



## Carriage and transfer of cargo and personnel

### 1. Cargo Transportation

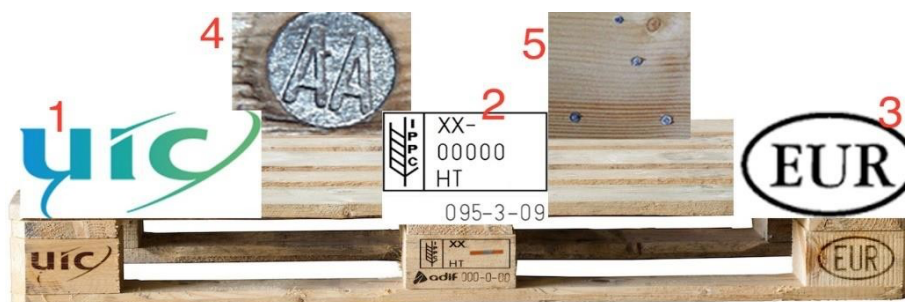
“Riga Towage Company” provides transportation of cargo with tugboats. Accessible place for loading cargo is aft deck. Some tugs are equipped with deck cranes and can be used for lifting cargo from the quayside onto the deck. At sea vessel’s crane must be used. The weather and loading conditions will be observed and tug Master will decide re best option of safe operation. Max deck load is 20 t.

“Riga Towage Company” is not liable for cargo during transportation or loading operation. It is sole liability of a hirer to insure cargo.

- Transport of Pallets

Tugs use soft lifting slings for lifting pallets and cargo. For safety of loading, pallets and cargo needs to comply with the following requirements:

- Pallets must be in good condition without any defects or signs of rotten wood.
- Proper visible certification:



- Pallets must be with opened sides so the slings could be safely applied:



- Cargo should fit dimensions of a pallet, not overhanging from sides.
- Weight distribution of cargo should be even to avoid capsizing.
- In case there are multiple objects on the pallets then they must be secured as one by plastic film or straps.



- **Transport of IBC Container**

Lifting of IBC containers with soft lifting slings is not recommended as they contain liquids with free surface effect that causes quick change to a center of gravity and can damage container frame. We kindly recommend to use special lifting frame designed for lifting of IBC containers (to be supplied by hirer).



## 2. Personnel Transfer

“Riga Towage Company” offers personnel transportation to and from vessels at sea. A vessel must provide safe (dis)embarkation from or to a tug by gangway or pilot ladder. All personnel preparing to transfer must wear lifejackets. Only limited number of lifejackets is available on a tug; therefore, a hirer should inform a vessel to have lifejackets ready before the operation.

Transfer conditions will vary depending on weather, transfer location and transfer system (pilot ladder, gangway). Safety of operation will be each time assessed by a tug Master.

People under influence of alcohol or people demonstrating unproper/unsafe behavior will be banned from transfer. Passengers travel and move onboard a tug or between a tug and a vessel at their own risk.

“Riga Towage Company” is not liable for passengers during transportation or transfer operation. It is sole liability of a hirer to insure transferred personnel.

## 3. Transportation of Fresh Water

Fresh water delivery is available by several tugs. Please note that we supply TECHNICAL WATER only. Please see details in chapter 5 “Tug specification”.



**Hydrant connection type Storz 2.**



**Hydrant connection type DN50, PN16.**



#### 4. Work with Divers

Company and tug crews have experience working with divers. Many tugs can provide continuous power supply for diving equipment, sufficient space and accommodation, assistance with crane at port/sea.

Power Supply 220V - 380V and 16A.

#### 5. Tugs specifications

##### SANTA

- Max no. of pallets: 20 pcs. of EUR (800x1200mm) or 15 pcs. of FIN (1200x1000mm).
- Onboard crane SWL 990 kg at 12,8 m.
- Total amount of TECHNICAL WATER (from drinking water tanks) which can be transported is 20 m<sup>3</sup>. Flow rate is between **8-12 m<sup>3</sup>/h** depending on hose length and angle. Hydrant connection type 2" Storz hose coupling. Hose with length up to 50 m.

##### STELLA

- Max no. of pallets: 20 pcs. of EUR (800x1200mm) or 15 pcs. of FIN (1200x1000mm).
- Onboard crane SWL 990 kg at 12,8 m.
- Total amount of TECHNICAL WATER (from drinking water tanks) which can be transported is 20 m<sup>3</sup>. Flow rate is between 1-1,5 m<sup>3</sup>/h depending on hose length and angle. Hydrant connection type 2" Storz hose coupling. Hose with length up to 50 m.

##### SFINKSA

- Max no. of pallets: 24 pcs. of EUR (800x1200mm) or 20 pcs. of FIN (1200x1000mm).
- Onboard crane SWL 910 kg at 4m.
- Total amount of TECHNICAL WATER which can be transported is 12,5 m<sup>3</sup>. Flow rate is between 15 m<sup>3</sup>/h depending on hose length and angle. Hydrant connection type 2" Storz hose coupling. Hose with length up to 50 m.