

Cruise ships, the Large and the Small ones

Star Pride

- LENGTH: 440 feet (134 m)
- DRAFT: 16.5 feet (5 m)
- BEAM: 63 feet (19 m)
- TONNAGE: 9,975 gross
- registered tons (grt)
- PROPULSION: Twin CP propellers,
- driven by four Bergen marine
- diesel engines
- SPEED: Cruising speed 16 kn



Cruise ships, the Large and the Small ones

- **Star Pride**
- Owners: Xanterra Resort & Park, Inc
- Built:Schichau, Seebeck Werft
- Bremer Haven. 1988
- Ex. Seabourn Pride 2014 Star Pride.



Cruise ships, the Large and the Small ones

- **Star Pride**
- As Seabourn Pride in Bergen Norway August 1 2009
- Sister ship to the Star Legend and the Star Breeze.
- The ship was christened in 1988 by Shirley Temple.



Cruise ships, the Large and the Small ones

- **Star Breeze**
- Owners: Xanterra Resort & Park, Inc
- Built: Schichau, Seebeck Werft
- Bremer Haven. 1989
- Ex. Seabourn Spirit
2015 Star Breeze



Cruise ships, the Large and the Small ones

- **Star Legend**

- 2015 : *Star Legend, Wind Star*
- 1996-2015: *Seabourn Legend, Seabourn*
- 1995-1996: *Queen Odyssey, Royal Cruise, Kloster*
- 1992-1995: *Royal Viking Queen, Royal Viking, Kloster*
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Cruise ships, the Large and the Small ones

Disney Wonder

Disney Cruise Line

- Tonnage: 83,000
- Length: 964 ft, 294 m
- Beam 106 ft, 32 m
- Draft: 25.3 ft, 7.70 m
- Decks: 11
- Diesel electric, 43,000 kw
- 5 Sulzer engines,
- Two prop shafts
- Speed: 21.5 kn.



Cruise ships, the Large and the Small ones

- **Disney Magic**
- Built: 1998 Fincantieri Marghera.
- 2400 passengers
- 945 crew
- **Disney Wonder**
- Built 1999 Fincantieri Marghera.



Cruise ships, the Large and the Small ones

- **Disney Magic**
- Passenger cabin with window
- Operated from Celebration, FL.
- Head Office in London, UK under the name of:
- Magical Cruise Company Ltd.



Cruise ships, the Large and the Small ones

- **Disney Wonder**
- Passenger cabin with balcony.
- The company has four ships and three on order.
- The ships are the first in the industry designed as family cruise liners, with the goal of accommodating parents and children.



Cruise ships, the Large and the Small ones

Disney Fantasy

- 129.750 gross tons
- Length: 1,148 ft, 339,80 m
- Beam: 137 ft, 42 m
- Draft: 27.3 ft, 8.32 m
- 2500 passengers, maximum 4000
- 1458 crew
- Built Meyer Werft, 2012
Papenburg, costs 900 mil.
- Sister ship **Disney Dream**
2011



Cruise ships, the Large and the Small ones

- **Disney Dream**
- Machinery: 5 diesel driven generator engines.
- Total power 76,800 kw
- Diesel electric propulsion, two shafts driving FP propellers at 13 rpm.
- Speed 22 kn.

Floating out of the Disney Dream in the Shipyard in Germany.



Cruise ships, the Large and the Small ones

Aidaprima.

- **AIDA Cruises** is an American/British owned German [cruise line](#) based in [Rostock](#), Germany. The company was founded as **Deutsche Seereederei** with a ship called: **Volkerfreundschaft**.
- The company was acquired by [P&O Princess Cruises](#) in 2000.
- In 2003, P&O Princess merged with [Carnival Corporation](#).



Cruise ships, the Large and the Small ones

- **Aidaprima**
- Built: Mitsubishi Heavy Industry, March 2016
- 125,572 t gross
- Length: 299.95 m, 984 ft
- Beam: 37.65 m, 125.5 ft
- Draft: 8.25 m, 27.1 ft
- 3,300 passengers
- 900 crew



Cruise ships, the Large and the Small ones

- Aidaprima
- *Deck 15, pool deck*
- *Covered for the weather and sometimes the palm trees.*
- *Cruises in Europe, Middle and Far East.*
- *Hamburg, Rotterdam, Dubai*



Cruise ships, the Large and the Small ones

- **Aidaprima**
- Four MAK main diesel generator engines for the ship's propulsion, driving two azipods each 29,000 hp, three bow thrusters each 4,759 hp
- Total propulsion power 43,200 KW, 58736 hp
- Speed 21 kn, max. 16 kn service
- One of the main engines can run on LNG



Cruise ships, the Large and the Small ones

- **Aidaprima**
- *Balcony stateroom*
- *225 ft²*
- *Lux. suites 1345 ft²*
- *Vessel is Italian registered*
- *Registered owner Costa Corociere*
- *Group owner Carnival Corp*
- *DoC company Carnival Maritime GmbH*



Cruise ships, the Large and the Small ones

- **Aidaprima**
- *Large stateroom*
- *270 ft²*
- *Ship manager Aida Cruises*
- *Operator Aida Cruises*
- *Technical Manager
Carnival Maritime GmbH*



Cruise ships, the Large and the Small ones

- **Aidamar**
- Operators Aida Cruises.
- Built: Meyer Werft, Papenburg, Germany/
- 71304 t gross
- Length: 253.22 m 831 ft
- Beam: 32.2 m, 106 ft
- Draft: 7.3 m, 23.95 ft
- 2686 pass 620 crew



Cruise ships, the Large and the Small ones

- **Week # 3**
- Crystal Cruises, Serenity
- Celebrity Cruises, Celebrity Solstice
- Xpedition
- Carnivale
- Oceania Cruises
- Viking River Cruises
- Viking Ships
- Russian excursion/icebreakers

Cruise ships, the Large and the Small ones

Crystal Serenity

- Operators: Crystal Cruises
- Owners: Genting, Hong Kong
- 68,870 t gross
- Built: 2003 Chantiers de l'Atlantique, St Nazaire



Cruise ships, the Large and the Small ones

- **Crystal Serenity**
- Cabin with balcony



Cruise ships, the Large and the Small ones

Crystal Serenity

- Length: 820 ft, 250 m
- Beam: 106 ft, 32.31 m
- Draft: 25 ft, 7.62 m
- 21 kn.
- 1070 passengers
- 655 crew



Cruise ships, the Large and the Small ones

- **Crystal Mozart**
- Crystal River Cruises.
- Operating in the European Rivers.
- Built 1987, converted 2016 MV Werften, Germany.
- Malta flag.



Cruise ships, the Large and the Small ones

- **Chrystal Bach**
- Crystal River Cruises.
- Operating in the European Rivers.
- Built 2017 MV Werften, Germany.
- Malta flag

Ship in Kieler Canal



Cruise ships, the Large and the Small ones

- **Celebrity Solstice**
- Celebrity Cruises
- Built, 2008 Meyer Werft
- Papenburg, Germany
- 121,878 t gr
- 2850 passengers
- 1250 crew



Cruise ships, the Large and the Small ones

- Celebrity Solstice
- Cabin with balcony
- Machinery
- Four diesel generator engines, total power 57,120 kw, 77,660 hp.
- Two Azipods, three bow thrusts.
- Speed 21 kn



Cruise ships, the Large and the Small ones

- **Xpedition**
- Owner Celebrity Cruises
- Built: Cassens Schiffs Werft, Emden, Germany. 2001
- Registry: Guayaquil, Ecuador.
- 2842 t gross
- Length: 88.50 m, 290.3 ft
- Beam: 14 m, 45 ft
- 92 pass, 54 crew



Cruise ships, the Large and the Small ones

- **Xpedition**
- Cruises from Guayaquil, Ecuador to the Galapagos Islands.
- Speed 17 kn.

- *Passenger cabin*



Galapagos 687 miles from Guayaquil



Cruise ships, the Large and the Small ones

Carnival Vista

Carnival Cruise lines

- Built: Fincantieri, Monfalcone. 2016
- Cost 780 million.
- 133,500 t gross
- Length: 1062 ft, 314 m
- Beam: 122 ft, 37 m at pool deck 157 ft, 48 m
- Draft: 27 ft, 8.20 m
- 3936 pass 1450 crew



Cruise ships, the Large and the Small ones

- **Carnival Splendor**
- 2008 Fincantieri, Sestri, Italy.
- Cost: \$ 697 million.
- 113,300 t gross
- Length: 290 m, 950 ft
- Beam: 35 m, 116 ft
- Draft 8.3 m, 27 ft
- Speed 21 kn
- 3006 Pass. 11
- 50 Crew.
- Diesel electric, two shafts



Cruise ships, the Large and the Small ones

Nautica

Operator: Oceania Cruises

- Built: 2000, Chantiers de l'Atlantique, St Nazaire.
- Costs 150 Mill pounds.
- Ex R five
- 30,277 t gross
- Length: 282 m, 593 ft
- Beam: 25.46 m, 83 ft
- Draft: 5.95 m, 19.6 ft



Cruise ships, the Large and the Small ones

- Nautica
- Balcony Cabin
- World wide cruises
- Refurbished 2014



Cruise ships, the Large and the Small ones

- **Nautica**
- 684 passengers
- 386 crew
- Machinery: Four generator engines, driving two electro motors, connected to two shafts and FP propellers.
- 13,500 kw propelling power.
- Speed: 18 kn.



Cruise ships, the Large and the Small ones

- Nautica
- Outside cabin, lower decks



Cruise ships, the Large and the Small ones

- **Viking River Cruises**
- Longship on the Rive Danube



Cruise ships, the Large and the Small ones

- **Viking River Cruises**
- Longship on the River Rhine.



Cruise ships, the Large and the Small ones

- In the mid-1990s, the company's founder and chairman, [Torstein Hagen](#), took a river cruise through Russia.
- The experience inspired him to create a river cruise company in 1997. Educated at Norwegian Institute of Technology and Harvard Business School, Hagen was formerly CEO of [Royal Viking Line](#), and also served on the boards of [Holland America Line](#) and Kloster Cruise Ltd.
- The company started with the purchase of four Russian vessels in 1997. The following year, it acquired additional ships and continued to cater to European passengers. In 2000, Viking purchased Europe's KD River Cruises, which was founded in 1827,^[5] though KD retained its Rhine Line passenger ferries, scheduled services and day-excursion operations.

Cruise ships, the Large and the Small ones

- **Viking River Cruises** operates a fleet of more than 60 vessels as of 2017.
- All of its ships have been custom built or fully renovated since 1999; 100% of the cabins are "outside" staterooms with windows or balconies.
- The ships also have onboard restaurants, bars, lounges, libraries and sun decks.
- As of 2014, more than two-thirds of the company's European fleet are classed as "Viking Longships."

Cruise ships, the Large and the Small ones

- **Viking Long-Ship**
- Cabins with Balcony
- Atrium
- Fwd. entertainment space



Cruise ships, the Large and the Small ones

Viking Longship Baldur

- Length: 135 m, 443 ft
- Beam: 11.50 m. 37 ft
- 190 passengers
- 48 Crew
- Registered: Basel



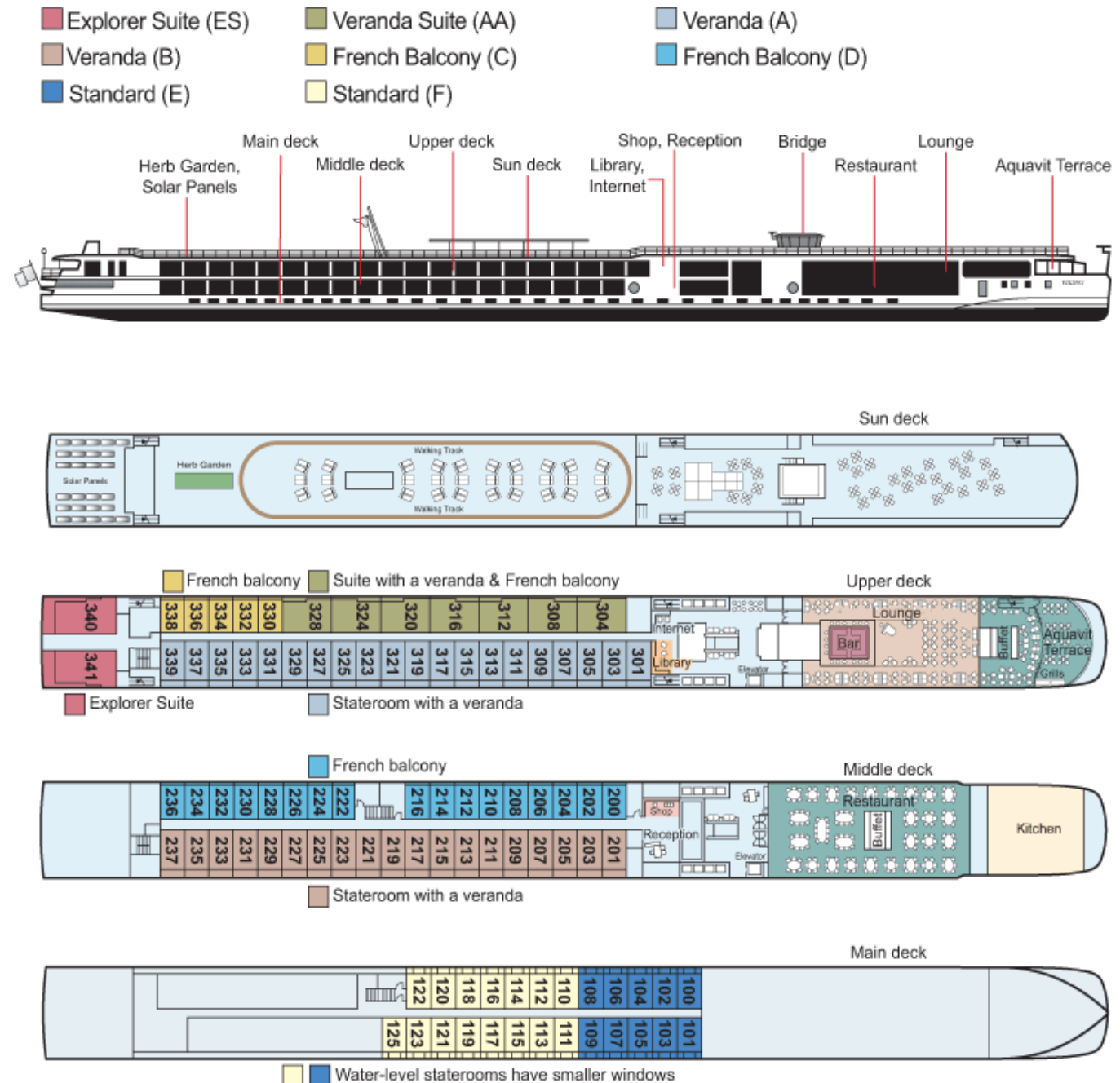
Cruise ships, the Large and the Small ones

- Viking Cruises
- Castle built in the hills on the banks of the Rhine River in Germany



Cruise ships, the Large and the Small ones

- Viking Cruises Long-ship deck plans and cabin locations.
- A **French Balcony** is typically a set of two narrow doors (**French doors!**) leading to a "quasi-**balcony**" that is usually no more than 1 foot deep, protected by a railing.



Cruise ships, the Large and the Small ones

Viking Cruises

- The company started with the purchase of four Russian vessels in 1997.
- One of them is the Viking Akun.
- Viking purchased Europe's KD River Cruises, which was founded in 1827,^[5] though KD retained its Rhine Line passenger ferries.



Cruise ships, the Large and the Small ones

Wappen von Köln

Köln-Düsseldorfer Deutsche Rheinschiffahrt AG



Cruise ships, the Large and the Small ones

- Viking Cruises
- Dining room on the Russian operated Viking Akun.



Cruise ships, the Large and the Small ones

Viking Cruises

- Russian Viking Cruise Ship Viking Akun
- Akun was according to ancient sources a son of Djiki, who was an older brother of the Viking leader Rurik

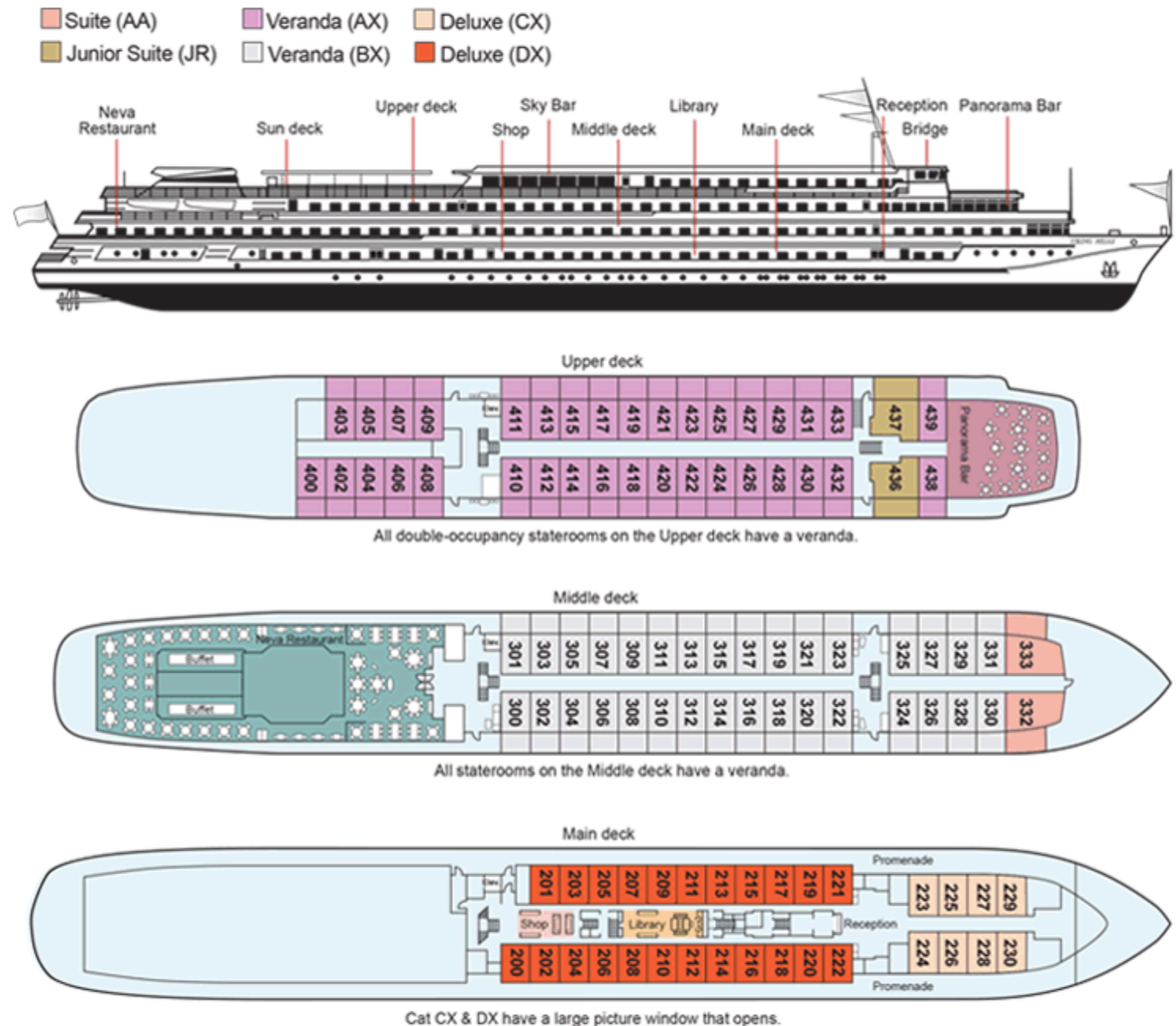


Cruise ships, the

Viking Cruises

- In the 9th century, Akun and companions traveled from Scandinavia to settle in the area we know today as Kiev in Ukraine.

Viking Akun



Cruise ships, the Large and the Small ones

Viking Cruises

- Russian river route
- Moscow to St Petersburg
- Duration 13 days
- Partially over the Volga River



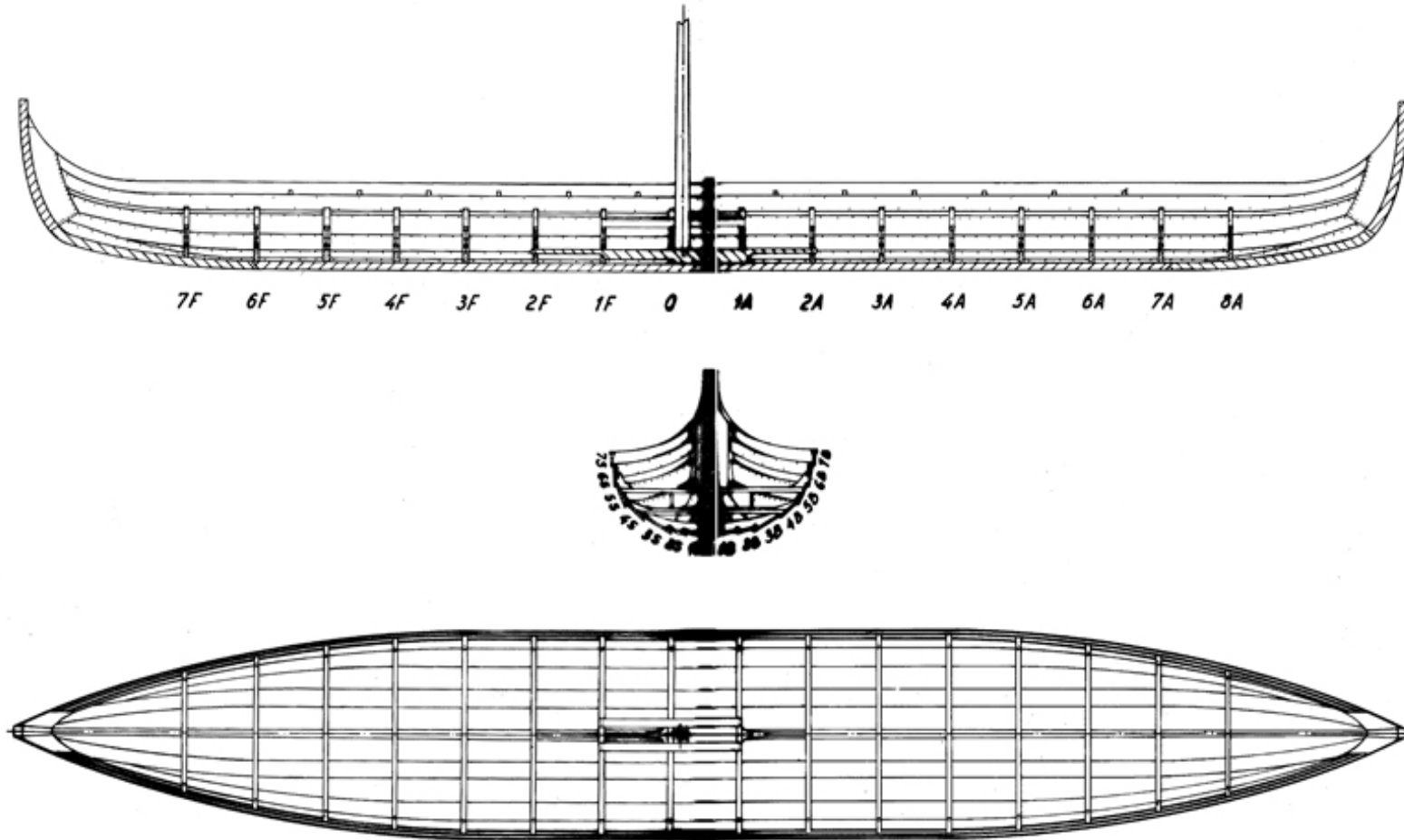
Cruise ships, the Large the Small ones

- Viking Cruises
- **Longships** were a type of ship invented and used by the [Norsemen](#) (commonly known as the [Vikings](#)) for trade, commerce, exploration, and warfare during the [Viking Age](#).
- The longship's design evolved over many centuries, beginning in the [Stone Age](#)



Cruise ships, the Large and the Small ones

- The longship appeared in its complete form between the 9th and 13th centuries.
- They were all made out of wood, with cloth sails (woven wool) and had numerous details and carvings on the [hull](#).
- The longships were characterized as a graceful, long, narrow and light wooden boat, with a shallow-[draft](#) hull designed for speed.



Cruise ships, the Large and the Small ones

- The average speed of Viking ships varied from ship to ship, but lay in the range of 5–10 [knots](#) (9.3–18.5 km/h) and the maximum speed of a longship under favourable conditions was around 15 knots (28 km/h)
- The most common way to classify longships is by the number of rowing positions on board.



Cruise ships, the Large and the Small ones

- Viking Longboat
- The sail was held in place by the mast which was up to 16 m (52 feet) tall. Its base was about 250 mm × 180 mm (9.8 by 7.1 inches)
- Sails measured perhaps 11 m (35 feet) to 12 m (40 feet) across, and were made of [rough wool cloth](#).



Cruise ships, the Large and the Small ones

- The Sutton Hoo longship, sometimes referred to as the ghost ship of the Wulflings, is about 27 m × 4.5 m (89 by 15 feet) maximum beam and built about 625 AD.
- Each plank was hewn from an oak tree so that the finished plank was about 25 mm (0.98 inches) thick and tapered along each edge.
- A ship normally used about 700 kg (1,500 pounds) of iron nails in a 18 m (59 feet) long ship.
- Analysis of timber samples from Viking long boats shows that a variety of timbers were used, but there was strong preference for oak.
- *Construction of the 35 m long Skeid longship Draken Harald Hårfagre*



Cruise ships, the Large and the Small ones

Bruges

Once a Sea Port, in the late middle ages, until the entrance to the port's waterway filled with sand.

They use at that time had a profitable trade with parts of Great Britain, Germany and Scandinavia in textiles

Now a historic visiting location for Viking Cruises



Cruise ships, the Large and the Small ones

- Viking Cruises
- Windmills in the Netherlands, driving water pumps to drain the low lands.
- Water than was led to the coast and discharged into the North Sea at low tide.



Cruise ships, the Large and the Small ones

- Viking Cruises
- Bulb flower fields in the coastal area of the Netherlands, growing in soil which contained much sand.
- Flower bulbs said to be imported from Western Russia.
- Viking organizes excursions to these bulb flower fields.



Cruise ships, the Large and the Small ones

- **Viking Cruises**
- Map, Netherlands, Belgium, Germany
- Bruges
- Windmills
- Papenburg



Cruise ships, the Large and the Small ones

- **Silver Shadow**
- Silver Sea Cruises
- Built: Mariotti, Genoa, 2000
- 28,258 t gross
- Length: 186 m 610 ft
- Beam: 24.8 m 81 ft
- Draft: 6 m 19.7 ft
- 18.5 kn
- 382 passengers
- 295 crew



Cruise ships, the Large and the Small ones

- **Kapitan Khlebnikov**
- Quark Expeditions
- The *Kapitan Khlebnikov* is a polar-class icebreaker combining power and technology with comfort.
- No passenger ship has transited the Northwest Passage more often than the renowned *Kapitan Khlebnikov*. Originally designed to take on the rigors of northern Siberia, the 24,000 horsepower engine and advanced ice-breaking technology take you places no other ship can.
- The ship offers 52 outside cabins and suites, all featuring private facilities, large windows, desk, hair dryer, robes and large closets.



Cruise ships, the Large and the Small ones

- **Day 1 — Helsinki, Finland**
- Your adventure begins with a one-night stay in Helsinki, Finland's capital.
- **Day 2 — Embarkation Day in Murmansk**
- From Helsinki, you'll join your fellow passengers on the charter flight to Murmansk, Russia, where you'll embark on your voyage to the North Pole.
- **Days 3 to 6 — Northbound in the Arctic Ocean**
- Being on board Victory and feeling the icebreaker as it crushes through the arctic pack ice is an experience you'll never forget. Just as memorable is boarding the ship's helicopter for a thrilling aerial view over the ship and the expansive Arctic Ocean.



Cruise ships, the Large and the Small ones

- **Day 7 — 90° North**
- All the anticipation of the prior days reaches a climax as you reach the North Pole!
- **Day 8 — Southbound in the Arctic Ocean**
- On our return voyage you can sit back and relax. As you head farther south you may get lucky and spot polar bears hunting for seals.
- **Days 9 and 10 — Franz Josef Land and the Arctic Ocean**
- This group of 191 islands forms the most northerly archipelago in Eurasia and lies entirely within the Arctic Circle. Here, you'll explore Cape Flora and discover historic remains from three ill-fated arctic expeditions.



Cruise ships, the Large and the Small ones

- **Days 11 and 12 — Southbound at Sea**
- Enjoy your time on deck or reminisce with your shipmates and new friends as you cross the Arctic Ocean back to Murmansk.
- **Day 13 — Disembarkation in Murmansk**
- Returning to Russia's most northerly city, it will be time to bid farewell to your ship, 50 Years of Victory.
- **Day 14 — Helsinki, Finland**
- Spend some extra time exploring Helsinki, Tallinn (the capital of Estonia) and Saint Petersburg.



Cruise ships, the Large and the Small ones

- **MSC Fantasia**
- Mediterranean Shipping Company
- Built STX, St Nazaire 2008
- 137,936 t gross
- Length, 1093.ft 7 in 333.33 m
- Beam, 124. ft 5 in 37.92 m
- Draft, 28 ft 5 in, 8.65 m
- 3900 pass 1313 crew
- Speed, 21 kn
- Diesel electric
- 40, 000 kw



Cruise ships, the Large and the Small ones

Seabourn Quest

Operator: Seabourn Cruises

- Built: Mariotti 2011
- 32,346 t gross
- Length: 198.15 m 650 ft
- Beam: 25.6 m 84 ft
- Draft: 6.5 m 21.4 ft
- Speed 19 kn
- 450 passengers
- 335 crew



Cruise ships, the Large and the Small ones

The World

Operators Residents at Sea

- Built 2003 Oresunds Varvet, Landskrona, Sweden
- Completed Fosen MV, Rissen, Norway.
- 43524 t gross
- Length 196.35 m, 644 ft
- Beam 29.8 m, 97.9 ft
- Draft 6.97 m, 22 ft
- 18.5 kn
- 190 pass, 48 crew



Cruise ships, the Large and the Small ones

- Paul Gauguin
- Operator: Pacific Beachcomber, PG Cruises
- Built: Chantiers de l'Atlantique St Nazaire.
- 19,200 t gross
- Length: 153.6 m 504 ft
- Beam: 21.6 m 71 ft
- Draft: 5.15 m 16.9 ft
- Speed: 18 kn
- 332 Pass. 215 crew



Cruise ships, the Large and the Small ones

Thank You

Cruise ships, the Large and the Small ones

Cruise ships, the Large and the Small ones

Cruise ships, the Large and the Small ones

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