

Albwardy Damen News



NIIGATA

NEWBUILDING

Multi Cat 3313 SD DMS Snipe

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DMS Snipe
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in Fujairah

ALBWARDY DAMEN

FOREWORD

We have now entered the last quarter of 2023. The world is still in a turmoil with the war in Ukraine and now also a huge fight between Hamas and Israel. We have seen impact on our business for international shipping in places like Fujairah. That said we are in a fortunate place in the UAE, which is not directly involved in any of these conflicts.

Repair has been busy all year and we are fighting to meet the demand for docking space and repair. We have not seen any big conversions, but the general repair jobs have kept us very busy. It's never easy to try to predict the workload on repair, however it looks like the high load will move well into 2024. I can only recommend that our customers reserve their docking slot well in time to avoid delays.

For our Newbuilding division, we have had some interesting deliveries in 2023 amongst these four ice breaking tugs for the Swedish Navy. Looking forward it looks like Newbuilding will be very busy in 2024, -25 & -26. At the moment we are manning up to make sure we can meet the demand going forward.

Albwardy Damen in Dubai Maritime City (DMC) will also have a good 2023. In general, our OEM Representations are a busy area. We are now fully dressed to support all the Niigata customers in the Middle East. Recently we have taken the lease of an extra workshop in DMC to be able to expand our offering of engine special services.

Both our Workshop and Diving division in Fujairah are busy and we are confident that that will continue. We do our utmost to make sure that we serve the customers with flexible and on-time service.

We are in general positive about the future and you will see expansion, for both Repairs and Newbuilding, taking place in Hamriyah during 2024.

Please enjoy this Newsletter and should you have any comments or questions please don't hesitate to contact us.

Lars Seistrup
Managing Director



2023 #11

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By Sajan K.
Senior Project Manager



NEWBUILDING

Multi Cat 3313 SD *DMS Snipe*

DMS Snipe is a beautiful Damen Multi Cat 3313 SD, specially built with shallow draught design less than 2m draught. It's a new design of Multi Cat developed by Damen Shipyards Hardinxveld to serve the marine dredging industry, anchor handling services, offshore services and marine maintenance works.

Having shallow draught capabilities will suite the vessel to work very close to shore even by keeping the marine ecosystem intact. This was built to a new class of Damen Multi Cat with an engine room ready to be upgraded to meet IMO Tier III compliance in emissions reduction.

DMS Snipe was built for Damen Marine Services to strengthen their fleet in Multitask vessels in various requirements in the Middle East and in compliance with ARAMCO/ADNOC requirements. Our journey began in March 2022, and by June of the same year, we observed the traditional keel-laying ceremony.



Mr Jan Fijnekam, the Managing Director of Damen Marine Services, welded the coin to the keel, marking a significant moment in the vessel's construction. The intricate engineering details of the vessel were meticulously handled in-house, working closely with Damen Hardinxveld to ensure precision and excellence. We came up with a smart building strategy to make constructing the vessel efficient, considering the timely arrival of major machinery at our yard. We divided the vessel hull into different blocks and pre-equipped these blocks with piping and small steel foundations. This approach allowed us to complete all the hot works as soon as the blocks were joined. Once joined, we could kick start

painting, carpentry, and electrical works in the finished sections, keeping our construction on track. One notable challenge was fitting all six engines (three for propulsion, two for the generator, and one for the hydraulic power pack) into the limited space of the engine room. Additionally, the Multi Cat required a significant amount of hydraulic systems for the deck machineries and cranes, demanding seamless integration throughout the vessel's length.

During the construction, we had a very fruitful cooperation with Damen Hardinxveld and Damen Marine Services. Approvals of the construction and Quality checks are completed without any issues

within the planned time. Obviously the vessel was built with highest Quality Standard.

We launched the vessel on January 16, 2023, just as we planned in our contract. The sea trials went smoothly in early March 2023, and by mid-March, the vessel was all set for delivery.

On the 16th of March our shipyard hosted a beautiful naming ceremony for our latest vessel. The event saw a gathering of high officials from Damen Shipyard Hardinxveld, Damen Marine Services, and our management. Ms Sandra Hitz, the vessel's God Mother from Damen Marine

Service, added a touch of charm by christening the ship with sparkling champagne on its bulwark. It was a joyous moment for everyone.

With the successful delivery of the Multi Cat DMS *Snipe*, our cooperation with Damen Hardinxveld blooms further, as they entrust us with the construction of not one, but two more Multi Cat 3313 SDs. We are very much delighted with these orders and the trust in us by Damen Shipyard Hardinxveld. Our team is committed to bringing the same dedication to ensure the success and high-quality construction of the upcoming Multi Cat 3313. <<



HYDRAULICS

Our Hydraulics team

Our Hydraulics team is continuously expanding its capacity and capabilities. They are supporting customers with many large, small and challenging jobs across the various Ports in the Emirates. The team is engaged in trouble shooting but also full overhauls of cranes, hydraulic motors and hydraulic cylinders in-house.

We upgraded our testing workshop with a new In-house designed and manufactured static test bench in our Sharjah yard. The bench will be used to test cylinders, motors, valve blocks. The flow can be varied from 0-116 LPM, pressure can be varied from 0-350 bar. <<



- ▶ Picture shows troubleshooting of Heila crane HLRM 200 4SL and yearly re-calibration of Albwardy Damen supplied and installed load monitoring system.





HSE

Accident prevention and building positive safety culture at work

Building a positive safety culture is essential. It's a work environment where safety is at the core of decisions and actions. Key elements include:

- **Supervision and Transparent Communication:** Create an environment (toolbox talks or other avenues) where workers can express safety concerns confidently.
- **Continuous Improvement:** Analyze incidents and nonconformance's even minor ones, to prevent recurrence.
- **Employee Involvement:** Engage workers in safety, making them active stakeholders.
- **Recognition Programs:** Celebrate safety achievements and recognize those with exemplary safety practices (safe employee awards).
- **Ongoing Training:** Update workers on the newest safety measures.

- **Trust Building:** Nurture trust between staff and management, promoting genuine safety intentions.

At Albwardy Damen, safety isn't just a priority. It's our foremost consideration in all our endeavors. We firmly believe that a job is only done right when it's done safely. Our commitment to safety is evident in our impressive safety statistics, our operational methods and customer's, third party auditors feedback. We empower of every team member to halt operations if there are any safety concerns.

Every one of our business units has excelled in accident prevention, and collectively, we've accomplished a remarkable 6.5 million man-hours without a single lost time injury. Our dedicated safety team collaborates seamlessly with the operations team, not only addressing employee concerns but also spotlighting standout safety practices. Such commendable safety behaviors are acknowledged and rewarded at Safety forums, overseen by our senior management. ◀◀

OUR EMPLOYEES

More Female Emirati Employees



Mahra Muaath is my name. I have been working at Damen for about a year, and I am very grateful for this job. I am from the Emirate of Ras Al Khaimah and I live there too.

My working day starts as soon as I sit in my car to drive 77km to DSS. It takes me usually $\frac{3}{4}$ hour. I do my best to strive to advance in developing my skills and learning new things. I am very happy with the team that I work with.

Thank you all.



With great pleasure, I would like to introduce myself.

My name is Fatima Khalid. I work in the HR Department as Administration Assistant, having joined the company in December of the last year.

Since then, I have worked hard, attempting to achieve my goals and grow as a person. Simply said, I enjoy what I do and how I treat people and how good they are to me.

I am native of the Emirate of Ajman, UAE.



My name is Maitha Alshehhi, and I studied at the HCT (Higher Colleges of Technology) in Sharjah but I reside in Ajman.

I began working here in December 2022.

My job is centred on Port Pass Application processing for our employees and our visitors.

I feel really fortunate to be employed by this organisation since everyone here respects and helps one another. I have learned a lot and am still learning, and I'm doing my best to improve. I also enjoy my work.

TRAININGS

Fresh Graduates Induction Training Program

The Company's manpower adjustments received another boost when Management recently welcomed two Emirati Fresh Graduates and later six others for the Fresh Graduates Induction Training Program.

This induction training is mandatory for every fresh graduate that joins Albwardy Damen, and is so designed to properly soak the new joiner that comes after his/her graduation, into the Albwardy Damen system of operation. During the said period, the newly appointed engineer shall be made to start his training from the very basics of shop-floor duties.

The goals of the induction training is to equip any such newly qualified graduate, who may be academically very sharp, but might take a longer time to grasp firmly, the assigned job rudiments. The induction training also seeks to prepare the base for Leadership roles in the course of his/her career at Albwardy Damen including taking up differing responsibilities within the various processes or departments in Albwardy Damen.

The Newsletter wishes them the best of luck in Albwardy Damen. <<



Picture shows the current batch (from left) Melvin John, Mohammed Shahzaad, Mazin Rahman CK, Nimal Amjad, Sridaar K.S., Mohammed Ali Saif Jumah; Vishnu T.V. with Training Manager Emil Akumah.

TRAININGS

From 'stick welding' to 'flux-cored welding'

DSS Steel Fabrication has systematically moved further from SMAW (arc welding) to FCAW (mig welding) and also Mixed Gas welding to CO₂.

The need for this migration has become necessary because of pressure from Ship Owners to meet increasing quality requirements while also delivering vessels on tighter schedules but providing lower costs.

Basic reasons for this transition include:

- ▶ This welding method has higher deposition rates (per hour) compared to other techniques.
- ▶ The flux core welding process is excellent for welding dirty, rusted, or contaminated metals.
- ▶ This welding process is ideal for all welding positions and outdoor welding activities because of the flux shield.
- ▶ Ideal for metals like stainless steel, carbon steel, high-nickel alloys, and low-alloy steels.

In support of this, The Training Section together with the Steel Manager organized a BV Class Certification course for selected seventeen (17) Welders drawn from DSS Steel Repairs, DMC Operations and from Newbuilding. <<



Picture shows Steel Manager Vasudeva Kurup, Training Engineer Tissan Jose (middle) in a group photograph with the Welder Trainees, QC Engineer Sarvesh and the Training Manager Emil Akumah.

TRAININGS

Supporting UAE's Higher Colleges of Technology

The UAE Ministry of Education, acting through the Higher Colleges of Technology (HCT) recently selected AlbwardyDamen for Summer Internship for three (3) female Electrical Engineering Final Year students, for intensive training in Power generation.

The Students are Hamda Saleh Hassan Khaims Al Ali, Noura Khalid Saleh Saeed Almusharrekh and Amna Obaid Ali Almansouri Alsuwaidi.

In furtherance of our Corporate Social Responsibility, the Albwardy Damen Management, drew a comprehensive syllabus for the ladies – in line with the HCT Engineering Faculty Professorial team – and the training was run successfully. <<



Picture shows Albwardy Damen Managing Director Lars Seistrup (3L) with the Trainee engineers at their closing ceremony, which was also attended by Finance & HR Director Pradip Saudagar (R), Newbuilding Director Marius Ghinea (2L) and Emil Akumah of Training.

Niigata updates

Albwardy Damen is the Middle East service and spareparts representative for Niigata engines and thrusters. Based in Japan, Niigata is a popular choice for propulsion, with 135 units operating in the Middle East region alone. Medium speed engines, robustness, low maintenance costs and proven technology are the main reasons why customers choose Niigata. All is supported by a global service network.

As Albwardy Damen Niigata team, Our core focus is on providing the timely supply of spares and addressing the full range of service requirements of our valued clients in the region. Our team is made up of 8 factory trained service engineers, three automation engineers and a dedicated team processing parts orders.

Niigata is a front runner in the R&D into new fuels and is offering various “multi fuel solutions”. They are well set up to support and future proof any newbuilding projects.

Apart from offering Full maintenance and part services we are also offering preventive maintenance solutions:

- ▶ **Health Check Service for Niigata Engines and ZP.** Regular specialist engine/ZP diagnostics can help prevent costly breakdowns and significantly extend overhaul schedules.

- ▶ **Engine diagnostics.** The inspection includes an engine function test under load, borescope inspection of all combustion chambers, testing of peak and compression pressures, emission testing, fuel pump timing checks, lubricating oil analysis, laser alignment, and diagnostics.

- ▶ **Thermographic Surveys.** A thermographic survey is a specialized technique that can be employed for assessing the condition of various components such as connections, joints, contacts, switchboards, distribution boards, control panels, and exhaust manifolds. Due to its non-invasive nature, it can be used as a part of predictive or planned maintenance of the aforementioned components.

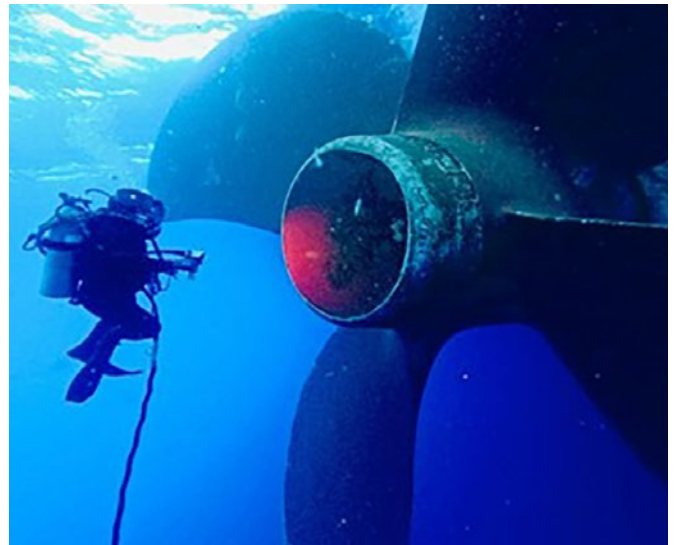
Please contact us at niigata@albwardydamen.com for further information.



DIVING SERVICES

News

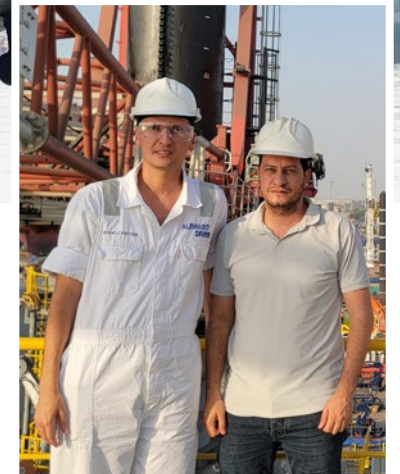
Our underwater division has been operating without LTI's for years and is totally committed to operate at the highest degree of safety, while maintaining the quality and efficiency of every job performed.



With a water depth of up to 150 meters in the Fujairah Anchorage, our anchor search and recovery service is in high demand and has been upgraded with the latest sonar equipment recently.

This year the team has been busy with underwater (welding) repairs to scrubbers and overboard lines. We have 2 in-house

class approved Underwater welders to carry out these repairs. Our divers have extensive technical capabilities in blanking and plugging jobs. These jobs are carried out in close cooperation with our mechanical team who supports these kind of projects inside the vessel while the divers handle the Underwater part. <<



SHARJAH REPAIRS

Rawabi 607 Self Elevating Lift Boat

Rawabi 607 is a 59m x 40m Self Elevating Lift Boat with Tubular Legs. She is owned by Rawabi Vallianz, one of the largest ship operators in Saudi Arabia. The vessel arrived in Albwardy Damen Sharjah yard to perform major works before going on charter with Aramco Operations.

Apart from the normal preservation and 5 years maintenance works, the vessel needed some major upgrades to comply with Saudi Aramco requirements.

Albwardy Damen Mechanical Team under the guidance of Berg propulsion, performed major repairs and serviced all stern and bow

thrusters in afloat condition. Access over the water gave the Team some real challenges but all was performed in a safe and efficient manner.

Major modifications have been performed to the Foam Fire Fighting system including changes to the monitors / hose reels / main fire water tank. A complete New Deluge system has been designed and installed onboard along with larger capacity Fire monitors / Reels and main pumps to match with the client needs.

The accommodation was upgraded by our in-house Outfitting Team, who installed new VIP Cabins, a VIP Arabic-styled Lounge area and upgraded the toilet facilities

All was supported by our Engineering team and Naval Architects who assisted with preparing all needed drawings to obtain Class approval for the modifications carried out. A great team effort by the Yard Operations team, Engineering, HSEQ team, ABS classification and the Owners' team. <<

FUJAIRAH

Ship Repair



Our team in Fujairah has had a busy year with over 10 drydockings carried out locally in the Port of Fujairah. Our work on the Fujairah and Khorfakkan anchorages also continues to be busy with steel, piping and engine works. We have increased our 2 stroke and 4-stroke overhaul teams to cope with the additional demands from our customers.

In August we successfully completed various afloat repairs onboard a bunker tanker as part of intermediate survey alongside in Khorfokkan Port. The extensive scope included Steel repairs, Piping repairs, renewal of heating coils. Also overhaul of Valves, Various pumps, Ballast pumps and other various repairs. The project was well executed amidst the constraint of a very tight schedule. Excellent cooperation between the owners, our repair teams combined with daily progress updates to keep everyone informed ensured smooth completion of the repairs, on time delivery and a happy customer. <<



FUJAIRAH

Industrial projects in Fujairah

Our Fujairah team also carries out industrial projects in the port of Fujairah as well as the various terminals in the Fujairah area.



► Marine loading arm triple assembly

Port of Fujairah maintenance and engineering team regularly call on us for their various repairs and refurbishment works inside port and oil tanker terminals. The team also assist port maintenance team in any emergency repairs which raised during their operations.

In order to execute the Fujairah Oil Tanker Terminal maintenance jobs and to meet the FOTT HSE rules and guidelines, we have qualified our Technical Teams and HSE in line with FOTT HSE requirements. FOTT terminals have a very strict safety regime, and considering the terminal dangerous zone category, we are equipped with all tools and equipment which meets the rigid

HSE requirements. Moreover, all the manpower involved in various kinds of works are individually competent and third-party certified.

Another project our teams is engaged in is the maintenance of marine loading arms. For the past years, we attended various maintenance works of FOTT terminals marine loading arms (MLA). These MLAs are used for the transferring of white oil and black oil products to the vessel from port. The Triple assembly is the most critical part of this MLA which is allowing the MLA to connect to vessel manifolds precisely. Multiple swivel joints and ball valve units make this triple

assembly for the oil transfer and to work as an emergency response coupling during any emergency. To transport these huge pieces of metal to our workshop area is quite an operation and as it is all very specialized repairs and maintenance have to be exercised with caution. These special projects are a great addition to our capability and experience and the fact we can do this locally in Fujairah is of great benefit to the local customers. ◀◀



DAMEN SERVICES MIDDLE EAST

Full speed ahead

Four years ago - Pivot

Damen Services redefined its strategy; while safeguarding an excellent warranty service for our clients, we would extend our commercial business with a specific focus on parts sales and maintenance activities. By further developing our local presence fully utilizing the synergies with Albwardy Damen as a repair hub, to offer and deliver turn key solutions for Damen vessel owners in the region. This development was aimed at becoming the strategic life cycle support partner for our clients.

Today - Status

We have now set up a local branch of Damen Services in the UAE under the name of Damen Services Middle East. Under this new company we now operate offices in Sharjah and Dubai and keep improving our representation throughout the Middle East region, to bring our service to the clients where they are. The regional team has now grown to above thirty covering warranty, spare parts sales and maintenance execution, including both hands on technical specialist and project management. This approach have been instrumental in being able to develop closer partnerships with our clients. Through these close relationships we have seen a rapid increase in our overall volume as a direct result of our increased ability to predict and advise our clients on their future needs. Currently we are

supporting a number of clients on integrated long term maintenance contracts.

We are officially representing Praxis Automation Technology B.V. for the delivery of innovative ship automation, navigation and electric propulsion equipment for all types of vessels and we are representing Eriks B.V. for the delivery of high-quality mechanical engineering components including valves, instrumentation, pumps and other related systems.

The Future – Staying Ahead

Back on the business front, things are changing too. Ships are getting more complex, new technologies are coming largely driven by legislators and general supply chain requirements from clients, both looking for a more green transport model. Damen Services seeks to play a central role in keeping existing Damen vessels up to date by proactively offering upgrades utilizing the new technologies used on our new vessels delivered today.

Damen Services Middle East will, together with Albwardy Damen, bring this to the regional market as turn key solutions, enabling owners to keep up with increasing requirements. The future as we see it is a mix of thrilling possibilities and challenges. But in partnership, we aim to guide our clients confidently into this new era. <<

Deliveries

Recently Damen Shipyards delivered five vessels to DP World. The order consisted of a Multi Cat 1908 and two ASD Tugs 2312 for Jebel Ali Terminals, in addition an ASD Tug 2312 for Dubai Drydocks World and an RSD Tug 2513 for P&O Mozambique.

Damen Group Chairman Mr Kommer Damen has recently visited the Container Terminal in Jebel Ali where he expressed his appreciation to DP World and P&O Maritime for the long-lasting cooperation and the recent orders. <<



► Picture shows DP World and P&O Maritime senior management are visiting together with Mr Damen the newly delivered Damen ASD Tugs *Mihaiz* and *Al Wasl*.





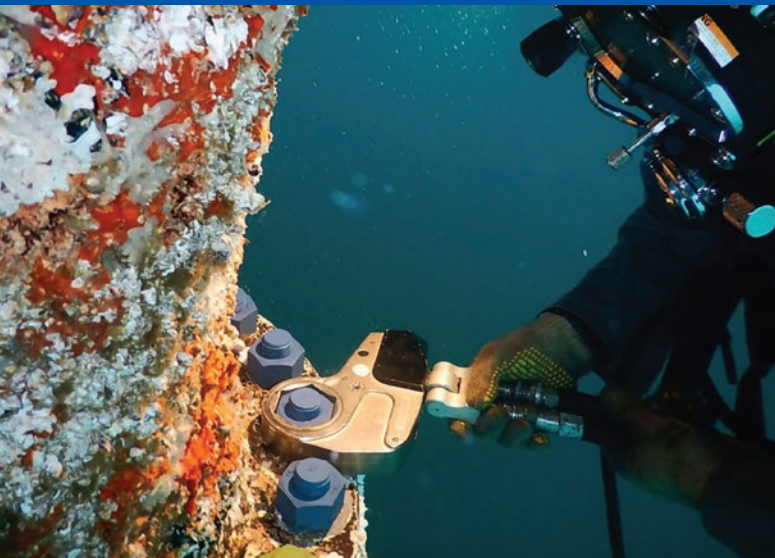
Ship repair

Since 1978, Albwardy Damen has been providing a complete package of professional ship repair, shipbuilding and marine engineering services.



Afloat repairs

CDC & BOSIET Certified Riding squads are available to meet customer requirements on board vessels.



Diving services

Albwardy Diving Services is headquartered in Fujairah from where it serves the UAE Ports, Anchorages and beyond.



New building

Supported by Damen quality building technology we build Damen as well as non-Damen designs in steel and aluminum up to 120 metres.

ALBWARDY DAMEN

Dubai | Fujairah | Sharjah | Salalah

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