Little White and Little Gray
Uniform state-of-the-art fleet

Cargolux fleet composition:

- 747-8 freighter (14)
- 747-400 freighter (16)
Cargolux Route Map 2019

- Over 90 flight destinations
- 177 trucking destinations
- Over 55 countries
- Over 85 offices worldwide
Once upon a time……

Little White and Little Grey, were in captivity at the Changfeng Ocean World waterpark in Shanghai, which was purchased in 2012 by a British company, Merlin Entertainments.

Merlin Entertainements has a policy against keeping cetaceans in captivity and therefore worked with WDC (Whale and Dolphin Conservation) to create the world’s first sanctuary for captive belugas. Thanks to the joint effort of SEA LIFE Trust and WDC, the move was made possible. After some time of research and preparation the Vestmannaeyjar (Westman islands) off Iceland’s southern coast was chosen.

The first-of-its-kind sanctuary will be known as the SEA LIFE Trust Beluga Whale Sanctuary.

Cargolux was approached and decided to sponsor the transport of two beluga whales from Shanghai to Iceland.
IATA requirement for the CR55

Crate requirement/design by the shipper
Design of the crate
First configuration:
The water height was defined at 35 cms which amounts to 3.5 tons

Second configuration:
The water height was defined at 55 cms which amounts to 5.5 tons

The second configuration was not an option as the height of the container would not be able to withhold the extra amount of water without spillage when taking into consideration the slosh.
Crate design

- **Crate Design Details**
  - **Plan**: Scale 1:50
  - **Section A-A** Scale: 1:20
  - **Section B-B** Scale: 1:50
  - **Top View**: Scale: 1:50
  - **Front View**: Scale: 1:50
  - **Detail "Y1"**: Scale: 1:20
  - **Detail "Y2"**: Scale: 1:20
  - **Detail "X"**: Scale: 1:20
  - **Detail "Z"**: Scale: 1:25

- **Materials and Components**
  - Stainless Steel Sleeves
  - Beluga Transport Tank
  - Removable Steel Support (Panel)
  - Splash Cover (2nos.)

- **Dimensions**
  - Various dimensions are provided for each section and detail.
Final design…we thought
THE FINAL ONE!!!!!!
Final organization
In order to restrain a 10 tons container in all 4 directions, 74 straps are required. As the total weight went from 10 to 11.5T, we had to increase the straps to 100.
MONITORING

Skyview Electronics high definition analog camera

Eyoyo 10 inch 1280x800 monitor

DC 12680 // 12.6 VDC 6800mAh battery

30m cable for video signal and power supply for the camera
BAD NEWS!

The PLAN

PVG-KEF Beluga charter 15/16APR
RE-SCHEDULE

- Complete documentation
- CITES I (import and export permit)
- Quarantine
- Blood tests
- Health certificates
- Landing permit (PVG and KEF)
- Availability of one of our aircraft and especially the ECV
- Good weather condition
Preparation for the loading into the crate
Preparation for the loading into the crate
Preparation for the loading into the crate
Preparation for the loading into the crate
Preparation for the loading into the crate
Transfer to the airport
Airport Ramp Side
Loading onto the aircraft
Restraining of the crate and equipment
Visual check upon arrival
Offloading in Iceland
Offloading in Iceland
UPDATE

• The plan was to release the two belugas by September 2019 into their new home;

• The delay we faced from April to June also delayed their release as the water temperature in Iceland was too cold;

• Their official release is planned for April 2020
QUESTIONS?