Diverless Hot Tap Clamps for Åsgard

Imenco has been awarded a 4 million USD contract from Statoil Petroleum AS for delivery of three off 20 x 12 inch Retrofit Tee Clamps for Diverless Hot Tap operation of 20 inch subsea pipeline at the Åsgard field in the North Sea.

The manufacturing contract is subcontracted to Aibel AS. The first RT Clamp will be manufactured as a prototype clamp used for integration testing, while the other two will be permanent clamps used for installation on an Åsgard 20 inch flowline in conjunction with the planned subsea compression plant.

“We are very pleased to be awarded this contract. Four years ago we developed and performed qualification of a similar prototype for Statoil for the Tampen Link Hot Tap project. The clamps for Åsgard will be designed for a higher pressure and temperature specifications, but is very much like the one we made in 2006, says Arne Kinn and Odd Einar Lindøe, Imenco’s two key collaborators in the development of the Retrofit Tee Clamp for the Tampen Link.

Tampen Link is the name of the project that supplies the UK with gas from the Statfjord/Gullfaks area. The Åsgard project will be designed for 220 Bar pressure with a flow temperature of 80 degrees centigrade. Imenco will perform the engineering and testing work, and the manufacturing of the clamps will be at Aibel’s workshop in Haugesund.
Imenco tightening its grasp on foreign markets

During the last two years, Imenco has established four offices, the first two of which in Bergen and Stavanger, the last two in Houston and Aberdeen. With our customers operating all over the world, our internationalization and localization send a clear crystal message that we would like to pay close attention to our customers global market.

It was natural for us to establish our first two foreign offices in Houston and Aberdeen. Houston is the undisputed energy capital of the world, and gateway to America’s offshore activities.

So far, the North Sea has been our major market, so it is strategically correct for us to be located in Bergen, Stavanger and Aberdeen.

The next Imenco office abroad is most likely to be in Brazil. In Asia, we have employed a number of agents as our representatives in the Far East.

Being represented in China, Korea, Malaysia, Vietnam, Australia, Argentina and Singapore, we are present in that part of the world in which we believe our future markets are likely to be found. The growth of Chinese economy, along with the country’s demand for energy, makes China the very locomotive of this development, not only on their own continent but worldwide.

For our agents to succeed on their markets, it is imperative that Imenco offer appropriate training, product information, support and feedback. Agent Workshop 2010, to be organized in Haugesund on March 10th and 11th, will to some of the agents be their first meeting with their Imenco colleagues in Norway.

I am pleased to note that so many of our agents have time to participate at the workshop. Getting to know key Imenco personnel and establishing connections with people who are going to support them, our agents and foreign offices will have every possibility to succeed.

Managing Director
Geir Egil Østebøvik

Imenco with focus on China

For the past two years, Imenco has participated at the China International Petroleum & Petrochemical Technology and Equipment exhibition (CIPPE).

We are invigorated to be there again for another successful exhibition in March of this year. The response from the market is very positive and promising. Increasing demand for reliable, dependable and innovative products of Imenco is absolutely undeniable.

Our continuous presence accentuates our dedication, commitment, and undeviated attention to Chinese market. Customers recognize our products. They are aware of our strong position in the oil and gas industry. We have delivered numerous Helicopter Refueling Systems to our Far East market. Also we have received many inquiries about our Subsea Camera System, Saturation Diving System, and Specialized Engineering Solutions. We are determined to exceed our customer expectations. Says Bjørn Brunborg, Director of International Sales & Marketing at Imenco.

CIPPE is the largest oil and gas exhibition in Asia, and ranked fourth worldwide. 1,200 exhibitors and 40,000 visitors attend CIPPE at the New China International Exhibition Center.

Jan Endresen (right) at CIPPE 2009 discussing IMENCO products with a potential client. Due to the response IMENCO is back in Beijing for the third time.
Official opening in Grinde

Customers, other business associates and neighbours will be invited to the official inauguration of Imenco’s production facilities in Grinde on 16th of March 2010.

The mayor of Tysvær municipal, Harald A. Stakkestad will undertake the official grand opening of the production plant. Imenco’s CEO, Geir Egil Østebøvik will present a brief summary of the company’s history since the foundation in Haugesund in 1979. Today Imenco has 90 employees, and offices in Haugesund, Bergen Stavanger, Aberdeen and Houston.

The turnover last year was NOK 300 millions.

New workshop at Killingøy Base

Based on marked demand, a new Imenco workshop for service and repair is established at Killingøy.

The workshop is offering different workmanship for the maritime industry and the deep sea quay close to the workshop make the location favourable for ship repair, maintenance and servicing.

The workshop has a fully equipped machine shop for carrying out mechanical and hydraulic work, including maintenance and repair of diving systems, O2 cleaning, pressure testing, and other repair work for the offshore and maritime industry. CEO at Imenco, Geir Egil Østebøvik has great expectations to the new work shop. The location at Killingøy is ideal for shipping arrival, and with skilled workman craft within mechanical, hydraulic service and repair - we will fill a gap in the market says Geir Egil.
Imenco refueling package for “Deepsea Atlantic”

DSME (Daewoo) in Korea has awarded Imenco the contract to deliver a complete helicopter refueling package for a new GVA 7500 platform. Buyer is Odfjell Drilling.

The platform, named “Deepsea Atlantic”, is a sixth generation deepwater semisubmersible platform. It is designed for operations in harsh environments and water depths up to 3,000 meters. A loading capacity of 7,500 meter in all operating conditions ensures efficiency. Full winterization may be provided for improved working conditions in arctic environments.

“Deepsea Atlantic” is designed for environmentally sensitive areas, and the utmost focus has been put on obtaining zero discharges, low emissions and electrical solutions, to reduce onboard oil volumes and associated pollution risks. Separate drain systems are installed in the machinery area, drilling area and all outside clean deck areas. No drain water is discharged without passing a cleaning system which ensures acceptable oil content.

After arrival in Norway, Imenco was asked to upgrade the helicopter refueling package with our Test- and Recycle Unit. The personnel on board are now able to do all sampling in a closed system, and recycle the jet fuel back to storage tank. Closed systems means there is no spill, and no exposure of fuel to the environment. We believe that the crew on board in “Deepsea Atlantic” will be very pleased with our system. We have received very positive response and feedback from similar installations we have done in the past. The platform is now operating a long term contract with Statoil, Norway.

AFGUARD® Contribution to aviation safety

Imenco is proud to introduce FAUDI’s latest and most innovative product, now joining the array of well proven FAUDI Aviation fuel filtration elements -The AFGUARD® - water sensor. The technology reflects the next generation of aviation fuel filtration and monitoring, and is an important contribution to aviation safety, while meeting the demands of advanced progress. Some of the innovative features are: -Intrinsically safe - Dual channel scattered light turbidity sensor -Continuous monitoring of aviation fuel flow -Detection/monitoring the performance of filter/water separators & monitors -Reduction of faulty areas in aviation fuel filtration

AFGUARD® uses a light scattering/light blocking method which gives very low maintenance and long durability.

We have AFGUARD® in stock. Hazardous areas Certification

After undergoing test and development phases, the AFGUARD® has gone into serial production and is being implemented at large fuel handling plants. We know that it will successfully show what the future of aviation fuelling needs. Topping off our research is the fact that we received the hazardous area certification for zone 0/1 and zone 2, qualifying it for use in all hazardous areas worldwide. This most important certification shows that AFGUARD® fills the requirements according to the EI Model Code Safe Practice Part 15 (El 15) as specified by the Energy Institute. This area code covers installations handling flammable fluids, and is a well-established and internationally accepted publication. It provides methodologies for hazardous areas classification around equipment for storing or handling flammable fluids in the production, distribution and retail sector and should be applied by process safety practitioners involved in hazardous areas classification. Our AFGUARD® displays the sensor technology which will replace other means of chemical detection in the future, because it works with much better accuracy and is most cost effective in its applications.
In connection with the yearly ROV inspection of the Dong Siri platform last autumn, cracks were discovered in the tank under the platform at 60m depth. Contact with Imenco was established, a few phone calls, and Jan Wulsberg, head of electronics at Imenco, was on his way to Copenhagen and Dong's headquarters.

To solve the situation, a specific project center was established counting people from different disciplines. The objectives for the project team were to obtain a rapid solution and to establish a system that could monitor the cracks and potential future developments. Imenco's solution was to monitor the cracks by using 8 cameras with integrated lights, type Imenco mini L, each mounted on a tripod with magnet.

The signal from the cameras was gathered in a subsea pressure bottle, which also supplies power and individual light signal to each camera. The bottle converts the signals into digital (IP), and transfers them to the surface by fiber optic through an Ethernet hub. Topside, the signals go through a switch to a PC with software with recording specially made for Dong. Before the main camera construction was made, Imenco designed a prototype and performed a subsea installation with assistance from a ROV. The test was a success. As a result, DONG issued a PO, and the main camera system was delivered 11 days later.

Imenco personnel assisted the installation at Dong Siri, which was successfully completed, without any complications whatsoever. Imenco supplied the camera, cables, subsea pressure bottle, fiber optic cables, topside receiver, PC and software.

This is a typical project where Imenco can apply all its knowledge within subsea camera & surveillance, combined with 30 years experience in subsea intervention, says Jan Wulsberg, Manager for Imenco Electro/Electronics.

Open Day, Imenco UK Ltd. Aberdeen

On Thursday March 25th Imenco Ltd Aberdeen is going to keep open house, inviting existing and new customers to their new premises at the Enterprice Centre, Science and Energy Park, Bridge of Don. The building is situated right across the road from the exhibition hall in which Offshore Europe takes place.

The reason why we do this is to market Imenco in Aberdeen, exhibiting a representative selection of our products, such as cameras, ROV Shackle, Latch, Guide Wire anchors etc. We will be open from 12 noon till 6 pm, and will be serving food and drinks.

- We are looking forward to being able to receive our customers in our new office, with our CEO Geir Egil Østebøvik present, together with other representatives of the group management, says George Falconer of Imenco UK Ltd to Imenco Today.
Imenco’s engineering team at the branch office in Bergen are about to complete the engineering work for the fairleads for the Riser pull-in system for Petrobras Rig P-55. Production of 73 blocks is taking place on several workshops in Norway and Poland.

As the contract was signed, it was the biggest one in Imenco’s history, and so far our team has used approximately 10,000 engineering hours, says Manager Martin Tveitnes at Imenco’s office in Bergen to Imenco Today.

- Delivery will take place in the end of June. The Riser Pull in System has been a challenging project, and we have learned a lot, since this is our first contract for the Brazilian continental shelf.
- It is “tailor made”, and we benefit from Imenco’s 40 years experience with lifting technology. It is our hope that the delivery of this system Petrobras Rig P-55 will give us new contracts when similar smart solutions is required on other rigs and FPSO’s, says Tveitnes.

The contract is close to US$ 4 millions, and Imenco is a subcontractor for Aker Solutions. The 73 blocks and sheaves are parts of Aker Pusnes riser pull-in system™. P-55 will be built in Turkey, to be installed in the giant Roncador field 130 km north-east of Rio de Janeiro State, Brazil. The combined oil and gas field is one of 55 in the Campos Basin. The water depth at Roncador is approx 1,800m, and the semi-submersible rig will have a production capacity of 180 thousand barrels/day and a compression capacity of 6 million cubic meters/day of natural gas.

Riser Pull-in system to Petrobras

Growth in Bergen

It is only two years since Imenco opened a branch office in Bergen, but since then the number of employees has grown from three to six. However, General Manager Martin Tveitnes foresees that the staff might double from 6 to 12 during the present year.

- We have not been affected by the financial crisis, if the number of inquiries and contracts we receive are anything to go by. The situation is rather the opposite; we need more personnel. We’re on the look-out for civil engineers and engineers, particularly engineers with experience within project management, Tveitnes says to Imenco Today.

Imenco Bergen need more personnel.
It is always nice to get positive feedback, but when it comes from the auditors of one of the world's leading helicopter companies, it makes us proud. Project Manager Rune Bringedal and Jan Erik Hustvedt at Imenco production plant in Grinde know that a positive audition report from Bristow Helicopters means a lot.

For helicopter companies, safety is the most important issue, and when they are pleased with the way Imenco manufacture the aviation refuelling systems, Bringedal and Hustvedt and their colleagues have every reason to be proud.

The Bristow audit was performed in accordance with Bristow internal audit program and an agreement with the company Imenco AS. The audit was done according to the standards outlined in OLF Helideck Manual and CAP 437. The following items were audited:

- Quality System
- Training of personnel
- Training Records
- Inspection System
- Inspector Qualifications
- Inspection Records
- Production Standards
- Facilities

Bristow auditors reported they were received in a very professional manner.

Well prepared
- The company was well prepared for the audit and had allocated relevant personnel to guide the auditor through their Company. The company has solid experience in both building and inspecting offshore fueling stations. They have experienced a good growth in the market and seem to have good economic bases for their enterprise. The company is delivering systems all over the world especially to the Far East (Singapore, Korea) and to the United States. They are also represented in some of these countries either by own offices or local representatives.

The company had systems in place both for training, building fueling stations, testing and servicing/inspecting the installations. They were also interested in keeping a close relationship with the helicopter operators to ensure conformity to standards.

Qualified vendors
The company is listed as qualified vendors of offshore fueling systems and inspections in HCA (Helideck Certification Agency). When delivering systems used for the Norwegian and UK sector of the North Sea, the standards mentioned in OLF Helideck Manual and CAP 437 were followed. The fueling systems were also inspected once a year according to OLF.

No “non conformities” were found during the inspection, the auditors reported.

Heavily expantion
Imenco holds an ISO 9001 approval and an ATEX approval. They have expanded heavily the last 5 years into several different areas. The part that makes and inspects offshore fueling stations consist of approximately 12 persons and is also supported by other departments in the production phase.

Imenco's production unit has moved into brand new facilities at Grinde. The facility has plenty of space with all different tooling systems and stands lined up after each other in clean and dry environments. There was also test facilities where a full scale function test could be done in-house before the installation was sent to the customer.

The audit was performed by Audit Team Leader Per Skalleberg from Bristow.
Acergy Havila, most advanced DSV in the world

- “Acergy Havila” will probably be the most advanced diving support vessel in the world. The diving system is designed to accommodate 24 divers, and the ship will be delivered next year, says Project Manager Moss Mustafa to Imenco Today.

The 120 meter long hull has been built in Turkey, and towed to Norway where she will be completed at Havyard in Leirvik in Sogn. The last months have been busy in the production facilities in Grinde as diving control systems for three diving vessels has been in production at the same time.

- The 24-man, twin bell saturation diving system will be certified for Norwegian regulations, and will utilize the latest technology. The ship will offer a very high standard of accommodation for a crew of 120. The design will reflect Acergy’s 30-year experience within diving operations in harsh environments.

Imenco (NUT) is proud to be involved in such a state-of-the-art diving support vessel (DSV), says Production Manager Einar Løvfall to Imenco Today.

Within a few weeks GDV 163, the first of the three diving support vessels with Imenco (NUT) diving system on board, will be delivered from Bergen Yards.

Moss Mustafa says all installations now are completed, and the final tests are being conducted. GDV 163 will accommodate 18 divers.

Imenco have also delivered the diving system for GDV 164. However, the ship was sold without the system installed on board.

What makes “Acergy Havila” the state-of-the-art Diving Support Vessel (DSV) is the high quality, and the computerized control system.

- That gives safer operations, and all relevant information is registered, says Mr. Mustafa.

“Acergy Havila” is equipped with two diving bells built for operation down to 400m depth. Imenco supplies for this vessel are more extensive, amongst other including automatic surveillance of diving chambers. The vessel is built to be able to operate under tough conditions anywhere in the world.

Through last year’s acquisition of Norwegian Universal Technology AS, Imenco has become a leading supplier of complete diving systems for customers worldwide. Imenco is cooperating with German corporation Dräger about the supply of these systems.
Agents Workshop in Haugesund 2010

On 10-11 March, Imenco is organizing the “Agents Workshop 2010” in Haugesund. As a result of the international focussing of Imenco, the number of agents has increased considerably.

This strategy now needs to be followed up in terms of training and education. In order to enable our cooperating partners worldwide to do a good job, they need an understanding of the Imenco concept, says Bjørn Brunborg, who is responsible for marketing and following up agents and offices abroad.

- We are planning an active workshop with visits to Imenco Workshop at Grinde as well as the Imenco HQ in Haugesund. There will be a lot of product information, but it is also important to meet and get acquainted with the agents and their market situation. We will be gathering Imenco’s sales agents in Asia, the US and Europe, allowing them to meet personnel in charge of diverse products areas such as Diving Systems, Helicopter refuelling Systems, Subsea products, Lifting and Handling and Surveillance CCTV Systems.

In addition to its offices in Haugesund, Grinde, Bergen and Stavanger, Imenco has offices in Houston and Aberdeen. Moreover, Imenco is represented through agents in China, Korea, Malaysia, Vietnam and Singapore, says Bjørn Brunborg, referring to a map on www.imenco.no for a complete overview of the places in which Imenco is represented.

New welding workshop in Grinde

The new welding facility at the production plant in Grinde means more efficiency and improved HES standard. The skilled personnel have a key function in the production of Imenco’s refuelling systems for helicopters.

Imenco has personnel and knowhow to do nearly all kind of welding techniques on various materials such as steel, stainless steel and aluminium and also fine metals.

The capacity of the welding workshop is also sufficient for Imenco to offer all kind of welding services to customers in and outside the Haugesund area.

The new welding facilities have a central position in Imenco’s new production plant in Grinde, 15 km east of Haugesund.
Imenco has focus on Houston:
–We are here to stay!

–Imenco’s strategy in the USA is crystal clear: We are here to stay. Our new Houston office is perfectly situated between Beltway 8th and 290. We have chosen a market oriented strategy involving frequent meetings with customers. During this phase it is important to us to communicate with our customers, presenting our products and services.

This is the daily task of Al Cohen, VP Business Development-USA. In the course of two months we are participating at three important exhibitions, says Bjørn Brunborg, responsible for the Houston activities together with Al Cohen.

On February 2nd to 4th we participated at Deep Offshore Technology (DOT) at the George B Brown Convention Centre in Houston, where several Oil & Gas companies represented. We received a lot of positive feedback from visitors.

The subsequent week we went on to New Orleans to participate at the Underwater Intervention (UI) from February 9th to 11th. In focus this time was Subsea and diving systems; Imenco is known as one of the companies producing saturation diving systems.

However, our most important promotional campaign in the US this spring is our presence at the Offshore Technology Conference (OTC) in Houston on May 3rd to 6th. Last year, we were not fully satisfied with our stand allocation at the OTC, so this year we are making alterations in order to get a larger stand with a more central position, says Brunborg.

- We are proud of being active participant at OTC, DOT, & UI this year. We have clear vision set by our leadership team. We are marching toward the big picture of internationalization by combining direction with perspective. At Imenco-Houston, we have a desire that feeds our passion and steels our determination to deliver “Smart Solutions” to this part of the world. We have built our reputation on offering reliable service and dependable products for past 30 years, and in Houston we live by our legendary commitment, says Al Cohen, head of the Houston office.

At the OTC, focus will be on Aviation Fuel Systems, Diving Systems and our advanced camera systems for both subsea and topside. Moreover, we have several products such as ROV shackle, Guidewire anchors and latcher, already subject to a lot of attention from the market.

Brunborg describes the three US exhibitions as excellent opportunities for the marketing of Imenco in North America.

- If we do the right things frequently and long enough, we will be rewarded. Our point of departure is positive, and we are happy to have Al Cohen directing our Houston department. He is the external representative of our company in Houston, and the customers’ internal representative in Imenco.

We are also installing a professional video conference system between our main office in Haugesund and our offices abroad. These facilities allow our customers in the US to talk directly to our engineers at the head office and, if necessary, our production unit at Grinde and engineering office in Bergen.

Similar systems will also be available later on in Aberdeen, as we consider them a cost-effective asset to ourselves as well as our customers.

Imenco is co-located with an other Norwegian company, Adventec Houston Ltd., whose head office is located at Stord, Norway.

Imenco meets INTSOK-USA

Jan Endresen and Al Cohen in a meeting with Intsoc US, represented by John Hurter (in the middle)

Imenco’s internationalization is on track, which is important in order to get closer to our customers. John L. Hurter at Intsoc was honored for his support to Imenco in the US market.

The Imenco team pays strict attention to details when it comes to product design and availability, manufacturing, certification & support. We are a people-oriented company that listens to the voice of the customer, and uses that knowledge and expertise to meet customer expectations and exceed industry standards, says Al Cohen, VP of Business Development in the US.

Due to customer demands we now have offices and agents in more than 10 countries around the world. We shall succeed in building a network in assurance of superb quality and outstanding service. Our Imenco leadership team will focus on developing and coaching every single team member to provide reliable products and dependable service. After all Imenco’s motto is: “Smart Solutions and Smart People”
New workshop manager at Killingøy

Christian Andreou has been appointed Workshop Manager for Imenco’s workshop at Haugesund offshore base at Kyllingøy. He will assume full responsibility as from April 1st. Until this date he will work closely with the present workshop manager, Andreas Kvale.

- I wish Christian all the best in his new position, and I’m anxious to see how we can increase activities in the workshop. The goal is to have a modern service workshop for hydraulics and mechanics within diving, ROV and other related work scope, says CEO at Imenco, Geir Egil Østebøvik to Imenco Today.

Focus on Subsea products and CCTV Surveillance

Kjell Ole Pedersen (59) started at Imenco September 2009, and will in his position focus on subsea products, especially CCTV surveillance. He has a background from operational offshore related work, having worked for Decca/Racal, Fugro, Stolt Nielsen Seaway and Statoil. His most previous position was as a project manager at Statoil Pipeline Operation Department at Kårstø, where he dealt with major offshore pipelines.

Kjell Ole has a long-standing onshore and offshore experience (vessels and platforms) having been involved in a number of pipeline projects on land, topside and subsea projects in the North Sea and internationally, e.g. Turkey, Azerbaijan and Iran. His background gives him a good knowledge which fits in nicely with Imenco’s products, and this is my best asset in my new position, says Kjell Ole. Given Imenco’s international strategy is important to get access to and serve new markets, either through our branch offices abroad, or through our agents around the world. Some of our clients operating in the North Sea are also present internationally, but there are many new customers whose doors we should knock on.

Kjetil Eriksen is employed as an engineer at Imenco as from 1 March 2010. A graduate mechanical engineer of Høgskolen Stord/Haugesund (College of Stord/Haugesund), Kjetil is 27 years old, unmarried and lives in Kopervik, where he grew up. One of his former employers is Østensjøs Rederi AS. He will be working at the engineering department at Imenco HQ.

Thomas Vestveit Olsen has been hired as a welding engineer. He will have the responsibility for the welding workshop and for following up sub-contractors. Thomas is 34 years, married, and has two children. He comes to Imenco from Nemo Engineering, where he was responsible for materials and welding. He was also a welding coordinator at Nemo’s Haatech workshop.

Stuart McConnell has joined Imenco Aberdeen office, January 2010. Stuart is working under the guidance of George Falconer in Aberdeen, and is a Mechanical Engineer. Since his completion of his engineering apprenticeship, and Technical education, Stuart has been involved in the direct sales of tooling solutions within the Oil & Gas equipment manufacturing, and distribution companies. Stuart is 45 yrs of age and has interests in various sports such as football, golf, squash, & hill walking. With an HNC in Mechanical Engineering, Stuart shall bring his enthusiasm along with his direct sales capability to promote the Imenco brand within the UK.