 20" Steel pipe totaling 3 crossings
South Jambi B	Indonesia	478m 8" Steel
Mora Sojad Pipeline Crossing	India	300m 24" Steel
Baroda Ahmedabad Kalol Pipeline	India	From 302m to 1147m 24" Steel pipe totaling 4 crossings
Dahej Vijaipur Pipeline Crossing	India	394m 42" Steel
Panaran-Pemping Island Crossing	Indonesia	590m 28"+4" Steel
Paguthan – Baroda Pipeline	India	From 355m to 420m 24"+6" Steel pipe totaling 2 crossings
Selaya – Mathura Pipeline Crossings	India	545m 28"+3" Steel
Yong Hu Ning Pipeline Crossings	P.R. China	From 357m to 1140m 28"+5" Steel pipe totaling 7 crossings
Manmad-Kanpur Pipeline	India	1070m 14" Steel
Muthurajawela Tank Farm	Sri Lanka	From 350m to 820m 18" and 18"+2" Steel pipe totaling 2 crossings
Sakernan-Kuala Tungkal Pipeline	Indonesia	311m 28" Steel
KG-Basin Oil Pipeline	India	From 1710m to 1777m 18"+6" Steel pipe totaling 2 crossings
Installation of Pipeline Across Ganges River	Indonesia	from 340m to 1600m 20"+3" Steel pipe totaling 2 crossings
Bayan Lepas Cable Crossings	Malaysia	From 200m to 275m 6no. 150mm+2no. 50mm HDPE pipe totaling 2 crossings
IOCL Multiple Pipeline Crossings	India	From 240m to 995m 18" and 20" Steel pipe totaling 6 crossings



HORIZONTAL DIRECTIONAL DRILLING ACCOMPLISHMENTS

Projects / Client	Country	Description
EAC2 Changi North & Tanah Merah Shore Approaches	Singapore	From 250m to 450m 160mm HDPE pipe totaling 2 crossings
TCOT EPMI 10" Effluent Discharge Line	Malaysia	From 317m to 249m 10" Steel pipe totaling 2 crossings
Hazira-Dahej Gas Pipeline	India	1197m and 1210m 24"+4" and 26" Steel/HDPE pipe totaling 2 crossings
Amboli-Dahej Gas Pipeline	India	1255m 24"+1x3"+1x2" Steel
Tronoh Lateral Pipeline Project	Malaysia	878m 8" Steel
Wagga South Pipeline Project	Australia	From 80m to 300m 8" and 8"+4" Steel/HDPE pipe totaling 3 crossings
Illabo to Tumut Transmission Pipeline	Australia	78m 32"+2" Concrete Steel
Mathura-Tundla Product Pipeline	India	1000m 16"+3" Steel
Jamnagar Loni Pipeline	India	650m 12"+3" Steel
PGU LOOP II Project	Malaysia	From 375m to 980m 36" Steel 8 crossings
Natural Gas Distribution Project	Malaysia	300m 8" Steel
Tabangao Santa Ritta Gas Pipeline	Philippines	From 333m to 930m 24" Steel pipe totaling 4 crossings
Johor Cable Duct Installation	Malaysia	200m 9No. 6" + 2No. 4" HDPE
Cable Duct Installation	Malaysia	Cable Duct Installation
KVCM Ethylene Pipeline	Malaysia	200m 12" Steel
Kajang HDPE Pipe Bundle Installation	Malaysia	140m 6No.6" + 4No 4" HDPE
Peciko Development 12" Condensate Pipeline	Indonesia	1610m 12" Steel
Sri Lanka 10" LPG Pipeline	Sri Lanka	From 350m to 675m 10" + 2" Steel/Con. Coated totaling 4 crossings
Sri Lank 10" LPG Pipeline	Australia	210m and 240m 8" steel totaling 2 crossings
Sydney Airport Ducts	Australia	210m and 240m 8" steel totaling 2 crossings
Haldia Barauni Crude Oil Pipeline	India	355m and 380m 18" +3" + 3" Steel pipe totaling 2 crossings
Chiltern Valley Gas Pipeline	Australia	120m and 640m 8" Steel pipe totaling 2 crossings
Submarine Cable Shore Approach	Singapore	200m 6" HDPE
Gersik-Duri 28" Gas Transmission & Distribution Project	Indonesia	From 319m to 770m 5" and 28" Steel pipe totaling 26 crossings
Mumbai-Manmad Pipeline	Australia	78m 32"+2" Concrete Steel
Mathura-Tundla Product Pipeline	India	630m 18"+3"+3"+2" Steel



HORIZONTAL DIRECTIONAL DRILLING ACCOMPLISHMENTS

Projects / Client	Country	Description
Celcom-Petronas Gas Pipeline Fibre Optic Network	Malaysia	From 150m to 1330m 4" HDPE, Steel pipe totaling 7 crossings
Multi Products Pipeline	Malaysia	From 116m to 1230m 16" Steel pipe totaling 7 crossings
OFC Network	Malaysia	250m and 276m 2x4" HDPE pipe totaling 2 crossings
El Jadida Sewage Discharge Line	Morocco	1200m 32" HDPE Landfall
HATS Sewage Conveyance System	Hong Kong	Twin 1300m 36" HDPE Bay Crossing
TCOT 24" Shore Approach	Hong Kong	650m 24" Steel
Wickham Point Inter Connect Gas Pipeline, Darwin	Australia	580m, 80m, 1277m 12" steel
SSWJ II Pipe Line Project, Sumatra	Indonesia	700m 4"and 36" steel pipe
Sai Noi North/South Bangkok Power Plants Gas Pipeline Project	Thailand	From 350m to 2200m of 36" and 6" steel pipes totaling 47 crossings
Third Parallel Pipeline Project, Rayong	Thailand	350m to 700m of 36" and 6" steel pipe and 650m of 42" steel pipe totaling 11 crossings
Trans Thailand Malaysia Pipeline, Hat Yai	Thailand	300m to 1100m of 36" pipe totaling 11 crossings
Mumbai Manmad Pipeline extension Project	India	1200m 14" steel pipe and 6" PE pipe
Douglas Sewage Conveyance System – Isle of Man	UK	550m Landfall 36" HDPE.
South West Water Sewage Treatment Works, Westwood Ho	UK	550m Landfall 36" HDPE
IOCL, Damodar River	India	1000m 18" steel pipe totaling 6 crossing
Transco UK, Abergavenny, Wales	UK	500m, 26" steel pipe totaling 2 crossings
L' Air Liquid, Antwerp	Belgium	428m, 523m and 403m of 36" bundle HDPE pipes
Ilabo to Tumut Pipeline	Australia	80m, 120m and 300m 8" steel pipe
Tronoh Lateral Pipeline	Malaysia	878m 8" steel pipe
TCOT EPMI Second Effluent Pipe, Paka	Malaysia	878m 8" steel pipe
PGU Loop II Project	Malaysia	From 375m to 980 m 36" steel pipe totaling 8 crossings



ENGINEERING CAPABILITIES ON LANDMARK PROJECTS

LAND PIPELINES

- Extensive experience in the management and supervision of land pipelines
- Can operate, or assist in contractor selection and recommendation of suitable plant and equipment

TANK FACILITIES

- Specialist in fuel storage, both liquids and gases, and is a turnkey contractor both for various types of individual pieces of equipment and complete facilities

HORIZONTAL DIRECTIONAL DRILLING (“HDD”)

- Feasibility studies
- Trenchless application selection
- Contract conformity
- Estimating
- Best practice
- Site procedures and systems
- Safety and environmental issues
- Variation and dispute resolution
- Project over-sight
- Profile design
- Trouble shooting
- Equipment appraisal

CONSTRUCTION SUPERVISION AND MONITORING

Services to supervise and monitor operations for main contractors, as well as follow progress of the operations undertaken by a contractor, providing expert monitoring of all activities.

- Review all progress reports and contemporary construction records of works carried out
- Ensure all operations are in compliance with specifications and relevant permits under the authorities
- Covering radius of curvature of the borehole, reaming stages, bentonite characteristics and disposal and pull back procedures

SUPPLY OF HORIZONTAL DIRECTIONAL DRILLING CREW

Supplying highly experienced and scalable crews for projects throughout the Asia Pacific and Middle East Region:

- Rig Floor Foremen and Hands
- Bentonite Mixing Engineers
- Recycling Technicians
- Mechanics
- Electricians
- Pipeside Foremen
- Tie in Foremen
- Welding Superintendants

All personnel assigned to your HDD project shall have no less than 5 years experience working in the HDD and related industry on all sizes of rigs.



EXPERIENCE



October 2015 - Present

Managing Director. | *Baron Capital Management Ltd.*

Responsible for consulting on all facets of the establishment, pre-qualification, and development of energy related assignments.

A Wall Street and Bangkok-based Merchant Bank focused on early-stage channel and project developments.



December 2007 - October 2015

Owner. | *Gregrep Sdn. Bhd*

Independent Petroleum Engineering Consultancy Company to:

Wood Group Kenny Malaysia

- Shell DAWN Philippines LNG
- HDD Installation Analysis,
- FEED Document and Recommendations,
- HDD Installation Specification
- Contingencies and Risk Analysis

Cunningham Lindsay Adjusters (M)Sdn Bhd

- HDD Consultancy services CAR damage to HDD stuck pipeline. Sg Baram Sarawak. Petronas Gas.
- HDD Expert Witness. High Court of Malaysia. Skrine & Co on behalf of Etiqa and two others. Petronas Carigali, Mengalow River crossing total loss.

Wood Group Indonesia.

- River Crossing HDD Design Philosophy Study for Non-Metallic Pipe.(Conoco Phillips Indonesia Inc)



EXPERIENCE



December 2007 - October 2015

Head of Land and Nearshore Pipelines | MSI Group (Malaysia)

Responsible for the design of landfalls using HDD for the ERL-ILF Bangladesh SPM and Pipeline Project.

JP Kenny Wood Group Sdn. Bhd. (Malaysia)

- Provincial Gas Transmission Pipeline Project to Nakhon Sawan (PTT Public Company Limited) Thailand
- Provincial Gas Transmission Pipeline Project to Nakhon Ratchasima (PTT Public Company Limited) Thailand
- Sabah-Sarawak Integrated Oil and Gas Pipeline Project (Petronas) Malaysia.

Leighton Contractors (Malaysia) Sdn. Bhd.

- Construction / Site Manager for Muthurajawela SPBM & Second Offshore Pipeline & Terminal Modification Project (Sri Lanka)

Corrtech International Pty. Ltd. (India)

Coe Drilling Pty. Ltd. (Australia)

Mersing Construction & Engineering Sdn. Bhd. (Malaysia)

Mining House Ltd. (Singapore).



February 2007 - November 2007

President Business Development. | Punj Lloyd Limited

Reporting to the Main Board of Punj Lloyd Corporate office in Delhi, India. Responsible for business development in new market areas east of India with particular emphasis on Malaysia, Thailand, Vietnam and Philippines.



EXPERIENCE



2006 - January 2007

Chief Executive Officer. | Nacap Asia Pacific Group of Companies

Reporting to Shareholders of Nacap Asia Pacific Group of companies for the whole of Asia Pacific Region.

During this period NAP were awarded the first EPC pipeline contract in Vietnam, the Phu My Ho Chi Minh Pipeline Project (PMHCM) and pre-qualified for the Sabah Sarawak Pipeline Project from Kimanis to Bintulu.



2003 – 2006

Managing Director. | Nacap Asia Pacific (Thailand) Co., Ltd.

Responsible for the incorporation of Nacap Asia Pacific (Thailand) Co., Ltd. in 2003. Retaining responsibilities for Asia Pacific region whilst having overall management responsibility for two major pipeline projects in Thailand.

Project Director and Chairman of Supervisory Board for Third Transmission Pipeline Project (TTP). Project included 36" dia pipeline together with state of the art receiving facilities incorporating 54" dia harp type slugcatcher primary separation unit, stabilizer column and metering systems. This project achieved in excess of 5 million manhours with only one single LTI.

Chairman of Supervisory Board for Sai Noi North South Pipeline Project (SNP), part of Bangkok's outer ring main, supplying gas from Ratchaburi Pipeline to South Bangkok Power station. Of the 64km of 32" dia pipe, 48km were installed by HDD techniques incorporating up to 4 high capacity rigs working continuously for a period of 7 months



EXPERIENCE



2001 – 2005

Managing Director. | *Nacap Asia Pacific Sdn. Bhd.*

Responsible for the incorporation of Nacap Asia Pacific Sdn. Bhd. in 2001 and was appointed the Managing Director of the Company. Development of the Management Reporting System and Project Reporting System used throughout the region. Preparation of weekly, monthly and annual reports for HQ together with annual budget.

Nacap Asia Pacific was awarded the Regional Headquarters status in year 2001.

Responsible for all overall business activities of the companies under Nacap Asia Pacific in the Asia Pacific Region. Preparation of the Annual Business Plans for Asia Pacific region, Business development, identification of local partners, tendering and negotiation of contracts and setting up branch offices in other Asia Pacific countries. During this period NAP gained ISO accreditation in its own right for 9000, 14000 and 18000, and subsequently successfully passed three major audits by DNV.

Major projects undertaken during this period PGUP Loop II Project for Petronas, Trans Thailand-Malaysia Pipeline Project (TTM) for joint venture company between Petronas and PTT. Sitting on Supervisory Board for Loop II Project, Project Director and Chairman of Supervisory Board for the TTM Project.

The TTM Project received Petronas's Safety Award for in excess 7 million manhours without a single LTI.



1996 – 2000

Managing Director. | *Nacap Nederland B.V. Nacap Drilling Sdn. Bhd. | Nacap Pipelines (M) Sdn. Bhd.*

Responsible for the incorporation of both companies and the developing of opportunities and contracts throughout Asia Pacific Region.

Project Director for all pipeline and HDD projects throughout the region acting on behalf of various joint ventures and reporting to Supervisory Board. Major projects include multi-product fuel line from Melaka to new KLIA for Petronas, Asamara Pipeline 530km of 32" pipe from Grisik to Duri in Sumatra for PGN.



EXPERIENCE



1981 – 1995

Costain Land & Marine Engineering (Overseas) Limited

General Manager.
(1991 - 1995)

On completion of the Peninsular Gas Utilization Project Phase II contract, LME decided to maintain a permanent presence in Southeast Asia. This coincided with the merger of the Pipeline and Offshore Division with the Process Contracting Division, forming Costain Oil, Gas & Process Limited.

**Project Manager -
Special Crossings.**
(1989 - 1991)

Responsible for 10 major river crossings in Malaysia forming part of the Trans-Peninsular Gas System to be installed by the Directional Drilling technique (P.G.U. P II).

Operations Manager
(1986 - 1989)

Responsible for all Directional Drilling, evaluation pricing and technical support to sites worldwide excluding North America and Canada.

Major Contracts: 5 no. crossings for P.W.N. Holland including 2 no. H.D.P.E. pipes 22" dia. x 360m, 17" dia. x 180m (these being the first H.D.P.E. pipes installed by Directional Drilling technique) and B.P. Petroleum Wytch Farm Development 26" dia. x 1200m.

**Estimator/
Senior Estimator**
(1981 - 1986)

Initially Estimator, promoted to Senior Estimator in 1983. Working on marine engineering and subsea pipeline valued £20m to £40m in the Middle East and Far East, Sri Lanka, India, Malaysia, Abu Dhabi, Venezuela, Colombia, Australia and throughout Europe.



EXPERIENCE



1978 – 1981

Resident Engineer. | *Merseyside County Council*

Working on the Liverpool Inner Ring Road, Water Front Leg, a major 6 lane dual carriageway intercity ring road, including grade separated intersection and signal controlled junctions.

Supervision of Contractors through Assistant Resident Engineers and Clerk of Works. The interpretation of specifications and approval of temporary works design. Monthly evaluations, issue of variation orders and agreement to claims submitted by Contractors. Negotiation for contractual claims, making recommendations to the County Engineers regarding the settlement of claims. Evaluating the progress made by the Contractors compared with critical path program relating to this major highway project and producing monthly reports for the Highway and Traffic Committee.

During this time, also undertook Resident Engineer's responsibilities for the Civil Engineering works on the Merseyside Maritime Museum Phase I development.



1976 – 1978

Chief Assistant Engineer. | *Liverpool City Architects Department*

Carrying out all Civil Engineering related to an 85 acres housing development. Duties included the initial design, specifications, preparation of drawings and tender documents. Works included major earth moving, drainage work, road works and structures.

After the contract was awarded, became Resident Engineer for the construction phase for the above development.



1974 – 1976

Engineering Assistant. | *Liverpool City Council, Highways Department*

Learning all aspects of pavement design and designed the Water Front Leg of the Liverpool inner ring road. After submitting it to the Institute of Civil Engineers and following professional review, was awarded chartered status.



EXPERIENCE



1970 – 1974

Assistant Engineer/Section Engineer. | Northwest Holst Civil Engineering Limited

Major projects included the Litherland lift bridge diversion, Huntingdon water treatment works and the Aberfan Taff Valley flood relief scheme.

After 4 years, was put on exchange programme with Liverpool City Council.



UNIVERSITY EDUCATION AND PROFESSIONAL QUALIFICATIONS

1971: Cranfield College of Technology, UK

1976: Member, The Institution of Civil Engineers

1985: Chartered Engineer, The Engineering Council, UK



PERSONAL DATA

Nationality United Kingdom

Marital Status Married

Language Proficiency English – Proficient in written and oral management communication

Reference Available on request

