

Kvaerner
Structural Solutions
Project Reference List
Major Projects

Jackets

Client	Field	Project		Weight	CA - Delivered
Phillips	Albuskjell	Drilling Jacket and Piles	FC	4 600 + 2 800 T	06.1975 - 08.1976
Phillips	Ekofisk	Quarters Jacket and Piles	FC	1 900 + 1 100 T	04.1976 - 04.1977
Amoco	Valhall	Drilling Jacket and Piles	FC	5 300 + 4 100 T	04.1979 - 11.1980
Statoil	Statpipe	Riser Jacket and Piles	FC	7 500 + 3 500 T	06.1982 - 07.1983
BP Norway	Ula	Drilling Jacket and Piles	FC	2 500 + 5 400 T	04.1984 - 05.1985
Phillips	Ekofisk 2/4K	W-Jacket and Piles	FC	12 500 + 7 000 T	05.1984 - 06.1986
Norsk Hydro	Oseberg B	Drilling Jacket and Piles	EPC	18 800 + 6 500 T	01.1985 - 04.1987
Statoil	Veslefrikk	Drilling Jacket and Piles	EPC	9 600 + 6 900 T	10.1987 - 05.1989
BP Norway	Gyda	Drilling Jacket and Piles	FC	8 300 + 4 900 T	12.1987 - 09.1989
Statoil	Sleipner A	Riser Platform Jacket and Piles	EPC	4 330 + 1 900 T	10.1991 - 08.1992
Norsk Hydro	Brage	Jacket and Piles	EPC	18 400 + 7 000 T	11.1990 - 05.1993
Statoil	Europipe	16/11-E Jacket	FC	4 730 T	07.1993 - 07.1994
Statoil	Sleipner Vest SLB	Jacket and Piles	PC	5 400 + 2 300 T	02.1994 - 04.1995
Statoil	Sleipner Vest SLT	Jacket	PC	6 600 T	02.1994 - 03.1996
Phillips	Ekofisk 2/4X	Jacket and Piles	EPC	5 700 + 2 940 T	12.1994 - 04.1996
Phillips	Ekofisk 2/4J	Jacket and Piles	FC	11 800 + 5 000 T	09.1995 - 04.1997
Saga	Varg	Monotower and Piles	EPCI	2 200 + 1 400 T	01.1996 - 05.1997
Norsk Hydro	Oseberg Øst	Jacket and Piles	EPC	7 000 + 4 700 T	07.1996 - 05.1998
Heerema	Jotun	Jacket and Piles	EPC	6 100 + 3 300 T	03.1997 - 08.1998
Norsk Hydro	Oseberg Gass	Jacket and Piles	EPC	6 000 + 2 300 T	10.1997 - 03.1999
Phillips	Eldfisk	Jacket and Piles	EPCI	2 400 + 1 110 T	12.1997 - 05.1999
Norsk Hydro	Oseberg Sør	Jacket and Piles	EPC	7 000 + 3 000 T	04.1997 - 05.2000
Statoil	Huldra	Jacket and Piles	EPC	5 200 + 2 000 T	09.1998 - 06.2000
Statoil	Kvitebjørn	Jacket and Piles	EPC	12 000 + 6 000 T	07.2000 - 08.2002
BP Norway	Valhall	Jacket and Piles	EPC	4 000 + 2 000 T	10.2000 - 07.2002
Norsk Hydro	Grane	Jacket and Piles	EPC	17 500 + 4 500 T	11.2000 - 03.2003
Shell UK	Goldeneye	Jacket and Piles	EPC	3 000 + 2 000 T	03.2002 - 06.2003
BP UK	Clair	Jacket and Piles	PC	8 500 + 4 300 T	03.2002 - 06.2004
ConocoPhillips	Ekofisk 2/4M	Jacket and Piles	EPC	5 000 + 2 000 T	03.2003 - 08.2004
ConocoPhillips	Ekofisk 2/4M	Tripod and Piles	EPC	1 200 + 800 T	03.2003 - 08.2004
Nexen	Buzzard	Wellhead Jacket and Piles	EPC	4 000 + 3 500 T	10.2003 - 03.2005
Nexen	Buzzard	Quarter Utilities Jacket and Piles	EPC	4 700 + 3 600 T	10.2003 - 04.2005
Nexen	Buzzard	Process Jacket and Piles	EPC	5 600 + 3 600 T	10.2003 - 04.2005
BP Norge	Valhall Re-Development	Jacket and Piles	EPC	7 500 T + 4 000 T	02.2007 - 05.2009
Statoil	Gudrun	Jacket and Piles	EPC	7 200 + 3 200 T	02.2010 - 07.2011
ConocoPhillips	Ekofisk 2/4L	Bridge Support Jacket and Piles	EPC	1 800 + 1 600 T	03.2010 - 04.2012
ConocoPhillips	Ekofisk 2/4L	Jacket and Piles	EPC	5 800 + 2 500 T	03.2010 - 05.2012
BP UK	Clair Ridge	Drilling & Production Jacket and Piles	EPC	22 500 + 6 500 T	07.2010 - 06.2013
BP UK	Clair Ridge	Quarters Utility Jacket and Piles	EPC	9 400 + 2 900 T	07.2010 - 06.2013
Lundin Norway	Edvard Grieg	Jacket and Piles	EPC	14 500 + 6 500 T	01.2012 - 04.2014
Total E&P Norge	Martin Linge	Jacket and Piles	EPSC	16 000 + 5 600 T	02.2012 - 05.2014
Statoil	Johan Sverdrup Phase 1	Riser Platform Jacket and Piles	EPC	26 155 + 9 008 T	01.2015 - 07.2017

Jackets for offshore wind turbines

Client	Field	Project	Weight	CA - Delivered
Multibrud	Alpha Ventus	6 steel tripod substructures and piles for offshore windmills	PC Each approx. 670 T	08.2007 - 07.2008 / 08.2008
RWE Innogy	Nordsee Ost Wind Farm	49 Jacket and Piles for Offshore Windmills	EPC 550 T each jacket	06.2010-2012/2013

Flare / Bridge

Client	Field	Project	Weight	CA - Delivered
Amoco	Ekofisk 2/4G	Riser Bridge	FC 790 T	03.1980 - 06.1981
Norsk Hydro	Oseberg A	Flare boom	FC 400 T	11.1986 - 05.1988
Norsk Hydro	Oseberg A	Bridge	FC 950 T	11.1986 - 05.1988
Statoil	Sleipner A	Flare/ Bridge Jacket and Piles	EPCI 1 000 + 600 T	03.1992 - 05.1993
Statoil	Sleipner A	Flare and Bridge	EPCI 420 + 370 T	04.1992 - 05.1993
Norsk Hydro	Oseberg Gass	Flare & Bridge	EPC 340 + 570 T	03.1997 - 04.1999
Nexen	Buzzard	2 Bridges and Flare	FC 290 + 290 + 437 T	06.2005 - 03.2006
Vetco Aibel	Alvheim	Flare Tower	EPC 150 T	08.2005 - 04.2006
Aker Stord	Gjøa	Flare	FC 312 T	10.2008 - 07.2009

Other projects

Client	Field	Project	Weight	CA - Delivered
Saga	Snorre	TLP Well Template and Piles	FC 1 950 + 1 200 T	06.1989 - 07.1990
Norsk Hydro	Oseberg II	Conductors	FC 4 200 T	07.1990
Statens Vegvesen	Krifast, Bergsøysund	Floating Bridge, Steel Structure	EPCI 6 480 T	06.1990 - 06.1992
Norske Shell	Draugen	Offshore Loading Unit	EPCI 1 690 T	05.1991 - 09.1993
Ulstein Verft	Westfal Larsen	Munchloader Gantry Cranes	FC 1 600 T	08.1994 - 02.1995
Hydro	Ormen Lange	Slug catcher	FC 10 100 T	07.2004 - 08.2006

Topsides

Client	Field	Project		Weight	CA - Delivered
Shell UK	Brent B	Deck	FC	3 000 T	08.1973 - 04.1975
Shell UK	Brent D	Deck	FC	3 500 T	07.1974 - 08.1976
Phillips	Ekofisk 2/4H	4 Quarters Modules	FC	2 800 T	03.1978 - 09.1977
Elf	Frigg	2 Modules for TCP-2	FC	240 T	12.1979 - 05.1977
Mobil	Statfjord B	5 Preassemblies/Modules	FC	1 023 T	01.1979 - 01.1980
Amoco	Valhall A	Drilling Deck	FC	2 800 T	03.1979 - 04.1981
Amoco	Ekofisk 2/4G	Riser Deck	FC	1 730 T	03.1980 - 06.1981
Statoil	Statpipe	Deck for Riser Platform	FC	1 940 T	04.1983 - 06.1984
Statoil	Gullfaks A	3 Modules M11/M12/M24	FC	1 200+ 1 200+ 2 000 T	08.1982 - 02.1985
Statoil	Gullfaks B	1 Module: M12	FC	1 300 T	06.1985 - 08.1986
Statoil	Gullfaks C	Module Nodes	FC	88 no. of nodes	11.1985 - 10.1986
Statoil/Aker Stord	Gullfaks C	Module Supp. Frame (section)	FC	4 400 T	10.1986 - 06.1987
Statoil	Gullfaks C	2 Modules: M11/M12	FC	1 000 + 1 150 T	11.1986 - 02.1988
Norsk Hydro	Oseberg II	Deck (LTF)	FC	3 500 T	12.1988 - 07.1990
Saga	Snorre	Drilling Derrick, Sub-structure and Skidbase	FC	1 970 T	12.1989 - 03.1991
Statoil	Sleipner A	Module Support Frame (COP)	FC	6 000 T	10.1989 - 07.1991
Statoil	Sleipner A	Module D22	FC	3 790 T	09.1991 - 01.1992
Statoil	Sleipner A	Riser Platform Topside	EPC	3 500 T	10.1991 - 08.1992
Conoco	Heidrun	Wellbay Module M20	FC	8 600 T	01.1992 - 07.1994
Saga	Varg	Wellhead Platform Topside	EPCI	1 000 T	01.1996 - 06.1997
Phillips	Ekofisk 2/4 J	Utilities Module	EPC	4 300 T	09.1995 - 07.1997
Norsk Hydro	Oseberg Gass	Topside	EPC	8 000 T	03.1997 - 04.1999
Aker Stord,	Snorre B	Deck Sections	FC	2 000 T	03.1999 - 10.1999
Aker Stord	Valhall	Deck sections and boxgirders	FC	1 070 T	01.2001 - 07.2001
Aker Stord	Kristin	Utility Module	FC	1 500 T	10.2002 - 10.2003
Aker Stord	Gjøa	Prefab. Steel Sections	FC	1 250 T	07.2007 - 10.2008
Aker Egersund	Kashagan	Piperacks	FC	125 T	10.2007 - 06.2008
Aker Egersund	Kashagan	Module 18 + Module 20	FC	1 000 T	03.2008 - 10.2008
Kværner Stord	Nyhamna EPCm	3 Compressor Modules	FC	1 054+1 050+1 055 T	02.2014 - 08.2014

Drilling rigs and facilities

Client	Project		Weight	CA - Delivered
Deep Sea Drilling A/S	H-3 Drilling Platform	EPC	Displ.ment 19 300 T	11.1971 - 02.1974
K/S Gotaas Larsen Drilling A/S & Co. and Rowan Inc.	H-3 Drilling Platform	EPC	Displ.ment 19 300 T	03.1972 - 09.1974
Blandford Shipping Co. Ltd. UK	H-3 Drilling Platform	EPC	Displ.ment 19 300 T	01.1973 - 03.1975
I/S Polyglomar Driller	H-3 Drilling Platform	EPC	Displ.ment 19 300 T	02.1973 - 06.1975
Blandford Shipping Co. Ltd. UK	H-3 Master Construction Barge	EPC	Displ.ment 19 300 T	10.1974 - 05.1976
K/S Golar-Nor Prospecting A/S & Co.	H-3 Drilling Platform	EPC	Displ.ment 19 300 T	12.1973 - 07.1976
K/S Sverre Ditlev-Simonsen Drilling A/S	H-3 Drilling Platform	EPC	Displ.ment 19 300 T	01.1974 - 03.1977
Aker Mek. Verksted	H-3 Byford Dolphin (ex Deep Sea Driller) Repair of wrecked rig	EPC	Displ.ment 19 300 T	04.1977 - 06.1979
Amoco	Valhall A Drilling Deck	FC	2 800 T	03.1979 - 04.1981
K/S Deep Sea Drilling Company A/S	H-3.2 Drilling Platform	EPC	Displ.ment 24 190 T	09.1980 - 02.1983
E. Rasmussen	H-3.2E Flotell "Polycrown"	EPC	Displ.ment 15 000 T	07.1982 - 05.1984
Saga	Snorre Drilling Derrick, Sub-structure and Skidbase	FC	1 970 T	12.1989 - 03.1991
Statoil	Sleipner A Drilling Wellhead Module (D22)	FC	3 790 T	09.1991 - 01.1992
Norsk Hydro	Njord Hull for Semisub. Floater	EPC	11 000 T	03.1995 - 02.1997
Chevron/Anadarko	Blind Faith Hull for Semisubmersible Floater	EPC	9 280 T	10.2005 - 07.2007
Aker Drilling (Aker Kvaerner Stord)	Aker H-6e. Hull for Drilling Rig		15 000	10.2005 - 08.2007
Aker Drilling (Aker Kvaerner Stord)	Aker H-6e. Hull for Drilling Rig		15 000	10.2005 - 08.2007

Projects in progress

Client	Field	Project	LOI/CA - Delivery
Statoil	Johan Sverdrup	Drilling Platform Jacket and Piles	LOI 06.2014/ CA 09.2015 – Spring 2018
Statoil	Johan Sverdrup	Process Platform Jacket and Piles	CA 10.2015 – Summer 2018
Kværner / Statoil	Njord A	Njord Blisters	CA 03.2017 – Summer 2018
Repsol, Norway	Yme New Development	Caisson Support Structure	CA 11.2017 – Summer 2018
Aker BP	Valhall Flank West	Topside and Jacket NUI (Normally Unmanned Installation)	CA 12.2017 – Spring 2019

Kværner AS
Hamnevegen 7
7652 Verdal, Norway

Tel: (+47) 74 07 40 00

www.kvaerner.com