



Survey and Positioning Services

1. Rig Monitoring and Rig Move

Based on Client's needs, real time monitoring of rigs, jack ups, accommodation and crane barges, etc. either in long term move or in special coordinate could be provided by [Eagles Offshore Survey Ltd](#). High accuracy DGPS will be used together with high quality and standard navigation software to accomplish these services in proper manner.



2. Anchor Handling

Anchor handling is a very important and difficult operation which could become easier and safer if a experienced positioning team is employed.

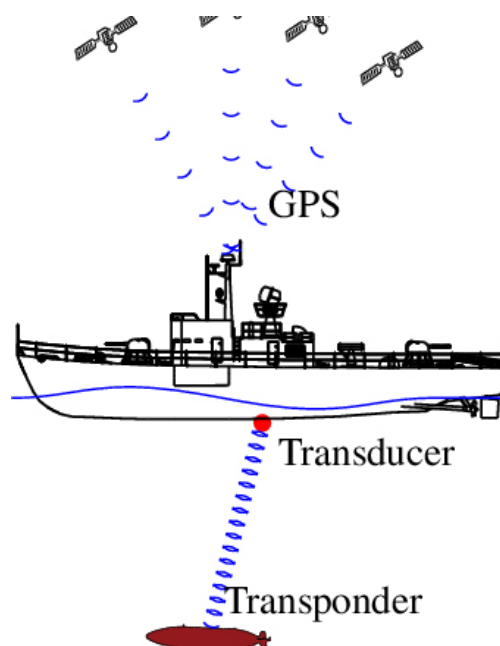


Eagles offers a team of professional surveyors who performed anchor handling services for different type of vessels such as crane barges and semi-submersible units either in shallow or in deep water.



3. UnderWater Positioning

Based on Client's needs, real time positioning and monitoring of under water operations such as crossing supports installations, pipe line or PLEM installations, etc. either in long term move or in special coordinate could be provided by [Eagles](#). High accuracy subsea equipment such as under water Gyro system and USBL or LBL systems will be used together with high quality and standard navigation software to accomplish these services in proper manner.



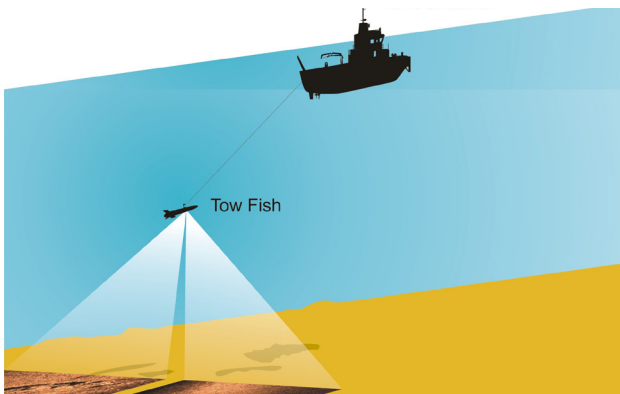
4. Jacket Installation

With respect to size of jackets, water depth and crane barges, positioning services could be different. But in all of jacket installation services, an accurate Gyro Compass and accurate DGPS or RTK GPS shall be employed to place the jacket in the right place and orientation. Dimensions and final position and orientation of jacket are important parts of jacket installation which shall be done by positioning team right after jacket installation or after installation of upper decks. [Eagles](#) offers fine solution for all of jacket installation and dimensional control services.



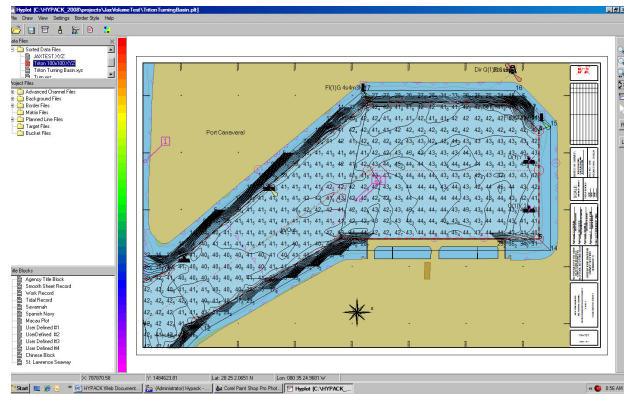
5. Geophysical Survey

[Eagles Offshore Survey Ltd](#). Based in Tehran provides all types of survey services to a wide range of Clients. A team of professional, highly motivated offshore staff backed by an effective base has resulted in a wide client base. [Eagles](#) offers a wide range of geophysical survey services such as pipeline route surveys, pre-installation surveys, inspection surveys, etc. using the latest technology.



6. Hydrography and Bathymetric Survey

Water depth is a very important parameter in study and execution of projects which should be determined by hydrographic survey. So that a high resolution single/multi beam echo-sounder together with a high accuracy RTK GPS shall be connected to standard hydrographic software. **Eagles** provides hydrographic survey with the best echo-sounders, RTK GPS, tide gauges and experienced staff that ensure quality of logged data.



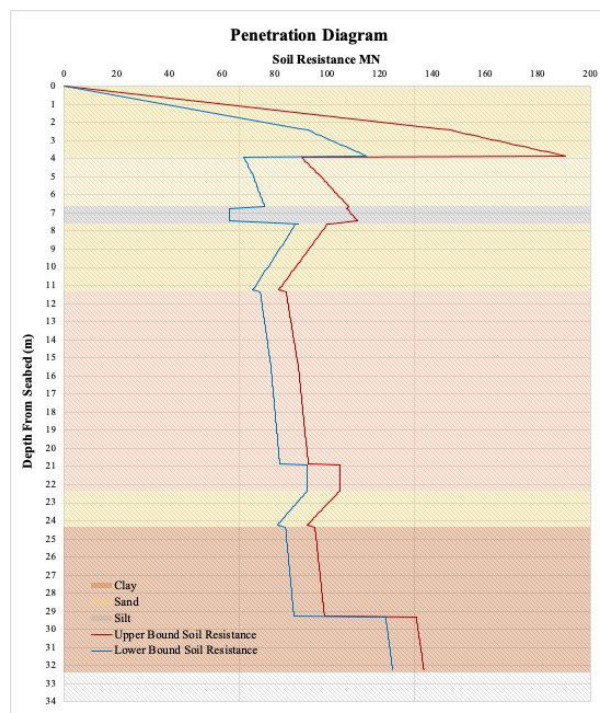
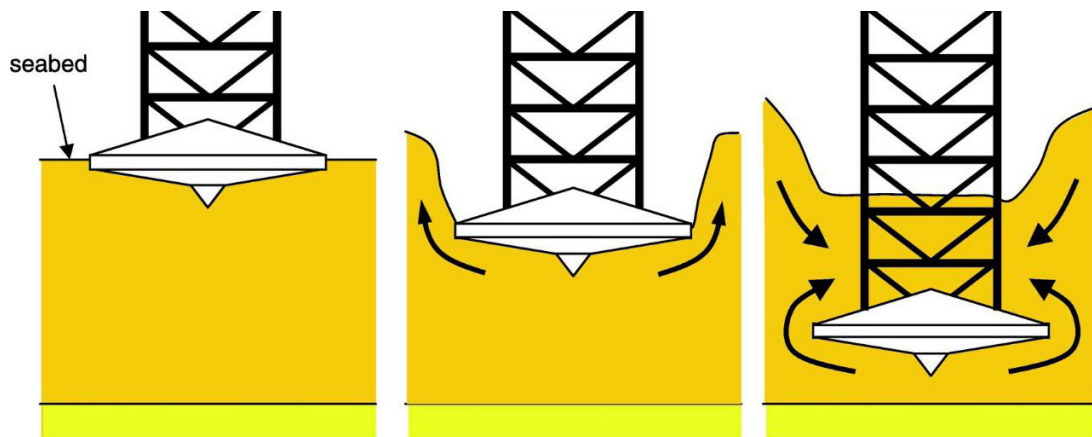
7. Diving Operations

[Eagles Offshore Survey Ltd](#). will do all types of diving operations such as debris removal operations, pipeline inspection and repair or maintenance services, subsea installation ,etc. alongwith experienced divers in various types of diving methods with standard equipment.



8. Leg Penetration Analysis (LPA)

Jack-up units equipped with circular can shaped footings known as spudcans have been widely used for offshore drilling activities. Before each mobilization, an evaluation of the spudcan penetration and potential failure risks during preloading is performed Leg penetration analysis. **Eagles** offers a team of professional and experienced engineers who provide accurate and reliable LPA reports for clients.





Main Members

Mohsen Makhlesian

Managing Director

Geomatics Engineer and Surveyor, Bachelor of Science in Surveying Engineering, University Of Tehran

Cell: [+98912-5972464](tel:+98912-5972464)

Email: m.makhlesian@eagles-offshore.co

Aboubakr Yazdani

Chairman of the board

Geomatics Engineer and Surveyor,
Bachelor of Science in Surveying Engineering, University Of Tehran

Cell: [+98915-1877288](tel:+98915-1877288)

Email: a.yazdani@eagles-offshore.co

Mohammad Forghani

Member of the board

Geomatics Engineer and Surveyor, Phd of Geoinformation Engineering, University Of Tehran

Cell: [+98912-3682370](tel:+98912-3682370)

Email: forghani@eagles-offshore.co



Eagles Offshore Projects

1. Rig Move of "SINA-1" to SPD15, Equipment used is TSS Meridian Gyro, Hemisphere DGPS and Software used is Qinsy.

Client:	Dana Energy
Date:	January, 2014
Location:	South Pars, Phase 15
Vessel:	SINA-1



2. Rig Move of “Sahar-1” from SPD12 to SPD13B, Equipment used is TSS Meridian Gyro, Hemisphere DGPS and Software used is Qinsy.

Client: PetroPars
Date: March, 2014
Location: South Pars, Phase 13
Vessel: Sahar-1



3. Hydrography of ISOICO dry dock in Bandar Abbas, Equipment used is C-Nav3050 GPS, HiTarget Echosounder and Software used is HyPack.

Client: Azim Gostaresh Hormoz Co.
Date: May, 2015
Location: Bandar Abbas, ISOICO Yard



4. Hydrography of SPD13 nearshore pipeline route, Equipment used is C-Nav3050 GPS, HiTarget Echosounder and Software used is HyPack.

Client: Mohammadian Energy Co.

Date: June, 2015

Location: Asaluye, Phase 13



5. Rig Move of "Sahar-2" from SPD13 to SPD12, Equipment used is TSS Meridian Gyro, Hemisphere DGPS and Software used is Qinsy.

Client: NDCO

Date: August, 2015

Location: South Pars, Phase 12

Vessel: Sahar-2



6. Survey of "Forouzan Field" platforms, Equipment used is Total Station, laser measuring tools, thickness measuring gauge, measuring tapes, H2S detector,... and software used is Auto CAD.

Client: TASDID Co.
Date: July, 2015
Location: Forouzan Field
Vessel: Khashayar



7. Rig move of “Dena-1” from Salman KPP pltfom to Salman 2S11 platform, Equipment used is TSS Meridian Gyro, Hemisphere DGPS and Software used is Qinsy.

Client: Morvarid Parsian Kish Co.
Date: February 2016
Location: Salman field
Vessel: Dena-1



8. Rig move of “Sahar-2” from Salman KPP platform to Salman 2SKA platform, Equipment used is TSS Meridian Gyro, Hemisphere DGPS and Software used is Qinsy.

Client: NDCo.
Date: May 2016
Location: Salman field



9. Anchor handling of “Ofogh-1” in Salman field, Equipment used is TSS Meridian Gyro, Hemisphere DGPS and Software used is Qinsy.

Client: Asfalt Tous Co.

Date: May 2016

Location: Salman field

Vessel: Ofogh-1



10. Rig Move of “Sina-1” from SPD13 to SPD22 platform, Equipment used is TSS Meridian Gyro, Hemisphere DGPS and Software used is Qinsy.

Client: Petro Gohar Farasahel Kish(PGFK) Co.

Date: May 2016

Location: South Pars, SPD22

Vessel: Sina-1

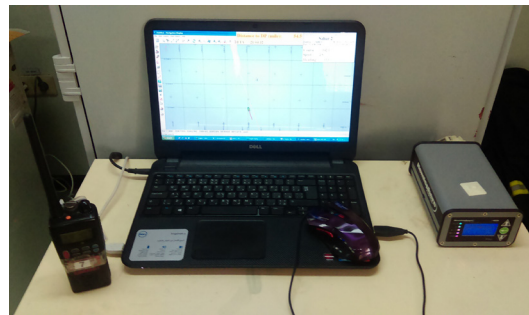


11. Rig Move of “Sahar-2” from Salman 2SKA platform to 2SKC platform, used is TSS Meridian Gyro, Hemisphere DGPS and Software used is Qinsy.

Client: NDCo.
Date: June 2016
Location: Salman field

12. Rig Move of “Sahar-2” from Salman 2SKC platform to Balal platform, Equipment used is TSS Meridian Gyro, Hemisphere DGPS and Software used is Qinsy.

Client: NDCo.
Date: June 2016
Location: Balal field



13. Anchor handling and Rig move of “Iran-Amirkabir”, Equipment used is TSS Meridian Gyro, Hemisphere DGPS, Telemetry system (EDL2) and Software used is Qinsy.

Client: Darya Tadbirgaran Kish Co. (DTK)

Date: June, July 2016

Location: Caspian Sea

Vessel: Caspian 1,2



Iran-Amirkabir

14. Rig Move of “Sahar-2” from Balal platform to Salman 2SKC platform, Equipment used is TSS Meridian Gyro, Hemisphere DGPS and Software used is Qinsy.

Client: NDCo.
Date: September 2016
Location: Salman field

15. Anchor handling and Rig move of “Iran-Amirkabir”, Equipment used is TSS Meridian Gyro, Hemisphere DGPS, Telemetry system (EDL2) and Software used is Qinsy.

Client: Darya Tadbirgaran Kish Co. (DTK)
Date: September 2016
Location: Caspian Sea
Vessel: Caspian 1,2



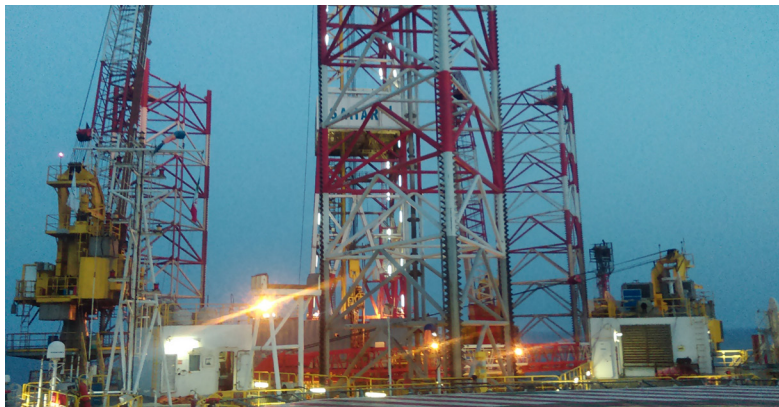
16. Rig Move of "DCI-1" from South Pars to Bandar Abbas dry dock, Equipment used is TSS Meridian Gyro, Hemisphere DGPS and Software used is Qinsy.

Client: Darya Tadbirgaran Kish Co.(DTK)
Date: November 2016
Location: Persian Gulf



17. Rig Move of "Sahar-1" from South Pars to Aria field , Equipment used is TSS Meridian Gyro, Hemisphere DGPS and Software used is Qinsy.

Client: NDCo.
Date: April 2017
Location: Aria field



18. Survey of installation of “Salman Platform” cranes, Equipment used is Total Station, optical leveling measuring device and software used is Auto CAD.

Client: Fateh Sanat Kimia Co.

Date: July 2017

Location: Salman Field



19. Rig Move of “Sahar-1” from Aria Field to Foroozan Field, Equipment used is TSS Meridian Gyro, Hemisphere DGPS and Software used is Qinsy.

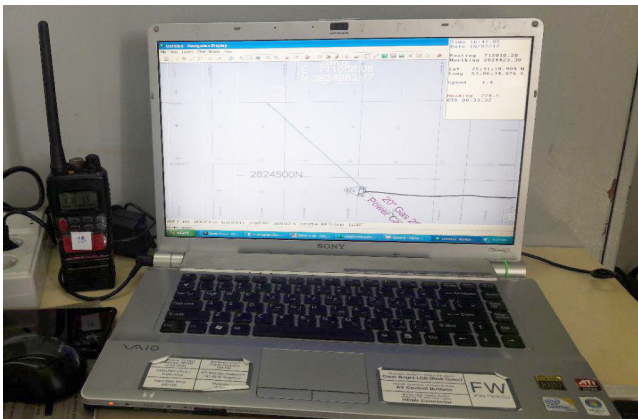
Client: NDCo.

Date: December 2017

Location: Foroozan Field

20. Rig Move of “Sahar-2” from Salman 2SKA platform to 2SKB platform, Equipment used is TSS Meridian Gyro, Hemisphere DGPS and Software used is Qinsy.

Client: NDCo.
Date: July 2017
Location: Salman Field



21. Rig Move of “Sahar-2” from Soroush Field to Norouz Field, Equipment used is TSS Meridian Gyro, Hemisphere DGPS and Software used is Qinsy.

Client: NDCo.
Date: August 2018
Location: Norouz Field

22. Rig Move of “Well-Target 1” from Reshadat Field to Resalat Field and from Resalat Field to Alvand Field, Equipment used is TSS Meridian Gyro, Hemisphere DGPS and Software used is Qinsy.

Client: IShips Co.
Date: September&October 2018
Location: Resalat & Alvand Field

Resalat



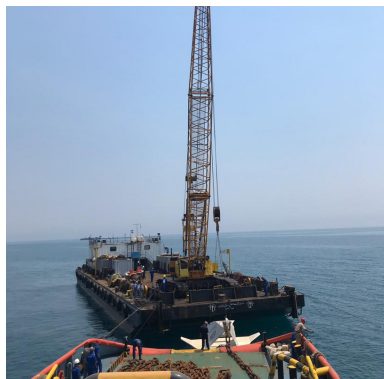
23. Anchor Handling of "Hila" barge, Equipment used is TSS Meridian Gyro, Hemisphere DGPS, Radio modem telemetry and Software used is Qinsy.

Client: Petro Danial Kish
Date: September&October 2018
Location: South Pars



24. Anchor handling and installation of Siraf new SPM, Equipment used is TSS Meridian Gyro, Hemisphere DGPS and Software used is Qinsy .

Client: Daryakoosh Co.
Date: June 2019
Location: Siraf
Vessel: Lafore800 and Delavaran



25. Geophysical Site Survey of Ilam-1 feild, Equipment used is Echosounder, Side Scan Sonar, DGPS,TSS Meridian Gyro,etc.

Client: Drilling Company International(DCI).
Date: January 2020
Location: Ilam feild
Vessel: Amir 110



26. Geophysical Site Survey of Nasr 5 and Nasr 6 feild, Equipment used is Echosounder, Side Scan Sonar,DGPS,TSS Meridian Gyro,etc.

Client: Drilling Company International (DCI).
Date: January 2020
Location: Nasr 5,6 feild
Vessel: Amir 110

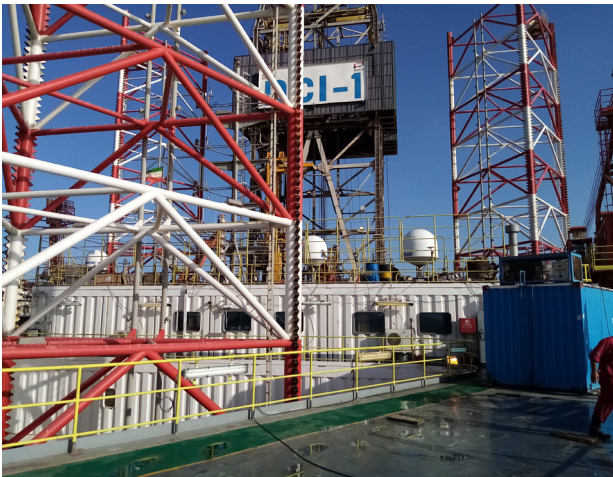


Nasr



27. Rig Move of “DCI-1” to Ilam-1 Platform, Equipment used is TSS Meridian Gyro, Hemisphere DGPS and Software used is Qinsy.

Client: Drilling Company International(DCI).
Date: April 2020
Location: SIRI



28. Rig Move of “SAHAR-1” from Forouzan feild to DPH Platform, Equipment used is TSS Meridian Gyro, Hemisphere DGPS and Software used is Qinsy.

Client: NDCO
Date: April 2020
Location: SIRI

29. Debris Removal and Geophysical site survey of “Nasr 6” , Equipment used is Side Scan Sonar,Echo Sounder,TSS Meridian Gyro and Diving Equipment,etc.

Client: Drilling Company International(DCI)
Date: August 2020
Location: Sirri field
Vessel: Aryaz



30. Rig Move of “DCI-2” from Sirri feild (Nasr-6) to Soroush feild , Equipment used is TSS Meridian Gyro, Hemisphere DGPS and Software used is Qinsy.

Client: Drilling Company International(DCI)
Date: October 2020
Location: Soroush

31. Rig Move of “DCI-2” to Abouzar-14 Platform, Equipment used is TSS Meridian Gyro, Hemisphere DGPS and Software used is Qinsy.

Client: Drilling Company International(DCI).
Date: February & March 2021
Location: Abouzar

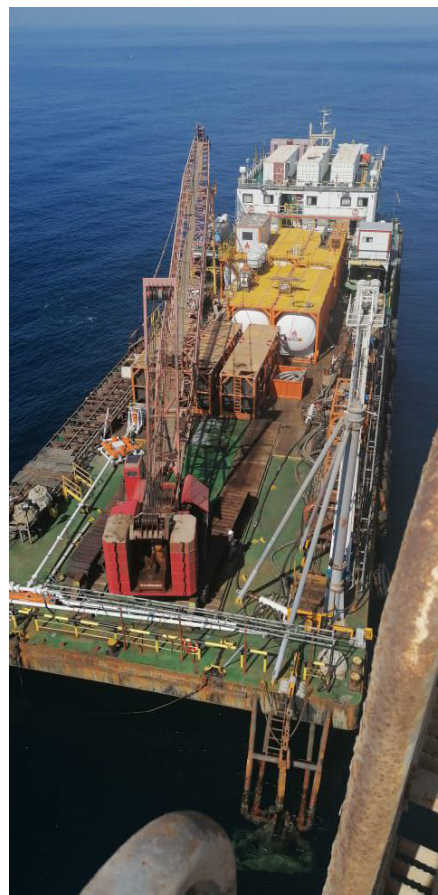
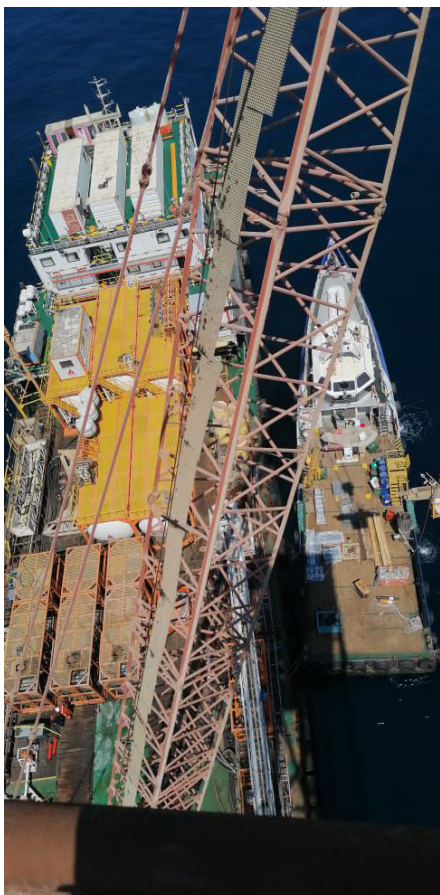
32. Debris Removal and Geophysical site survey of “Ilam 3” , Equipment used is Side Scan Sonar, Echo Sounder, TSS Meridian Gyro and Diving Equipment, etc..

Client: Drilling Company International(DCI)
Date: June 2021
Location: Ilam field
Vessel: Baharan



33. Anchor Handling of “Hila” barge, Equipment used is TSS Meridian Gyro, Hemisphere DGPS, Radio modem telemetry and Software used is Qinsy.

Client: Petro Danial Kish
Date: April & September 2021
Location: South Pars



34. Debris Removal and Geophysical site survey of “Nasr 6” , Equipment used is Side Scan Sonar, Echo Sounder, TSS Meridian Gyro and Diving Equipment, etc.

Client: Drilling Company International (DCI).
Date: April 2022
Location: Nasr 6
Vessel: Rosmari



35. Debris Removal of “WPE-3” , Equipment used is Side Scan Sonar, TSS Meridian Gyro and Diving Equipment, etc.

Client: Drilling Company International (DCI)
Date: July 2022
Location: Ilam field

36. Rig Move of “DCI-2” from F-9 platform to F-12 Platform, Equipment used is TSS Meridian Gyro, Hemisphere DGPS and Software used is Qinsy.

Client: Drilling Company International(DCI).
Date: April 2022
Location: Foroozan

DCI-2



37. Leg penetration analysis (LPA) of “SUNDECK” for “2S6&2S12&2S16” platforms.

Client: Petro Gohar Farasahel Kish (PGFK).
Date: September 2022

38. Rig Move of “PARADISE-400” from SPD-24A to SPD-13A Platform, Equipment used is TSS Meridian Gyro, Hemisphere DGPS and Software used is Qinsy.

Client: DORSEA Engineering Innovation
Date: November 2022

39. Debris Removal of “SPD-13A” , Equipment used is Side Scan Sonar, TSS Meridian Gyro and Diving Equipment, etc.

Client: DORSEA Engineering Innovation
Date: November 2022
Vessel: MAYDAF



40. Leg penetration analysis (LPA) of "PARADISE-400" for "Nasr-2 and DPH" platforms.

Client: Petro Gohar Farasahel Kish (PGFK).
Date: July & September 2023

41. Rig Move of "PARADISE-400" from Nasr-6 to Nasr-2 Platform, Equipment used is TSS Meridian Gyro, Hemisphere DGPS and Software used is Qinsy.

Client: Petro Gohar Farasahel Kish (PGFK).
Date: August 2023

42. Rig Move of "SAHAR-2" from SOROUSH-05 to DOROOD-KE Platform, Equipment used is TSS Meridian Gyro, Hemisphere DGPS and Software used is Qinsy.

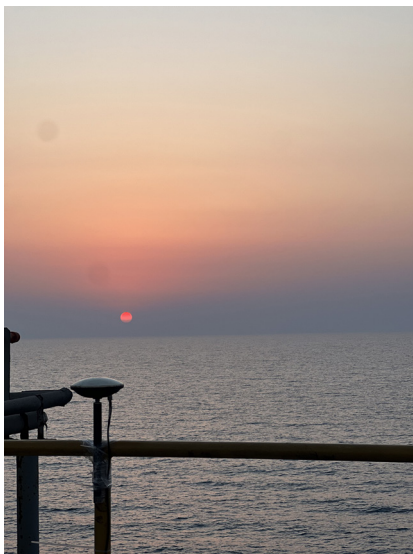
Client: NDCo.
Date: August 2023

43. Rig Move of "SINA-1" From SPD22 to bushehr dry dock, Equipment used is TSS Meridian Gyro, Hemisphere DGPS and Software used is Qinsy.

Client: Petro Gohar Farasahel Kish (PGFK).
Date: September 2023

44. Rig Move of "SAHAR-2" to SWP-2 Platform, Equipment used is TSS Meridian Gyro, Hemisphere DGPS and Software used is Qinsy.

Client: NDCO
Date: March 2024



45. Rig Move of "WELL TARGET-1" from Foroozan field to SPD-1 Platform, Equipment used is TSS Meridian Gyro, Hemisphere DGPS and Software used is Qinsy.

Client: IShips Co.
Date: July 2024

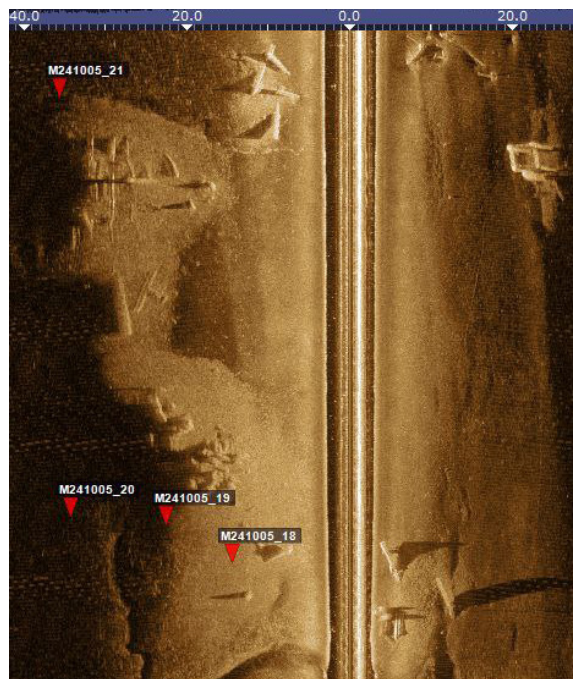


46. Leg penetration analysis (LPA) of “DENA-1” for “W4” platform in Reshadat field.

Client: DOT
Date: July 2024

47. Geophysical site survey of “Khood Mousa”, Equipment used is Side Scan Sonar, Echo Sounder, TSS Meridian Gyro, etc.

Client: Joshan Diving Co.
Date: October 2024



48. Rig Move of “PASARGAD 200” from Sharjah to SPD-19A Platform, Equipment used is TSS Meridian Gyro, Hemisphere DGPS and Software used is Qinsy.

Client: Ostovan Kish Drilling Co.
Date: October 2024