# FROM THE PAST

## 1936 - 1989

Independent shipping and investment company.

## 1989 - 2004

Inge Steensland buys 64% of the company's share capital. From 1992 the transformation from a shipping investment platform, towards a fully integrated shipping company starts.

Continuing fleet growth by buying second-hand vessels and taking delivery of 5 newbuilds 1998-2004.

## 2006

A large-scale newbuild order placed in South Korea and Germany for 4 ethylene carriers 17,000 cbm, 3 LGCs and 2 Panamax VLGCs for delivery in 2007/2008. In total 9 vessels.

## 2007/2008

Received delivery of 10 newbuilds, 9 constructed and 1 VLGC resale ex-yard.

## 2006-2011

Starting to transform the land organization from a small to a medium-size shipping company.

Establishing our vision, values and main goals. Establishing KPIs and development of Solvang vessel performance monitoring system.

**Opening "Make our Blue Logo** Green" programme, setting targets for Solvang ECO LPG Carriers:

- Fuel-efficient design
- regulations.
- Operational excellence by

# **TO THE FUTURE**

## 2050 – Clipper Future

- Complete GHG accounts for the fleet in Scope 1 «well-towake».
- Minimal GHG outlets and . pollution to air and water
- Large efficiency gains within transmission/propeller and hull.
- Large optimization gains in engine operation
- Material contribution to ammonia market.

### 2030

- **Progressive GHG emission** reductions, ref IMO/EU Full compliance with IMO's •
- 40% efficiency ratio (CII) reduction target.
- OCCS expansion in the fleet.

## 2024

- OCCS pilot planned and installed on Clipper Eris
- Sustainability materiality assessment for Solvang ASA.
- Submitted verified EGC washwater analyses to IMO
- **Detaljed review of Panamax** newbuilds including OCCS ready.
- Sold Clipper Helen (May) and Clipper Star (December).
- **Bought Clipper Explorer** (delivery January 2025).

## 2023

- Ordering 5+2 VLGC newbuilds Fuel optimization of existing
- fleet.
- Mewis ducts installed on 10 • vessels.
- Eco bulb, propellers and drivetrain optimization on 4 vessels.
- Awarding of MNOK 78 from Norwegian Authorities to implement OCCS onboard Clipper Eris.

# 5 newbuilds, 4 ECO Ethylene, and 1 carrier in the world. Retrofitting 4 vessels with scrubbers.

## 2021

2019

Launch of vessel-scale carbon capture project with Wärtsilä. The system captures CO<sub>2</sub> from main engine combustion before it passes through the exhaust outlets.

2011

• Compliance with emission

 Energy efficiency well-to-wake. • The question is not which fuel you use, but how you use it. continuous improvement.

## 2011

Ordering Clipper Quito and Clipper Posh, 84,000 cbm VLGCs with full-scale exhaust cleaning systems, delivery in 2013.

## 2013

Delivery of the world's first ECO VLGC LPG Carrier, first award of the title ECO LPG carrier, by The Royal Institute of Naval Architects.

ECO Panamax VLGC. The greenest and most efficient oil-fuelled gas

### 2015

Delivery of 3 new ECO LGC (60,000) gas carriers, Bosphorus-Max.

**Retrofit of EGC on Clipper Harald** - combination of scrubber and LP EGR for emission control (SOx and NOx).

### 2017

**Delivery of 2 Panamax EC0 LPG** carriers.