

Mooring Systems

Year	Country	Field of activity	Description of activity
2023	Brazil	FSRU	Technical assistance for FPSU mooring feasibility in shallow water - EXMAR
2023	KSA	Desalination barges	Temporary mooring of desalination barge - Shipcare
2022	France	FOWT	Feasibility study for FOWT storage – South of France
2022	Guinea	CBM	FEED for one CBM mooring system - PARLYM
2022	Angola	FPSO	Offshore supervision of polyester rope mooring line replacement Kaombo –Total E&P
2021-2022	Ivory Coast	CBM	Basic design CBM mooring system - SIR
2021	Senegal	CBM	FEED for 2 CBM mooring systems – TOUBA OIL
2021	Senegal	CBM	FEED for 2 CBM mooring systems - SAR
2020	France	Floating wind Turbine	Assistance to mooring system design – West of France
2020 – on-going	France	Floating wind Turbine	Assistance to mooring system design – South of France
2020	Angola	FPSO	Mooring lines extension study – TOTAL E&P
2020	Angola	FPSO	Mooring line repair Kaombo –Total E&P
2019 - 2020	Argentina	FLNG	FLNG berthing layout optimization - EXMAR
2019	Angola	FPSO	Mooring lines replacement – Girassol – TOTAL E&P
2018 – 2019	Angola	FPSO	Mooring lines hook-up to FPSOs - Kaombo – Total E&P
2018-2019	Cameroon	CBM	Rehabilitation of terminal - Sonara
2018 - 2019	Angola	FPSO	Turret integration coordination – Kaombo –Total E&P
2018	Puerto Rico	Quay	2013 study update – Saint Thomas – Total
2017	Senegal	CBM	FEED for a new terminal – Dakar – Local consortium
2017	Madagascar	CBM	Documentation review before installation works – Majunga - Principia
2016	Angola	FPSO	Prelay of mooring lines deepwaters - Kaombo – Total
2016	various	FLNG	Mooring concept – Exmar
2015	Congo	CALM & CBM & jetty	Feasibility study for a new terminal – Pointe-Noire – Coraf
2015	France	jetty	Basic and FEED for terminal replacement – Nouméa – Sogadoc
2014-2016	Angola	FPSO	Mooring engineer – Kaombo – Total
2014	Ivory Coast	SPM	Assistance to overhaul – Sir2 – Sir
2014	France	CBM	Existing terminal improvement – Frontignan – Bp

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2013-2016	Nigeria	FPSO	Mooring engineering, fabrication and installation follow-up – Egina – Total
2013	Ivory Coast	CBM	CBM chains replacement – Sir1 – Sir
2013	USA	CBM	Terminal configuration and improvement opportunities – San Juan – Total
2013	Puerto Rico	Quay	Terminal configuration and improvement opportunities – Saint Thomas – Total
2103	Benin	CBM	CBM design for Contractor – Sèmè – Geocean
2013	Tunisia	SPM	Prefeasibility study for Ashtart terminal extension – Total
2012	France	CBM	Mayotte CBM sizing verification – Terminal des Badamiers – Jifmar
2012	Equatorial Guinea	Quay	Tanker terminal – Bata – Total
2012	France	Quay	La Réunion loading arm specification writing – Le Port – Srpp
2012	Ivory Coast	CBM	Call for tender writing for chain replacement – Sir1 – Sir
2012	Ivory Coast	CBM	Interface between CBM and communication cable – Sir1 – Sir
2011	Ivory Coast	CALM & CBM	Redaction of operating and maintenance manual for terminals – Sir
2011	Sierra Leone	CBM	Terminal import – Pepel – Total
2011	Lithuania	FSRU	FEED – Exmar
2011	France	CBM	Increasing the size of vessels at terminal – Frontignan – Bp
2010	Tanzania	SPM	Technical consultancy for a new CALM buoy – Dar Es Salaam – Leighton
2010	France / Australia	FLNG	Mooring engineer for the SHELL FLNG – Prélude – Technip
2010	Cameroon	FSO	Basic engineering of conversion of Suezmax tanker into a FSO – Euronav
2009	Lebanon	CBM	Engineering of a new CBM terminal – Dora – Total
2008	Nigeria	CBM	New products terminal – Lekki – Total
2008	France	CBM	New terminal studies for imported products – Edf-Cit
2008-2012	Angola	FPSO	Mooring engineer – CLOV – Total
2008-2011	Nigeria	FPSO	Interfaces management – Usan – Total
2007-2008	Cameroon	Port facilities	Supervision of repairs of jetty and berthing dolphins – Limbé – Sonara
2007	Cameroon	CBM	Sizing and installation supervision of a temporary CBM – Limbé – Sonara
2005	Congo	SPM	Overhaul of LPG FSO turret – NKS2 – Total Congo
2005-2006	Angola	FPSO	Mooring engineer – Akpo – Saipem
2005-2006	Angola	FPSO	Installation management – Dalia – Total Angola

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2005	France	FPSO	Conceptual study of a generic FPSO hull – Total
2005-2008	Congo	FSU	Interfaces management – Moho Bilondo – Total Congo
2005-2006	Nigeria	FPSO	Naval architect – Akpo – Total Nigeria
2004-2005	Kazakhstan	SPM	Feasibility studies of 5 loading terminals – Kashagan – Total
2004	Angola	FSO	Marine audit – Palanca – Stapem Offshore
2004	Somaliland	CBM	Project management of a new CBM – Berbera – Total r&m
2003	France	CBM	Management of a new CBM terminal – Port La Nouvelle – Total
2003-2005	Angola	FPSO	Construction coordination for FPSO – Dalia – Total Fina Elf
2002	Ivory Coast	SPM	Overhaul of CALM buoy – Sir2 – Sir
2002	Senegal	CBM	Modifications of CBM – Sar
2002	Angola	SPM	Repairs management of the CALM buoy – Girassol – Tfe
2002-2008	Congo	FSU	Installation manager of the spread moored FSU – Moho-Bilondo – Tfe
2001	Senegal	CBM	Audit of 2 CBM in Dakar – Sar
2001-2002	Lybia	FSO/SPM	Engineering of FSO and its mooring system – CPTL 137B – Doris Engineering
2001-2002	Thailand	FSO/SPM	Hull design & construction management for a new built FSO in China – PTT e&p
2001	France	SPM	General specifications for CALM buoys – Total
2001	Brazil	FPSO	Mooring conceptual study – Estrella Coral – Exmar
2001-2003	Nigeria	FSO	Engineering coordination – Amenam – Elf Petroleum Nigeria
2000	Cameroon	SPM	Audit of a CALM buoy – Perenco Cameroun
2000	Angola	FPSO	Technical specifications for a generic FPSO – Doris Engineering
2000	Nigeria	SPM	Audit of a CALM buoy – Totalfina