MSC MAGNIFICA

YARD
Damen Shiprepair Rotterdam

SIZE OF VESSEL
293 x 32 x 59 m

DATE / PERIOD
October – November 2014

CLIENT
MSC Cruises

TYPE OF VESSEL
Cruise Ship

TYPE OF TASKS PERFORMED
Repair / Maintenance

REPAIR AND MAINTENANCE OF THE ‘MSC MAGNIFICA’

Built in 2010, the ‘MSC Magnifica’ is 293 m long and has a capacity of more than 2,500 passengers. She arrived at Damen Shiprepair Rotterdam on October 20, 2014 and was berthed at the yard’s largest dry dock, which is 307 m in length. The timescale was tight. After a very fast and successful 17-day dry docking the cruise ship left the yard on schedule to start her next cruise.

THE MODIFICATIONS, AMONGST OTHERS, INCLUDED:

- Repair
- Maintenance
- Extensive steelwork
- Cleaning
- Painting
- Replacement piping
- Renewal of the entire rudder system
SAGA SAPPHIRE

YARD
Damen Shipprepair Rotterdam

SIZE OF VESSEL
199 x 28 m

DATE / PERIOD
December 2014– January 2015

CLIENT
Saga

TYPE OF VESSEL
Cruise Ship

TYPE OF TASKS PERFORMED
Refurbishment / Class survey work

SUCCESSFUL REPAIR AND REFURBISHMENT WORKS FOR ‘SAGA SAPPHIRE’

Mid December 2014, the Saga Cruises-owned Saga Sapphire left Damen Shipprepair Rotterdam after receiving extensive repair and refurbishment works as well as a scheduled Class Survey. As is customary with cruise ship repair projects, the Saga Sapphire contract involved a tight time frame that required precision planning from Damen’s project management team. Considering the time frame and the age of the vessel, this was a challenging refurbishment project.

THE MODIFICATIONS, AMONGST OTHERS, INCLUDED:

- Repair
- Refurbishment
- Scheduled DNV GL Class Survey
- Inspection propeller axle
- Replacing two sewage plants
- Fresh water tanks blasted and repainted
- Repairs to the deck steel work
- Comprehensive overhaul of the lifeboats/ davits
- General repairs to piping, electrical and hydraulic systems
- Extensive steelwork
- Cleaning
- Painting
- Replacement piping
- Renewal of the entire rudder system

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MARCO POLO & ASTOR

YARD
Damen Shiprepair Vlissingen

SIZE OF VESSEL
Marco Polo: 176 x 23 m
Astor: 176 x 23 m

DATE / PERIOD
December 2014

CLIENT
Cruise & Maritime Voyages

TYPE OF VESSEL
Cruise Ships

TYPE OF TASKS PERFORMED
Refurbishment / Class survey work

REFURBISHMENT AND CLASS SURVEY
WORK OF THE ‘MARCO POLO’ AND ‘ASTOR’

The cruise vessels have been at Damen Shiprepair Vlissingen for a wide-ranging programme of work, scheduled and unscheduled. Damen Shiprepair carried out its scope within a tight timeframe. Both ships were ready in time for planned onward voyages.

THE MODIFICATIONS FOR ‘ASTOR’, AMONGST OTHERS, INCLUDED:
- DNV GL Class Survey
- High-pressure washing
- Painting
- Overhaul of overboard valves
- Hull anode renewal
- Maintenance and recertification of lifeboats
- Gangway repairs
- Certification and renewal of ducting and ventilators from engine room air-supply

THE MODIFICATIONS FOR ‘MARCO POLO’, AMONGST OTHERS, INCLUDED:
- DNV GL Class Survey
- High-pressure washing
- Painting
- Overhaul of overboard valves
- Hull anode renewal
- Maintenance and recertification of lifeboats
- Gangway repairs
- Steel damage to the flat bottom
SECOND YOUTH FOR CLIPPER ‘STAD AMSTERDAM’

The three-masted, steel-hulled Clipper ‘Stad Amsterdam’ underwent a complete overhaul at Damen Shiprepair Vlissingen in 2013. The revision of the thirteen year old vessel gave her a ‘second youth’.

THE MODIFICATIONS, AMONGST OTHERS, INCLUDED:
- Complete removal of interior, boarding and accommodation
- Complete overhaul of all technical equipment
- Renewal standing rigger
- Blasting and conserving of the hull
- Renewal of pipes and wiring
- Removal, maintenance and replacement of top masts and spars
- Renewal all standing rigging wires
- Redesign navigation bridge and chartroom, below deck, crew mess and office
EXTENSIVE STEEL REPAIRS AND MAINTENANCE FOR ‘MSC LIRICA’

The MSC Lirica underwent extensive steel repairs, maintenance works, deck plating works and works on window washing equipment. Besides these main jobs a various number of standard jobs such as, sea chests, anchor and chains, tank cleaning, anodes renewal and propeller works were carried out.

THE MODIFICATIONS, AMONGST OTHERS, INCLUDED:
- Renewal of gutter for window washing machine (33 steel u-bar sections were needed to be removed and later on refitted with new stainless steel bars)
- Window washing trolleys made workable in yard’s workshop
- Complete deck plating renewed
- Damaged hull construction steel repairs of approximately 26500 kg steel
- Transporting of 14 lifeboats on temporary supports alongside dock no.4 and rendered assistance to owner’s arranged lifeboat specialist

MSC LIRICA

YARD
Damen Shiprepair Amsterdam

SIZE OF VESSEL
253 x 28 m

DATE / PERIOD
2008

CLIENT
MSC Cruises

TYPE OF VESSEL
Cruise ship

TYPE OF TASKS PERFORMED
Maintenance / Extensive steel repairs

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