"Outstanding Solutions in Formwork Engineering"

Object: HIBERNIA OIL PLATFORM
Country: St. John's, Newfoundland, Canada
Year of execution: 1994 / 95
Client/General Contractor: Hibernia Management and Development Co. Ltd.
Type of work: OFFSHORE - SLIPFORM
Basic data:
Height: 85.0 m (without topshafts), diameter 105 m
Surface: 222,935 m²
Others: 3,011.7 run/m formwork; 585 special yokes
1,272 pcs. 6 ton jacks
total weight of slipform: 1.738 ton
"Outstanding Solutions in Formwork Engineering"

Object: MALAMPAYA CGS
Country: Subic Bay, Philippines
Year of execution: 1999 - 2000
Client/General Contractor: John Holland Construction & Engineering Pty Ltd
Type of work: OFFSHORE

Basic data:
- Surface: 52,600 m²
- Others: caissons + ballast cells / conical shaft
- Description: 54 nos cellular caissons and ballast cells 12,575 x 11,20 m on grid plan, h=14,60 m

Conical shaft:
- 4 nos conical shafts
- h=38,5 m
dia bott. inside 10,20 m
dia top 10,20 m
waithickn var 0,575-0,40
"Outstanding Solutions in Formwork Engineering"

Object: OIL PLATFORM TROLL
Country: Stavanger, Norway
Year of execution: 1991 / 94
Client/General Contractor: Norske Shell / Norwegian Contractors
Type of work: OFFSHORE – CONICAL SLIPFORM

Basic data:
Height: 367 m
Surface: 390.000 m²
Others: Skirts / Caisson / Shaft "Riegel"
"Outstanding Solutions in Formwork Engineering"

Object: RORO CAISSONS PORT DE TANGER
Country: Morocco
Year of execution: 2007 / 08
Client/General Contractor: Bouygues Travaux Publics / SRPTM
Type of work: SLIPFORMING

Basic data: 23 nos Quadrilobes Caissons
Base dimensions: 27,95 x 28,00 m
Height: 27,00 m
Surface: 175,000 m²
"Outstanding Solutions in Formwork Engineering"

Object: SAKHALIN II CGBS OIL & GAS PLATFORM

Country: RUSSIA
Year of execution: 2004/05
Client/General Contractor: SEIC / QUATTRO GEMINI
Type of work: OFFSHORE

Basic data:
Others: Lun/A Platform
Description: Slipforming of Shafts
Height: 56 m
Diameter bottom: 26 m
Diameter top: 16 m
Wall thickness: 0,90 / 0,60 / 5,89 m in LMU area
"Outstanding Solutions in Formwork Engineering"

Object: SOUTH ARNE

Country: Inverness, Scotland, UK
Year of execution: Nov. 1997 / Nov. 1998
Client/General Contractor: Taylor Woodrow Civil Engineering Ltd.
Type of work: OFFSHORE - SLIPFORM

Basic data:
Surface: 78,200 m²
Others: caissons + ballast cells / conical shaft

Description: caissons + ballast cells
120 nos cellular caissons and ballast cells
9,0x9,0 m on grid plan,
100 nos caisson cells h=15,65 m
20 nos ballast cells h=10,25 m

conical shaft
1 no conical shaft h=62,8m
diameter bottom: 17,70m
diameter top: 15,80m
wallthickness var. 0,65-0,40
on top 4 nos bulge,
wallthickness 1,60m
"Outstanding Solutions in Formwork Engineering"

Object: TEST T-300 TOWER
Country: Norway
Year of execution: 1984
Client/General Contractor: Statoil, Esso, Norsk Hydro, Shell, Saga/Norwegian Contractors
Type of work: OFFSHORE – CONICAL SLIPFORM
Basic data:
- Height: 50.00 m
- Surface: 6.250 m²
Others:
"Outstanding Solutions in Formwork Engineering"

Object: WEST TUNA & BREAM B
CONCRETE GRAVITY BASE STRUCTURE

Country: Wollongong, NSW, Australia
Year of execution: 1995 / 96
Client/General Contractor: Transfield Construction NSW
Type of work: OFFSHORE - SLIPFORM

Basic data:
Height:
- West Tuna: 3 x 51,60 m, 1 x 22,70 m, Ø 15,65
- Bream B: 1 x 51,60 m, 3 x 20,70 m, Ø 12,00
Surface: 32,253 m²