

CARNIVAL UK

P&O CRUISES



Carnival Service Contracts 2015 - 2020

A case study of how BOLLFILTER UK made themselves partners of the biggest cruise ship operator in the world

BOLLFILTER UK Carnival Service Contract

What does this mean for Carnival UK?

- Reduced risk of engine failure
- Long term reliability & peace of mind, less stress
- Additional specialised manpower & ongoing staff training while onboard
- Optimum Filtration Performance – less waste fuel oil when back flushing
- Very little procurement time required
- Lower long term maintenance costs, when serviced annually

10 Vessels



Adonia | Azura | Queen Elizabeth | Ventura | Arcadia
 Oceana | Queen Mary 2 | Aurora | Oriana | Queen Victoria

| Applications | Filter Types | Quantities |
|----------------------------------|--------------------|------------|
| M.E.F.O Auto Backflushing Filter | 6.60 & 6.61 | Varies |
| G.E.F.O Auto Backflushing Filter | 6.61 & .07 | Varies |
| M.E.L.O Auto Backflushing Filter | 6.61 & 6.64 & 6.46 | Varies |
| Control Oil Backflushing Filter | 6.62 | Varies |



Boll 6.64.07 DN200
 Automatic Lube Oil Filter



Queen Elizabeth
 Engine Room training

BOLLFILTER UK continue the Service Contract

BOLLFILTER UK's Service Department met with Matt Selby **Technical Controller** and Craig Sturgess **Assistant Superintendent**, at Carnival House UK Southampton for the annual meeting to discuss the following year's service of all 10 vessels in the fleet. In addition to the 10 vessels at present there was an additional vessel being to the fleet from 2015, the P&O Cruise ship Britannica. This resulted in a steady flow of regular service work for the BOLLFILTER UK service team.

Colin Black **Asset Management** recognises the importance of developing long-term relationships with suppliers, to obtain spares quickly and efficiently adding, "It is vital that we maintain all the engine room equipment to the highest standards in order to prevent any risk of engine damage or failure. To that effect, we make sure that we only fit genuine BOLL & KIRCH spare parts and work closely with BOLLFILTER UK to plan our servicing and training programme".

In addition to the annual service visit, when the ships are based in Southampton, the BOLLFILTER UK Service Department is providing complimentary training to onboard staff in servicing and maintaining the filter systems.

BOLLFILTER UK has worked with Carnival for over 23 years, supplying spares and service support for the many BOLL & KIRCH filters on board their ships. The vessels are fitted with a range of automatic filters as well as numerous simplex and duplex manual filter systems to provide filtration protection for the main engine lube oil & fuel oil generators.



Bollfilter service training for automatic filters with the Queen Elizabeth crew in the luxury cruise liner's main engine room

BOLLFILTER UK Service Engineers



Liam Fitzpatrick

Alex Wood



Chris Ludlow



Tailor-made Service Contract to suit you!

All vessels will be fully serviced once every year

During the contract period, all BOLL & KIRCH filtration systems will be serviced to the very highest degree by our highly trained and experienced service engineers. Total peace of mind at an agreed lump sum cost, with ongoing support & assistance from the filtration specialist.

The vessel's staff operating the machinery must be available during the visits to obtain an introduction on new technical developments and to be additionally trained. Each precise date for a supervised visit will be fixed approximately 4 weeks prior to scheduled attendance, or to be arranged to suit both parties.

Works to be planned & completed during each supervised visit:

- Customer & contractor + their deputies to form "Servicing Contact Group"
- Lead point of contact: Joe Dow for all technical support
- Maintenance manuals to be supplied if required or necessary
- All gaskets & seals renewed
- Inspection & overhaul of back flush assembly & air assembly valves
- Inspection & cleaning of internal surfaces & filter elements
- Changeover cock removed, inspected and rebuilt
- Inspection of control panel wiring & test all alarms to ECR
- Testing of gear motors, actuators & differential pressure indicators
- Staff training
- Detailed service report & recommended replacement of wearing parts



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Boll 6.64.07 Automatic Lube Oil Filter

