



DUBAI - SHARJAH - FUJAIRAH

NEWS

SEPTEMBER 2017

#2

**DUAL AWARD WIN DUBAI FERRY STORY RIGGING TRAINING PAKISTAN-INDIA DAYS AT DSS
FUNNEL REPAIRS TO MAERSK SARAT ADVANCED ROTOR TUG 80 – 32 HSE DIVING**

ALBWARDY DAMEN



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Dear Reader,

Welcome to the second edition of our newsletter. The UAE has seen the warmest summer for many years. It has been tough times for our teams working under the sun. The good news is that it looks like we have been able to manage the heat and we have only seen few cases of heat related issues passing our nurse Rony.

We have this year seen a summer with very low activity on the repair side in both Dubai and Hamriyah. We have now seen a slight pick-up, but we would still like to see more vessels in for repair and dockings. Albwardy Damen Diving has during the same time been busy and I am pleased to see the diving team giving our customers a first class service.

Safety, in January we could celebrate 5 years LTI free in Fujairah and for whole Albwardy Damen group, we can now celebrate 11 month LTI free. Please make sure to stay focused on both your own, but also your colleague's safety.

In July our new building department delivered two modular dredgers type CSD 500, built in only 4 month for clients in Bangladesh. During August we have delivered the first two Rotor Tugs 8032 to Damen. We have also celebrated the keel laying for Saqr Ports new Damen ASD 2913. That said also the new building market is tough at the moment and we are working hard to attract new orders.

In April we were awarded the "Best Shipyard Award 2017" at the Mastech conference in Dubai and in May we got the "Best New Building Yard" award at the Shiptek 2017 Conference. We are very proud to receive these two awards and shows that the effort of the full Albwardy Damen team is paying off and getting noticed within our business.

Based on the success of the Albwardy Damen Open Day last year we will again this year invite you to a day of learning and fun. Special topics will be presented and a number of Damen vessels will be open for inspection and some for a sailing. We are looking for to see you in Hamriyah on the 28th of September. Program for the day will be circulated, please let us know if it doesn't find way to your in-box.

I hope you will enjoy reading this newsletter. Should you have any comments or questions please don't hesitate to contact us.

Lars Seistrup
Managing Director



ADVANCED ROTOR TUG 80-32

The Advanced Rotor Tug 80-32, also known as the ART 80-32 being 32 metres long and having a bollard pull of 80 tons. The ART 80-32 is a uniquely designed vessel with triple Z-drives and main engines giving it sufficient power to ensure for 100% bollard pull forward and astern and 65% sideways.

Albwardy Damen has successfully delivered two Advanced Rotor Tugs 8032 to Damen Shipyards Hardinxveld in August 2017. This design features three thrusters in a triangular shape and possess extremely high maneuverability which was also evident during sea trial. Together with its propulsion and a forward and aft winch the vessel also has a great redundancy level whenever either one fails.

Both vessels successfully completed the endurance and maneuverability test as well as achieved the required bollard pull of 80 tons.



Albwardy Damen is the first shipyard who built Advanced Rotor Tugs 8032 in the Middle East region with delivery of these 2 vessels. Both vessels were built in 12 months, with steel cutting for the first of two vessels started in July 2016.

Both vessels are in stock and can be inspected at Albwardy Damen - Sharjah



FUNNEL REPAIRS TO MAERSK SARAT

Albwardy Damen has recently completed afloat repairs to the main engine funnel of the 300-metre container vessel of a leading operator. The vessel was damaged during cargo operations, when its funnel collided with a shore gantry crane.

The work scope of the repair involved prefabricating a new exhaust funnel, 5 x 2 metres, out of 8 mm corten steel, and of removing the damaged funnel.

The new funnel was loaded on board the vessel during a call at Port Jebel Ali Container Terminal, along with all the equipment required to carry out the replacement. When the vessel arrived at the Port of Salalah, Albwardy Damen's team cropped the old funnel and removed it with the aid of a shore crane before installing the new one.

Anthony Michael, Sales manager Albwardy Damen, said, "We carried out the work during a cargo operation. This meant that there were no delays in the vessel's schedule, much to the satisfaction of her owners. We are very pleased to demonstrate the efficiency of our harbour and voyage repairs with these kinds of repairs."



DAMAGED FUNNEL



ALBWARDY DAMEN SHARJAH YARD COMPLETES BAM INTERNATIONAL JACK-UP OVERHAUL

During May, Dutch marine contractor BAM International brought its jack-up barge IB909 to Albwardy Damen's Sharjah yard for a major overhaul. The Sharjah yard is well experienced in working on jack-ups, lift-boats, drilling rigs and other marine equipment with legs.

"The scope of work on this project was very broad," states Marcel van de Kreke, Operations Director Sharjah. "The work was carried out successfully; As the power plant was not operational the IB909 was jacked up with the aid of an external power source within 2 weeks of work commencing. Within this period, all the jacking and associated motors were renewed, all the hydroelectric lines were traced and appropriate action plans were proposed for temporary jack-up."

"We were required to replace all four of the auxiliary engines with new ones supplied by the owner – including modifications to the foundations and pipelines and assisting Caterpillar with

the final commissioning. Further to that, the work involved reinstating the OWS and STP systems, overhauling the hydraulic spares of the cranes, renewal of steel on the bottom plates and assisting Bakker Sliedrecht in replacing all electrical cabling."

All the work was carried out on schedule and IB909 was delivered back to her owners on time.



DUBAI FERRIES BENEFITTING FROM ALBWARDY DAMEN ONE-STOP-SHOP

In line with our One-stop-shop philosophy, Albwardy Damen has this year carried out a number of drydockings and voyage repairs on the Damen 3207 Ferries owned by the RTA and operated by P&O Maritime.

These 32 metre Damen designed and built aluminum fast ferries were delivered in 2010 and are capable of carrying 98 passengers at speeds of up to 23 knots.

Explaining the scope of work, Mark Pearson, Operation Director for Dubai and Fujairah of Albwardy Damen said, "So

far this year we have carried out works on Dubai Ferries 1, 2, 4 and 8. The work has been varied and included such things as hull treatment, shafting and overhaul of sea valves and alternators." We are cooperating with our colleagues from Damen Services to ensure RTA gets the best possible service during these refits.

The nine vessel strong fleet of ferries has become something of an iconic sight on the waterways of Dubai and can be daily seen carrying out their duties in the Emirate.





PAKISTAN AND INDIA NATIONAL DAY CELEBRATIONS

Pakistan and India nationals in AlbwardyDamen observed their National Days recently. First were the Pakistanis and next day, the Indians. The two days came as great family days in AlbwardyDamen. In the words of Mr. Sadanandan C., The Damen Yard Maintenance Engineer, "it is a day of joy, glory, and pride for them. They do this in remembrance of the freedom fighters who gave their lives for the countries to remain what they are today".

Both nationals' workers united to celebrate the Independence Day in a small and remarkable manner without affecting daily work schedules.

Pakistan led the way in the celebrations by serving a huge cake at their national day. The following day the Indian Team followed with serving their cake. The Long-Timers indeed led their countries groups as seen in the photograph.

The Cakes were well-decorated with their national Flag colours and the rest of employees from other nationalities were joyfully invited.



FROM LEFT WERE: (PAKISTAN) BLASTING /PAINTING COORDINATOR ARSHAN KHAN - 24YEARS SERVICE; NEWBUILDING MECHANICAL SUPERVISOR ANWAR ALI 27YEARS SERVICE; AND INDIA GUYS CUTTING THE CAKE WERE YARD MAINTENANCE ENGINEER SADA 37YEARS SERVICE WITH MECHANICAL PROJECTS COORDINATOR DON BOSCO RODRIGUES -37 YEARS' SERVICE WITH ALBWARDYDAMEN.



MY SUMMER INTERNSHIP

I am an MEng Naval Architecture and Marine Engineering student from University of Southampton in UK.

I arrived at Damen on July 2, and my 10-week internship at AlbwardyDamen has been unforgettable. I got the chance to work with members from almost all the departments in production and engineering, which completely changed my perspective about ship building. My experience was completely different to what I had expected before the start of my training. I had never worn coveralls or worked outside in 45DegC heat. By the end of my training, I grew so fond of my uniform and didn't mind dripping sweat. This is all because of how the staff had made me feel like I was one of them.

I am very grateful for this opportunity and I surely hope to come to visit again.

Kind regards,
Nirmalya Sohan Roy



RIGGING TRAINING

AlbwardyDamen has recently been the beneficiary of several service providers who are determined to "attract their service customers better and in another way".

CROSBY of Belgium – their Training Department journeyed to Dubai and with their local partners DUTEST, held a full day's intensive training seminar which they hosted at the luxurious Jumeirah Beach Hotel - Safinah Ballroom - Dubai.

Titled "Rigging", AlbwardyDamen was privileged to be offered 16 seats comprising production team leaders across Fujairah, Hamriyah and Dubai in Newbuilding, Shipyard and Repairs. Mechanical TeamLead Harshad B. summarized it as: "After training I realized my Rigging and lifting procedure was wrong. And I am sure it is useful in our company what I learnt from training i.e., how to use Rigging and lifting tools in proper ways" Additionally, Arnold Torres, Facility Electrician evaluated the Seminar as follows: "I learnt more safety for lifting. How to inspect lifting equipment before we use. How to check where is center of gravity of the lifting materials. I have already shared my lessons gained to the Yard Facility Group Whatsup and will teach others too". These are samples of the feedback from the very satisfied attendees.

RETIREMENT 2017

The Company has recently bid farewell to a number of long-service personnel who are going on retirement. In a parting ceremony, the HR-Admin Manager Marc Alvares read the citation of each Retiree and thanked them for a long meritorious service to the Company.

Managing Director Lars Seistrup, reading from their Personnel Files, paid glowing tribute to their unblemished service records, describing their dedication to work and said the Company was going to miss them. He thanked them for their support to the Company from its early days till present and wished them well in their home countries.

The Management presented each retiree a personal gift as well as a gift for their spouses. In addition all received a long-service award as well.

AZIZ UR REHMAN QURESHI

Driver
Nationality: Pakistan
Service Period: 33 Years



BHANDRAN K. P. AYYAPPAN

Welder
Nationality: Indian
Service Period: 27 Years



GUNASEKHARAN SWAMINATHAN

Machinist
Nationality: Indian
Service Period: 25 Years



IMTIAZ ULLAH BAIG

Service Technician
Nationality: Indian
Service Period: 38 Years



THULASEEDHARAN PRABHAKARAN

Supervisor Mechanical
Nationality: Indian
Service Period: 28 Years



ZAHID IQBAL

Fabrication Supervisor
Nationality: Pakistan
Service Period: 38 Years





MR ZUBIN WADIA AND MR AHMAD BAKARWAH FROM TOPAZ TOGETHER WITH NIYAS AHAMED FROM ALBWARDY DAMEN

SAFETY AND QUALITY AT THE RIGHT PRICE

Topaz Energy and Marine is a global ship owner operating supply vessels, anchor handlers, subsea vessels and other specialized offshore vessels. Based in Dubai, Topaz has about 30 years of experience owning and operating offshore ships, and today have 97 vessels in their fleet, including 29 Anchor Handling Vessels, 17 Platform Supply Vessels, 10 Multi-Purpose/Subsea Vessels and 4 Emergency Response and Recovery Vessels. Currently, Topaz are also building 20 Module-Carrying Vessels for the Tengizchevroil Future Growth Project in Kazakhstan.

Since 2016 Topaz vessels have become regular visitors at Albwardy Damen – Sharjah. The first vessel to be docked in Albwardy Damen was Topaz Jaddaf and since then Topaz has selected Albwardy Damen for their dockings, general maintenance as well as modifications and upgrades.

Mr Zubin Wadia, Fleet Technical Superintendent, Topaz Energy and Marine explains:
Our relation with Albwardy Damen is relatively new but has grown very strongly over the last 2 years. We carry out more

and more projects in Albwardy Damen due to the service levels, the fact that most things are done in-house and the very good relationship we have with the project teams. Our vessels often need modifications for new contracts and as all the engineering is done in-house by Albwardy Damen, these modifications become much easier to manage and to execute.

The fact that the yard is operating 24/7 and can carry out dockings any day of the week is a huge bonus to our operation. This, combined with the client friendly approach of the port and easy entry/exit procedures makes Albwardy Damen a logical choice for us for the maintenance of our vessels.

We are very happy to recommend Albwardy Damen, on account of the state-of-the-art facilities and the high quality of service they provide. In our experience, when you work with Albwardy Damen the relationship is far greater than the simple exchange between service provider and customer – it's a partnership. Our continuing relationship is a testimony to this.



DUAL AWARD WIN FOR ALBWARDY DAMEN

Albwardy Damen is constantly aiming to do its best for its clients and to measure its performance in this area. It was very pleasing for the company then, to scoop two prestigious awards during the first half of the year, indicating that it is on the right path towards achieving this goal.

On April 19th, during the MASTECH Conference in Dubai, Albwardy Damen was awarded Best UAE Shipyard Award 2017. Following on from this, May 16th saw the company receive the Best New Building Yard at the presentation ceremony for the International Maritime Awards during the 2 day Shiptek 2017 Conference, also in Dubai.

Speaking of the awards, Albwardy Damen Managing Director, Lars Seistrup – who collected the awards on both occasions – said, "To receive two awards within such a short space of time is the ultimate in customer satisfaction feedback as well as recognition for the hard work that all our staff are putting in every day. Delivering safety and quality at the right price for our customers is very important to us in these very challenging market conditions. We are very pleased to receive these awards as they show that our suppliers and clients value the quality of the vessels that we build and the services that we provide. I would like to congratulate everyone in our company

for their hard work and enthusiasm. Both awards are the result of true teamwork within our new construction and ship repair departments. Our staff are largely trained in-house, including many of our managers. This has been the basis for our success, especially after the opening of the Albwardy Damen Sharjah yard in 2014."





THE FIRE SAFETY TEAM AT ALBWARDY DAMEN - SHARJAH

THE BATTLE AGAINST COMPLACENCY IN THE BID FOR ZERO LOST HOURS PERFORMANCE

Complacency can lead to accidents in even the best-prepared industry. This is a fact that is easily demonstrated by the fact that so many accidents have complacency at their root and by the fact that so many low/medium profile risk projects experience moderate/severe incidents.

Ajith Kumar, HSEQ manager at Albwardy Damen, said, "Complacency can be defined as a feeling of contentment or over-confidence. It's often the result of performing a task so often without incidence that one becomes certain that it can be repeated without change of effect. In such case, what people are failing to realise is, even the slightest change in procedure can lead to devastating results."

Another common misconception occurs when people assume a low or zero accident rate demonstrates safe operations – taking comfort in such a situation leads to the very complacency which threatens to damage the safe working environment.

"To achieve our safety goal of zero lost time, each of us must consistently play our part in ensuring our own safety and that of those affected by our actions. As we look forwards, we must plan our actions, follow all the rules and regulations and never take short cuts when performing both routine and non-routine

tasks. In short, we must always avoid complacency. It's worth keeping in mind the maxim, 'accidents aren't planned – they happen. Safety doesn't happen – it's planned'", continues Ajith Kumar.

Albwardy Damen's philosophy is to always consider the worst-case scenario, seeing in this the potential to plan and, thereby mitigate risk. Through these actions, we aim to safeguard our people and those around us and to promote our zero lost hours culture.



SMOOTH DIVING OPERATION SEES NEW HOSE STRING INSTALLED FOR VOPAK

On May 2nd, following a tender process, Albwardy Damen was awarded the contract to change a submarine hose string connecting a single point mooring to a gas pipeline and manifold for Vopak Horizon Fujairah Limited.

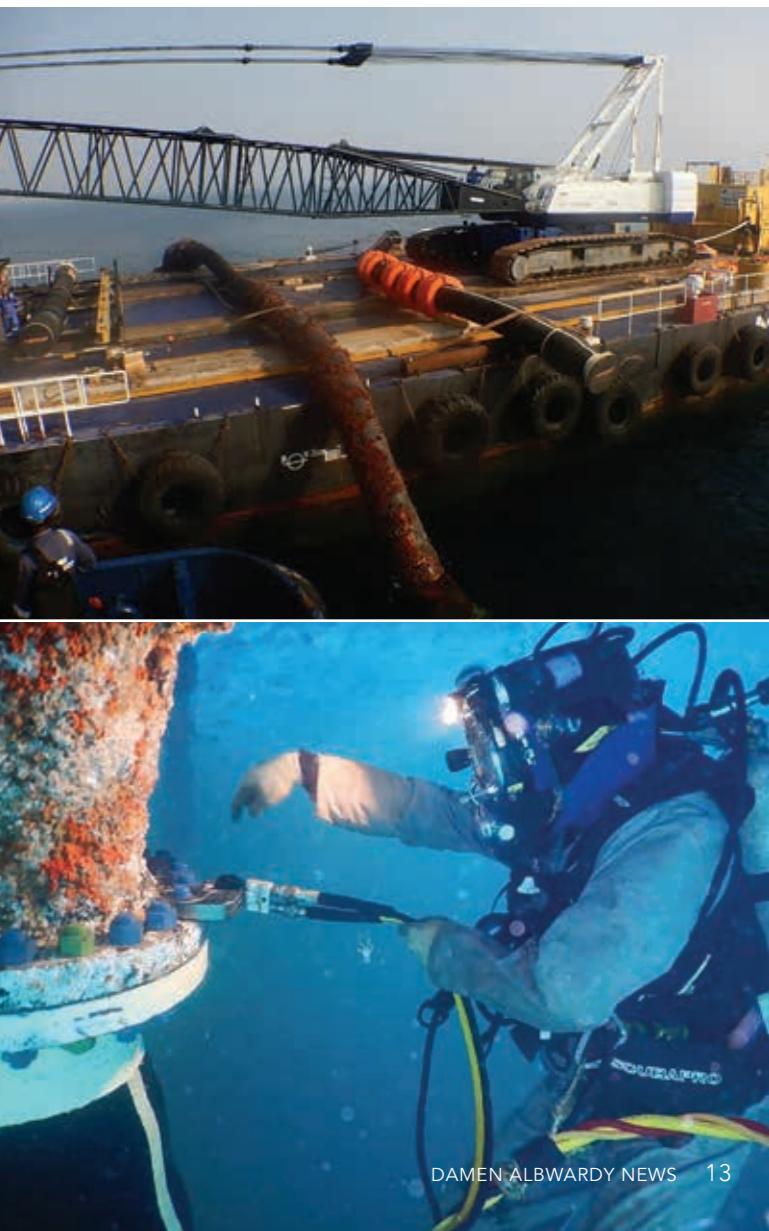
Guimo Gonzales, Head of Diving Albwardy Damen Fujairah, explains that scope of the challenge: "Our divers had to remove and replace a hose string consisting of three submarine hoses, totaling 21 metres. To compound things, one of these was located on the seabed at a depth of 28 metres."

To commence the operation, on May 14th, the divers, equipped with cameras and a two-way communication system, carried out an inspection of the old system. Once the inspection was complete, the divers turned off the subsea valve to cut off the gas supply in preparation for removal of the string.

"Before they could remove the old hose, the divers first had to clean its bolts of barnacles. When they were ready to loosen the bolts, the hose string was kept in place with chain blocks," explains Guimo.

Free from its location, the chain was then attached to a crane and lifted aboard a waiting barge. On board the barge, the new hose string was waiting. The old hose safely secured, the divers connected the new string to the bottom flange, using a guide wire to adjust the position of both ends. They then tightened all the bolts to the recommended torque and repeated the process with the top flange.

"Once both ends of the new submarine hose were connected, the divers conducted a final inspection before reopening the valve. With the combined efforts of Vopak, our Operation Department team on board the barge and our divers, we were able to complete the job safely and smoothly," concludes Guimo.





TOP TIMING FOR TURBOCHARGER TRAINING

To strengthen capabilities in turbocharger services, Albwardy Damen recently decided to send two engineers for formal training in MET Turbochargers. In May, colleagues Niyas Mohammed and Amith Kumar were dispatched to MHI Marine Machinery & Equipment Co Ltd, in Nagasaki, Japan.

The operation and maintenance training included technical classes and overhauling sessions of various models of MET Turbochargers. Included were the MET 83 SEE II, MET 53 SD, MET 26 SR and MET 18 SER. As a result of the training, the Albwardy Damen colleagues became the first engineers trained to carry out work on the MET 53 MB – the latest in MET's MB series.

"From the training we gained the technical skills to repair this precision machinery. We covered the whole range of associated subjects, including troubleshooting, re-blading and rotor balancing – including the dynamic balancing of the rotor assembly," said Mr Mohammed.



The engineers were immediately able to put their new-found knowledge to good use on their return to the UAE. The following day, they were required to take on a challenging role, assisting a senior service engineer from MET at Dubai Drydocks. The vessel in question was a VLCC, the MT Toyo, featuring two MET 83 SEE T/C units on an eight cylinder unit MAN B&W engine.

"The timing was excellent," stated Mr Kumar. "It gave us the opportunity to directly practice the lessons we had learned so recently. Thanks to this training, I have every confidence in our ability to handle work on MET Turbocharger with the utmost professionalism and care."



SAQR PORT SIGNS CONTRACT WITH DAMEN FOR SHARJAH BUILT ASD 2913 TUG

Saqr Port, a major bulk handling port here in the Middle East, and part of Rash Al Khaimah (RAK) Ports, exports 55 million tonnes of quarried stone throughout the Arabian Gulf each year. At the current time, the port is investing in the addition of new deepwater berths in order to facilitate visits from Capesize vessels.

The port is a long-standing client of Damen, currently operating a Damen ASD 2411, an ASD 2310 and five Stan Tugs. As part of its plans for expansion, on DATE, 2017, Captain Cliff Brand, Group General Manager of Saqr Port and Kommer Damen, Chairman of the Damen Shipyards Group, signed a contract for an ASD 2913 Tug.

Speaking of the contract, Captain Michael Magee, Harbour Master at RAK Ports, said, "The port is delighted to have agreed a deal with Damen to build the 2913 locally. Damen's proven quality products and their flexibility with respect to build location, secured them the contract. The 2913, with 80 tonnes bollard pull, will complement the seven tugs currently at Saqr Port and give additional power to receive Capesize vessels."

As Captain Magee indicates, the 2913 will be built in the region at Albwardy Damen's yard in Sharjah. Damen is pleased to be playing its part in supporting local industry and employment by building this vessel close to its client, says Damen Sales Manager Pascal Slingerland.

"We are delighted to be building for the UAE in the UAE. Albwardy Damen continues to go from strength to strength, providing a comprehensive newbuild and repair service to the both the UAE and the wider Arabian Gulf and it is our pleasure to be working with our near neighbours at Saqr Port."

The new vessel will join Saqr Port's fleet in mid-2018.





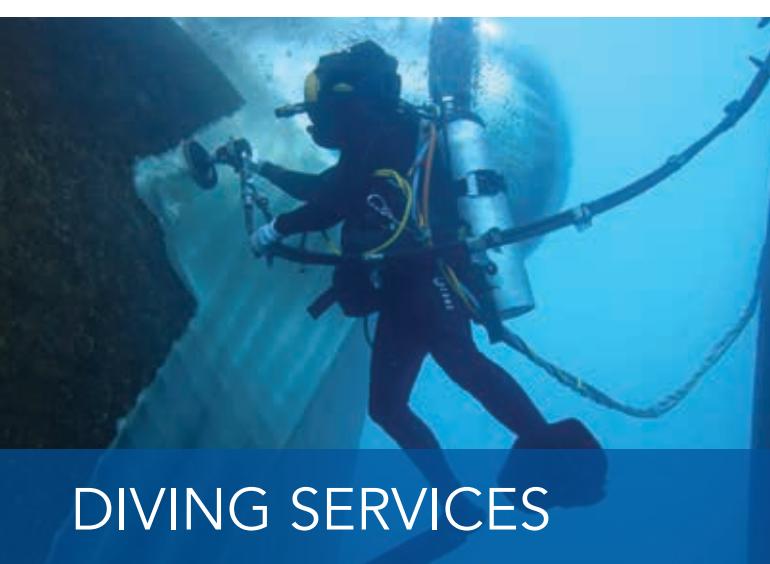
SHIP REPAIR

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

4 LOCATIONS, 27 NATIONALITIES, 39 YEARS OF EXPERIENCE
ONE FAMILY

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