

No.

09

HERNIS NEWS

CHOSE HERNIS CCTV FOR THE ODOPTU FIELD



Photo: Aker Solutions marine operations

DEVELOPING

LARGE

SCALE

CCTV SYSTEM



SEMINAR

FOR NORWEGIAN CUSTOMERS

We are proud to announce that this year's customer seminar features WPC who will be giving a lecture on their patented induction-based power transmission technology.



A BRIEF FROM HERNIS U.S.

TECHNICAL CORNER

NEW PRODUCT
HERNIS DOME EX270



A BRIEF FROM HERNIS U.S.

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Circulation: 2500

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www.hernis.com



In the midst of financial turmoil HERNIS US is moving office and increasing their staff to keep up with the CCTV needs in their market. General Manager Øystein Sandberg gives us a briefing on the latest developments in the US.



Øystein Schulz Sandberg

*General Manager
HERNIS Scan Systems US Inc.*

From a global perspective 2009 is considered to be the most challenging in decades. We are noticing a reduction, even closing in on investment programs by significant companies and operators, who will turn each rock in search of more efficient ways of executing their operations. Yet other companies consider the period an excellent opportunity for growth and increased market share.

So far HERNIS have only seen minor setbacks in terms of reduced number of inquiries and assists in specification preparation.

In March HERNIS US moved office to get more space, enabling us to increase our staff with a new competent member. We strive on improving our relations with our partners and offer our continuous support to our customers, who despite a period with financial turmoil, are searching for a reliable partner to execute their CCTV projects.

We pay close attention to the market situation, and have recently done some territorial adjustments for our agents here in the U.S. The Gulf of Mexico is one of the largest single sources of oil and gas supply to the U.S. and has one of the world's highest concentrations of offshore platforms. Currently we are also working with a better model to cover the northern territories and Canada. In Mexico we are in the process of finding a strong partner to penetrate the offshore, onshore and marine market. By fields like Cantarell and Ku Maloob Zaap, Mexico aim to produce approx. 3,1 mbd by 2012, hence there are ongoing deepwater exploration in GoM as well as seismic activities onshore and in shallow water.

A yearly, major event coming up is the OTC exhibition in Houston. This year we will be represented both with our own booth, as well as with Sidus Solution. This will be an added value, and we encourage people to come and visit us.



DEVELOPING LARGE SCALE

CCTV SYSTEM FOR EXTREME MILIEUS

Based on our well established products certified for extreme environments, HERNIS is currently developing the next generation of CCTV systems (camera based surveillance systems) for the oil and gas industry. The systems will be able to cover vast geographical distances and meet the appurtenant demands for reliability and maintainability.

The technology enterprise HERNIS have over the past 27 years developed "state of the art" CCTV-systems for our partners within the oil and gas industry facing tough demands on reliability and resilience. The equipment is certified for hazardous (Ex) areas and for extreme corrosive environments. Special purpose technology and built-in intelligence in camera stations as well as control systems and operator interface represent fascinating possibilities within detection and early warning of for instance ice bergs, oil spill, flame quenching or other filtered movement.

User-directed development

The development projects at HERNIS are always a result of close interaction with our customers over their future needs and desires. Currently HERNIS' R&D- department is busy developing the next generation CCTV- achitecture based on the markets' need for remote monitoring of comprehensive onshore- and offshore- installations. The challenges lie in vast geographical distances, limitations in available telecom- infrastructure, and access to the installations themselves which are situated in practically inaccessible areas, says Technology Director Mr. Roy Thorkeldsen. The new CCTV- architecture will enable expansion by hooking up more CCTV- systems and providing the operator secure access via a web based user interface. This enables seamless transfer of video and control signals between the operator terminal and the camera stations in the different CCTVsystems.

The HERNIS brand is associated with quality and reliability, and the systems are known to require minimal maintenance. Now vast distances and inaccessible grounds add to the challenges of maintainability of the distributed built-in software. Both control stations and camera stations are designed to be diagnosed via the operator interface, and the stations will automatically download and update their own software in a reliable fashion. In principle the operator will need one monitor, Internet and user privileges only to utilize and maintain an «endless» number of camera stations.

Proud and competent

A crucial ingredient for our success at HERNIS is our continuous focus on an including work environment. We take pride in offering a secure and rewarding work place. Labour turnover is very low and subsequently the valuable top competence stays in the company, Mr. Thorkeldsen rounds off.



From the left Project Engineer Mr. Erlend Eidem, Document Controller Mrs. Agathe Haglund and R&D Engineer Software Carl Are Hopen.

Today HERNIS has more than 140 employees with the head office in Arendal and subsidiaries in Singapore, Houston and Rio de Janeiro. The turnover in 2008 was 230 million NOK. The company is 100 % owned by Vislink plc, listed at London Stock Exchange.

For more information on our CCTV systems, please contact: cctv@hernis.no, phone: +47 37 06 37 00, www.hernis.com

NEW PRODUCT

HERNIS DOME EX270

The HERNIS Dome EX270 is the first EX certified dome on the market. It is purpose built to meet the demanding requirements of the marine environment, leaving it the reliable choice for petroleum related installations.

The EX270 dome is engineered specifically with correct optical rendering in mind. The design allows for an astounding 36x zoom without mentionable image distortion. In poor lighting conditions the camera will automatically turn to black and white for optimal image quality. Autofocus increases the user comfort further.

The dome offers endless panoramic rotation and a 180deg tilt with vertical image flip. Speed; 116 degrees per second. Tooth belt operation reduces risk of mechanical wear out failures.

Optional interfaces are RS422, 232 and 485. The customized glass is Electro-Magnetically Compatible (EMC). In practice this means that an extra safety

measurements during cleaning in Ex zones are now rendered superfluous. A hard core coating on the glass adds scratch resistance.

The new dome will be delivered in accordance with international standards. Already effective is EX certification by DNV to ATEX Directive 94/9/EC, certified as Ex II 2 G Ex de IIC T6. Like other HERNIS camera stations, the EX dome is designed to meet the DNV requirements for Type Approval Certification.

The EX270 may be used with any HERNIS CCTV control system and can be mounted standing or hanging depending on the viewport required.



The new HERNIS Dome Ex270 - designed with correct optical rendering in mind - allows for an astounding 36x zoom without mentionable image distortion.

NEW PRODUCT

HERNIS CONTROL PANEL OK450

A generous display and direct access to key features are only a couple of the benefits enhancing the latest HERNIS CCTV Control Panel.

Configuration and acknowledgement of alarms can be performed directly on the new control panel. The user decides what camera will be activated on what monitor when a particular alarm is set off, placing the attention where it is needed and saving precious time when an incident occurs. Having dealt with the critical situation the alarm can be acknowledged directly on the control panel.

A nother new feature is the playback of digital recordings from the NVR. This allows the user to look up recordings leading up to an alarm on his monitor in a matter of seconds, contributing to a clearer understanding of the situation and supporting his vital decision-making by facts.

The generous display enhances the user comfort and facilitates functions like quad control where the user can select and control 4 cameras simultaneously on a 4 split display.

Optional Ethernet connection enables direct communication with the CCTV centre via the local network, eliminating the need for lengthy cable stretches. The new control panel OK450 may be desk or console mounted and comes with a joystick for more precise control of the camera stations.



NEW PRODUCT

HERNIS CAMERA STATION PT70 DOME

The new HERNIS dome PT70 offers continuous panorama, i.e. no stopping and turning to cover the entire circumference.

The station also offers 180 degrees tilt with automatic picture flip; Envision the dome being ceiling mounted in a hallway and you want to follow an object moving towards the camera, then moving past it. Without the image flip the object would appear upside down after having passed the camera. The HERNIS dome will however automatically flip the image for you once the object has passed for a natural viewing angle.

The pan/tilt speed is 116 degrees per second with a high level of precision.

The new Safe Area dome, is available as an indoor and an outdoor model, and is the replacement for the previous Safe Area model RDC400.



Indoor (left) and Outdoor Safe Area Domes with 360 degrees continuous pan and automatic image flip.

NEW RELEASE

SOFTWARE UPDATES

HERNIS is releasing a new version of our PC software. The new release 4.4.7.0 has been upgraded to meet the latest Microsoft service installations and supports different Java versions.

Among the new features are:

- Detec Video Motion Detection integrated in HERNIS Windows Control

- Support of multiple connections to the control systems HERNIS 8x8, HERNIS 400 Compact, HERNIS 400 and HERNIS 500 in HERNIS Masterview Basic.
- Improved multiple monitor control in HERNIS Windows (HWIN)
- Addition of Axis streamer as Video Type in HERNIS Windows and Sea Touch.

- «Go to Time» support in DVR-M and DVR-M2 recordings
- New corresponding icons in Control Panel OK 450 and HERNIS Windows

The following software updates are released:

Control Software:

HERNIS Windows (HWIN) - The general PC user Interface for HERNIS CCTV systems. New ver: 4.4.7.0

HERNIS Sea Touch - The windows based intuitive user interface adding touch screen functionality to your CCTV system. New ver: 4.4.7.0

HERNIS Masterview Basic - Basic user friendly software for operation of your CCTV system. (The downscaled version of Sea Touch). New ver: 2.0.0.3

Maintenance Software:

HERNIS Admin/ID software (HAS) - For configuration, user administration and configuration of alarms. New ver: 4.4.7.0

HERNIS Fault and Diagnostics Software (HFD) - For easy detection of operational failures in any part of the CCTV system. New ver: 4.4.7.0

HERNIS Event Log Program (HELP)

- Tracks changes made by the users of the systems, as well as alarms and other events. New ver: 4.4.7.0

REFERENCE TORCH AND CHARGER CERTIFIED



The Reference Ex TX40 torch and Ex CX40 charger have been in development for 4 years, evolving through dialogue with key operators in the oil & gas industry. Early December 2008, the official certification papers were received from DNV, signalling the first mile stone had been achieved.

The Reference Ex TX40 torch and Ex CX40 charger have been in development for 4 years, evolving through dialogue with key operators in the oil & gas industry. StatoilHydro has become a central contributor, conducting a 9 months trial project at the Sleipner oilfield in the North Sea and relaying feedback during operations. As a result, the Reference solution has managed to identify and resolve key issues surrounding existing handheld lighting equipment:

Increased Safety

Introducing the Ex Zone 1 certified charger equipped with emergency torch activation during power failures for increased availability and safety.

Improved Reliability

Induction technology eliminates the need for exposed power connections, making the Reference system more resistant to conductivity problems caused by corrosion, oil, mud, water etc.

Reduced Maintenance

The integrated micro processor monitors internal components, and regularly performs maintenance on embedded power cells; making the Reference solution a self maintained system.

Early December 2008, the official certification papers were received from DNV, signalling the first mile stone being achieved.

Work onwards focuses on the smaller penlight solution TX20 / CX20 scheduled for completion second half of 2009.

Work onwards focuses on the smaller penlight solution TX20 / CX20 scheduled for completion second half of 2009.



We congratulate all personnel involved, thank them for their efforts, and wish them luck with the upcoming release.



GROWING SECURITY REQUIREMENTS DEMAND

«SITUATIONAL AWARENESS»

Sidus Solutions specialises in hazardous area and subsea video systems and field services for industrial and oil and gas markets. They have worked closely with HERNIS for almost a decade in the U.S. CCTV market. Mr. Leonard Pool is proud to deliver solutions that are on target.

Worldwide, there has been increased pressure placed upon companies in oil and gas exploration and production. The opening of deepwater fields in the oil rich oceans of the world; and for the need of additional production from traditional energy supplies such as nuclear and hydroelectric dams and the need to protect them all. With new security mandates as set out by the US and other World governments, comes an ever growing requirement for small to large corporations to include "Situational Awareness" into their daily operations.

Founded in September of 2000, the SIDUS team offers situational awareness to their US clients. Encompassing more than 120 years of related experience in closed circuit video (CCTV) systems, this team consists of talented individuals who are uniquely suited and experienced in the industry of monitoring systems. The desire of each staff member is to apply their personal strengths to deliver a solution for the requirements of our customers.

**SIDUS
KNOWS
HOW**

Like our name 'Sidus', meaning a constellation of stars, our company works together as a team to provide the client with services unparalleled to other competitors. A bright planet in our constellation is HERNIS.

Since our humble beginnings, SIDUS has retained an agency contract with HERNIS Scan Systems AS of Norway. HERNIS is the well-respected leader in harsh environment, closed circuit video (CCTV), networking and image processing applications. Sidus has been very successful in the US with HERNIS and look forward to a successful, collaborative future together.

Together with HERNIS, our solutions are fully capable of operating in any industry requiring remote surveillance systems, and we are proud to offer our customers the flexibility and a high level of commitment HERNIS offers to help them achieve their desired level of success.

With the easy access to information in today's world, companies must have "Solutions that are on Target". Together with HERNIS we can achieve that goal.

Please do not hesitate to contact us for CCTV guidance.

Sincerely yours,
Leonard Pool
President, SIDUS Solutions



Leonard Pool

President, Sidus Solutions.

Company:

Sidus Solutions

Line of Business:

Hazardous Area & Subsea CCTV

No. of Employees:

11

Turn-over:

US 1.9M

Ownership:

US S-Corporation

Business concept:

We provide our customers the flexibility and a high level of commitment available from HERNIS. Our goal is to help the customer achieve a desired level of achievement. SIDUS is a provider of hazardous area and subsea video systems and field services for industrial and oil and gas markets.

Contact information:

P.O. Box 60767
San Diego, CA 92166
Phone 619 275-5533
Fax 619 275-5544
e-mail info@sidus-solutions.com

www.sidus-solutions.com



EPC SERVICES COMPANY FLUOR CORPORATION

CHOSE HERNIS CCTV FOR THE ODOPTU FIELD

“The cooperation I experienced with HERNIS was essential to putting together a system this large and complex. Mr. Sandberg met with me and my client on several occasions to ensure client expectations were met. Having immediate access to his expertise was way more than helpful.” says Fluor representative Edward Swearingen.

Over the last year HERNIS has been working closely together with EPC contractor Fluor Corporation to design the perfect CCTV system for the Odoptu onshore oil and gas treatment facility in Russia. The process has included initial needs assessment, design and manufacturing and has resulted in a comprehensive system. The system includes a number of different camera stations, and applications enabling local as well as remote control from the neighbouring Chayvo field.

“The Odoptu project is a typical example of how HERNIS will carry through our CCTV projects”, says HERNIS representative Mr. Øystein Sandberg

working out of the company’s Houston office. “We were contacted by Fluor Corporation for technical information leading up to a quotation in March 2008. The contract was officially signed in November 2008 for a high-end CCTV system to be delivered March 2009. The common goal has been to design the optimal CCTV system based on the partners’ needs and expectations”.

Mr. Edward Swearingen, Principal Design Engineer at Fluor Corporation, has worked with HERNIS before at the Chayvo field and was pleased with the cooperation. “HERNIS will look at your needs on a systems approach

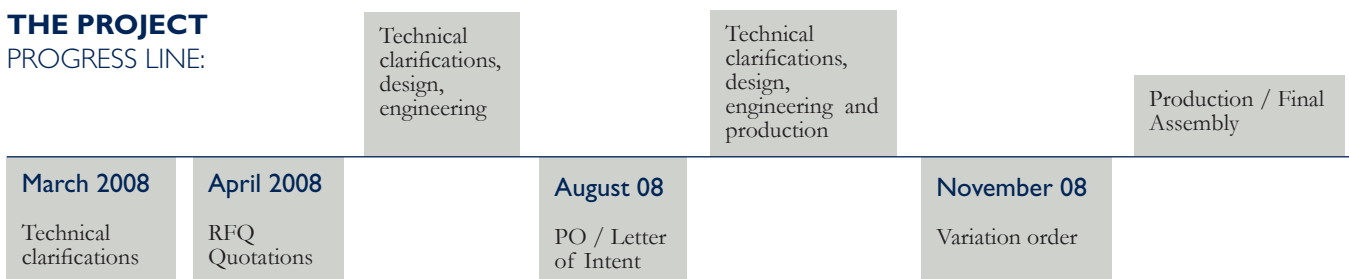
rather than just an equipment requirement. The Odoptu CCTV system includes Process as well as Security monitoring both locally and remotely. The need for video recording and remote control of the system led us to the use of Network Video Recorders and the HWIN remote operating software. This software provides the operators with full control of the CCTV system from the Chayvo facility”.

The Oduptu delivery is only one of HERNIS’ several CCTV contracts for surveillance of onshore oil and gas treatment facilities lately.



Photo: Aker Solutions marine operations

THE PROJECT PROGRESS LINE:



FACTORY ACCEPTANCE TEST

– A BENEFICIAL INSURANCE



Mr. Edward Swearingen testing camera operations during the FAT for the Odoptu project at HERNIS head office in Norway in February. Behind him; Project Manager Mr. Øyvind Skarstad.

Mr. Øyvind Skarstad has been the Project Engineer for the Odoptu delivery. “We always conduct thorough component and system testing before delivery. All customers are invited to visit our premises for a Factory Acceptance Test and for projects of this magnitude our recommendation is to come.

The FAT provides an excellent opportunity for our partners to not only test the functionality and get the answers to any questions that arise, but often we see that the system functionality exceeds their expectations, which is a right boost to them and us, of course. If the FAT provides our customer with new ideas on how to better utilise our systems it is obviously an added value”.

ODOPTU:

Odoptu is the second development phase in the Sakhalin-1 project, an oil and gas development on the northeast shelf of Sakhalin Island.

The Sakhalin project area is comprised of the Chayvo and Odoptu sites as well as the Arkutun-Dagi and Orlan platforms. Total recoverable reserves are estimated to be 2.3 billion barrels of oil (307 million tons) and 17.1 trillion cubic feet of natural gas (485 billion cubic meters).

Operator of the Sakhalin-1 project is Exxon Neftegas Limited, an affiliate of Exxon Mobil Corporation.

HERNIS has previously delivered CCTV systems for the Chayvo Onshore Processing Facility.



Edward Swearingen

Principal Design Engineer, Fluor

Company:

Fluor Corporation

Line of Business:

Engineering Services

Business concept:

Fluor Corporation is a publicly owned engineering, procurement, construction, and maintenance services organization. Fluor is headquartered in the Las Colinas area of Irving, Texas. The company employs more than 46,000 employees and maintains offices in over 25 countries. Fluor is a Fortune 500 company. Its clients include oil and gas, chemicals and petrochemicals, commercial and institutional, government services, life sciences, manufacturing, microelectronics, mining, power, telecommunications and infrastructure.

Contact information:

One Fluor Daniel Drive
Sugar Land,
TX 77478-3899
Phone: +1 281 263 1000

www.fluor.com

FLUOR[®]



“HERNIS will look at your needs on a systems approach rather than just an equipment requirement”.

February 09

Components and systems test / FAT

Delivery date

Installation

Commissioning and Site Acceptance Test

Approval and hand over

WHAT'S ON?

COME TEST OUR SYSTEMS!

BOOTH #3375

We hope to see you at our booth #3375 at OTC in Houston 4-7 May. Please do not hesitate to contact us for an invitation to enter at our expense. Feel free to make an appointment with our HERNIS US General Manager Mr. Øystein Sandberg; phone: +1 281 560 8050.



SEMINAR FOR NORWEGIAN CUSTOMERS

We are proud to announce that this year's customer seminar features WPC who will be giving a lecture on their patented induction-based power transmission technology. The seminar will be held at our premises in Arendal where we look forward to welcoming new and regular guests to our factory on June 5th. Invitations will be distributed in due time, but you are welcome to sign up with our Marketing Coordinator Pernille Morken at phone 37 06 37 19 anytime (Norwegian customers only)

The program may be subject to change.

JUNE 5th.



BOOTH #C01-29E

HERNIS is pleased to welcome you to our stand at Norshipping 9-12 June to see our CCTV systems in action. You will find us at the Norwegian Pavilion in Hall C. As always you can check out our latest products and test a running CCTV system to get the feel of the HERNIS way!

HERNIS is happy to cover the entrance for our guests. Feel free to contact our Area Sales Manager Mr. Espen Christensen for an appointment. Phone: +47 37 06 37 29.



WORKSHOP FOR HERNIS SERVICE AGENTS

In week 22 HERNIS once again welcome our service agents to participate in an advanced theoretical and practical program to prepare them as HERNIS partners.

The workshop and seminars will take place at HERNIS own factory as usual and the participants will work closely with HERNIS own technical engineers to provide the best educational setting.

The delegates will receive their invitations in due course, but please clear your calendars, partners!

WEEK 22

ACTIVITIES 2009

- | | | | |
|-----------|--|---------------|---|
| May 4-7 | OTC, Houston, Booth # 3375 | June 9-12 | Norshipping, Oslo, Norway, Booth #c01-29E |
| May 25-29 | HERNIS Service Agents workshop, Arendal, Norway | June 10-12 | OGA, Kuala Lumpur, Malaysia |
| June 5 | HERNIS Seminar for Norwegian Offshore Customers, Arendal, Norway | October 21-24 | Kormarine, Pusan, Korea |
| June 8-9 | HERNIS Agent Seminar, Arendal, Norway | December 1-4 | Marintech China, Shanghai |

WE'LL BE BACK

In December HERNIS once again participated in the prestigious Oil & Gas Technology trade exhibition at Suntec Singapore. On our 18sqm booth we set up a working CCTV system with camera stations and the latest OK450 keyboard for visitors to test. Both existing and new clients seemed to enjoy the stand where both HERNIS' Managing Director Egil Norman Olsen (head office in Norway) and General Manager Olav Eikrem of the Singapore office were actively complimenting the Area Sales Engineers.

Visitors and exhibitors alike have expressed keen interest in OSEA 2010. HERNIS for one plans on being there!

OSEA 2008

80% larger than before, with 21 600 square meters of exhibition space, 1400 exhibitors from all over the world and 16 000 trade professionals present, it was indeed another great year for OSEA2008, the largest tradeshow in Asia for the oil and gas industry! The show presented an excellent sourcing ground for the latest equipment and technologies, and a networking platform that facilitates business opportunities.



To the left General Manger Olav Eikrem, HERNIS Singapore enjoying interaction with the customers at OSEA 2008

CHRISTMAS BALL SURPLUS TO THE CHILDRENS WARD

In February HERNIS had the pleasure of visiting the Pediatric unit at the local hospital in Arendal offering a bag of magic tool kits that were left over after the christmas ball for families of HERNIS employees.

«We hope this little magic may distract and give joy to the children during difficult times at the hospital» says Wenche Wilhelmsen, Administration Secretary at HERNIS and Santa for one day!



HERNIS' Administration Secretary Wenche Wilhelmsen (left) surprised Mrs. Katharina Johnsen with magic tool kits for the children in the pediatric unit.

TASTE OF THE WORLD

Everything is bigger in Texas, including the big, bold taste of Texas Chili, and in the Lone Star state, people insist that chili has no beans. Any beef stew meat will work in this dish – top or bottom round, rump roast or chuck.

The main ingredient, after the meat, is chili peppers – whether chopped, diced, powdered or liquified. And of course – Texas chili just tastes better!

Chili was invented in Antonio, Texas, about the middle of the Nineteenth Century. It began as a simple peasant stew using inexpensive ingredients – meat, chili peppers, cumin, oregano and garlic made up the first recipes. All the spices except the cumin grow wild in South Texas. The cumin was imported from the Canary Islands by settlers in San Antonio in the early 1700s.

Ingredients:

About 2-3 lbs. of beef
1/2 lb. of double-smoked bacon
2 large onions, chopped
1 Tb. ground cumin (or more to taste)
1-2 Tb. good quality chili powder
1-2 Tb. paprika (optional, for color and less heat)
2-4 cloves garlic (optional)
Water
Salt and pepper to taste

Cube the beef into bite-sized chunks. Dice the bacon. Heat a large heavy pot, fry the bacon until almost crisp. Scoop it out and set aside (so it won't get burnt). Then fry the meat in the bacon fat until browned on all sides. You may have to do this in batches. Scoop out the meat and add to the bacon. Saute the onions (and garlic if you're using it) in the bacon. (Those who really get concerned can drain off some of the fat, but it won't be true Texan at that point.) When it's soft, throw in the cumin, chile powder, and paprika and cook briefly. Return the meat, cover with water and bring it to a boil. Taste and add salt, then cover and set it to simmer for a couple of hours. Thicken as needed with cornmeal or stale tortillas. Serve with sour cream or cottage cheese, diced onions and, of course, beer. Like all good chilis this is best made a day in advance and reheated.





Texas State Flag



Texas Longhorns – even the cows from Texas are bigger!

NEW CONTRACTS

Buyer:

ONSHORE

HERNIS 500 SYSTEM

LG E&C Corp. /
GS Engineering & Construction
MNS «Marine Bridge & Navigation Systems»
MNS «Marine Bridge & Navigation Systems»
MNS «Marine Bridge & Navigation Systems»

HERNIS 400 SYSTEM

Afriz Farayand Co.
PIDEC Europe GmbH

HERNIS 8X8

Western Advance Pty Ltd.

NAVY

HERNIS 500 SYSTEM

MTU Friedrichshafen GmbH
MTU Friedrichshafen GmbH
MTU Friedrichshafen GmbH

OFFSHORE

HERNIS 500 SYSTEM

Namvaran Consulting Engineers
STX Heavy Industries Co.,Ltd.
Tanjung NewEnergy Services Sdn. Bhd.
NesscoInvSat Telecommunications Ltd.

HERNIS 400/500 SYSTEM

Dan Marine (Far East) Ltd, Shanghai

HERNIS 400 SYSTEM

Aisha Trading Co.
Dan Marine (Far East) Ltd
Elsag SpA
ExxonMobil Exploration and Production Norge
Jurong Shipyard Pte Ltd.
ard Pte Ltd.
National Oilwell Varco Norway, Kristiansand

National Oilwell Varco Norway, Kristiansand
National Oilwell Varco Norway, Kristiansand
NesscoInvSat Telecommunications Ltd.
Radio Holland
Radio Holland
Samsung Heavy Ind. Co., Ltd.
Vassnes Elektro AS

HERNIS 400 SYSTEM COMPACT

Excel Marco Industrial Systems Pte Ltd
Excel Marco Industrial Systems Pte Ltd

HERNIS 8X8 SYSTEM

National Oilwell L.P.
National Oilwell L.P.
National Oilwell L.P.
National Oilwell L.P.
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National Oilwell L.P.
National Oilwell L.P.
National Oilwell L.P.

Owner:

TAKREER, Abu Dhabi Oil Refining Company
JSC Vankorneft (a Rosneft company)
JSC Vankorneft (a Rosneft company)
JSC Vankorneft (a Rosneft company)

Petrochemical Industries Dev. Mgmt (PIDMCO)
Abadan Oil Refinery Company

Woodside Energy Ltd.

United Arab Emirates Armed Forces GHQ
United Arab Emirates Armed Forces GHQ
United Arab Emirates Armed Forces GHQ

LORC, Lavan Oil Refinery Company
Noble Drilling
Petronas Carigali Sdn Bhd,
Woodside Energy Ltd.

Sea Trucks Group Ltd

Brunei Shell Petroleum Co.Sdn.Bhd.
China National Offshore Oil Company
Eni SpA, Division Gas & Power
Esso Norge AS, Slagentangen
Atwood Oceanics Inc.
Seadrill Offshore AS
OAO Gazprom

PETROBRAS/UN-BC/SOP/CMP
PETROBRAS/UN-BC/SOP/CMP
PETROBRAS/UN-BC/SOP/CMP
OAO Gazprom
OAO Gazprom
Stena Drilling Ltd.
Fugro Marine Services NL

Excel Marco Industrial Systems Pte Ltd
Excel Marco Industrial Systems Pte Ltd

Electrix, LLC
National Oilwell L.P.
National Oilwell L.P.
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National Oilwell L.P.

Project:

Abu Dhabi GDP (Green Diesel Project)
Vankor CPF, Office Building
Vankor Pipeline 327,7km: UPG NPS-2,
Vankor Pipeline 556,6km: KNPS Purpe,

PIDMCO, NF3 - NGL3 Gas Plant
Abadan Refinery, Iran

H 103 Easternwell Rig

Baynunah - Corvette No 1, UAE
Baynunah - Corvette No 2, UAE
Baynunah - Corvette No 3, UAE

Lavan Refinery, LORC - Iran
STX M4001 GT1 Noble Drill Ship
Kumang Cluster Development Project
North Rankin 2 (NRB) Platform

Jascon 31, Accommodation/Hook Up Barge

Brunei Shell AMPA 9 Offshore Platform
CNOOC Hai Yang Shi You 981 Semi-SubDPS3
ENI Aquila FPSO
Balder FPSO
Atwood 10 Semi submersible, Project 11-1093 Jurong Shipy-
Seadrill 14 Semi submersible Rig, Project 11-1095
Gazflot #1, Semi submersible, Drilling,
Gazprom-Shtokman
SHI H1869 Schahin Drill ship
SHI H1870 Schahin Drill ship
P-57 FPSO, Jubarte Field Development
Gazflot #1, SemiSub Drilling Rig, Gazprom- Shtokman
Gazflot #2, SemiSub Drilling Rig, Gazprom- Shtokman
SHI H-1755 DrillMax Ice (DM IV) Drill Ship
NB 123 MV Fugro Synergy, Drill Ship

H 106 MIS , Jack-up Rig
H 108 MIS - Jack-up Rig

Doyon Rig #25
AC Ideal NOV Rig 7176
AC Ideal NOV Rig 7177
AC Ideal NOV Rig 7212
AC Ideal NOV Rig 7213
AC Ideal NOV Rig 7214
AC Ideal NOV Rig 7215
AC Ideal NOV Rig 7391
AC Ideal NOV Rig 7478
AC Ideal NOV Rig 7479



Buyer:

HERNIS 8X8 SYSTEM

National Oilwell L.P.
National Oilwell L.P.
National Oilwell L.P.
South Atlantic Holding BV
South Atlantic Holding BV
Western Advance Pty Ltd.

HERNIS CRANETV

Kenz-Figee (Kenz Cranes) B.V.
National Oilwell Varco Norway, Kristiansand
Oilwell Varco Norway, Kristiansand
Integration Pte Ltd
Saipem (Portugal) Comercio Maritimo
Sparrows Offshore Services Ltd.
Transocean Offshore International Ventures
National Oilwell Varco Norway, Kristiansand
National Oilwell Varco Norway, Kristiansand

HERNIS BASIC

Apply Oil & Gas
Aisha Trading Co.
Transocean Offshore International Ventures

SHIPPING

HERNIS 400 SYSTEM

Daewoo Shipbuilding & Marine Engrg Co.
Daewoo Shipbuilding & Marine Engrg Co.
Daewoo Shipbuilding & Marine Engrg Co.
Dan Marine (Far East) Ltd, Shanghai

Drydocks World, Dubai - New Building Division
Drydocks World, Dubai - New Building Division
Hyproc Shipping Company
NesscoInvSat Telecommunications Ltd.
Samsung Heavy Ind. Co., Ltd.

Scandinavian Electric Systems (Tidl. ABB)

HERNIS 400 SYSTEM COMPACT

Dan Marine (Far East) Ltd, Shanghai
Dan Marine (Far East) Ltd, Shanghai
Goa Shipyard LTD
Goa Shipyard LTD
Goa Shipyard LTD
STN Schiffseletrik GmbH
STN Schiffseletrik GmbH
STN Schiffseletrik GmbH
STN Schiffseletrik GmbH

HERNIS BASIC

Daewoo Shipbuilding & Marine Engrg Co. (DSEC)
Daewoo Shipbuilding & Marine Engrg Co. (DSEC)
Cecon ASA

CRUISE

HERNIS 400 SYSTEM

Intec/Ship or Land Operations Agency
Wormald Italiana S.p.A.

Owner:

National Oilwell L.P.
National Oilwell L.P.
National Oilwell L.P.
William Jacobs Management, Inc.
William Jacobs Management, Inc.
Resource Rig Supply, Inc (RRSI) (Transocean)

Woodside Energy Ltd.
Maracc (Island Ofshore)
Transocean Offshore Deepwater. Ltd.
Standard Drilling AS
Saipem S.p.A. Norwegian Branch
Shell U.K. Exploration & Production
Transocean Offshore International Ventures
Pride International Inc.
Pride International Inc.

BP Norge AS
Shell Brunei Petroleum Co. SDN. BLD.
Transocean Offshore International Ventures

Brunei Gas Carriers SDN BHD
Brunei Gas Carriers SDN BHD
Knutsen OAS Shipping AS
Finnlines Plc

Eastern Echo
Eastern Echo
Hyproc Shipping Company
Dynamic Producer Inc
SAIBOS Construcoes Maritimas L.

Norshore Drilling

Knutsen OAS Shipping AS
Knutsen OAS Shipping AS
Goa Shipyard LTD
Goa Shipyard LTD
Goa Shipyard LTD
STN Schiffseletrik GmbH
STN Schiffseletrik GmbH
STN Schiffseletrik GmbH
STN Schiffseletrik GmbH
STN Schiffseletrik GmbH

Anangel Maritime Services Inc.
Anangel Maritime Services Inc.
Cecon ASA

Carnival UK H 6166

Project:

AC Ideal NOV Rig 7498
AC Ideal NOV Rig 7499
AC Ideal NOV Rig 7614
Peregrino DR-1
Peregrino DR-2
Rig 136 Transocean Jackup

North Rankin B Platform (NRB=NR2)
H-257007 Maracc Semi (T6093) Subsea Crane National
H-3505/H-5908 Transocean Drillship, Daewoo OMEGA
H-204 Standard Drilling
Scarabeo 6
Shell Shearwater CPF+WHP Offshore Platform
H-1674 (Pride PS-1) Dhirubhai Deepwater KG1
Pride Drillship 2
Pride Drillship 2, Pipehandling crane

Ula
Iron Duke Platform
Comet, Jackup

H 2273 Brunei Gas Carrier
H 2277 Brunei Gas Carrier
H-2275 Knutsen LNGC
H-JLZ070438/39/40/41/42/43 Finnline 10500dwt
RORO
NB66 Drydocks World, Seismic Vessel
NB67 Drydocks World, Seismic Vessel
H-703 Bitumen Tanker
Dynamic Producer FPSO
SHI H1861 Saibos FDS II, J-lay (crane&pipe) vsl,
Saipem
MT 6022 XL

N255, 105k Shuttle Tanker
N256, 105k Shuttle Tanker
H-1203, 90M Offshore Patrol Vessel
H-1204, 90M Offshore Patrol Vessel
H-1205, 90M Offshore Patrol Vessel
NB 478 Anchor handling tug sup Maersk
NB 479 Anchor handling tug sup Maersk
NB 480 Anchor handling tug sup Maersk
NB 481 Anchor handling tug sup Maersk

DSME H-1178 Anangel Bulk Carrier
DSME H-1177 Anangel Bulk Carrier
PACASSA

RCCL./Celebrity: Galaxy
Fincantieri Monfalcone

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