

Project Experience – Tailor Made Living Quarters (10 years)

Client	Field name	Region	Description	Type of Installation	Delivery Year	Size	Regulations
Statoil	Johan Sverdrup	Norway	Accommodation levels on JS Utility and Living Quarter (ULQ) platform	Jacket	2018 (Ongoing)	14 500m ² (560 POB)	NORSOK
BP	Mahogany B	Trinidad	Trinidad Accommodations Project (TAP)	Jackets (Existing)	2017 (Ongoing)	1082m ² (70 POB)	Trinidad Rules & Regulations
BP	Shah Deniz Stage 2	Caspian	Living Quarter Module and Helideck	Jacket	2016 (Ongoing)	2700 m ² (100 POB / 1175 mT)	UK Rules & Regulations
BP	Sargachal Terminal	Caspian	Onshore Terminal Control Room	Land Based	2016 (Ongoing)	1600 m ²	UK Rules & Regulations
SHI / Total	Martin Linge	Norway	Living Quarter Module and Helideck	Jacket	2016 (Ongoing)	3640 m ² (95 POB)	NORSOK
BP	Chirag Oil Project (COP)	Azerbaijan	Living Quarter Module and Helideck	Fixed Platform	2013	2630 m ² (174 POB / 165 mT)	UK Rules & Regulations
Brunei Shell Petroleum	Champion 7	Brunei	Living Quarters	Fixed Platform	2012	3670 m ² (241 POB / 1778 mT)	Shell Design & Engineering Practice (DEP) + Local Regulations
Carigali/Shell	Sarawak B-11	Malaysia	Living Quarter Module	Jacket	2008	1099 m ² (42 POB / 688 mT)	Shell Design & Engineering Practice (DEP) + Local Regulations
MPF Corp/ COSCO	MPF 01	Norway/ China	FDPPO Deckhouse	FPSO	(2008)/2010	3600 m ²	DNV
Aker/Exxon Mobil	Adriatic	Adiatic Sea	Living Quarter Module and Helideck	Gravity Based Structure	2007	2075 m ² (63 POB)	Italian Rules & Regulations
Pemex/ IcaFluor	Cayo Arcas	Mexico	Living Quarters Module	Jacket	2007	2300 m ²	Pemex B-1/Mexico
PTTEP	Arthit	Thailand	Living Quarters Module	Jacket	2007	1200 mT (160 POB)	UK Rules & Regulations
Pemex	Ku-Maloob-Zaap & Ha-Ku-H	Mexico	2 off Living Quarter Modules	Jacket	2007	2x 3000 m ²	Pemex B-1/Mexico
BP/AIOC	DUQ (Chirag Full Field phase 3)	Azerbaijan	Living Quarter Module and Helideck	Jacket	2006	2620 m ² (198 POB / 1150 mT)	UK Rules & Regulations
BP/AIOC	East Azeri	Azerbaijan	Living Quarter Module and Helideck	Jacket	2006	2620 m ² (198 POB / 1150 mT)	UK Rules & Regulations
BP/AIOC	West Azeri	Azerbaijan	Living Quarter Module and Helideck	Jacket	2005	2620 m ² (198 POB / 1150 mT)	UK Rules & Regulations
Statoil	Kristin	Norway	Living Quarter Module and Helideck	Semi-submersible	2004	3600 m ² (104 POB / 2000 mT)	NORSOK

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BP/AIOC	Central Azeri	Azerbaijan	Living Quarter Module and Helideck	Jacket	2004	2620 m ² (198 POB / 1150 mT)	UK Rules & Regulations
BP	Mad Dog	GOM	Living Quarter Module and Helideck	SPAR	2004	1950m ² (128 POB / 1220 mT)	USCG
Norsk Hydro	Grane	Norway	Living Quarter Module and Helideck	Jacket	2003	2700 m ² (108 POB / 1450 mT)	NORSOK

Project Experience – LQ Extensions and Upgrades (10 years)

Client	Field name	Region	Description	Type of Installation	Delivery Year	Size	Regulations
AMEC / BP	ETAP ALQ	UK	Living Quarters Extension	Jacket (Existing)	2015 (Ongoing)	544 m ² (28 POB)	UK Rules & Regulations
Worley Parsons / ExxonMobil	Hebron	New Foundland	18 off self contained Temporary LQ modules - to be utilized during HUC	Concrete Base Structure (CBS)	2015	615 m ² (59 POB)	CSA
AMEC / BG	Lomond	UK	Living Quarters Extension	Jacket (Existing)	2014	475 m ² (24 POB)	UK Rules & Regulations
Statoil	Heimdal	Norway	Additional Office Modules	Jacket (Existing)	2013		NORSOK
BP	Mad Dog	GOM	Additional Gym Module + Refurbishment of existing LQ Areas	Jacket (Existing)	2013		US Coastguard
Songa Offshore	Songa Delta		Additional Accommodation Module and helideck	Semi-submersible	2012	357 m ² (16 POB)	NORSOK
BP	Mad Dog	GOM	Additional Office Complex	SPAR	2010		USCG
Statoil	Oseberg West	Norway	Additional Operator Office Module	Jacket	2009		NORSOK
Heerma Marine Contractors (HMC)	Balder		Living Quarter Extension	Vessel	2006	240 m ² (95mT)	European Standards
Transocean	Deepwater Discovery	The US	Living Quarter Extension	Drillship	2006	180 MT (40 POB)	ABS
Petro Canada/KBR	Terra Nova	Canada	Living Quarter Extension	FPSO	2006	500 MT (46 POB)	LRS Approved
BP	Schiehallion	Shetland Islands	Living Quarter Extension	FPSO	2005	320 m ² (204 mT)	UK Rules & Regulations
Consafe Offshore	Safe Astoria		Living Quarter Extension	Semi-submersible	2004	1230 m ² (200 POB / 430 mT)	ABS
Consafe Offshore	Safe Scandinavia		Living Quarter Extension	Semi-submersible	2003	2200 m ² (256 POB / 755 mT)	ABS

Client	Field name	Region	Description	Type of Installation	Delivery Year	Size	Regulations	Man-hours
BP	Sangachal Terminal	Caspian	Basic Design of Onshore Terminal Control Room	Onshore Building	Ongoing	1600 m ²	UK Rules & Regulations	6 000
BP	Amherstia/Mahogany B	Trinidad	LQ Concept Design for 2 separate existing platforms	Jackets (Existing)	Ongoing	2 x 875m ² (2 x 70 POB)	Trinidad Rules & Regulations	6 500
Husky Energy/Mustang	White Rose	New Foundland	LQ RFP/FEED Design	Gravity Based Structure (GBS)	Ongoing	3500m ² (130 POB)	New Foundland Rules & Regulations	10 000
Talisman	YME	Norway (NCS)	LQ Concept Study	Jack-up Rig	2013	6600m ² (120 POB)	PSA, Norsok, NMD and class (DNV)	1700
BG/AMEC	Lomond	UKCS	LQ Concept Study	Jacket	2013	475m ² (24 POB)	BG Standard	1790
BP	Mad Dog	GOM	LQ Extension Concept Study	Jacket	2012	300m ² (40 POB)	US Coast Gard	1000
Chevron/Worley Parsons	Rosebank	UKCS	LQ Concept Study	FPSO	2012	4500m ² (180 POB)	UK Rules & Regulations	1 500
BP	Amherstia/Mahogany/Cassia/	Trinidad	LQ Basic Design / Concept Studies	Jackets (Existing)	2011-2012	(30-120 POB)	Trinidad Rules & Regulations	10 000
BP	Shah Deniz 2	Caspian	LQ Concept study	Jacket	2011	2700m ² (100 POB)	UK Rules & Regulations	1 000
BG	Dolphin	Trinidad	LQ Concept Study	Jacket (Existing)	2010	1330m ² (23 POB)	Trinidad Rules & Regulations	1 000
Chevron	Big Foot	GOM	LQ Concept Study		2009	2500m ²	US Coast Gard	500
BP	Northstar	Alaska	LQ Concept Study	Man-made Island	2009	1500m ²	Alaska Rules & Regulations	500
BP	Chirag (COP)	Caspian	LQ Concept Study (174 POB / 2640m ²)	Jacket	2008	2640m ² (174 POB)	UK Rules & Regulations	500
Conoco Phillips	Ekofisk G2/4L	Norway (NCS)	LQ FEED Design (505 POB / 10 000m ²)	Jacket	2008	10 000m ² (505 POB)	NORSOK	20 000
Statoil	Troll A LQE	Norway (NCS)	LQ Concept Study (150 POB / 6000m ²)	Jacket (Existing)	2007	6000m ² (150 POB)	NORSOK	1 000
Statoil	Gjøa	Norway (NCS)	LQ Concept study (120 POB / 3600m ²)	Semi-submersible	2006	3600m ² (120 POB)	NORSOK	1 000

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Siemens	Waimea Field (OGX)	Brazil	2 off Drilling Power Modules	Fixed Platform	2013	2x367 m ² (2x430 mT)	Brazilian Rules & Regulations DNV certification
Wärtsilä	Goliath FPSO	Norway	2 off Direct Electric Heating (DEH) Modules	FPSO	2012	2x37m ² (2x33 mT)	NORSOK DNV certification