

CRUISE SHIP CLASSIFICATION

LLOYD'S REGISTER IS YOUR FIRST CHOICE

Providing classification and value-added services to the luxury cruise market requires increasing levels of technical excellence and customer service to help improve passenger safety standards.

At the forefront of cruise ship innovation, we have been instrumental in the development of the increasingly large cruise vessels over the last forty years. Our experience benefits the world's cruise ship operators – a market-leading 49% of the cruise fleet is classed by Lloyd's Register ranging in size from 500 to over 150,000 gt.

We provide unrivalled passenger safety surveys through our worldwide surveyor network, and foster excellent relationships with our clients.

Queen Mary 2, built to Lloyd's Register class at Chantiers de l'Atlantique, France, during sea trials.



Arcadia, a Lloyd's Register classed member of the P&O Cruises fleet.

Benefit from our experience

Our classification services – from conceptual design appraisal, through design approval, construction and in-service survey – continue to benefit the rapidly expanding cruise market.

We provide classification services to the entire cruise ship industry, currently classing more than 100 cruise ships – a total of over 6 million gt.

There are currently twelve cruise ships on order to Lloyd's Register class, under construction at Fincantieri in Italy, Meyer Werft in Germany



and the Halifax shipyard in Canada. They include:

- *Queen Victoria* which, at 89,500 gt, will be the first ship built for Cunard by Fincantieri. This ship is due for delivery in November 2007.
- Two ships each for Carnival Cruise Lines and P&O Cruises and one for Princess Cruises. Each of these vessels will carry more than 2,500 passengers and contain unique features appealing to a broad clientele.
- An 83,000 gt ship for Holland America Line, due for delivery in 2008.
- Two 124,000 gt ships for Disney Cruise Lines, being built at Meyer Werft and due for delivery in 2011 and 2012.

In service

Our passenger ship specialists are strategically located to serve clients' day-to-day needs. Technical advice is available from our passenger ship centres of excellence in London and Florida.

Design

Build

Operate

Lloyd's
Register



Fram, built at Fincantieri for Norway's Hurtigruten Group. This small but highly sophisticated vessel is designed for polar exploration, in addition to its regular Norwegian coastal trade.

VALUE-ADDED SERVICES

Passenger and crew accommodation comfort

We are setting new standards in developing products to improve the performance of cruise ship operators.

A good example of this is passenger and crew accommodation comfort criteria. This utilises noise and vibration criteria to assess comfort for both passengers and mariners, and provides an objective assessment of expected standards of comfort.

Benefits include:

- potential reduction in passenger complaints
- improved crew living conditions
- better design and workmanship during construction.

Fuel oil and bunker analysis and advisory service (FOBAS)

We are a recognised leader in the evaluation of all grades of fuel oil used in the marine industry. We are only a telephone call away when you require urgent analysis of a fuel sample or technical advice. This service can help lower the risk of engine damage or failure and assist in meeting standards.

Ship emergency response service (SERS)

SERS is a world-class system for the protection of a vessel and

the crew in the event of an incident which threatens the safety of the ship. This 24-hour service provides accurate advice on the most appropriate response to any given crisis or emergency. SERS can make the difference between a minor incident and a major disaster and is a risk management tool used by many passenger ship owners.

Environmental protection

This most comprehensive environmental analysis package includes oxide exhaust emission requirements and limitation of air and marine pollutants through an analysis of system provisions. It also details requirements for the limitation of oil and sewage pollution as well as antifouling and ballast considerations. Our Green Passport services for newbuilds and existing ships also help owners comply with the IMO *Guidelines on Ship Recycling*.

Maximum value – lower risk

Our innovative and value-added solutions, within the scope of classification and beyond, help lower the risks to safety, the environment and to operational performance throughout the design, construction and operational life cycles of passenger ships.

With unrivalled experience, utilisation of current and emerging technology, and a global operation and technical capability, we are the industry's first choice for helping to lower risk.



Fuel testing kit.

FOR FURTHER INFORMATION

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LIFE MATTERS