



**NESSCO**  
*never beyond reach*



Project Experience List

Location	Project Name	Client	Operator	Scope
Qatar	Barzan LNG Plant	Chiyoda	RasGas	Telecommunications and Security FEED 2
Kazakhstan	Kazakhstan - China Crude Oil Pipeline Project, Phase II	Zeinet	KCCP	Technical Design Authority. Approval and quality checking of all design documentation.
Brazil	Delba III	SBM	Petrobras	Engineering, Procurement, Build of a Telecoms System. Equipment includes : Telephone System, Public Address & General Alarm System, LAN, GMDSS System, Marine VHF Radios, Aeronautical VHF Radio System, Non Directional Beacon, Telecoms ESD, Entertainment System, VSAT System.
Iran	South pars 15 &16 (Onshore)	Sepanir	POGC	Engineering, Procurement, Build of a Telecoms System. Equipment includes : Fibre optic system, PABX, Hotline telephone system, UHF trunked radio system, VHF Marine radio system, General Alarm system, Public Address system, CCTV System, UHF paging system, Access control system, Anti Intrusion system, LAN, Telecommunications tower.
UK	Immingham CHP	Foster Wheeler		Contract for the supply, installation and commissioning of telecommunications equipment for Immingham CHP. Equipment supplied included Public Address System, CCTV, Structured Cabling, UHF Radio, Telephones, Beacons and Loudspeakers.
UAE	Radio Survey	Trust Technical Services	Gasco	Radio Survey of Plant radio systems

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Australia	North Rankin Redevelopment	EOSJV	Woodside	Engineering, Procurement, Build of a Telecoms System. Equipment includes : CCTV system, Radio (UHF, VHF Marine, VHF airband and Crane radio), Satellite systems and Radar.
Brazil	Pipa II (Dynamic producer)	Petroserv	Petrobras	Engineering, Procurement, Build of a Telecoms System. Equipment includes : CCTV system, Energy System, Navigational aids, LAN, Drillers and DP operations talkback system, Non Directional Beacon, PAGA system, Radio and GMDSS system, Offloading telemetry system, PABX and TVRO system
Nigeria	Bonga CCTV	Radial Circle	Shell	Engineering, Procurement for the expansion of an existing CCTV system Telecoms System.
Brazil	P-57	SBM	Petrobras	Engineering, Procurement, Build of a Telecoms System. Equipment includes : Telephone System, Public Address & General Alarm System, LAN, GMDSS System, Marine VHF Radios, Aeronautical VHF Radio System, UHF radio, Navigational aids, Crane Radios, Entertainment System, VSAT System Weather system, video conferencing, ESD system and CCTV
Brazil	Norbe VI	SBM	Petrobras	Engineering, Procurement, Build of a Telecoms System. Equipment includes : Telephone System, Public Address & General Alarm System, LAN, GMDSS System, Marine VHF Radios, Aeronautical VHF Radio System, Non Directional Beacon, Crane Radios, Entertainment System, Redundant VSAT System.
UK	Babbage	EoN Ruhrgas	EoN Ruhrgas	Engineering, Procurement, Build, Installation, Commissioning of a Telecomms System. Equipment includes : LoS Radio, Met system, VSAT, LAN, Hotline, TVRO, PABX, Marine VHF, Aeronautical VHF, UHF Radio, PAGA

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Australia	North Rankin Redevelopment General telecoms	EOSJV	Woodside	Engineering, Procurement, Build, Installation, Commissioning of a Telecomms System. Equipment includes : Equipment enclosures, met system, Entertainment system and cinema, Video conferencing, Nurse call, and LoS Radio
UK	Buzzard Enhancement	Nexen	Nexen	Engineering, Procurement, Build, Installation, Commissioning of a Telecomms System. Equipment includes : PAGA,PABX,CCTV, Muster and Alternate Muster Station,Trunked Radio, LAN, Crane radio, Radar and bridge cabling
Brazil	P-56 Floating Production Unit	FSTP	Petrobras	Design, assembly, FAT testing and commissioning of the communications system including Duplicated Public Address/General Alarm system, Stabilised TVRO with Ku- and C-band receivers, GMDSS System, Telephone system, LAN System, AC/DC energy system, Maintenance Instruments, UHF Passive Antenna System.
Brazil	Lone Star Drilling Rig	SBM Atlantia	Petrobras	Engineering, Procurement, Build of a Telecoms System. Equipment includes : Telephone System, Public Address & General Alarm System, LAN, GMDSS System, Marine VHF Radios, Aeronautical VHF Radio System, Non Directional Beacon, Crane Radios, Entertainment System, Redundant VSAT System.
Peru	LNG Plant	CB&I	Peru LNG	Engineering, Procurement, Build, Installation, Commissioning of a Telecoms System. Equipment includes : Telephone System, UHF Trunked Radio System, UHF Paging Systems, VoIP Public Address System, General Alarm System, VHF Marine Radio System, CCTV Systems, Access Control Systems, Fibre Optic Systems, LAN/WAN System.

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Norway	MOPUstor - Yme Field Re-Development	Gusto/SBM	Talisman	Engineering, procurement, build of integrated telecoms system for the MOPUstor production / storage platform. Systems included PA/GA, Telephone, GMDSS A2 Radio System, VHF & UHF operations radios, crane radios, NDB, Fleet 77, offloading tanker telemetry system, DARPS, Telecoms ESD, CCTV, satellite TV entertainment system, navigational aids and a comprehensive weather and sea state monitoring system.
Brazil	Olinda Star Platform Refurbishment	Queiroz Galvao	Star Drilling (Petrobras)	Engineering, Procurement, Build, Installation, Commissioning of a Telecomms System. Equipment includes : Telephone System, Public Address & General Alarm System, LAN, GMDSS System, Marine VHF Radios, Aeronautical VHF Radio System, Non Directional Beacon, Entertainment System, Cinema System, VSAT System, Structured Cable Network.
India	Smart-01 FPSO	Aker Floating Production	Reliance	Engineering, Procurement, Build, Installation & Commissioning of CCTV System, Public Address & General Alarm System, a fully distributed entertainment system including stabilised TVRO. Dual stabilised VSAT antennas, Distribution boxes for Telephone and PA Systems, LAN/WAN, GMDSS System, Marine VHF Radios, Aeronautical VHF Radio System, Non Directional Beacon, Crane Radios.
Yemen	Yemen LNG radio	Spie	Yemgas	

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Brazil	FRADE FPSO	SBM Atlantia	Chevron	Engineering, Procurement, Assembly and Test of Telecomms Systems for the Frade FPSO. Equipment includes : Telephone System, Public Address & General Alarm System, CCTV System, LAN/WAN, GMDSS System, Marine VHF Radios, Aeronautical VHF Radio System, Non Directional Beacon, Crane Radios, Entertainment System, Meteorological System, VSAT System, UHF Radio System.
Brazil	PMXL-1 Platform	Maua Jurong	Petrobras	Design, fabrication, installation and commissioning of the communications system including duplicated public address/general alarm system, Safe & Hazardous Area CCTV system, TVRO with stabilised Ku- and C-band receivers, global marine distress equipment, telephone system and AC/DC energy system, as well as optimised hand portable to hand portable UHF radio coverage onboard the vessel.
Angola	Saxi-Batuque FPSO	SBM		Design and fabrication of the communications system including duplicated public address/general alarm system, entertainment system including C-band stabilised TVRO with receivers, global marine distress equipment, telephone system as well as optimised hand portable to hand portable UHF radio coverage onboard the vessel.
Australia	North Rankin 'A' Platform, Angel Field	Transfield Worley		Build and supply a range of radio systems including a UHF radio repeater, remote access redundant marine band and VHF airband transceivers, and an emergency VHF shore link. By integrating the Angel and North Rankin A (NRA) platform communications, NesscoInvsat enables operation of the radios installed on the Angel platform by users on the NRA, and vice versa.

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Angola	Mondo FPSO	SBM		Design and fabrication of the communications system including duplicated public address/general alarm system, entertainment system including C-band stabilised TVRO with receivers, global marine distress equipment, telephone system, as well as optimised hand portable to hand portable UHF radio coverage onboard the vessel
UK	South Hook LNG Import Terminal, South Wales	CB&I John Brown	SHLNG	Provision of plant PABX, plant Radio system, Public Address and General Alarm (PA/GA), marine radio for ship/shore communications, integrated and site security and surveillance systems and overall network management system.
Brazil	P-51 FPU	FSTP	Petrobras	Design, assembly, FAT testing and commissioning of the communications system including Duplicated Public Address/General Alarm system, Stabilised TVRO with Ku- and C-band receivers, GMDSS System, Telephone system, LAN System, AC/DC energy system, Maintenance Instruments, UHF Passive Antenna System. Also provided on-site training.
Brazil	P-34 FPSO	GDK	Petrobras	Major refurbishment work on this FPSO, Invsat was responsible for supply, installation and commissioning of a fully wired GMDSS radio console and back up console including HF/MF, VHF/UHF, non-directional beacon and airband radios, upgrade to public address / general alarm and intercom system.

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Brazil	P-54 FPSO	Maua Jurong Shipyard	Petrobras	Supply, installation and commissioning of a fully wired GMDSS radio console and back up console including HF/MF, VHF/UHF, non-directional beacon and airband radios, public address / general alarm and intercom system, a fully distributed entertainment system including two KU and one C Band stabilised satellite terminals. Distribution boxes for Telephone and PA Systems. Telecoms rectifiers, AC and DC distribution boards
Brazil	P-52 FPSO	FSTP	Petrobras	Supply, installation and commissioning of a fully wired GMDSS radio console and back up console including HF/MF, VHF/UHF, non-directional beacon and airband radios, public address / general alarm and intercom system, a fully distributed entertainment system including one KU and one C Band stabilised satellite terminal. Distribution boxes for Telephone and PA Systems.
Iran	South Pars Phase 4&5	Hyundai Engineering and Construction Co.	POGC	Design, supply, installation and commissioning of VSAT and LOS communications systems for offshore and onshore locations. Work includes interfacing with existing systems. Responsible for ensuring smooth cut over from existing services onto new VSAT/LOS systems on a live network.
Brazil	P-50 FPSO	Siemens	Petrobras	Supply, installation and commissioning of a fully wired GMDSS radio console including HF/MF, VHF/UHF, non-directional beacon and airband radios, telephone exchange and associated equipment, public address / general alarm and Intercom system, microwave radio link and multiplexers, a fully distributed entertainment system including one KU and one C Band stabilised satellite terminal.

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Iran	South Pars Phase 4&5	Hyundai Engineering and Construction Co.	POGC	Provision of telecommunication package for onshore and offshore platforms SPD 5 & 6, South Pars 4 & 5 Project. The scope of supply includes equipment supply, engineering, system integration, commissioning of SDH network, UHF radio, PABX, PAGA, CCTV, aeronautical radio, marine radio, security system, etc.
Brazil	P-43 FPSO	KBR	Petrobras	Supply, installation and commissioning of a fully wired GMDSS radio console including HF/MF, VHF/UHF, non-directional beacon and airband radios, telephone exchange and associated equipment, public address / general alarm and Intercom system, microwave radio link and multiplexers, C Band VSAT terminal and a fully distributed entertainment system including one KU and one C Band stabilised satellite terminal. Maintenance test equipment is also being supplied.
Brazil	P-48 FPSO	KBR	Petrobras	Supply, installation and commissioning of a fully wired GMDSS radio console including HF/MF, VHF/UHF, non-directional beacon and airband radios, telephone exchange and associated equipment, public address / general alarm and intercom system, microwave radio link and multiplexers, C Band VSAT terminal and a fully distributed entertainment system including one KU and one C Band stabilised satellite terminals. Maintenance test equipment also supplied.
Algeria	HBBC Camp Comms	Anadarko	Sonatrach	Supply, installation and commissioning of base camp PA and alarm system, together with a distributed entertainment system, PABX, close circuit TV and LAN facility.

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Nigeria	Bonga FPSO	Samsung Heavy Industries	Shell	Supply, installation and commissioning of a fully wired GMDSS radio console including HF/MF, VHF/UHF, non-directional beacon and airband radios, telephone equipment, public address and general alarm system, meteorological and environmental system, CCTV system and a fully distributed entertainment system including stabilised satellite technology.
Nigeria	EA FPSO	Samsung Heavy Industries	Shell	Supply, installation and commissioning of a fully wired GMDSS radio console including HF/MF, VHF/UHF, non-directional beacon and airband radios, telephone equipment, public address and general alarm system, meteorological and environmental system, CCTV system and a fully distributed entertainment system including stabilised satellite technology
Brazil	Marlim Sul FPSO	Gusto/SBM	Petrobras	Design, supply, installation and commissioning of complete FPSO communications systems including PAGA, GMDSS, Aeronautical Radio, Telecoms Supervisory System, Non Directional Beacon, PABX and Telephone System.
Australia	Enfield FPSO	Samsung Heavy Industries	Woodside	Design, supply, installation of complete FPSO communications systems including PA/GA, Trunked Radio System, Radio Remote Control Console System, GMDSS, Aeronautical Radio, Telecoms Supervisory System, Non Directional Beacon.
Kazakhstan	Kashagan Project	Agip	Thales Security Solutions & Services Spa	Engineering, procurement, build and testing of marine and aeronautical Radio Equipment Systems, inmarsat and NDB

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Azerbaijan	Azerbaijan Northern Route Pipeline	Honeywell	AIOC (Azerbaijan)	This project was in two phases, the first to provide a temporary VHF network to allow mobile communications along the pipeline route for construction purposes. This involved erecting towers and building equipment cabins to house the equipment. The second phase was to install a Ku band VSAT system to provide permanent voice and data communications. This consisted of a hub site at the Sangachal Oil Terminal, some 100km south of the Azerbaijan capital, Baku, and then three remote outstations on the pipeline route.
Qatar	Ras Laffan refinery	Qatar General Petroleum Corp		Design, supply, installation and commissioning of a major telecoms system upgrade at Ras Laffan Industrial City. An integrated system including fibre optic cable system, PA/GA, office intercom, CCTV system, meteorological system and radio operator equipment console.
Libya	Elephant Onshore Installation	MAN GmbH, Germany	Agip Oil, Libya	Supply, installation and commissioning of telecommunications equipment for the Elephant Oil Field. Equipment supplied included a distributed Fibre Optic Cable System, PDH/SDH Multiplexing System, Public Address/General Alarm System, Beacons and Loudspeakers, CCTV System, Intruder Detection System, Meteorological System, Video Conferencing System, LAN System and Hotline System
Iran	South Pars	Petropars		Provision of call for tender documentation and design documents for major onshore and offshore fibre optic network.

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Iran	South Pars	Total	FinaElf	Commissioning of Frame Relay TDMA/DAMA SCADA system between the platforms SPD 4 & 5 and Onshore facilities for the South Pars Phases 2 & 3 Project.
UK	Jade Platform	AMEC	ConocoPhillips	Supply of all telecommunications equipment and systems for the new unmanned Jade platform which is installed in the North Sea. The systems being supplied include 13 GHz Digital Line of Sight radio; 7.5 GHz Digital Line of Sight radio; Cisco IGX, 5505 & 3660 systems; Public Address & General Alarm; CCTV; Marine & air band VHF radio system; Non-directional beacon; UHF platform radio system; Mitel telephone system; Hotline telephone system; Meteorological system; Crane radio system; Entertainment system; GMDSS equipment.
Iran	Soroosh/Nowrooz	NPCC/Technip	Shell	A turnkey project for the complete telecommunications infrastructure on 8 offshore platforms. Equipment supplied included LOS Radios, Multiplexers, Satellite terminals, PA/GA, CCTV, Marine and Aeronautical Radio, Entertainment and Meteorological System
Venezuela	CoroCoro Offshore Field Development	ConocoPhillips		Engineering, Procurement, Build, Installation, Commissioning of a Telecomms System. Equipment includes : Telephone System, Public Address & General Alarm System, CCTV System, LAN/WAN, GMDSS System, Marine VHF Radios, Aeronautical VHF Radio System, Non Directional Beacon, Crane Radios, Entertainment System, Meteorological System, UPS, Shutdown Radio Telemetry, VSAT System, Microwave Radio System, UHF Digital Radio System, Repeater Links and Emergency Control Centre.

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Nigeria	“East Area” Project offshore platform	Technip Far East (Malaysia)	ExxonMobil Producing Nigeria Unlimited	Design, supply, installation and commissioning of a telecoms system for EPC-1A Gas Compression and Quarters Platforms for East Area Projects located approx. 35km offshore Nigeria. Equipment included : Inmarsat-B System, PABX, Microwave Radio System, TETRA System, VHF AM & FM Radio System, HF SSB Radio System, Public Address & Emergency Alarm System, Entertainment System, CCTV System, Crane Radios, Lifeboat and Life raft Radios, LAN.
Eire	Corrib Gas Terminal	Amec	Shell Oil, Ireland	Design, supply, project management and commissioning of telecommunications system for the Corrib Gas Terminal in the West of Ireland including PABX, UHF Radios and Plant Radio System Infrastructure, Structured wiring for LAN/Data and Voice, a comprehensive CCTV and Fence Security System covering both fixed perimeter and pan, along with tilt safe area cameras and hazardous area cameras for the Plant’s Zone 1 designated areas. Fence monitoring with interface cameras to provide early intruder detection also forms part of the package.
Australia	Bayu-Undan project	ConocoPhillips		Supply, installation and commissioning of VSAT satellite system for Bayu-Undan Project. The satellite system facilitates voice and data links between the offshore Compression, Utilities and Quarters Platform located in the Timor Sea and Phillips Petroleum headquarters in Darwin