



REFERENCES – SPECIAL HELICOPTER LIFTING OPERATIONS

This list covers flare tip replacements and other offshore lifting and installation operations carried out by Vertech Offshore AS (Statnett/Eltel Services) from 1991 until April 2006.

Operator	Nationality	Platform / location	Type of installation	Year	Remarks
Phillips Petroleum	Norway	Ekofisk EDDA	Fixed plf.	1991	Replacement of flare tip
Statoil	Norway	Kårstø gas terminal	Refinery	1991	Replacement of flare tip
Statoil	Norway	Mongstad	Refinery	1991	Replacement of flare tip
Statoil	Norway	Statfjord B	Fixed plf.	1991	Replacement of flare tip / onshore test
Norsk Hydro	Norway	Oseberg A	Fixed plf.	1992	Replacement of flare tips / onshore test
BP	Norway	Gyda	Fixed plf.	1992	Replacement of flare tips
Statoil	Norway	Sleipner A	Fixed plf.	1992	Full scale test replacement of flare tip
Norsk Hydro	Norway	Oseberg A	Fixed plf.	1993	Replacement of flare tips
Statoil	Norway	Kårstø	Refinery	1993	Replacement of flare tip
Norsk Hydro	Norway	Oseberg A	Fixed plf.	1994	Replacement of flare tips and ignition plate
Statoil	Norway	Sleipner A	Fixed plf.	1994	Replacement of flare tips
BP	Norway	Gyda	Fixed plf.	1994	Replacement of flare tips
Statoil	Norway	Gullfaks A	Fixed plf.	1995	Replacement of ignition plate
Statoil	Norway	Gullfaks C	Fixed plf.	1995	Replacement of ignition plate
Statoil	Norway	Sleipner B	Fixed plf.	1995	Replacement of flare tip
Statoil	Norway	Kårstø	Refinery	1995	Replacement of flare tip
Norsk Hydro	Norway	Oseberg A	Fixed plf.	1995	Replacement of flare tips
Norsk Hydro	Norway	Oseberg C	Fixed plf.	1995	Replacement of flare tip
BP	Norway	Ula	Fixed plf.	1995	Replacement of crown block
Saga	Norway	Snorre A	TLP	1995	Procedures and operation manual

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Norske Shell	Norway	Troll A	Fixed plf.	1995	Replacement of top crane engines and platform completion
Kværner Engineering	Norway	Sleipner T	Fixed plf.	1995	Procedures, operation manual and equipment
Kværner Rosenbeg	Norway	Troll B	Semi Sub	1995	Operation manual and equipment
Elf	UK	Piper B	Fixed plf.	1995	Replacement of flare tip
Trafalgar House/Lasmo	Holland	Markham J6A	Fixed plf.	1995	Replacement of flare tip
Statoil	Norway	Statfjord C	Fixed plf.	1996	Replacement of flare tip / Onshore test
Statoil	Norway	Yme	TLP	1996	Repair at top of derrick
Norsk Hydro	Norway	Oseberg A	Fixed plf.	1996	Repair of top platform
Saga	Norway	Snorre A	Test onshore	1996	Full scale test of flare tip replacement
Saga	Norway	Snorre A	TLP	1996	Replacement of HP flare tip
Statoil	Norway	Heidrun	TLP	1996	Replacement of HP and LP flare tips
Statoil	Norway	Troll A	Fixed plf.	1997	Full scale test of HP flare tip replacement
Statoil	Norway	Troll A and Troll L	Fixed plf.	1997	Procedures and standby for flare tip replacements
Norsk Hydro	Norway	Oseberg A	Fixed plf.	1997	Method study of flare boom extension using S64F Skycrane
Norsk Hydro	Norway	Oseberg A	Fixed plf.	1997	Replacement of flare tips and removal of scaffolding
Norsk Hydro	Norway	Visund	Semi Sub	1997	Procedures, operation manual and equipment, test installation
Norsk Hydro	Norway	Njord	Semi Sub	1997	Procedures, operation manual and equipment, test installation.
Scandinavian Bridge Joint Venture	Sweden	Höga Kusten Bro, Kramfors, Sweden	Bridge	1997	Removal of 2 Liebherr 91 EC cranes from bridge towers
Transocean ASA	Norway	Transocean Searcher	Semi Sub	1998	Installation of active heave compensator

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Statoil	Norway	Statfjord A	Fixed plf.	1998	Full scale test of flare tip replacement, Ågotnes. Replacement of HP flare tip, Statfjord A
Saga	Norway	Snorre A	TLP	1998	Replacement of HP and LP flare tips
Agra Birwelco	UK	Elgin/Franklin	Fixed plf.	1999	Operations Manual, Full scale test onshore
Amerada Hess / Wood Group	UK	Scott	Fixed plf.	1999	Replacement of HP and LP flare tips
Mærsk Oil & Gas	Denmark	Tyra West Dan Harald	Fixed plf.	1999	Replacement of HP flare tip Replacement of LP flare tip Replacement of HP and 2 LP flare tips
Saga Petroleum	Norway	Varg	FPSO	1999	Replacement flare ignition system
Saga Petroleum	Norway	Snorre A	TLP	1999	Replacement of HP flare tip
British Gas International	Tunisia	Miskar, Tunisia	Fixed plf.	2000	Replacement of HP flare tip
Kværner Oil and Gas	Norway	Heidrun	TLP	2000	Installation of new HP flare tip
Hibernia MDC Ltd.	Canada	Hibernia, New Foundland	Fixed plf.	2000	Replacement of LP flare tip
Norsk Hydro	Norway	Heimdal	Fixed plf.	2000	Replacement of HP flare tip
BHP Petroleum Ltd.	UK	Douglas	Fixed plf.	2000	Replacement of HP flare tip
Texaco UK	UK	Tartan A	Fixed plf.	2000	Replacement of HP and LP flare tips
Agip UK	UK	Balmoral	Semi Sub	2000	Replacement of HP flare tip
Agip UK	UK	Tiffany	Fixed plf.	2001	Replacement of HP flare tip
Statoil	Norway	Sleipner A	Fixed plf.	2001	Replacement of 2 flare tips
Statoil	Norway	Sleipner T	Fixed plf.	2001	Replacement of 3 flare tips
Talisman	UK	Claymore	Fixed plf.	2001	Replacement of HP flare tip (west)
Phillips Petroleum	UK	Judy	Fixed plf.	2001	Replacement of HP flare tip
Norsk Hydro	Norway	Oseberg D	Fixed plf.	2001	Test installation flare tip, Mongstad
Norsk Hydro	Norway	Oseberg D	Fixed plf.	2001	Replacement of HP flare tip



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Norsk Hydro	Norway	Brage	Fixed plf.	2001	Replacement of HP flare tip
BP Exploration	UK	Forties D	Fixed plf.	2001	Replacement of 4 flare tips
BP Amoco Norge	Norway	Gyda	Fixed plf.	2001	Replacement of 2 flare tips
BP Amoco Norge	Norway	Ula	Fixed plf.	2001	Replacement of 2 flare tips
TotalFinaElf	UK	Alwyn North	Fixed plf.	2001	Replacement of 3 flare tips
BP Amoco	UK	Forties B	Fixed plf.	2001	Replacement of 5 flare tips
Odfjell Drilling	Norway	Deep Sea Trym	Semi Sub	2002	Inst cylinder derrick
Amerada Hess	UK	Triton	FPSO	2002	Replacement of 1 flare tip
Shell Exploration	UK	Shearwater	Fixed plf.	2002	Replacement of 1 flare tip
BP Exploration	USA	Pompano	Fixed plf.	2002	Replacement 3 flare tips, onshore full scale test
BP Exploration	UK	Forties A	Fixed plf.	2002	Replacement of 5 flare tips
BP Exploration	UK	Forties C	Fixed plf.	2002	Replacement of 5 flare tips
Norsk Hydro	Norway	Troll C	Semi Sub	2002	Replacement of 1 flare tip
Petro Canada	Holland	Hanze	Fixed plf.	2002	Replacement of 1 flare tip
NAM (Shell)	Holland	F2	Fixed plf.	2002	Replacement of 1 flare tip
Mærsk Oil & Gas	Denmark	Tyra Øst	Fixed plf.	2002	Replacement of 2 flare tips
Shell Exploration UK	UK	Shearwater	Fixed plf.	2002	Replacement of 1 flare tip
Hibernia	Canada	Hibernia	Fixed plf.	2002	Replacement of 2 flare tips
Norsk Hydro	Norway	Snorre A	TLP	2002	Replacement of 1 flare tip
Shell Exploration	UK	Brent Delta	Fixed plf.	2002	Replacement of 2 flare tips
BP Exploration	UK	Bruce	Fixed plf.	2002	Replacement of 1 flare tip
Hibernia	Canada	Hibernia	Fixed plf.	2003	Replacement of 1 flare tip
Norsk Hydro	Norway	Oseberg C	Fixed plf.	2003	Replacement of 1 flare tip
Bluewater	UK	Bleo Holm	FPSO	2003	Replacement of 1 flare tip
Talisman	UK	Claymore	Fixed plf.	2003	Replacement of 1 flare tip
British Gas	UK	Armada	Fixed plf.	2003	Replacement of 1 flare tip



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BP Exploration	UK	Miller	Fixed plf.	2003	Replacement of 1 flare tip
Shell Exploration	UK	Cormorant Alpha	Fixed plf.	2003	Replacement of 1 flare tip
Exxon Mobil Canada	Canada	Thebaud	Fixed plf.	2003	Replacement of 1 flare tip
Statoil	Norway	Åsgard B	FPSO	2003	Replacement of 2 flare tips
Total	UK	North Alwyn	Fixed plf.	2003	Replacement of 1 flare tip
Bluewater	South Africa	Glas Dowl	FPSO	2004	Replacement of 2 flare tips
BP Exploration	USA	Marlin	Semi Sub	2004	Replacement of 2 flare tips
Shell Exploration	UK	Nelson	Fixed plf.	2004	Replacement of 1 flare tip
BP Norway	Norway	Valhall	Fixed plf.	2004	Replacement of 1 flare tip
Statoil	Norway	Snorre A	TLP	2004	Preparations and standby for replacement operation
Shell Exploration	UK	Anasuria	FPSO	2004	Replacement of 1 flare tip
BHP Billiton	UK	Douglas	Fixed plf.	2004	Replacement of 1 flare tip
Petro-Canada	Canada	Terra Nova	FPSO	2004	Replacement of 1 flare tip
Bluewater	UK	Bleo Holm	FPSO	2004	Replacement of 1 flare tip
Total	UK	North Alwyn	Fixed plf.	2004	Replacement of 1 flare tip
BP Amoco	UK	Bruce	Fixed plf.	2004	Replacement of 6 flare tulips
Marathon Oil	UK	Brae B	Fixed plf.	2004	Replacement of 1 flare tip Replacement of deck heat shielding
Shell Exploration	USA	Enchilada	Fixed plf.	2005	Replacement of 1 flare tip
Shell Exploration	UK	Fulmar	Fixed plf.	2005	Replacement of HP/LP flare tips
Norsk Hydro	Norway	Oseberg A	Fixed plf.	2005	Replacement of HP flare tip
Talisman	UK	Calymore	Fixed plf.	2005	Replacement of HP flare tip
NAM	Holland	F3B	Fixed plf.	2005	Replacement of HP flare tip
Maersk Oil & Gas	Denmark	Tyra West	Fixed plf.	2005	Replacement of HP flare tip
Shell Exploration	USA	Mobile Bay 112	Fixed plf.	2005	Replacement of 1 flare tip
BP UK	UK	Schiehallion	FPSO	2005	Replacement of 1 flare tip



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Bluewater	South Africa	Glas Dowr	FPSO	2005	Replacement of 1 flare tip
Petrobras	Brazil	P-33	FPSO	2006	Replacement of HP/LP flare tips
Statoil	Norway	Visund	Floating plf.	2006	Replacement of 1 flare tip
Statoil	Norway	Snorre	TLP	2006	Replacement of 1 flare tip
Maersk Contractors	UK	Curlew	FPSO	2006	
Total	UK	North Alwyn	Fixed Plt.	2006	
Shell	UK	Brent Bravo	Fixed Plt.	2006	
Petrobras	Brazil	P-43	FPSO	2006	
Aker Kvaerner	Norway	Troll B	Semi Sub	2006	
Talisman	UK	Saltire	Fixed Plt.	2006	
Talisman	UK	Piper B	Fixed Plt.	2006	
ExxonMobil	USA	MB 112	Fixed Plt.	2006	
Shell	UK	Nelson	Fixed Plt.	2006	
Nexen	UK	Scott	Fixed Plt.	2006	
CNR	UK	Tiffany	Fixed Plt.	2006	
Hibernia	Canada	Hibernia	Fixed Plt.	2006	
Talisman	UK	Montrose	Fixed Plt.	2006	
Maersk Oil & Gas	Denmark	Tyr East	Fixed Plt.	2006	
Maersk Oil & Gas	Denmark	Harald	Fixed Plt.	2006	
Maersk Oil & Gas	Denmark	Gorm	Fixed Plt.	2006	
BHP	UK	Douglas	Fixed Plt.	2006	
Petro Canada	Canada	Terra Nova	FPSO	2006	
Chevron Texaco	UK	Alba	Fixed Plt.	2006	