

### GRAIN TERMINALS

## GRAINS AND OILSEEDS, FROM FIELDS TO SHIPS

■ To maintain its leading position, an export terminal must have a natural hinterland of production, has to be integrated into the logistic chain, must have efficient installations and satisfy the quality standards of European and World markets.

■ Located in the centre of the Atlantic coast, the **SICA ATLANTIQUE** terminals at La Rochelle-Pallice and Tonnay-Charente are the natural outlets for the Central West Atlantic, renowned for the quality of its grain and oilseed production. Dedicated to the entire export sector, from the fields to the quayside, high tech industrial facilities ensure optimal quality management with the strictest respect to technical specifications. Supply logistics by trucks and trains guarantee time optimisation during every stage of the procedure: reception / storage / loading of all vessels, from coasters to Panamax.



## OUR CLIENTS

- || AGRICULTURAL COOPERATIVES AND MERCHANTS
- || TRADERS
- || EXPORTERS

## OUR JOBS

- || FULLY AUTOMATED INSTALLATIONS FOR RECEPTION, STORAGE, CELL-TO-CELL MOVEMENT, DIRECT TO SHIP LOADING
- || SEGREGATED STORAGE ACCORDING TO QUALITY: POSSIBILITY TO STORE IN INDIVIDUALS' BINS
- || LOTS AVERAGE QUALITY FOLLOWED UP BY COMPUTER
- || STORAGE MANAGEMENT (THERMOMETRIC PROBES)
- || INSECTICIDE TREATMENT AT TIME OF INTAKE OR LOADING
- || BLENDING INTO HOMOGENEOUS CARGO WITHIN CONTRACTUAL SPECIFICATIONS
- || LOADING BY GRAINS LOADERS AT DEDICATED PIER, AFTER ANALYSIS AND WEIGHING
- || FULL TRACEABILITY AND PROCESS MANAGEMENT
- || REAL TIME DATA PROCESSING BY COMPUTERISED MANAGEMENT SYSTEM
- || COMPLETE ORGANISATION OF INTAKES BY RAILWAYS

## OUR STRENGTHS

- || First Historical French grain port terminal. With our experience and technical knowledge, we can provide solutions for even the most diverse issues regarding volumes and treatment: individualisation, segregation and homogenisation of lots by computer tracking of qualitative criteria.
- || Output batching enhances the quality value of goods handled. The flexibility of our facilities guarantees differentiated management of multi-products until they reach the grain loading terminal.
- || Our grain loaders in La Pallice and Tonnay-Charente are powerful and swift enough to optimise the vessel loading operations.



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ATLANTIQUE

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## POTENTIAL

### LA ROCHELLE - PALLICE

#### Installation

- || 4 silos, 101 bins
- || 300 000 tons capacity including 30 000 tons in flat storage
- || 6 road reception hoppers (700 trucks/day)
- || 1 rail pit (5 trains/day)
- || 1 rail / road pit
- || 3 grading station
- || Handling by conveyor belts

#### Grain terminal

- || Vessels-up to 120 000 tons
- || Draught at -13,5 meters
- || 600 meters of berth length
- || 3 dockside berths
- || 2 grain loaders – 1000 and 1500 t/hour
- || « Direct on board » loading circuit
- || 24/24 accessibility
- || From la Rochelle-Pallice road to berth in less than an hour

### TONNAY - CHARENTE

#### Installation

- || 1 silo 20 000 tons capacity
- || 3 road reception hoppers (100 trucks/day)

#### Grain terminal

- || River port on the Charente River
- || Coasters up to 6000 tons
- || Draught 6 meters
- || 1 grain loader 600 t/hour
- || « Direct on board » loading circuit



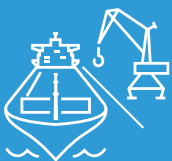
**2.7 mt**

HANDLED YEARLY



**300 kt**

OF STORAGE CAPACITY



**2200 t/h**

LOADING CAPACITY

OFFERING  
**MORE**

THE SYNERGY OF OUR SERVICES AFFILIATES GUARANTEES THE SWIFTNES AND THE OPTIMISATION OF THE VESSELS CALLS AS WELL AS THE COST OF TRANSPORTS (TRUCKS OR TRAINS UNLOADING CEREALS CAN BE REFILLED WITH FERTILIZERS OR OILSEED MEAL FOR INSTANCE FOR THEIR RETURN TRIP)



GRUPE SICA ATLANTIQUE