



# Memòria anual **2004** Port de Barcelona

Català Castellano English Français





## 1 Financial statements

**The present chapter includes the balance sheet, the profit and loss statement and the source and application funds statement for fiscal years ending 31 december 2004 and 2003.**

**Furthermore, a chapter on the 2004 economic-financial report will be found at the Annual report.**



*Entity financed by the European Union  
Cohesion Fund*

## **Introduction**

**1.1. Balance Sheet**

**1.2. Profit and Loss Statement**

**1.3. Source and application funds statement**

# 1 Financial statements

## 1.1. Balance Sheet

ASSETS	Thousand euros		LIABILITIES	Thousand euros	
	2004	2003		2004	2003
<b>FIXED ASSETS</b>	<b>1,024,516</b>	<b>894,506</b>	<b>EQUITY</b>	<b>677,561</b>	<b>644,165</b>
Intangible	7,728	8,967	Net worth	512,743	512,743
Tangible	970,761	848,772	Fixed assets paid-up to general use	-36,337	-33,821
Financial	35,248	35,942	Reserves	165,243	138,297
Long-term trade debtors	10,779	825	Profit	35,912	26,946
<b>DEFERRED EXPENSE</b>	<b>11,039</b>	<b>11,432</b>	<b>DEFERRED INCOME</b>	<b>205,770</b>	<b>123,410</b>
			<b>PROVISIONS FOR LIABILITIES AND EXPENSES</b>	<b>10,673</b>	<b>10,417</b>
			<b>LONG-TERM CREDITORS</b>	<b>170,796</b>	<b>113,604</b>
			Debts with credit institutions	166,010	105,414
			Debt with group and associated companies	3	1,803
			Other creditors	4,783	6,387
<b>CURRENT ASSETS</b>	<b>84,825</b>	<b>46,137</b>	<b>SHORT-TERM CREDITORS</b>	<b>55,580</b>	<b>60,479</b>
Inventories	359	345	Debts with credit institution	2,627	2,597
Accounts receivable	56,709	28,465	Debt with group and associated companies	833	800
Short-term investments	25,591	15,152	Trade creditors	4,630	5,614
Cash and Banks	1,886	1,573	Other non-trade creditors	47,490	51,468
Deferred income and accruals	280	602			
<b>TOTAL ASSETS</b>	<b>1,120,380</b>	<b>952,075</b>	<b>TOTAL LIABILITIES</b>	<b>1,120,380</b>	<b>952,075</b>

## 1.2. Profit and Loss Statement

	Thousand euros			Thousand euros	
DEBIT	2004	2003	CREDIT	2004	2003
<b>EXPENSES:</b>			<b>INCOME</b>		
Personnel costs	27,429	26,080	Net turnover	114,829	100,202
Provision for depreciation of fixed assets	25,231	21,845	Other operating income	2,486	1,693
Change in trade provisions	4	-67			
Other operating expenses					
External services	14,961	16,475			
Taxes	767	785			
Other	972	1,292			
Financing from Puertos del Estado	4,489	0			
<b>Total operating expenses</b>	<b>73,853</b>	<b>66,410</b>	<b>Total operating income</b>	<b>117,315</b>	<b>101,895</b>
<b>OPERATING PROFIT</b>	<b>43,462</b>	<b>35,485</b>			
Assimilated and financial expenses	3,808	2,632	Income from capital holdings	21	0
			Income from other negotiable instruments and credits from fixed assets	218	277
			Other assimilated and financial income	1,131	468
<b>Total financial expenses</b>	<b>3,808</b>	<b>2,632</b>	<b>Total financial income</b>	<b>1,370</b>	<b>745</b>
<b>POSITIVE FINANCIAL RESULTS</b>	<b>0</b>	<b>0</b>	<b>NEGATIVE FINANCIAL RESULTS</b>	<b>2,438</b>	<b>1,887</b>
<b>PROFIT FROM ORDINARY ACTIVITIES</b>	<b>41,024</b>	<b>33,598</b>			
Change in provisions for tangible and intangible fixed assets and control portfolio	99	132	Profits on disposal of tangible intangible fixed assets and control portfolio	17	2
Losses from fixed assets	2,591	875	Capital grant transferred to results	1,931	1,548
Extraordinary expenses	4,772	4,419	Extraordinary income	1,959	1,634
Expenses and losses from previous fiscal years	701	318	Income and profit from previous fiscal years	111	317
<b>Total extraordinary expenses</b>	<b>8,163</b>	<b>5,744</b>	<b>Total extraordinary income</b>	<b>4,018</b>	<b>3,501</b>
<b>EXTRAORDINARY POSITIVE RESULTS</b>	<b>0</b>	<b>0</b>	<b>EXTRAORDINARY NEGATIVE RESULTS</b>	<b>4,145</b>	<b>2,243</b>
<b>PROFIT FROM OPERATIONS</b>	<b>36,879</b>	<b>31,355</b>			
Interport Fund contribution	1,467	8,670	Interport Fund receivable	500	3,705
Corporation tax	0	-556			
<b>PERIOD RESULTS (PROFIT)</b>	<b>35,912</b>	<b>26,946</b>			

### 1.3. Source and application funds statement

APPLICATIONS OF FUNDS	Thousand Euros		SOURCES OF FUNDS	Thousand Euros	
	2004	2003		2004	2003
<b>Fixed assets purchased</b>	<b>151,433</b>	<b>132,953</b>	<b>Resources from operations</b>	<b>63,716</b>	<b>53,807</b>
Intangible	870	4,066	Period results without Interport fund	36,879	31,911
Tangible	150,437	128,746	Provision for depreciation of fixed assets	25,231	21,845
Financial	126	141	Addition to reserves of fixed assets	261	375
			Depreciation of deferred expenses	429	442
<b>Interport Fund contribution</b>	<b>0</b>	<b>8,670</b>	Reserves for liabilities and expenses	3,856	2,860
<b>Interport Fund compensation</b>	<b>1,467</b>	<b>0</b>	Losses from fixed assets	2,591	875
			Other	274	0
<b>Long-term financial to short-term financial debts transferred</b>	<b>5,808</b>	<b>24,014</b>	Excess of provisions for fixed assets	-162	-243
Debts with credit institutions	2,404	22,404	Excess of provisions for liabilities and expenses	-227	-39
Other	1,604	1,610	Profits accruing from fixed assets	-17	-2
Debt with group and associated companies	1,800		Capital subsidies transferred to results	-1,931	-1,548
			Deferred income transferred to results from reverted leases	-682	-1,201
<b>Provisions for liabilities and expenses</b>	<b>3,373</b>	<b>1,152</b>	Other income deferred	-2,778	-1,357
			Other	-8	-111
<b>Long-term trade debts</b>	<b>10,144</b>	<b>825</b>			
			<b>Deferred income</b>	<b>87,751</b>	<b>52,243</b>
<b>Deferred expense</b>	<b>36</b>	<b>0</b>	Capital grants	61,196	36,776
			Other income deferred	26,555	15,467
			<b>Interport Fund receivable</b>	<b>0</b>	<b>3,705</b>
			<b>Interport Fund compensation</b>	<b>500</b>	<b>0</b>
			<b>Long-term debts</b>	<b>63,000</b>	<b>50,000</b>
			With credit institutions	63,000	50,000
			<b>Disposal of fixed assets</b>	<b>64</b>	<b>7</b>
			<b>Other sources</b>	<b>817</b>	<b>2,483</b>
			Short-term cancelation or transfer of financial fixed assets	627	2,483
			Short-term cancelation or transfer of trade creditors	190	0

APPLICATIONS OF FUNDS	Thousand Euros		SOURCES OF FUNDS	Thousand Euros	
	2004	2003		2004	2003
<b>TOTAL APPLICATIONS</b>	<b>172,261</b>	<b>167,614</b>	<b>TOTAL SOURCES</b>	<b>215,848</b>	<b>162,245</b>
<b>EXCESS OF SOURCES OVER APPLICATIONS</b>	<b>43,587</b>	<b>-</b>	<b>EXCESS OF APPLICATIONS OVER SOURCES</b>	<b>-</b>	<b>5,369</b>
VARIATION IN WORKING CAPITAL	2004		2003		
	Increases	Decreases	Increases	Decreases	
<b>Inventories</b>	<b>14</b>	<b>-</b>	<b>-</b>	<b>1</b>	
<b>Accounts receivable</b>	<b>28,244</b>	<b>-</b>	<b>-</b>	<b>8,358</b>	
<b>Creditors</b>	<b>4,899</b>	<b>-</b>	<b>23,596</b>	<b>-</b>	
<b>Short-term investments</b>	<b>10,439</b>	<b>-</b>	<b>-</b>	<b>19,483</b>	
<b>Cash and Banks</b>	<b>313</b>	<b>-</b>	<b>-</b>	<b>1,084</b>	
<b>Deferred income and accruals</b>	<b>-</b>	<b>322</b>	<b>-</b>	<b>39</b>	
<b>TOTAL</b>	<b>43,909</b>	<b>322</b>	<b>23,596</b>	<b>28,965</b>	
<b>VARIATION IN WORKING CAPITAL</b>	<b>43,587</b>	<b>-</b>	<b>-</b>	<b>5,369</b>	



## **2 Technical characteristics of the Port**

**This chapter contains a physical description of the Port of Barcelona; its geographic location and climatic conditions, its land accesses, the location of lighthouses and beacons which facilitate maritime access, the distribution by use of the port's 828.9 ha of land (including the ZAL) and the draught along the more than 20 km of wharves.**

**Finally, this chapter contains an inventory of the facilities and equipment in the Port.**



## **Introduction**

- 2.1. General data**
  - 2.1.1. Location**
  - 2.1.2. Wind pattern**
  - 2.1.3. Deep-water storm pattern**
  - 2.1.4. Tides**
  - 2.1.5. Entrances**
    - 2.1.5.1. Access canals**
      - 2.1.5.1. bis Map of access chanel and anchorage areas**
    - 2.1.5.2. Entrance mouth**
    - 2.1.5.3. Use of tugs in vessel entry and exit**
    - 2.1.5.4. Largest vessel entered in last five years**
  - 2.1.6. Flotation areas (ha)**
    - 2.1.6.1. Zone I**
    - 2.1.6.2. Zone II**
  - 2.1.7. Land area (m2)**
  - 2.1.8. Breakwaters (m)**
- 2.2. Simplified map of lights and beacons**
  - 2.2.1. General map of ligths and beacons**
  - 2.2.2. List of lights and beacons**
- 2.3. Wharves and berths**
  - 2.3.1. Classification by basin**
    - 2.3.1.1. Service**
    - 2.3.1.2. Private**
  - 2.3.2. Classification by use and draught**
- 2.4. Storage facilities**
  - 2.4.1. Storage facilities**
  - 2.4.2. Bonded storage facilities**
- 2.5. Commercial and shipping facilities**
  - 2.5.1. Dry docks**
  - 2.5.2. Floating docks**
  - 2.5.3. Slipways**
  - 2.5.4. Shipyards**
  - 2.5.5. Refrigerated warehouses and ice factories**
    - 2.5.5.1. Refrigerated warehouses**
    - 2.5.5.2. Ice factories**
  - 2.5.6. Fishing facilities**
  - 2.5.7. Passenger terminals**
  - 2.5.8. Official buildings**
  - 2.5.9. Other commercial and public buildings and facilitites**
- 2.6. Ship supply facilities**
  - 2.6.1. Fuel supply**
  - 2.6.2. Water supply**
- 2.7. Internal communication and land access**
  - 2.7.1. Internal communications**

- 2.7.2. Land accesses**
- 2.7.3. By other means**
- 2.8. Dockside cargo-handling equipment**
  - 2.8.1. Cranes**
    - 2.8.1.1. Dock cranes**
    - 2.8.1.2. Mobile cranes**
    - 2.8.1.3. Number of cranes. Summary**
  - 2.8.2. Special loading and discharge facilities**
  - 2.8.3. Mobile rail material**
  - 2.8.4. Auxiliary loading, discharge and transport material**
- 2.9. Floating material**
  - 2.9.1. Dredgers**
  - 2.9.2. Tugboats**
  - 2.9.3. Sludge lighters, lighters and barges**
  - 2.9.4. Floating cranes**
  - 2.9.5. Other auxiliary service means**
- 2.10. Brief description of facilities for specific traffic types**
- 2.11. General map of Port**

## 2 Technical characteristics of the Port

### 2.1. General data

#### 2.1.1. Location

Latitude 41° 20' 1" N
-----------------------

Longitude (Greenwich) 2° 10' 2" E
-----------------------------------

#### 2.1.2. Wind pattern

Prevailing, 3rd Quadrant
--------------------------

Dominant, 4th Quadrant
------------------------

#### 2.1.3. Deep-water storm pattern

Significant wave height within a period of 50 years
---

7.93 m
--------

#### 2.1.4. Tides

Variations on the level of water caused by dominant winds and atmospheric pressure.
---

Lowest water level with respect to port zero mark
---

0.134 m
---------

Highest water level with respect to port zero mark
--

0.988 m
---------

#### 2.1.5. Entrances

##### 2.1.5.1. Access canals

The Port of Barcelona has two entrances, with their corresponding Access Channels.

##### **South Access Channel. Location, Dimensions and Characteristics:**

There is an access channel that organises incoming and outgoing traffic through the South entrance mouth. The centre of the access channel is marked with a landfall buoy (marking navigable waters) "S" (Sierra), in the following situation: Latitude: 41° 18' 12" N and Longitude: 02° 10' 43" E. This buoy is topped with a RACON that responds to radars with signal B.

The South channel is oriented to true 330° incoming and true 100° outgoing. It is 5 cables wide and 1.5 miles long. The north bank delimits the north anchorage area to the south, and the south bank delimits the south anchorage area to the north.

##### **North access channel Location, Dimensions and Characteristics:**

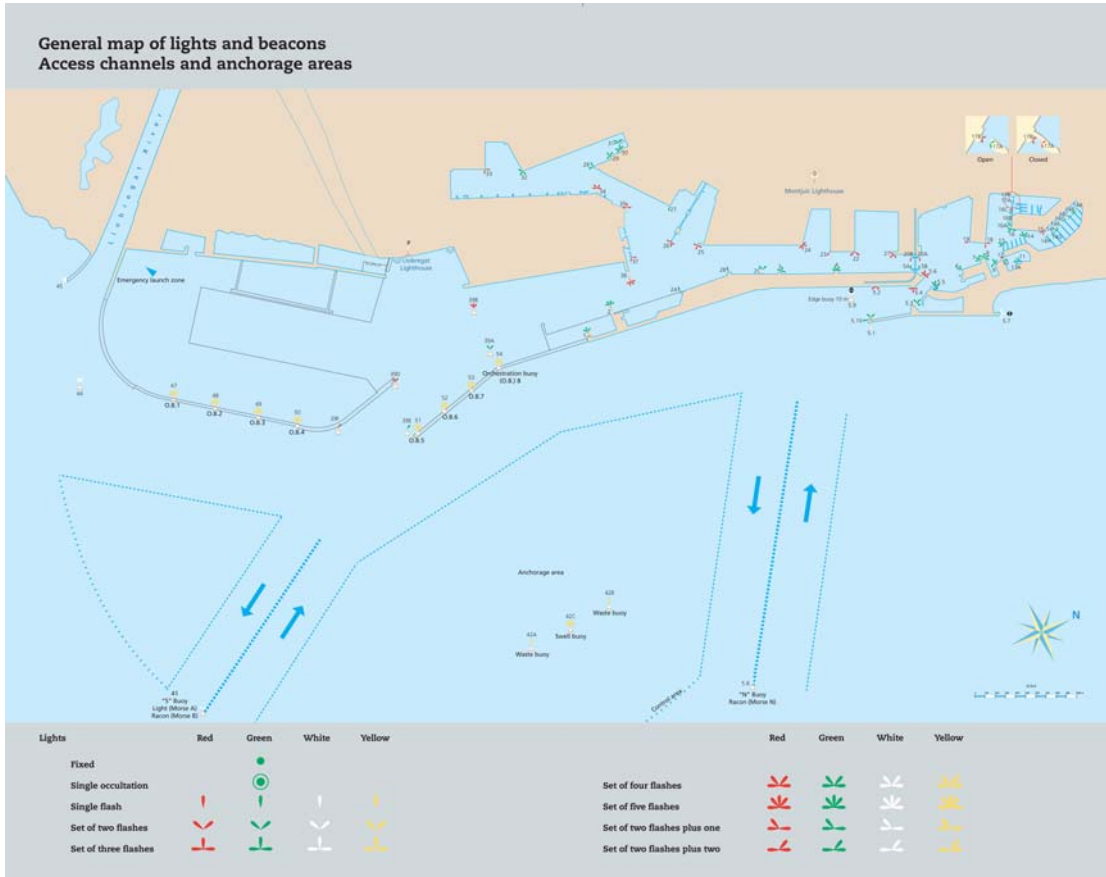
There is one access channel to the North entrance mouth. The centre of the access channel north is marked with landfall buoy N (November) located in latitude: 41° 18' 12" N and Longitude: 02° 10' 43" E. This buoy is topped with a RACON that responds to radars with signal B.

It is oriented to 305° entry / 125° exit. It is 5 cables wide and the South border of the channel delimits the anchorage area to the North.

From a distance of 1/2 miles of the green light of the North entrance mouth, the traffic will be one way (entry or exit).

The signals of the north access channel are complemented by a cardinal east mark located at latitude: 41° 21' 37" N and Longitude: 02° 10' 83" E and signalled at the 15 metre edge.

2.1.5.1. bis Map of access chanel and anchorage areas



### 2.1.5.2. Entrance mouth

<b>Sud entrance mouth</b>	
Maximum width	370 m
Depth at water level	16 m
Maximum recorded current	2 knots

<b>North entrance mouth</b>	
Maximum width	145 m
Depth at water level	11.5 m

### 2.1.5.3. Use of tugs in vessel entry and exit

### 2.1.5.4. Largest vessel entered in last five years

	Greatest length	Greatest draught
Name	Queen Mary 2	Safmarine Himalaya
Nationality	British	Greece
G.T.	148,528	74,661
TPM	19,189	81,094
Length	345.03	304.16
Type	Passenger	Container ship
Incoming or outgoing real draught	10.30	13.10

### 2.1.6. Flotation areas (ha)

#### 2.1.6.1. Zone I

	Basins			Total (has)
	Commercial	Fishing	Rest	
Inner port	331.30	3.68	44.50	379.48

## 2.1.6.2. Zone II

	Accesses	Anchorage	Rest	Total (has)
Outer port	147.07	4.87	1280.53	1432.47

## 2.1.7. Land area (m2)

Sector	No APB area	Rip-Rap	Filling area	Operative area	Concession area	Railway and Road area	Public area	Remaining area APB	G. Civil EM	TOTAL
<b>SECTOR 1</b>										
01 Adossat Wharf										
02 Llevant Wharf										
03 Dic Flotant Wharf										
05 Occidental Wharf										
Area:	0	56,168	176,635	45,217	19,246	77,495	0	14,435	45,415	434,611
<b>SECTOR 2</b>										
06 Catalunya Wharf										0
08 Nou Wharf										
10 Pescadors Wharf										
11 Balears Wharf										
12 Rellotge Wharf										
13 Marina Port Vell Wharf										
14 Dipòsit Wharf										
15 Espanya Wharf										
16 Bosch i Alsina Wharf										
17 Drassanes Wharf										
18 Barcelona Wharf										
Area:	7119.67	0	135,448	60,389	168,406	122,414	277,739	13,911	0	785,426
<b>SECTOR 3</b>										
19 Sant Bertran Wharf										0
20 Ponent Wharf										
21 Costa Wharf										
22 Contradic Wharf										
Area:	11594,1	0	0	80,294	165,272	135,333	3,624	24,337	0	420,454
<b>SECTOR 4</b>										
23 Oest Wharf										0
24 Sud Wharf										
25 Pantalà Wharf										
Area:	2528.18	14,490	0	75,706	625,685	123,323	0	20,678	0	862,410
<b>SECTOR 5</b>										
26 Álvarez de la Campa Wharf										0
27 Lepant Wharf										
28 Evaristo Fernández Wharf										
Area:	82833,8	1,538.63	0.00	12,996.80	180,167.00	124,537.60	1,284.62	154,098.00	3,923.80	561,380
<b>SECTOR 6</b>										
29 Príncep de Espanya Wharf										0
30 Dàrsena Sud Wharf										
Area:	3100.25	0	0	99,789	590,866	65,381	7,353	59,627	0	826,117
<b>SECTOR 7</b>										
Zona sud										0

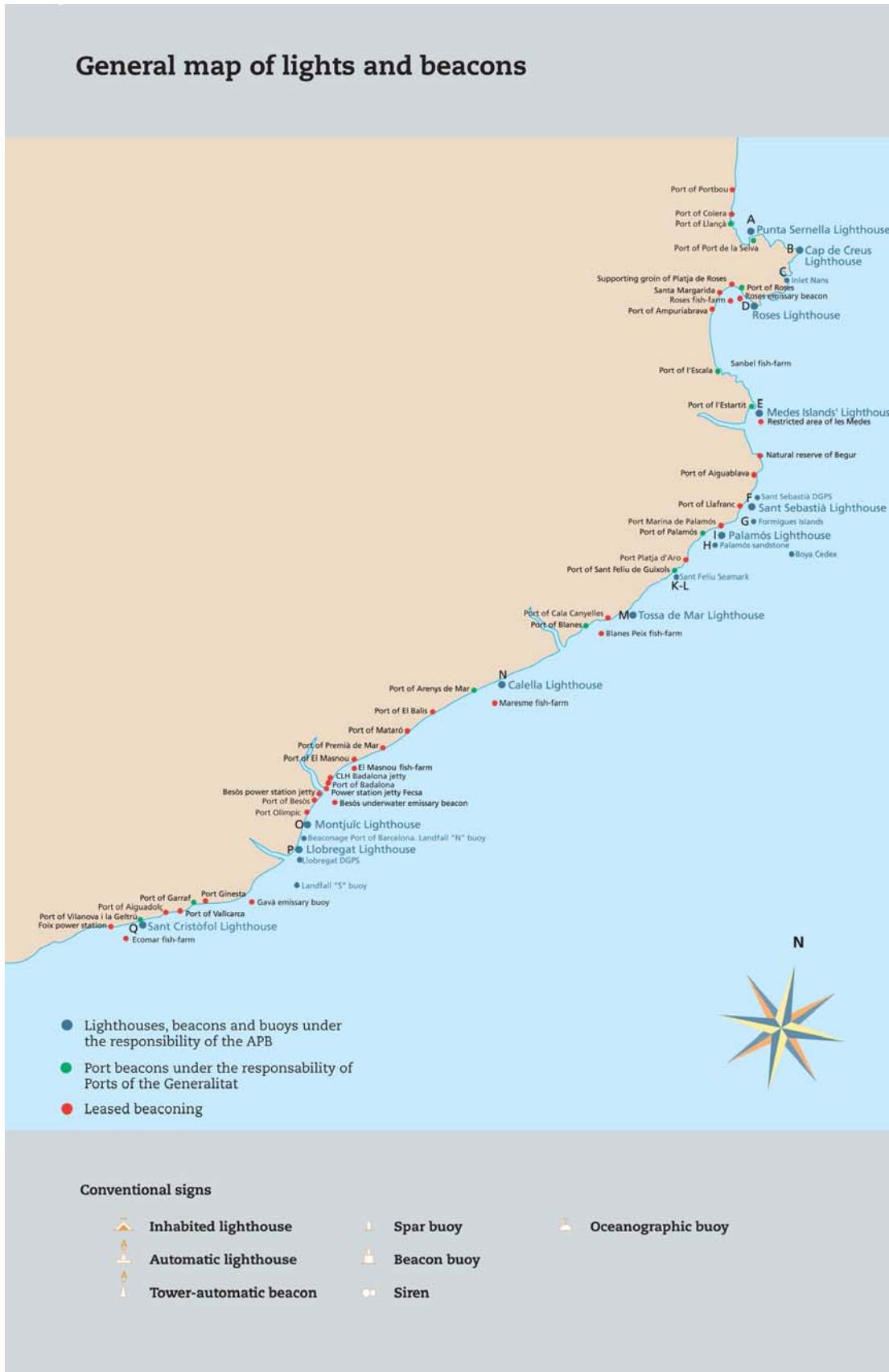
Sector	No APB area	Rip-Rap	Filling area	Operative area	Concession area	Railway and Road area	Public area	Remaining area APB	G. Civil EM	TOTAL
Area:	0	0	0	207	253,839	144,983	4,068	48,334	0	451,430
<b>SECTOR 8</b>										0
32 Inflammables Wharf										
Area:	0	91,273	52,051	42,833	1,023,187	218,507	6,839	136,935	0	1,571,625
<b>ZAL 1</b>	63,208.16	9,198			424,331	154,169	62,121	247		713,276
<b>ZAL 2</b>										1,667,000
<b>TOTAL PORT</b>	<b>170,384</b>	<b>172,668</b>	<b>364,134</b>	<b>417,431</b>	<b>3,450,999</b>	<b>1,166,143</b>	<b>363,028</b>	<b>472,603</b>	<b>49,339</b>	<b>8,293,729</b>

### 2.1.8. Breakwaters (m)

Denomination	Length	Characteristics
East seawall	1,990	Sloping seawall natural breakwater
	1990	Sloping seawall artificial breakwater
Nou Contradic Wharf	486	Sloping seawall natural breakwater
Enlargement Inflammables Wharf	1,145	Sloping seawall natural breakwater
	1144,8	Sloping seawall artificial breakwater
Nova Bocana Wharf	986	Vertical seawall
	985,82	Artificial breakwater
<b>TOTAL</b>	<b>8,166</b>	

## 2.2. Simplified map of lights and beacons

### 2.2.1. General map of lights and beacons





## 2.2.2. List of lights and beacons

No. In Lighthouse book and on map	Name and position	Description	Colour of light	Characteristics	Range in miles
31780 A	PUNTA SERNELLA LIGHTHOUSE. Punta Sernella.	Tower over a grey building with white dome	White	1 flash every 5 seconds. 1+4 = 5	13
31730 B	CAP DE CREUS LIGHTHOUSE Cap de Creus.	Tower on white house.	White	Groups of 2 flashes every 10 seconds. 0.3+2.2+0.3+7.2 = 10.	20
31680 C	CALA NANS LIGHTHOUSE Punta Cala Nans.	Cylindrical tower on white house.	White	Groups of 4+1 flashes every 25 seconds. (0.5+2.5) 3 times+0.5+7.5+0.5+7.5 = 25.	8
31610 D	ROSES LIGHTHOUSE Punta de la Bateria.	Cylindrical white tower on white house.	White	Groups of 4 eclipses every 15 seconds. 6+1.5[(1+1.5)3 times]=15	12
31300 E	ILLES MEDES LIGHTHOUSE Illa Meda Gran.	Cylindrical tower on white house.	White	Group of 4 flashes every 24 seconds. (1+3) 3 times+1+11 = 24.	14
31250 F	SANT SEBASTIA LIGHTHOUSE Cap de Sant Sebastià.	White tower on white building.	White	1 flash every 5 seconds 0.3+4.7 = 5.	32
31140 G	ILLES FORMIGUES Illa Formiga Gran.	Stainless steel house.	White	Groups of 3 flashes every 9 seconds. 0.5+1.5+0.5+1.5+0.5+4.5 = 9.	6
31051 H	LLOSA DE PALAMOS Over la Llosa.	Black column with red bands.	White	Groups of 2 flashes every 7 seconds. 0.5+1.5+0.5+4.5 = 7.	5
31041 I	PALAMOS LIGHTHOUSE Punta del Molí.	White cylindrical tower.	White	Eclipse groups of (1+4) flashes every 18 seconds. (1.4+1) 3 times +4.4+1+4.4+1 = 18.	18
30998 J	REMRO BUOY 2 miles from the coast.	Spherical yellow buoy.	Yellow	Groups of 5 flashes every 20 seconds (0.5+0.5) 4 times +0.5+15.5 =20.	1
30970 K	PORT LEADING LIGHT Sant Feliu (Ant.). Passeig Marítim.	White post marked with black and white bands at 45°.	White	Isophase every 3 seconds. 1.5+1.5 = 3.	4
30971 L	PORT LEADING LIGHT Sant Feliu (Post.). Passeig Marítim 52 m from previous one.	White post marked with black and white bands at 45°.	White	Eclipse group every 3 seconds. 2+1 = 3.	4
30910 M	TOSSA LIGHTHOUSE Cap de Tossa.	White tower on building.	White	Groups of (3+1) flashes every 20 seconds. 0.2+2.3+0.2+2.3+0.2+7.3+0.2+7.3 = 20.	21
30810 N	CALELLA LIGHTHOUSE Calella.	Tower on white building.	White	Groups of (3+2) flashes every 20 seconds. 0.3+1.4+0.3+1.4+0.3+7.1+0.3+1.4+0.3+7.2=20.	18

No. In Lighthouse book and on map	Name and position	Description	Colour of light	Characteristics	Range in miles
29700 O	MONTJUÏC LIGHTHOUSE On the side of Montjuïc.	Tower on white building with red edges.	White	2 flashes every 15 seconds. $0.3+3.4+0.3+11 = 15$ .	26
29630 P	RIVER LLOBREGAT LIGHTHOUSE At the mouth of the river.	Tower on cylindrical building	White	1 flash every 5 seconds. $1+4 = 5$ .	23
29340 Q	VILANOVA I LA GELTRÚ LIGHTHOUSE Vilanova i la Geltrú Port.	Stone tower beside white building	White	Group of 3 flashes every 8 seconds. $0.2+1.5+0.2+1.5+0.2+4.4 = 8$ .	19
29720 1	EST SEAWALL LIGHTHOUSE At the head of the jetty.	Metal cylindrical tower with two parts of different diameters, painted green with a white band in the middle. (When approaching from the sea, a top green band and a lower white band can be seen.)	Green	Group of 3 flashes every 9 seconds. $0.5+1.5+0.5+1.5+0.5+4.5 = 9$ .	6
29740 2	MARTELL BEACON At the head of the pier on wharf 01B Adossat.	Cylindrical metal tower with two parts of different diameters, painted green.	Green	Groups of 4 flashes every 11 seconds. $3(0.5+1.5)+0.5+4.5 = 11$ .	3
30006 2A	01 ADOSSAT WHARF Enlarging Adossat (South)	Green metal post	Green	1 flash every 1 second. $0.3+0.7 = 1$	1
30008 2B	01 ADOSSAT WHARF Enlarging Adossat (West)	Green metal buoy	Green	1 flash every 1 second. $0.3+0.7 = 1$	1
30010-a 2C	01 ADOSSAT WHARF Enlarging Adossat (North).	Green metal buoy	Green	1 flash every 1 second. $0.3+0.7 = 1$	1
30012 3	01 ADOSSAT WHARF SW end.	Metal post, painted green, on a pyramidal base.	Green	Group of 3 flashes every 9 seconds. $0.5+1.5+0.5+1.5+0.5+4.5 = 9$ .	2
30015 4	01 ADOSSAT WHARF Double Ro-Ro berth.	Metal post, painted green, on a pyramidal base.	Green	Groups of 4 flashes every 11 seconds. $3(0.5+1.5)+0.5+4.5 = 11$ .	2
30132 5A	02 LLEVANT WHARF. Pillar S of the bridge entering.	Metal post, painted green.	Green	1 flash every 5 seconds. $0.5+4.5 = 5$ .	1
30133 5B	02 LLEVANT WHARF. Pillar N of the bridge entering.	Metal post, painted green.	Green	1 flash every 5 seconds. $0.5+4.5 = 5$ .	1
30377.4 5.1	NORD ENTRANCE MOUTH Mole. South End	Green tower on white.	Green	Groups of 2 flashes every 7 seconds. $0.5+1.5+0.5+4.5=7$ .	5
30377.8 5.2	NORD ENTRANCE MOUTH Over rip-rap l'Est seawall	Red column.	Red	Groups of 2 flashes every 7 seconds. $0.5+1.5+0.5+4.5=7$ .	3
30378-c 5.3	NORD ENTRANCE MOUTH Fishing basin buoy	Green spar buoy.	Green	Groups of 3 flashes every 9 seconds. $0.5+1.5+0.5+1.5+0.5+4.5 = 9$ .	1
30377.9 5.4	NORD ENTRANCE MOUTH Counterdike	Metal post, painted red, on a pyramidal base.	Red	Groups of 3 flashes every 9 seconds. $0.5+1.5+0.5+1.5+0.5+4.5 = 9$ .	3

No. In Lighthouse book and on map	Name and position	Description	Colour of light	Characteristics	Range in miles
30379 5.5	02 LLEVANT WHARF East	Metal post, painted green, on a pyramidal base.	Green	Groups de 4 flashes every 11 seconds. (0.5+1.5) 3 times+0.5+4.5 = 11.	3
30378 5.6	02 LLEVANT WHARF West	Metal post, painted red, on a pyramidal base.	Red	Groups of 4 flashes every 11 seconds. (0.5+1.5) 3 times+0.5+4.5 = 11.	3
30377.6 5.7	NORD ENTRANCE MOUTH Mole. North end	Metal post, painted black with a yellow band in the centre. Limit mark: 2 cones superimposed on the cardinal east base.	White	Group of 3 flashes every 10 seconds. 0.3+0.7+0.3+0.7+0.3+7.7 = 10.	5
30377 5.8	LANDFALL BUOY. 2 miles SE at the ent of the Nord Entrance Mouth seawall	Cylindrical pillar buoy, painted with red and white vertical bands, with Racon marking the centre and beginning of the North entry channel to the port.	White	1 long flash every 10 seconds. 2 + 8= 10.	5
30377.2 5.9	EDGE BUOY 15m. Marks the shore 15m from the Est seawall rip rap.	Cylindrical pillar buoy with radar reflector (marks the East quadrant cardinal), painted black with a horizontal yellow band in the centre.	White	Group of 3 flashes every 10 seconds. 0.3+0.7+0.3+0.7+0.3+7.7 = 10.	2
30377.5 5.10	NORTH ENTRANCE MOUTH Mole. Martell	Metal post, painted green	Verd	Continuous flashes every second. 0.5+0.5 = 1	3
30170 6	05 OCCIDENTAL WHARF SW corner.	Metal post, painted green, on a pyramidal base.	Green	Groups of 2 flashes every 7 seconds. 0.5+1.5+0.5+4.5=7.	2
30190 7	06 CATALUNYA WHARF Southern corner.	Metal post, painted green, on a pyramidal base.	Green	Groups of 3 flashes every 9 seconds. 0.5+1.5+0.5+1.5+0.5+4.5 = 9.	2
30210 8	WHARF 06 CATALUNYA Northern corner.	Metal post, painted green, on a pyramidal base.	Green	Groups of 4 flashes every 11 seconds. (0.5+1.5) 3 times+ 0.5+4.5 = 11.	2
30376 9	08 NOU WHARF Southern corner.	Metal post, painted green-red-green, on a pyramidal base.	Green	Groups of 2+1 flashes every 21 seconds. 0.5+1.5+0.5+4.5+0.5+13.5=21.	2
30374 10	08 NOU WHARF Northern corner.	Metal post, painted green, on a pyramidal base.	Green	Isolated flashes every 5 seconds. 1+4 = 5.	2
30373 11	LA INDÚSTRIA BASIN (Extrem Guafe)	Green metal post	Green	Groups of 2+1 flashes every 15 seconds. 0.5+0.5 =1	2
30373.5 11A	LA INDÚSTRIA BASIN (Sincrolift)	Red and green metal post	Green	Groups of 2+1 flashes every 21 seconds. 0.5+1.5+0.5+4.5+0.5+13.5=21.	1
30372 12	11 BALEARS WHARF Souther corner.	Metal post, painted red, on a pyramidal base.	Red	Isolated flashes every 5 seconds. 0.5+4.5 = 5.	2
30370 13	11 BALEARS WHARF End of South Jetty.	Metal post, painted green-red-green, on a pyramidal base.	Green	Groups of 2+1 flashes every 21 seconds. 0.5+1.5+0.5+4.5+0.5+13.5 = 21.	2

No. In Lighthouse book and on map	Name and position	Description	Colour of light	Characteristics	Range in miles
30350 14	11 BALEARS WHARF End of North Jetty.	Metal post, painted green, on a pyramidal base.	Green	Groups of 4 flashes every 11 seconds. (0.5+1.5) 3 times +0.5+4.5 = 11.	2
30332 14A	13 MARINA PORT VELL WHARF S. Jetty 8.	Green post.	Green	1 flash every 6 seconds. 1+5 = 6.	1
30333 14B	13 MARINA PORT VELL WHARF S Jetty 7.	Green post.	Green	Groups of 4 flashes every 14 seconds. 1+1+1+1+1+1+7 = 14.	1
30334 14C	13 MARINA PORT VELL WHARF S Jetty 6.	Green post.	Green	Groups of 3 flashes every 11 seconds. 0.5+1+0.5+1+0.5+7.5 = 11.	1
30335 14D	13 MARINA PORT VELL WHARF S Jetty 5.	Green post.	Green	Groups of 2 flashes every 9 seconds. 0.5+1+0.5+7 = 9.	1
30336 14E	13 MARINA PORT VELL WHARF S Jetty 4.	Green post.	Green	1 flash every 6 seconds. 1+5 = 6.	1
30337 14F	13 MARINA PORT VELL WHARF S Jetty 3.	Green post.	Green	Groups of 4 flashes every 14 seconds. 1+1+1+1+1+1+7 = 14.	1
30338 14G	13 MARINA PORT VELL WHARF S Jetty 2.	Green post.	Green	Groups of 3 flashes every 11 seconds. 0.5+1+0.5+1+0.5+7.5 = 11.	1
30339 14H	13 MARINA PORT VELL WHARF S Jetty 1.	Green post.	Green	Groups of 2 flashes every 9 seconds. 0.5+1+0.5+7 = 9.	1
30330 15	15 ESPANYA WHARF Northern corner.	Metal post, painted red, on a pyramidal base.	Red	Groups of 3 flashes every 9 seconds. 0.5+1.5+0.5+1.5+0.5+4.5 = 9.	2
30310 16	15 ESPANYA WHARF SE Corner.	Metal post, painted green-red-green, on a pyramidal base.	Green	Groups of 1+2 flashes every 21 seconds. 0.5+4.5+0.5+1.5+0.5+13.5 = 21.	2
30250 16A	15 ESPANYA WHARF Rambla del Mar East.	Metal post, painted green.	Green	Groups of 3 flashes every 9 seconds. 0.5+1.5+0.5+1.5+0.5+4.5 = 9.	1
30252 16B	15 ESPANYA WHARF SE Rambla del Mar East central.	Inclined metal post, painted green.	Green	Groups of 2 flashes every 7 seconds. 0.5+1.5+0.5+4.5 = 7.	1
30254 16C	15 ESPANYA WHARF SE Rambla de Mar West central.	Inclined metal post, painted red.	Red	Groups of 2 flashes every 7 seconds. 0.5+1.5+0.5+4.5 = 7.	1
30256 17A	16 BOSCH I ALSINA WHARF Rambla de Mar East.	Metal post painted red	Red/Green	Groups of 2 red or green flashes every 7 seconds. 0.5+1.5+0.5+4.5 = 7.	1

No. In Lighthouse book and on map	Name and position	Description	Colour of light	Characteristics	Range in miles
30258 17B	16 BOSCH I ALSINA WHARF Rambla de Mar West.	Metal post painted red	Red	Groups of 2 flashes every 7 seconds. 0.5+1.5+0.5+4.5 = 7.	1
30240 18	18 BARCELONA WHARF NE corner of centre edge.	Metal post, painted red, on a pyramidal base.	Red	Groups of 2 flashes every 7 seconds. 0.5+1.5+0.5+4.5 = 7.	2
30230 19	18 BARCELONA WHARF Southern corner.	Metal post, painted red, on a pyramidal base.	Red	1 flash every 5 seconds. 0.5+4.5 = 5.	2
30134 20A	20 PONENT WHARF. North pillar of the bridge entering	Metal post painted red	Red	1 flash every 5 seconds. 0.5+4.5 = 5.	1
30135 20B	20 PONENT WHARF. South pillar of the bridge entering.	Metal post painted red	Red	1 flash every 5 seconds. 0.5+4.5 = 5.	1
30110 21	20 PONENT WHARF SE corner.	Metal post, painted red, on a pyramidal base.	Red	Groups of 3 flashes every 9 seconds. 0.5+1.5+0.5+1.5+0.5+4.5 = 9.	2
30090 22	22 CONTRADIC WHARF NE corner.	Metal post, painted red, on a pyramidal base.	Red	Groups of 2 flashes every 7 seconds. 0.5+1.5+0.5+4.5 = 7.	2
30070 23	22 CONTRADIC WHARF Southern corner.	Cylindrical tower, painted red, on a pyramidal base.	Red	1 flash every 5 seconds. 0.5+4.5 = 5.	2
30050 24	24 SUD WHARF Northern corner.	Metal post, painted red, on a pyramidal base.	Red	Groups of 4 flashes every 11 seconds. (0.5+1.5) 3 times +0.5+4.5 = 11.	2
30030 25	24 SUD WHARF Southern corner.	Metal post, painted red, on a pyramidal base.	Red	Groups of 3 flashes every 9 seconds. 0.5+1.5+0.5+1.5+0.5+4.5 = 9.	2
29980 26	25 PANTALÀ WHARF At the head of the wharf.	Small metal pyramidal tower, painted with three bands (red-green-red).	Red	Groups of 2 flashes plus 1 every 21 seconds. 0.5+4.5+0.5+1.5+0.5+13.5 = 21.	2
29960 27	26 ALVAREZ DE LA CAMPA WHARF NE end.	Metal post, painted green, on a pyramidal base.	Green	1 flash every 5 seconds. 0.5+4.5 = 5.	2
29950 28	27 LEPANT WHARF. Southern end.	Metal post, painted green, on a pyramidal base.	Green	Group of two flashes every 7 seconds. 0.5+1.5+0.5+4.5 = 7.	2
29945 29	27 LEPANT WHARF. Berth end number 2	Metal post, painted green, on a pyramidal base.	Green	Group of three flashes every 9 seconds. 0.5+1.5+0.5+1.5+0.5+4.5 = 9.	2
29942 30	27 LEPANT WHARF. Berth end number 1.	Metal post, painted green, on a pyramidal base.	Green	Group of four flashes every 11 seconds. (0.5+1.5) 3 times+0.5+4.5=11.	2

No. In Lighthouse book and on map	Name and position	Description	Colour of light	Characteristics	Range in miles
29930 31	28 EVARISTO FDEZ WHARF. End of jetty.	Metal post, painted green, on a pyramidal base.	Green	Group of 2+1 flashes every 21 seconds. $0.5+4.5+0.5+1.5+0.5+13.5 = 21$ .	2
29900 32	29 PRINCEP D'ESPANYA WHARF Southern end.	Metal post, painted green, on a pyramidal base.	Green	Group of three flashes every 9 seconds. $0.5+1.5+0.5+1.5+0.5+4.5 = 9$ .	2
29890 33	30 DARSENA SUD WHARF Southern end.	Metal post, painted red, on a pyramidal base.	Red	Group of two flashes every 7 seconds. $0.5+1.5+0.5+4.5 = 7$ .	2
29860 34	BUOY 2, ACCESS CHANNEL TO BASIN OF INFLAMABLES WHARF.	Red spar buoy.	Red	Groups of 4 flashes every 11 seconds. $(0.5+1.5) 3 \text{ times} +0.5+4.5 = 11$ .	1
29820 35	BUOY 1, ACCESS CHANNEL TO BASIN OF INFLAMABLES WHARF.	Red spar buoy.	Red	Groups of 3 flashes every 9 seconds. $0.5+1.5+0.5+1.5+0.5+4.5 = 9$ .	1
29800 37	End of the dolphin	Post painted red	Red	Groups of 2 flashes every 7 seconds. $0.5+1.5+0.5+4.5 = 7$ .	1
29760 38	NOU CONTRADIC. Beacon at the head of the spur.	Cylindrical brick tower, painted red, with a white strip on the base.	Red	Groups of 4 flashes every 11 seconds. $(0.5+1.5) 3 \text{ times} +0.5+4.5 = 11$ .	5
29680,23 39A	SUD ENTRANCE MOUTH Entry channel 2nd starboard buoy	Cylindrical beacon buoy painted green	Green	Groups of 2 flashes every 7 seconds. $0.5+1.5+0.5+4.5 = 7$ .	5
29680,25 39B	SUD ENTRANCE MOUTH Entry channel 3rd starboard buoy	Cylindrical beacon buoy painted red	Red	Groups of 3 flashes every 9 seconds. $0.5+1.5+0.5+1.5+0.5+4.5 = 9$ .	5
29680,17 39E	SUD ENTRANCE MOUTH Entry channel 1st starboard buoy	Cylindrical beacon buoy painted green	Green	One flash every 5 seconds. $0.5+4.5 = 5$ .	5
29680,15 39F	SUD ENTRANCE MOUTH Entry channel 1st starboard buoy	Cylindrical beacon buoy painted red	Red	One flash every 5 seconds. $0.5+4.5 = 5$ .	5
29680,19 39d	SUD ENTRANCE MOUTH Entry channel 2nd starboard buoy	Cylindrical beacon buoy painted red	Red	Groups of 2 flashes every 7 seconds. $0.5+1.5+0.5+4.5 = 7$ .	5
29680 41	SIERRA BUOY, 2.7 MILES SOUTH FROM THE END OF THE EST SEAWALL AND 2 MILES FROM THE COAST.	Cylindrical beacon buoy painted with vertical red and white strips with radar reflector and Racon to mark the centre and the start of the port entry channel.	White	Morse (letter A) every 10 seconds. $0.5+0.5+1.5+7.5 = 10$ . Racon Morse (letter B).	3
29681-a 42A	WASTE BUOY AT 2 MILES EAST FROM THE END OF THE EST SEAWALL	Cylindrical beacon buoy painted yellow	Yellow	1 flash every 5 seconds $0.5+4.5=5$	3

No. In Lighthouse book and on map	Name and position	Description	Colour of light	Characteristics	Range in miles
29681-b 42B	WASTE BUOY AT 2 MILES EAST FROM THE END OF THE EST SEAWALL	Cylindrical beacon buoy painted yellow	Yellow	1 flash every 5 seconds 0.5+4.5=5	3
29682 42C	SWELL BUOY	Cylindrical yellow	Yellow	5 flashes every 20 seconds. 0.5+0.5+0.5+0.5+0.5+0.5+0.5+0.5+0.5+0.5+15.5 = 20.	1
29652-A 43	DIC SUD Swell buoy	Cylindrical yellow	Yellow	5 flashes every 20 seconds. 0.5+0.5+0.5+0.5+0.5+0.5+0.5+0.5+0.5+0.5+15.5 = 20.	1
29655-a 44	BUOY DIC SUD. PORT ENLARAGEMENT WORKS.	Cylindrical pillar buoy with radar reflector (marks the East quadrant cardinal), painted black with a horizontal yellow band in the centre.	White	Group of 3 flashes every 10 seconds. 0.3+0.7+0.3+0.7+0.3+0.7 = 10.	5
29650 45	SEAWALL RIGHT BORDER NEW MOUTH LLOBREGAT RIVER.	Metal post, painted black with a yellow band in the centre. Limit mark: 2 cones superimposed on the cardinal east base.	White	Group of 3 flashes every 10 seconds. 0.3+0.7+0.3+0.7+0.3+0.7 = 10.	3
29655.1 47	ORCHESTRATION BUOY No 1	Cylindrical beacon buoy painted yellow	Yellow	5 flashes every 20 seconds. 1+1+1+1+1+1+1+1+1+1+1 = 20.	3
29655.2 48	ORCHESTRATION BUOY No 2	Cylindrical beacon buoy painted yellow	Yellow	5 flashes every 20 seconds. 1+1+1+1+1+1+1+1+1+1+1 = 20.	3
29655.3 49	ORCHESTRATION BUOY No 3	Cylindrical beacon buoy painted yellow	Yellow	5 flashes every 20 seconds. 1+1+1+1+1+1+1+1+1+1+1 = 20.	3
29655.4 50	ORCHESTRATION BUOY No 4	Cylindrical beacon buoy painted yellow	Yellow	5 flashes every 20 seconds. 1+1+1+1+1+1+1+1+1+1+1 = 20.	3
29670.4 51	ORCHESTRATION BUOY No 5	Cylindrical beacon buoy painted yellow	Yellow	5 flashes every 20 seconds. 1+1+1+1+1+1+1+1+1+1+1 = 20.	3
29670.3 52	ORCHESTRATION BUOY No 6	Cylindrical beacon buoy painted yellow	Yellow	5 flashes every 20 seconds. 1+1+1+1+1+1+1+1+1+1+1 = 20.	3
29670.2 53	ORCHESTRATION BUOY No 7	Cylindrical beacon buoy painted yellow	Yellow	5 flashes every 20 seconds. 1+1+1+1+1+1+1+1+1+1+1 = 20.	3
29670.1 54	ORCHESTRATION BUOY No 8	Cylindrical beacon buoy painted yellow	Yellow	5 flashes every 20 seconds. 1+1+1+1+1+1+1+1+1+1+1 = 20.	3

## 2.3. Wharves and berths

### 2.3.1. Classification by basin

#### 2.3.1.1. Service

Names	Length (lm)	Draught (m)	Width (m)	Uses
<b>COMMERCIAL DOCKS</b>				
00A Adossat Wharf Mod. 10-ramp	30.00	16.00	30,0	RO-RO vessels
00A Adossat Wharf Mod. 1-10	480.00	16.00	192,0	RO-RO/lo-lo/General cargo
01C Adossat Wharf Mod. 1-ramp	30.00	16.00	30,0	RO-RO vessels
01C Adossat Wharf Mod. 1-4	178.00	16.00	170,0	RO-RO/lo-lo/General cargo
01d Adossat Wharf Mod. 1-ramp	23.50	10	26	RO-RO vessels
01d Adossat Wharf Mod. 1-12	588.00	12	75,5	General cargo
01d Adossat Wharf Mod. 12-ramp	21.10	12	31	RO-RO vessels
01E Adossat Wharf Mod. 1-ramp	21.10	12	31	RO-RO vessels
01E Adossat Wharf Mod. 1-15	765.00	12	75,5	Passengers
15B Espanya Wharf (east)	310.00	9	12	Passengers and representative vessels
17B Drassanes Wharf	99.50	7	23	Passengers/RO-RO
Wharf 17B Shipyards (ramp)	29.00	7	15,6	Passengers/RO-RO
18A Barcelona Wharf (north) (ramp O.)	24.20	8	15,6	Passengers/RO-RO
18A Barcelona Wharf (north)	481.00	8	80	Passengers/RO-RO
18B Barcelona Wharf (east)	160.00	10	40	Passengers
18C Barcelona Wharf (south)	430.00	9	80	Passengers/RO-RO
18C Barcelona Wharf (south) (ramp O.)	25.00	9	25	Passengers/RO-RO
19A Sant Bertran Wharf (ramp N.)	25.00	11	25,0	Passengers/RO-RO
19A Sant Bertran Wharf	258.00	11	83	Passengers/RO-RO
19A Sant Bertran Wharf (ramp S.)	30.00	11	50,0	Passengers/RO-RO
19B Sant Bertran Wharf (ramp N.)	30.00	11	50,0	Passengers/RO-RO
19B Sant Bertran Wharf	221.00	11	83	Passengers/RO-RO
19B Sant Bertran Wharf (ramp S.)	22.00	11	30,0	Passengers/RO-RO
20A Ponent Wharf (north) (ramp O.)	23.00	8	30,0	Passengers/RO-RO
20A Ponent Wharf (north) (1st. stretch)	297.00	8	45	Passengers/RO-RO/lo-lo/General cargo
20A Ponent Wharf (north) (ramp E.)	30.50	8	14,0	RO-RO vessels
20B Ponent Wharf (north) (2nd stretch)	89.60	8	29	General cargo
20d Ponent Wharf (south) (ramp E.)	30.00	11.20	12,0	General cargo (RO-RO)
20C Ponent Wharf (east)	284.00	10	33	General cargo
20d Ponent Wharf (south)	407.00	11	62	General cargo (RO-RO/lo-lo)
Wharf 20d Ponent (south) (ramp O.)	30.15	11.20	10,0	RO-RO vessels
Wharf 21A Coast	452.00	11	66	General cargo, bulk liquid and RO-RO
22A Contradic Wharf (north) Mod. 1-4	200.00	9.50	85,0	Bulk liquids and solids by special facility and RO-RO
22A Contradic Wharf (north) Mod. 5-8	217.00	10.50	85	Bulk liquids and solids by special facility
22B Contradic Wharf (east)	241.00	11	13	Bulk solids by special facility
22C Contradic Wharf (south)	419.00	12	160	Bulk products, General cargo
22C Contradic Wharf (south) (ramp)	25.00	12.00	14.00	RO-RO vessels
23A Oest Wharf	200.00	12	77	Bulk solids
24A Sud Wharf (north part)	350.00	12	220	Containers
Wharf 24B South (east part) Mod. 1-9	450.00	14	100	Containers
24B Sud Wharf (east part) Mod.10-20	562.00	16	100	Containers
26A Álvarez de la Campa Wharf (ramp)	30.00	12	10,0	RO-RO vessels



Names	Length (lm)	Draught (m)	Width (m)	Uses
26A Álvarez de la Campa Wharf	180.00	12.00	150,0	RO-RO vessels
26B Álvarez de la Campa Wharf (1st stretch	150.00	12	200,0	Containers
26B Álvarez de la Campa Wharf (3rd stretch	150.00	8.00	100,0	Containers
26B Álvarez de la Campa Wharf (4th stretch	80.00	8.00	50,0	Cement by special facility
26B Álvarez de la Campa Wharf (5th stretch	240.00	7	0	Containers
27A Lepant Wharf (berth No. 1)	170.00	8.00	42	RO-RO vessels
27B Lepant Wharf (berth No. 2)	123.50	8	25	RO-RO vessels
28B Evaristo Fernández Wharf (ramp S)	22.00	7.00	65,0	RO-RO vessels
29A Príncipe de Espanya Wharf (1st stretch)	123.40	8	45	Containers
29A Príncipe de Espanya Wharf (2nd stretch	973.00	14	0	Containers
30A Dàrsena Sud Wharf	331.00	11.30	150	General cargo
30A Dàrsena Sud Wharf (ramp)	24.00	11.30	20,0	General cargo and RO-RO
30B Dàrsena Sud	209.00	12	190	General cargo and RO-RO vessels
30B Dàrsena Sud Wharf (ramp N)	25.00	12	20,0	RO-RO vessels (cars)
30B Dàrsena Sud Wharf (ramp S)	24.00	12.00	14,0	RO-RO vessels (cars)
30C Dàrsena Sud Wharf	277.00	12	0	RO-RO vessels (cars)
31A Dàrsena Interior Wharf	286.00	12	0	RO-RO vessels (cars)
31A Dàrsena Interior Wharf (ramp)	22.00	12.00	36,0	RO-RO vessels (cars)
31B Dàrsena Interior Wharf	255.00	7	50,0	RO-RO vessels (cars)
31B Dàrsena Interior Wharf (ramp O)	36.00	7.00	22,0	RO-RO vessels (cars)
31B Dàrsena Interior Wharf (ramp E)	25.00	8.00	12,0	RO-RO vessels (cars)
32 Inflammables Wharf (7 berths)	1,190.00	12	0	Liquefied gases and liquids
33C Nou Contradic Wharf	300.00	13.70	0,0	Liquefied natural gas
<b>TOTAL</b>	<b>13,834.55</b>			
<b>FISHING DOCKS</b>				
10A Pescadors Wharf	75.00	8.00	50,0	Fishing/Slipways
10B Pescadors Wharf	68.50	8	35	Fishing
10C Pescadors Wharf (north)	154.00	8	35	Fishing
11A Balears Wharf	217.50	8	10	Fishing
11B Balears Wharf	61.00	8	21	Fishing
11C Balears Wharf	261.00	10	50	Fishing
<b>TOTAL</b>	<b>837.00</b>			
<b>OTHER DOCKS</b>				
01A Adossat Wharf	252.00	4	0	Auxiliary vessels
02B Llevant Wharf (2nd alignment)	186.00	8	60	Auxiliary vessels
02C Llevant Wharf (1st alignment)	156.00	8	45	Auxiliary vessels
03 Dic Flotant Wharf	210.00	6	0	Repairs and workshops
05A Occidental Wharf (head)	58.50	9	10	Repairs and workshops
05B Occidental Wharf (west)	210.00	9	19,5	Floating repairs
06A Catalunya Wharf South	35.00	8	5,5	Vessel repairs and outfitting
06B Catalunya Wharf (head)	50.00	8	18	Vessel repairs and outfitting
06C Catalunya Wharf North	214.00	8	26	Vessel repairs and outfitting
08 Nou Wharf 'A'	98.00	8	42	Vessel repairs and outfitting
09 Escar Wharf	59.00	8	42	Vessel repairs and outfitting
12 Rellotge Wharf	202.00	8	65	Pleasure craft
13 Marina Port Vell Wharf	439.00	8	52	Pleasure craft
14A Dipòsit Wharf	108.00	8	40	Pleasure craft
15A Espanya Wharf NE	437.00	8	34	Yachts and representative vessels
15C Espanya Wharf South	177.00	8	36	Auxiliary vessels

Names	Length (lm)	Draught (m)	Width (m)	Uses
15D Espanya Wharf West-2	283.50	8	45	Pleasure craft
15E Espanya Wharf West-1	221.00	8	19	Pleasure craft
16 Bosch i Alsina Wharf	451.00	7	55	Non-commercial vessels, fueling vessels
17A Drassanes Wharf	97.00	7	0	Local traffic
27C Lepant Wharf (berth No. 3)	79.00	7.00	15	Base for towboats
28A Evaristo Fernández Wharf	66.00	7	65	Base for towboats/moorage
28B Evaristo Fernández Wharf	80.00	7.00	65,0	Base for towboats
Wharf 33A Nou Contradic	80.00	2.50	10,0	Auxiliary vessels
33B Nou Contradic Wharf	160.00	6.00	0,5	Auxiliary vessels
<b>TOTAL</b>	<b>4,409.00</b>			
<b>TOTAL SERVICE DOCKS</b>	<b>19,080.55</b>			

### 2.3.1.2. Private

Names	Length (lm)	Draught (m)	Width (m)	Uses
<b>COMMERCIAL DOCKS</b>				
01B Adossat Wharf	130.00	10.50	0.00	Bulk solids special facilities
Wharf 25C Platform 3 North	250.00	11.50	0.00	Petroleum products
Wharf 25C Platform 3 South	250.00	11.50	0.00	Petroleum products
Wharf 25B Platform 2 North	200.00	10.50	0.00	Petroleum products
Wharf 25E Platform 2 South	200.00	10.50	0.00	Petroleum products
Wharf 25A Platform 1 North	150.00	8.40	0.00	Petroleum products
26B Álvarez de la Campa Wharf (2nd stretch)	250.00	12.00	0.50	Bulk solids and liquids, special facility
32H Inflammables Wharf	258.00	12.00	0.00	Liquefied natural gas
<b>TOTAL</b>	<b>1,688.00</b>			
<b>FISHING DOCKS</b>				
None				
<b>OTHER DOCKS</b>				
07C Marina '92 Wharf	126.00	8.00	51.80	Ship repairs
07B Marina '92 Wharf	103.50	8.00	-	Ship repairs
07A Marina '92 Wharf	126.00	8.00	51.80	Ship repairs
<b>TOTAL</b>	<b>355.50</b>			
<b>TOTAL PRIVATE DOCKS</b>	<b>2,043.50</b>			

## 2.3.2. Classification by use and draught

Uses	Linear metres with draught 'C'						Total lm
	C>=12m	12m>C<=10m	10m>C>=8m	8m>C>=6m	6m>C>=4m	C<4m	
<b>SERVICE</b>							
<b>Commercial wharves</b>							
Conventional cargo	797.00	1,244.00	284.00	89.60	-	-	2,414.60
Containers	2,485.00	-	273.40	240.00	-	-	2,998.40
RO-RO berths	1,608.10	51.25	218.50	467.00	-	-	2,344.85
Solid bulk, no special facilities	419.00	-	-	-	-	-	419.00
Solid bulk, special facilities	200.00	458.00	280.00	-	-	-	938.00
Liquid bulk	1,490.00	-	-	-	-	-	1,490.00
Passengers	-	1,351.00	1,430.20	448.50	-	-	3,229.70
<b>Other wharves</b>							
Fishing	-	-	837.00	-	-	-	837.00
Outfitting, repairs and shipbreaking	-	-	724.50	210.00	-	-	934.50
Miscellaneous	-	-	1,528.00	1,614.50	252.00	80.00	3,394.50
<b>TOTAL SERVICE</b>	<b>6,999.10</b>	<b>3,104.25</b>	<b>5,575.60</b>	<b>3,069.60</b>	<b>252.00</b>	<b>-</b>	<b>19,000.55</b>
<b>PRIVATE</b>							
<b>Commercial wharves</b>							
Conventional cargo	-	-	-	-	-	-	-
Containers	-	-	-	-	-	-	-
RO-RO berths	-	-	-	-	-	-	-
Solid bulk, no special facilities	-	-	-	-	-	-	-
Solid bulk, special facilities	250.00	130.00	-	-	-	-	380.00
Liquid bulk	258.00	900.00	150.00	-	-	-	1,308.00
Passengers	-	-	-	-	-	-	-
<b>Other wharves</b>							
Fishing	-	-	-	-	-	-	-
Outfitting, repairs and shipbreaking	-	-	355.50	-	-	-	355.50
Miscellaneous	-	-	-	-	-	-	-
<b>TOTAL PRIVATE</b>	<b>508.00</b>	<b>1,030.00</b>	<b>505.50</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,043.50</b>
<b>TOTAL SERVICE AND PRIVATE</b>	<b>7,507.10</b>	<b>4,134.25</b>	<b>6,081.10</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>21,044.05</b>

## 2.4. Storage facilities

### 2.4.1. Storage facilities

Wharf	Designation	Open (m2)	Closed			Total area (m2)
			Area Ground floor (m2)	Height (m)	No of floors	
<b>SERVICE</b>						
01 Adossat Wharf						
Id.	Adossat wharf phase 1	95,000	-	-	-	95,000
Id.	Yard	32,975	-	-	-	32,975
Id.	Warehouses	-	14,355	6	1	14,355
Id.	Warehouse 1 (miscellaneous)	-	3,264	6	1	3,264
Nova Bocana		75,538	-	-	-	75,538
19 Sant Bertran Wharf						
Id.	Yard (Trasmediterránea, S.A.)	32,083	-	-	-	32,083
Id.	Warehouse 3 (misc)	-	8,640	7	1	8,640

Wharf	Designation	Open (m2)	Closed			Total area (m2)
			Area Ground floor (m2)	Height (m)	No of floors	
<b>Wharf 20, 21 Ponent, Costa</b>						
Id.	Yard (Port Nou, S.A.)	52,702				52,702
Id.	Warehouses (Port Nou, S.A.)		19,442	7	1	19,442
<b>22 Contradic Wharf.</b>						
Id.	Yard South	12,840	-	-	-	12,840
<b>23 Oest Wharf</b>						
Id.	Yard	14,820				14,820
<b>24 Sud Wharf</b>						
Id.	Yard (TCB)	446,882				446,882
Id.	Warehouses (TCB)		14,400	8	1	14,400
<b>26 Álvarez de la Campa Wharf</b>						
Id.	Yard (Estibadora de Ponent)	67,974		-	-	67,974
Id.	Warehouse (Estibadora de Ponent)		900	6	1	900
<b>C/ Álvarez de la Campa</b>						
Id.	Yard (miscellaneous)	10,700				10,700
Id.	Warehouses (miscellaneous)		4,460			4,460
<b>27 Lepant Wharf</b>						
Id.	Yard (Estibadora de Ponent)	48,300				48,300
Id.	Warehouse (miscellaneous)		4,800	6	1	4,800
<b>28 Evaristo Fernández Wharf</b>						
Id.	Yard (UTE Rebarsa)	7,437				7,437
Id.	Warehouse	-	1,500	8	2	2,100
<b>Former T.I.R</b>						
Id.	Yard (miscellaneous)	133,206				133,206
<b>29, 30 Príncep de Espanya and Dàrsena Interior wharves</b>						
Id.	Yard (Tercat)	326,870				323,270
Id.	Warehouse (Tercat)		22,545	8	1	22,545
<b>Tram 6</b>						
Id.	Yard (miscellaneous)	108,443	-			108,443
Id.	Warehouse		36,328	6	1	36,328
<b>Dàrsena Interior Wharf</b>						
Id.	Terrace (miscellaneous)	348,280	-	-	-	348,280
Id.	Warehouse		1,640	6	1	1,640
<b>32 Inflammables Wharf</b>						
Id.	Yard (tanks)	496,232		-	-	496,232
Id.	Terrace (widening)	605,372				605,372
<b>TOTAL SERVICE</b>		<b>2,915,654</b>	<b>132,274</b>			<b>3,044,928</b>

## 2.4.2. Bonded storage facilities

Wharf	Designation	Open (m2)	Closed			Total area (m2)
			Area Ground floor (m2)	Height (m)	No of floors	
Passeig Àlvarez de la Campa	Warehouses	-	45,000	-	-	45,000.00
Passeig Àlvarez de la Campa (Consorti Zona Franca)	Yards	13,086.50	-	-	-	13,086.50
<b>TOTAL</b>		<b>13,086.50</b>	<b>45,000</b>	<b>-</b>	<b>-</b>	<b>58,086.50</b>

## 2.5. Commercial and shipping facilities

### 2.5.1. Dry docks

Location	Owner	Length (m)	Width (m)	Draught with reference to port zero mark (m)	Dead weight capacity (t)	Year of construction
Dàrsena del Dic	Unión Naval Barcelona	215	35	8,5	50,000	1978

### 2.5.2. Floating docks

Owner	Length (m)	Breadth (m)	Draught (m)	Buoyancy (t)	Year of construction
Barcelona Port Authority	120	19	4,5	4,500	1974

### 2.5.3. Slipways

Location	Owner	Characteristics
09 Escar Wharf	APB*	Syncrolift Area on water 885 m²

\*Awarded by tender to Marina Barcelona-92, SA

## 2.5.4. Shipyards

Location	Owner	Number of slipways	Surface (m2)
02 Llevant Wharf	Hélices y Suministros Navales, SL	None	1,052.00
02 Llevant Wharf	North Wind Yard, SL	Id.	6,939.30
03 Dic Flotant / 05 Occidental / 06 Catalunya Wharves	Unión Naval Barcelona	Id.	31,013.00
08 Nou Wharf	Marina Barcelona-92, SA	Id.	36,997.55

## 2.5.5. Refrigerated warehouses and ice factories

Type of installation	Location	Owner	Area (m2)	Storage capacity (m3)
Refrigerated warehouse	19 Sant Bertran Wharf	Interlogística del Frio, SA	8,609	75,000
Fruit terminal	20 Ponent Wharf	Terminal Port Nou, SA (BFT)	5,556	23,040

Type of installation	Location	Owner	Area (m2)	Storage capacity (m3)
Ice factory	11 Balears Wharf	Barcelona Fishermen's Guild	1,600	296

## 2.5.6. Fishing facilities

Type of installation	Location	Owner	Area
Fish market	10 Pescadors Wharf	APB	1,500 m2
Net driers (yard)	10 Pescadors Wharf	APB	2,500 m2
Buildings for fishing industry	10 Pescadors Wharf	APB	779 buildings
Buildings for the fishing industry	11 Balears Wharf	APB	687 buildings
Repairs - net store	11 Balears Wharf	APB	2,013 m2

## 2.5.7. Passenger terminals

Location	Owner	Traffic handled	Area (m2)	No. of floors	Total area (m2)
01 Adossat Wharf	Creuers Port Barcelona	International Terminal A	3,360	1	3,360
01 Adossat Wharf	Creuers Port Barcelona	International Terminal B	7,274	1	7,274
18 Barcelona Wharf North	Creuers Port Barcelona	Intenational	1,934	4	4,983
18 Barcelona Wharf South	Creuers Port Barcelona	Intenational	1,934	4	5,913
18 Barcelona Wharf	APB	Balears	670	2	1,400
19 Sant Bertran Wharf	Trasmediterránea	nternational and Balearics	2,259	2	4,307
15B Espanya Wharf	APB	International	516	1	516
20 Ponent Wharf	APB	International	150	1	150

## 2.5.8. Official buildings

Location	Owner	User	Use	Area and characteristics
14 Dipòsit Wharf	Universitat Politècnica de Catalunya	Nautical Faculty	School	Building of 1,480 m2 Rest Site 2,085 m2
17 Drassanes Wharf	APB	APB	Offices	Building of 1,060 m2
17 Drassanes Wharf	Customs	Customs	Offices	Building of 4,840 m2
19 Sant Bertran Wharf	APB	Archbishopric of Barcelona	APB Archdiocese	3-storey building (300 m2 per floor)
24 Sud Wharf	APB	Ministry of Agriculture	Veterinary Inspection	5,185 m2
Tram V	APB	Civil Guard / hauliers	Offices	Building of 3,730 m2
Tram V	APB	Estibarna	Offices and contracting	Building of 1,661 m2 Rest Site 5,600 m2
Tram VI	APB	APB	ASTA building	19,500 m19
Tram VI	DGMM	DGMM	Harbour Master's office and Maritime traffic control	4,862 m19
Tram VI	APB	Estibarna	Training Centre	1,608 m2
Tram VI	Generalitat de Catalunya	Department of Agriculture, Livestock and Fishing	Laboratory	Building of 1,964 m2 Rest site 1,642 m2

## 2.5.9. Other commercial and public buildings and facilities

Location	Owner	User	Use	Area and characteristics
01B Adossat Wharf	Cemex España	Cemex España	Cement silo	Area: 3,750 m19
09 Escar Wharf	APB	-	Commercial premises	108 m19
09 Escar Wharf	APB	APB	APB Pensioners / Naval League	Area: 780 m2
16 Bosch i Alsina Wharf	APB	APB	APB Health centre	Building: 600 m19
22 Contradic Wharf	Ergransa	Ergransa	Receiving station for grain and seed	Silos with a capacity of 170,000 m3
22 Contradic Wharf	Ergransa	Ergransa	Warehouse	5,395 m19
22 Contradic Wharf	Portcemen, SA	Portcemen, SA	Clinker and cement silo	Area: 10,675 m19 Capacity: 70,000 m3

Location	Owner	User	Use	Area and characteristics
26 Álvarez de la Campa Wharf	Cemex España	Cemex España	Cement silo	Capacity 8,800m3
32 Inflamables Wharf	Ecoimsa	Ecoimsa	Waste treatment	Site:11,921 m2
32 Inflamables Wharf	APB	Various	Laboratory and offices	324 m²
Anselm Clavé street	APB	Port 2000	Port 2000 headquarters, offices	-
Tram VI	APB	Damex	Offices	460 m19
C/ Álvarez de la Campa	APB	Grúas JJ, SA	Offices	60 m19

## 2.6. Ship supply facilities

### 2.6.1. Fuel supply

Type of supply	Location	No. of intakes	Hourly capacity of each intake	Hourly wharf intake capacity	Supplier
Diesel (fishing)	11 Balears Wharf	1	2 t	2 t	REPSOL
Petrol and diesel	Marina Port Vell	4	1,5 t	6 t	PETROCAT
Petrol and diesel	16 Bosch i Alsina Wharf	2	2 t	4 t	CEPSA
Diesel and fuel-oil	Entire port (tanker vessel)	-	200/500 m3	-	CLH
Diesel and fuel-oil	Entire port (tanker vessel)	-	250/350 m3	-	CEPSA
<b>TOTAL</b>		<b>7</b>			

### 2.6.2. Water supply

Class of supply	Location	No. of outflows	Hourly capacity of each outflow	Hourly wharf capacity	Supplier
Water	01 Adossat Wharf	22	25 m3	200 m3	APB
Id.	01 Adossat Wharf	11	25 m3		Creuers de Barcelona
Id.	15A Espanya Wharf	6	25 m3	75 m3	APB
Id.	16 Bosch i Alsina Wharf	4	25 m3	75 m3	APB
Id.	17 Drassanes Wharf	3	20 m3	50 m3	APB
Id.	18A Barcelona Wharf N	8	25 m3	100 m3	APB
Id.	18A Barcelona Wharf N	3	25 m3		Creuers de Barcelona
Id.	Wharf 18B Barcelona E	3	25 m3	100 m3	APB
Id.	18C Barcelona Wharf S	6	25 m3	100 m3	APB
Id.	18C Barcelona Wharf S	3	25 m3		Creuers de Barcelona
Id.	19 Sant Bertran Wharf	17	25 m3	100 m3	APB
Id.	29 Ponent Wharf N	14	25 m3	75 m3	APB
Id.	20 Ponent Wharf E	10	25 m3	75 m3	APB
Id.	20 Ponent Wharf S	14	25 m3	100 m3	APB
Id.	21 Costa Wharf	4	25 m3	75 m3	APB
Id.	22 Contradic Wharf N	7	25 m3	100 m3	APB
Id.	22 Contradic Wharf E	6	25 m3	100 m3	APB
Id.	22 Contradic Wharf S	5	25 m3	100 m3	APB
Id.	23 Oest Wharf	8	30 m3	100 m3	APB
Id.	24 Sud Wharf (north wall)	14	30 m3	100 m3	APB



Class of supply	Location	No. of outflows	Hourly capacity of each outflow	Hourly wharf capacity	Supplier
Id.	24 Sud Wharf (east wall)	40	30 m3	100 m3	APB
Id.	26 Álvarez de la Campa Wharf (north)	4	30 m3	100 m3	APB
Id.	26 Álvarez de la Campa Wharf (east)	11	30 m3	100 m3	APB
Id.	27 Lepant Wharf	9	30 m3	75 m3	APB
Id.	29 Príncep de Espanya Wharf	23	30 m3	100 m3	APB
Id.	Dàrsena Sud Wharf	18	30 m3	100 m3	APB
Id.	31 Dàrsena Interior Wharf	15	30 m3	100 m3	APB
Id.	32 Inflammables Wharf	8	17 m3	70 m3	APB
Id.	Nou Contradic Wharf	2	25 m3	40 m3	APB
<b>TOTAL</b>		<b>298</b>			

## 2.7. Internal communication and land access

### 2.7.1. Internal communications

#### Road

A 13km. long ring road connects the different wharves and storage areas around the perimeter of the Port of Barcelona. This road has two lanes in each direction around most of its length.

Apart from the peripheral ring network there are also access and service lanes to each wharf, but they are secondary to the main ring road described above.

#### Railway

As for internal rail communications, from the Ponent wharf to the south, all the wharves have rail access, either with Renfe gauge (1.668 m), or with the gauge of the Ferrocarrils de la Generalitat de Catalunya (1m) or a mixed variety.

The Port's rail network is 33.475 km long, 15.45 km of which are Iberian gauge, 5 km of the gauge employed by the Ferrocarrils de la Generalitat de Catalunya and 4.700 km of mixed gauge (Iberian-Ferrocarrils de la Generalitat de Catalunya) and 3.63 km of mixed gauge (Iberian-European).

Renfe serves a varied demand of traffic: containers, non-containerised general cargo, solid and liquid bulks.

The Ferrocarrils de la Generalitat serve the flow of potash that is embarked in Barcelona from the Contradic Wharf.

The Sud wharf is equipped with a container rail terminal.

The automobile terminals each have their own rail terminal for cars.

### 2.7.2. Land accesses

The Port of Barcelona is located right next to a land transport infrastructures junction. This is a network of railways and motorways that connect the Port to its hinterland.

#### Road

Given that the ringroads that girth the city of Barcelona pass very close to the port, access to the road network is immediate.

The main roads are:

- The AP-2 motorway, which links up to the centre of the country, Aragon and the A-68 to the north of Spain and French border via Irún.
- The Mediterranean AP-7 motorway, which links up to the south with the east coast and centre of Spain and to the north, with the French border and the European motorway network.
- The AP-9 motorway, which links up with the AP-7 at the French border through La Jonquera.
- The C-32 motorway, which links up with the south and east of the country.
- The C-58 motorway running to Sabadell, Terrassa and Manresa, which links up to the Llobregat axis and through of the Cadí tunnel to France via Puigcerdà and the Pimorent tunnel.
- The C-31 motorway, which links up with the N II main road to the French border.
- The N II, to the west, centre and north of the country.
- The N C-17, to the French border via Puigcerdà.

- The N 150, to Sabadell, Terrassa and Manresa.
- The N 340, which links up to the south and east of the country.

#### Railway

The following railways link the port and its surroundings with rest of the country:

- Renfe (Iberian gauge)
  - To Portbou via Mataró and Granollers
  - To Puigcerdà
  - To the centre, west and the north of the country via: Manresa-Lleida, Sant Vicenç-Lleida, Tarragona-Zaragoza
  - To the west, south and east of the country via: Tarragona-Valencia

- Ferrocarrils de la Generalitat de Catalunya
  - To Manresa, Súria and Berga (metric gauge)
  - To Igualada (metric gauge)
  - To Sabadell and Terrassa

#### Pipelines

The pipes coming out of the Port to the consumption or distribution centres have the following characteristics:

Start	Diameter	Product	Destination
Inflammables Wharf (Enagas terminal)	1Ø90 mm	Natural Gas x	Natural Gas Derivados Azufre, SA (Zona Franca)
	1Ø200 mm	natural gas	Consumption belt
	1Ø200 mm	natural gas	Link to the sea edge of the ring

### 2.7.3. By other means

(Not applicable)

## 2.8. Dockside cargo-handling equipment

### 2.8.1. Cranes

#### 2.8.1.1. Dock cranes

Location Wharf	Owner	No. and type	Make	Energy used	Characteristics			Output under normal operating conditions lifts/hour	Year of construction
					Strength (t)	Reach (m)	Height above water level (m)		
Adossat	UTE Llevant	1 Bridge	Paceco	A.T. 6,000 v.	35	28,5	25	32	1990
Adossat	UTE Llevant	2 Bridge	B.W.	A.T. 6,000 v.	50	35	24	30	1972
Adossat	T. Port Nou	2 Gantry	Imenasa	(C.to.) 440 v.	28	25	22	30	1978
Ponent E	T. Port Nou	4 Gantry	Bynsa	(C.to.) 440 v.	6	22	25	25	1982
Ponent S	T. Port Nou	1 Bridge	Demag	A.T. 6,000 v.	40	35	27	35	1969
Costa	T. Port Nou	2 Gantry	Duro Felguera	(C.a.) 440 v.	12	25	22	30	1981
Costa	T. Port Nou	1 Gantry	Bynsa	(C.a.) 440 v.	30	25	25	25	1982
Costa	TERCAT	1 Gantry	Bynsa	(C.a.) 440 v.	30	25	25	25	1982
Contradic S	APB	4 Gantry	Macosa	(C.a.) 440 v.	16	35	23	30	1988
Oest	APB	3 Gantry	Duro Felguera	(C.a.) 440 v.	12	25	22	30	1981
South N	TCB	1 Bridge	B.W.	A.T. 6,000 v.	50	35	27	35	1982

Location Wharf	Owner	No. and type	Make	Energy used	Characteristics			Output under normal operating conditions lifts/hour	Year of construction
					Strength (t)	Reach (m)	Height above water level (m)		
Sud E	TCB	1 Bridge	Paceco	A.T. 6,000 v.	50	35	27	35	1996
Sud E	TCB	1 Bridge	Kone	A.T. 6,000 v.	50	47	33	35	1993
Sud E	TCB	2 Bridge	Kone	A.T. 6,000 v.	50	47	33	35	1999
Sud E	TCB	2 Bridge	Kone	A.T. 6,000 v.	60	51	33,5	35	2003
Sud E	TCB	1 Bridge	B.W.	A.T. 6,000 v.	50	35	27	35	1982
Sud E	TCB	1 Bridge	B.W.	A.T. 6,000 v.	50	35	27	35	1988
Álvarez Campa	Est. de Ponent	2 Bridge	Paceco	A.T. 6,000 v.	35	35	24	30	1986
Álvarez Campa	Est. de Ponent	1 Bridge	Liebherr	A.T. 6,000 v.	35	35	24	30	1990
Álvarez Campa	Est. de Ponent	3 Gantry	Imenasa	(C.a.) 440 v.	28	25	22	30	1973
Lepant	Est. Ponent	1 Gantry	Imenasa	(C.a.) 440 v.	28	25	22	30	1973
Lepant	Est. Ponent	2 Bridge	Paceco	(C.a.) 440 v.	41	33	25	25	1985
Príncep de Espanya	TERCAT	2 Bridge	Liebherr	A.T. 6,000 v.	50	45	33	35	1998
Príncep de Espanya	TERCAT	2 Bridge	Liebherr	A.T. 6,000 v.	50	45	33	35	1999
Príncep de Espanya	TERCAT	2 Bridge	Liebherr	A.T. 6,000 v.	50	45	35	35	2001
<b>TOTAL</b>		<b>45</b>							

### 2.8.1.2. Mobile cranes

Owner	No.	Make	Energy used	Strength (tonnes)	Year of construction
Grúas J.J., S.A.	1	Liebherr	Diesel fuel	160 t	2001
Grúas J.J., S.A.	1	Liebherr	Diesel fuel	120 t	1997
Grúas J.J., S.A.	2	Liebherr	Diesel fuel	50 t	1995/97
Grúas J.J., S.A.	2	Luna	Diesel fuel	35 t	1989/92
Grúas J.J., S.A.	3	Liebherr	Diesel fuel	25 t	1990/92
Grúas J.J., S.A.	1	C- crane Iveco	Diesel fuel	20 t	
Grúas J.J., S.A.	1	Liebherr	Diesel fuel	450 t	1998
Grúas J.J., S.A.	1	Luna	Diesel fuel	50 t	2002
Grúas J.J., S.A.	1	Liebherr	Diesel fuel	70 t	1993
Grúas J.J., S.A.	3	Liebherr	Diesel fuel	40 t	1991/96/97
Grúas J.J., S.A.	1	Liebherr	Diesel fuel	100 t	1989
Grúas J.J., S.A.	1	Góndola Gontrailer	Diesel fuel	100	
Grúas J.J., S.A.	2	Trailer- Mercedes	Diesel fuel	30 t	
Grúas J.J., S.A.	2	Liebherr	Diesel fuel	60 t	2003
Grúas J.J., S.A.	1	Liebherr	Diesel fuel	90 t	1999

Owner	No.	Make	Energy used	Strength (tonnes)	Year of construction
Grúas J.J., S.A.	1	Trailer- Iveco	Diesel fuel	90 t	
Grúas J.J., S.A.	1	Trailer- Iveco	Diesel fuel	65 t	
Grúas J.J., S.A.	7	Plataf. Ext. Gontrailer	Diesel fuel	9/22 t	
Grúas J.J., S.A.	1	Góndola Gontrailer	Diesel fuel	50 t	
Grúas J.J., S.A.	1	Liebherr	Diesel fuel	300 t	2000
Grúas J.J., S.A.	3	Trailer volvo	Diesel fuel		
Terminal Catalunya, S.A.	3	Gotwald HMK 300 EG	Diesel fuel	104 t	93/98/99
Terminal Catalunya, S.A.	2	Gotwald HMK 280 EG	Diesel fuel	100 t	
Terminal Catalunya, S.A.	2	Gotwald HMK-330	Diesel fuel	104t	
Terminal Port-Nou, S.A	1	Demag MCQ 2000		60 t	2003
Terminal Port-Nou, S.A.	1	Demag MCQ 2000	Diesel fuel	52.5 t	1990
<b>TOTAL</b>	<b>46</b>				

### 2.8.1.3. Number of cranes. Summary

Type	Service	Private	Total
<b>Gantry</b>			
Over 12 t	4	8	12
12 t	3	2	5
6 t	-	4	4
3 t	-	-	-
<b>Total gantry</b>	<b>7</b>	<b>14</b>	<b>21</b>
Bridge cranes (container carriers)	-	24	d
Mobile cranes	-	46	46
Other cranes	-	-	-
<b>TOTAL</b>	<b>7</b>	<b>84</b>	<b>67</b>

### 2.8.2. Special loading and discharge facilities

Location	Owner	Characteristics	Area and capability	Year of construction
01 B Adossat Wharf	Cemex España, SA	Cement depot-silo	8,641.68 m <sup>2</sup> 18,000 m <sup>3</sup>	1991
22 Contradic Wharf (N)	Tramer, SA	Potash loading facilities	13,000 m <sup>2</sup>	1935-41-69
22 Contradic Wharf (E)	Ergransa	Grain and seed receiving station	12,908 m <sup>2</sup> 171,670 m <sup>3</sup>	1963-80
22 Contradic Wharf (S)	Loiret & Haentjens España, SA	Molasses and sugar bulk silos	3,002 m <sup>2</sup> 4,520 m <sup>3</sup>	1991
22 Contradic Wharf (S)	Moyresa	Bulk oilseed products silos	5,395 m <sup>2</sup> 12,305 m <sup>3</sup>	1966
22 Contradic Wharf (S)	Portcemen, SA	Cement and clinker silos	10,675.20 m <sup>2</sup> 72,000 m <sup>3</sup>	1975
22 Contradic Wharf (S)	Sadesa	Bulk oil and fat tanks	6,278 m <sup>2</sup> 33,490 m <sup>3</sup>	1963
23 Oest Wharf	Moyresa	Ground soya bean plant	31,790 m <sup>2</sup>	1979-81
Oest Wharf	CLH, SA	Oil tanks	168,305 m <sup>2</sup> 408,000 m <sup>3</sup>	1929-76

Location	Owner	Characteristics	Area and capability	Year of construction
26 Álvarez de la Campa Wharf	Cargill España, SA	Ground soya bean plant	38,123 m <sup>2</sup>	1979
32 Inflamables Wharf	Decal España, SA	Chemical and oil tanks	95,607 m <sup>2</sup> 445,000 m <sup>3</sup>	33605
32 Inflamables Wharf	Koalagas, SA	Propane gas tanks	12,000 m <sup>2</sup> 4,000 m <sup>3</sup>	1992-01
32 Inflamables Wharf	Terquimsa.	Chemical products tanks	32,231 m <sup>2</sup> 45,600 m <sup>3</sup>	1975 *
32 Inflamables Wharf	Terminales Portuarias, SL	Chemical and oil tanks	154,901 m <sup>2</sup> 273,392 m <sup>3</sup>	1973-80-95-01
32 Inflamables Wharf	Relisa	Bulk oil tanks	16,930 m <sup>2</sup> 98,476 m <sup>3</sup>	1975
32 Inflamables Wharf	Enagas, SA	Discharge and storage of liquefied gases	271,263 m <sup>2</sup> 240,000 m <sup>3</sup>	1969

(\*) Withdrawals throughout the year

### 2.8.3. Mobile rail material

Location	Owner	Characteristics	Power	Year of construction
24 Sud Wharf	RENFE	Shunting engine	234 CV	1997
Can Tunis station	ZEPHIR	Shunting engine	211 CV	1997

### 2.8.4. Auxiliary loading, discharge and transport material

Class of material	Owner / Terminal	No.	Make	Energy used	Characteristics	Year of construction
Weighbridges	Cemex	2	Mettler Toledo		60 t	2002
Fork-lift trucks	Cemex	1	Nissan H02	Diesel fuel		
Fork-lift trucks	Cemex	1	Yale power 095	Diesel fuel		1990
Buckets	Cemex	1	Komatsu L-50	Diesel fuel		2001
Buckets	Cemex	2	Volvo L-70	Diesel fuel		1990
Buckets	Coma y Ribas, S.L.	1	Mecsa	-----	7 m7	1996
Buckets	Coma y Ribas, S.L.	1	Omega	-----	4 m7	1960
Buckets	Coma y Ribas, S.L.	1	Viana	-----	6.5 m7	1985
Trailers	Coma y Ribas, S.L.	6	-----	-----	-----	-----
Hoppers	Coma y Ribas, S.L.	2	-----	-----	35 m7	1988
Fork-lift trucks	Coma y Ribas, S.L.	1	Carterpillar	Diesel fuel	4 t	1996
Buckets	Coma y Ribas, S.L.	3	Mecsa	-----	9.5 m7	1985
Fork-lift trucks	Compañía Trasmediterranea, S.A.	1	Hyster H-15	Diesel fuel	5.5 t	1998
Mafis	Compañía Trasmediterranea, S.A.	4	Sisu	Diesel fuel	45 t	2000
Fork-lift trucks	Compañía Trasmediterranea, S.A.	1	Carterpillar	Diesel fuel	2.5 t	1990
Mafis	Compañía Trasmediterranea, S.A.	4	Douglas	Diesel fuel	45 t	1
Tractor	Compañía Trasmediterranea, S.A.	1	John Deere	Diesel fuel	5 t	2000
Weighbridges	DECAL, SA	2	Magriña	-----	60 t	
Fork-lift trucks	DECAL, SA	1	Nissan	Diesel fuel	2 t	
Fork-lift trucks	Enagas, S.A.	1	Still	Electricity	1.5 t	
Weighbridges	Ergransa, S.A.	2	Mettler Toledo	Electricity	60 t	1999
Excavators	Ergransa, S.A.	2	Bobcat Clark	Diesel fuel	2. t	2003
Excavators	Ergransa, S.A.	1	Bobcat Clark	Diesel fuel	1.6 t	1999
Excavators	Ergransa, S.A.	1	Bobcat Clark	Diesel fuel	1.5 t	1997

Class of material	Owner / Terminal	No.	Make	Energy used	Characteristics	Year of construction
Excavators	Ergransa, S.A.	1	Cat 950	Diesel fuel	3.5 t	1986
Buckets	Ership, S.A.	2	-----	-----	6 m7	
Buckets	Ership, S.A.	2	-----	-----	10 m7	
Fork-lift trucks	Ership, S.A.	1	.....	Diesel fuel		
Fork-lift trucks	Estibadora de Ponent, S.A.	1	Hyster H-620 E	Diesel fuel	15t	1983
Fork-lift trucks	Estibadora de Ponent, S.A.	1	Hyster H-44/16	Diesel fuel	38 t	1970
Reach Stacker	Estibadora de Ponent, S.A.	7	Sisu RSD 4531	Diesel fuel	45 t	1
Mafis	Estibadora de Ponent, S.A.	1	SISU TXT 162 AL	Diesel fuel	32t	2002
Mafis	Estibadora de Ponent, S.A.	5	SISU TR 161	Diesel fuel	25 t	1996
Mafis	Estibadora de Ponent, S.A.	2	KALMAR PT 122		32 t	2004
Fork-lift trucks	Estibadora de Ponent, S.A.	1	Daewo d 18 s	Diesel fuel	1.75 t	1997
Mafis	Estibadora de Ponent, S.A.	3	TERBER	Diesel fuel	30 t	1983
Mafis	Estibadora de Ponent, S.A.	2	Sisu TR 162 AL 4 X4	Diesel fuel	32 t	2001
Fork-lift trucks	Estibadora de Ponent, S.A.	1	Hyster H - 50	Diesel fuel	2.5t	
Conveyor belts	Interlogistica del frío	2	Proconsa	Electricity	10m. 6m.	
Fork-lift trucks	José Llinás e Hijos, S.L.	2	MIC	Electricity	2 t	1
Fork-lift trucks	José Llinás e Hijos, S.L.	1	MITSHUBISHI	Electricity	1.5 t	1994
Fork-lift trucks	José Llinás e Hijos, S.L.	2	NISSAN	Electricity	1.5 t	1998
Fork-lift trucks	José Llinás e Hijos, S.L.	17	NISSAN	Electricity	2.5 t	1
Fork-lift trucks	José Llinás e Hijos, S.L.	9	NISSAN	Diesel fuel	2 t	1
Fork-lift trucks	José Llinás e Hijos, S.L.	1	NISSAN	Diesel fuel	4.5 t	1998
Fork-lift trucks	José Llinás e Hijos, S.L.	1	NISSAN	Diesel fuel	4 t	1995
Fork-lift trucks	José Llinás e Hijos, S.L.	1	NISSAN	Diesel fuel	3 t	1996
Fork-lift trucks	José Llinás e Hijos, S.L.	1	NISSAN	Diesel fuel	2.5 t	1996
Fork-lift trucks	José Llinás e Hijos, S.L.	9	NISSAN	Diesel fuel	1.8 t	1
Fork-lift trucks	José Llinás e Hijos, S.L.	2	NISSAN	Electricity	3 t	1
Fork-lift trucks	José Llinás e Hijos, S.L.	6	KALMAR	Diesel fuel	16 t	1
Fork-lift trucks	José Llinás e Hijos, S.L.	1	KALMAR	Diesel fuel	15 t	1999
Fork-lift trucks	José Llinás e Hijos, S.L.	1	KALMAR	Diesel fuel	12t	2002
Fork-lift trucks	José Llinás e Hijos, S.L.	3	JUNGUEINRICH	Electricity	1.4 t	1
Fork-lift trucks	José Llinás e Hijos, S.L.	4	JUNGUEINRICH	Electricity	1.6 t	0
Fork-lift trucks	José Llinás e Hijos, S.L.	1	Carterpillar	Diesel fuel	2.4 t	1980
Fork-lift trucks	José Llinás e Hijos, S.L.	1	CARER	Electricity	1.6 t	1997
Fork-lift trucks	José Llinás e Hijos, S.L.	3	BT	Electricity	1.4 t	1
Fork-lift trucks	José Llinás e Hijos, S.L.	4	BT	Electricity	1.6 t	1
Fork-lift trucks	José Llinás e Hijos, S.L.	3	BT	Electricity	2 t	1
Fork-lift trucks	José Llinás e Hijos, S.L.	3	ITS	Diesel fuel	2 t	1
Fork-lift trucks	José Llinás e Hijos, S.L.	6	NISSAN	Electric	1.8 t	1
Fork-lift trucks	José Llinás e Hijos, S.L.	1	TCM	Diesel fuel	2.5 t	1999
Fork-lift trucks	José Llinás e Hijos, S.L.	2	TOYOTA	Electricity	1.6 t	1995
Fork-lift trucks	José Llinás e Hijos, S.L.	4	TCM	Diesel fuel	1.5 t	2001
Fork-lift trucks	José Llinás e Hijos, S.L.	1	TOYOTA	Diesel fuel	4 t	1996
Fork-lift trucks	José Llinás e Hijos, S.L.	2	STOCKLIN	Electricity	2.2t	1
Fork-lift trucks	José Llinás e Hijos, S.L.	1	TRACTOR PORT SISU	Diesel fuel	45 t	2001
Trailers	José Llinás e Hijos, S.L.	1	BRETCHA		29 t	1998

Class of material	Owner / Terminal	No.	Make	Energy used	Characteristics	Year of construction
Tractor	José Llinás e Hijos, S.L.	2	VOLVO	Diesel fuel	60 t	1
Tractor	José Llinás e Hijos, S.L.	1	IVECO	Diesel fuel	7 t	1997
Tractor	José Llinás e Hijos, S.L.	3	IVECO	Diesel fuel	45t	1
Tractors	José Llinás e Hijos, S.L.	3	DAF	Diesel fuel	60 t	1
Trailers	José Llinás e Hijos, S.L.	1	FRUHEAUF		36 t	1994
Fork-lift trucks	José Llinás e Hijos, S.L.	1	TOYOTA	Electricity	2.5 t	2002
Fork-lift trucks	José Llinás e Hijos, S.L.	2	TOYOTA	Diesel fuel	2.5 t	1999
Fork-lift trucks	José Llinás e Hijos, S.L.	1	TOYOTA	Diesel fuel	2 t	2000
Fork-lift trucks	José Llinás e Hijos, S.L.	1	TOYOTA	Diesel fuel	1.8 t	1999
Trailers	José Llinás e Hijos, S.L.	1	LECITRAILER		70 t	2000
Trailers	José Llinás e Hijos, S.L.	6	LECIÑENA		51 t	1
Trailers	José Llinás e Hijos, S.L.	1	GONTRAILER		39 t	2001
Trailers	José Llinás e Hijos, S.L.	5	LECIÑENA		35 t	1
Fork-lift trucks	José Llinás e Hijos, S.L.	1	ITS	Diesel fuel	2.5 t	1996
Fork-lift trucks	José Llinás e Hijos, S.L.	1	ITS	Electricity	1.6 t	1997
Fork-lift trucks	José Llinás e Hijos, S.L.	2	SISU	Diesel fuel	45 t	1
Fork-lift trucks	José Llinás e Hijos, S.L.	1	NILFISK ADVANCED	Diesel fuel	1 t	2003
Fork-lift trucks	José Llinás e Hijos, S.L.	1	CLARK	Diesel fuel	7.5 t	2003
Fork-lift trucks	José Llinás e Hijos, S.L.	1	CLARK	Diesel fuel	5.5 t	2003
Fork-lift trucks	José Llinás e Hijos, S.L.	5	BT	Electricity	2.2 T	1
Fork-lift trucks	José Llinás e Hijos, S.L.	9	NISSAN	Diesel fuel	1.5 t	1
Fork-lift trucks	José Llinás e Hijos, S.L.	1	KALMAR	Diesel fuel	28 t	2002
Fork-lift trucks	José Llinás e Hijos, S.L.	4	SAMSUNG	Diesel fuel	7 t	1
Tank Semitrailer	Loiret & Haentjens España, S.A.	2	B.S.L.		21 m7.	
Tank Semitrailer	Loiret & Haentjens España, S.A.	1	B.S.L.		24 m7.	
Fork-lift trucks	Loiret & Haentjens España, S.A.	1	FIAT	Electricity	1.75 t	
Fork-lift trucks	Loiret & Haentjens España, S.A.	1	HYSTER	Electricity	1.5 t	
Excavators	Portcemen, S.A.	1	JCB 416	Diesel fuel	5.4 t	
Cranes	Renfe (Piggy-back transport)	1	Jaso 262	Electricity	40 t	
Locotractor	Renfe (Piggy-back transport)	1	Zephir	Diesel		
Weighbridges	Sadesa	1	MOBBA	Electronics	60 t	
Fork-lift trucks	Sadesa	1	Carterpillar	Diesel fuel	4 t	
Trailers	Sadesa	2	-----	-----	-----	
Fork-lift trucks	TCB, SL	3	Luna	Diesel fuel	40 t	1983
Fork-lift trucks	TCB, SL	2	Hyster	Diesel fuel	25 t	1988
Fork-lift trucks	TCB, SL	2	Fenwick	Diesel fuel	17 t	1989
Fork-lift trucks	TCB, SL	3	Hyster	Diesel fuel	6 t	1983
Fork-lift trucks	TCB, SL	1	Carterpillar	Diesel fuel	4 t	1987
Straddle Carrier	TCB, SL	6	Sisu-Kalmar	Diesel fuel	40 t	2000
Fork-lift trucks	TCB, SL	3	Carterpillar	Diesel fuel	3 t	1987
Fork-lift trucks	TCB, SL	2	Carterpillar	Diesel fuel	2.5 t	1987
Fork-lift trucks	TCB, SL	2	Hyster	Diesel fuel	1.5 t	1983
Trucks	TCB, SL	1	Pegaso	Diesel fuel	-----	1983
Platforms	TCB, SL	2	Fruehauf	-----	-----	1983
Reach Stacker	TCB, SL	1	Sisu	Diesel fuel	45 t	1998
Empty stacker	TCB, SL	2	Sisu	-----	9 t	1998

Class of material	Owner / Terminal	No.	Make	Energy used	Characteristics	Year of construction
Straddle Carrier	TCB, SL	34	Valmet-Sisu	Diesel fuel	40 t	1
Empty stacker	TCB, SL	1	Kalmar	-----	9 t	2002
Empty stacker	TCB, SL	2	Kalmar	Diesel fuel	9 t	2004
Straddle Carrier	TCB, SL	16	kalmar	Diesel fuel	50 t	2004
Fork-lift trucks	Terminal Catalunya, S.A.	2	Carterpillar DP-25	Diesel fuel	2.5 t	
Fork-lift trucks	Terminal Catalunya, S.A.	2	HYSTER H - 2800	Diesel fuel	28 t	
Fork-lift trucks	Terminal Catalunya, S.A.	1	HYSTER P-39		18 t	
Fork-lift trucks	Terminal Catalunya, S.A.	5	Carterpillar V330		16 t	
Fork-lift trucks	Terminal Catalunya, S.A.	5	HYSTERH 16.00XL2		16 t	
Reach Stacker	Terminal Catalunya, S.A.	4	PPM TF C45-R	Diesel fuel	40 t	
Fork-lift trucks	Terminal Catalunya, S.A.	6	HYSTER H2500 XL	Diesel fuel	2.5 t	
Fork-lift trucks	Terminal Catalunya, S.A.	3	LINDE H-80-DO2	Diesel fuel	8 t	
Fork-lift trucks	Terminal Catalunya, S.A.	4	HYSTER H-3200	Diesel fuel	32 t	
Fork-lift trucks	Terminal Catalunya, S.A.	4	HYSTER H-700 - XL	Diesel fuel	7 t	
Fork-lift trucks	Terminal Catalunya, S.A.	5	Carterpillar DP-40	Diesel fuel	4 t	
Mafis	Terminal Catalunya, S.A.	4	SEACOM	----	--	
Fork-lift trucks	Terminal Catalunya, S.A.	1	HYSTER H-4800		48 t	
Fork-lift trucks	Terminal Catalunya, S.A.	1	Toyota	02-6F0F	3	
Excavators	Terminal Catalunya, S.A.	1	CAT 980-F	Diesel fuel	--	
Fork-lift trucks	Terminal Catalunya, S.A.	10	HYSTER H-4.00--XM/	Diesel fuel	4t	
Fork-lift trucks	Terminal Catalunya, S.A.	5	HYSTER H-4.50--XM/5	Diesel fuel	4 t	
Mafis	Terminal Catalunya, S.A.	6	BUISCAR	----	--	
Mafis	Terminal Catalunya, S.A.	16	FABRISEN	----	--	
Fork-lift trucks	Terminal Catalunya, S.A.	1	Carterpillar DP-150		16	
Transtainers	Terminal Catalunya, S.A.	8	Fantuzzi Regienne	Diesel fuel	40 t	
Reach Stacker	Terminal Catalunya, S.A.	7	Fantuzzi 45	Diesel fuel	40 t	
Reach Stacker	Terminal Catalunya, S.A.	10	Terex TFC 45-R	Diesel fuel	40 t	
Transtainers	Terminal Catalunya, S.A.	3	KALMAR	Diesel fuel	40 t	
Fork-lift trucks	Terminal Catalunya, S.A.	4	KALMAR DCE90-45E8	Diesel fuel		
Reach Stacker	Terminal Catalunya, S.A.	6	PPM FCH-77	Diesel fuel	40 t	
Reach Stacker	Terminal Catalunya, S.A.	2	KALMAR DR-420	Diesel fuel	40 t	
Reach Stacker	Terminal Catalunya, S.A.	1	PPM FCH 55	Diesel fuel	40 t	
Excavators	Terminal Catalunya, S.A.	1	CAT- 950	Diesel fuel		
Excavators	Terminal Catalunya, S.A.	1	LIEBHERR L-554	Diesel fuel		
Excavators	Terminal Catalunya, S.A.	1	CAT-966-F	Diesel fuel		
Excavators	Terminal Catalunya, S.A.	1	CAT-950-GWL	Diesel fuel		
Fork-lift trucks	Terminal Catalunya, S.A.	1	KALMAR16-200		16 t	
Tractor	Terminal Catalunya, S.A.	16	Terberg YT80 4 X2	Diesel fuel		
Tractor	Terminal Catalunya, S.A.	6	Terberg YT182	Diesel fuel		



Class of material	Owner / Terminal	No.	Make	Energy used	Characteristics	Year of construction
Tractor	Terminal Catalunya, S.A.	6	Terberg RT220	Diesel fuel		
Fork-lift trucks	Terminal Catalunya, S.A.	1	Carterpillar V620 - B	Diesel fuel	28 t	
Tolva	Terminal Catalunya, S.A.	1				
Fork-lift trucks	Terminal Port-Nou, S.A.	8	Toyota	Diesel fuel	4 t	1
Platforms	Terminal Port-Nou, S.A.	4	Buisca		60 t	1
Fork-lift trucks	Terminal Port-Nou, S.A.	1	Fentuzzi	Diesel fuel	45 t	2001
Reach Steaker	Terminal Port-Nou, S.A.	1	Kalmar	Diesel fuel	32 t	1997
Transtainer	Terminal Port-Nou, S.A.	2	Gommata Ansaldo	Diesel fuel	42 t.	1990
Fork-lift trucks	Terminal Port-Nou, S.A.	3	Hyster	Diesel fuel	7 t	1
Fork-lift trucks	Terminal Port-Nou, S.A.	3	Fiat DI 30 CH	Diesel fuel	3 t	1992
Reach Steaker	Terminal Port-Nou, S.A.	4	Kalmar	Diesel fuel	45 t	1
Mafis	Terminal Port-Nou, S.A.	4	Terberg	Diesel fuel		1
Fork-lift trucks	Terminal Port-Nou, S.A.	1	kalmar RO/RO	Diesel fuel	25 t	2003
Fork-lift trucks	Terminal Port-Nou, S.A.	1	Luna RO/RO	Diesel fuel	25 t	2003
Fork-lift trucks	Terminal Port-Nou, S.A.	2	Hyster	Diesel fuel	16 t	2003
Fork-lift trucks	Terminal Port-Nou, S.A.	1	Hyster	Diesel fuel	14 t	2003
Fork-lift trucks	Terminal Port-Nou, S.A.	2	Nissan	Diesel fuel	7 t	2003
Fork-lift trucks	Terminal Port-Nou, S.A.	3	Hyster	Diesel fuel	6 t	2003
Fork-lift trucks	Terminal Port-Nou, S.A.	1	Toyota	Diesel fuel	3 t	2003
Fork-lift trucks	Terminal Port-Nou, S.A.	8	Hyster	Diesel fuel	3 t	2003
Fork-lift trucks	Terminal Port-Nou, S.A.	2	Carterpillar	Diesel fuel	3 t	2003
Tractor	Terminal Port-Nou, S.A.	1	Sisu	Diesel fuel		2003
Weighbridges	Terminals Port, S.L.	1	Bam-Eergio	Mechanical	250 kg	
Weighbridges	Terminals Port, S.L.	5	Pibernat-Epelsa	Electricity	60 t	
Fork-lift trucks	Terminals Port, S.L.	5	Yale	Diesel fuel	37.5 KW	2004
Fork-lift trucks	Terminals Port, S.L.	1	Still	Diesel fuel	37 KW	1989
Weighbridges	Terminals Port, S.L.	1	Cely	Mechanical	1,500 kg	2000
Weighbridges	Terminals Port, S.L.	1	Epelsa	Electricity	1,800 kg	2000
Weighbridges	Terminals Port, S.L.	2	Bizerba	Electricity	400 kg	2002
Fork-lift trucks	TERQUIMSA	1	Daewoo	Diesel fuel	2.5 t	
Fork-lift trucks	TERQUIMSA	1	Nissan	Diesel fuel	2.5 t	
Weighbridges	Tráfico de Mercancias, S.A	1	Casals	-----	80 t	1975
Weighbridges	Tráfico de Mercancias, S.A	2	Schenck	on belt	1,000 t/H	1
Conveyor belts	Tráfico de Mercancias, S.A	25	various	Electricity	1,300 m.	1
Loading bridge	Tráfico de Mercancias, S.A	2	M.I.T.	Electricity	500/1000 t/H	1
Scraper	Tráfico de Mercancias, S.A	1	AMECO	Electricity	600 t/h	1975
Straddle Carrier	Ute Unio Llevant , Transp. Mar.Alcudia	3	Valmet	Diesel fuel	40 t	1996
Straddle Carrier	Ute Unio Llevant , Transp. Mar.Alcudia	1	Sisu	Diesel fuel	40 t	1997
Straddle Carrier	Ute Unio Llevant , Transp. Mar.Alcudia	4	Fantuzzi	Diesel fuel	45 t	1
Mafis	Ute Unio Llevant , Transp. Mar.Alcudia	5	Terberg	Diesel fuel		1989
Platforms	Ute Unio Llevant , Transp. Mar.Alcudia	4	Buisca	Diesel fuel		
Fork-lift trucks	Ute Unio Llevant , Transp. Mar.Alcudia	1	Carterpillar	Diesel fuel	7 t	

Class of material	Owner / Terminal	No.	Make	Energy used	Characteristics	Year of construction
Fork-lift trucks	Ute Unio Llevant , Transp. Mar.Alcudia	1	Toyota	Diesel fuel		
Mafis	Ute Unio Llevant , Transp. Mar.Alcudia	4	Kalmar	Diesel fuel	40 t	
Platforms	Ute Unio Llevant , Transp. Mar.Alcudia	1	Haulotte	Diesel fuel		

## 2.9. Floating material

### 2.9.1. Dredgers

(none)

### 2.9.2. Tugboats

Name	Owner	Energy used	Power (BHP)	Length (m)	Width (m)	Depth (m)	Draught	Year of construction
Montjoi	Remolc. de Barcelona, SA	Diesel fuel	4,004	27	9.70	3.90	45 t	1995
Montsacopa	Remolc. de Barcelona, SA	Diesel fuel	4,004	27.00	9.70	3.90	45 t	1998
Montoriol	Remolc. de Barcelona, SA	Diesel fuel	4,004	27.00	9.70	3.90	45 t	2002
Montfred	Remolc. de Barcelona, SA	Diesel fuel	4,004	27.00	9.70	3.90	45 t	2002
Montgat	Remolc. de Barcelona, SA	Diesel fuel	2,750	28.82	8.70	4.80	43 t	1993
Montnegre	Remolc. de Barcelona, SA	Diesel fuel	1,650	26.40	7.50	3.10	23 t	1989
Joan Miró	SAR Remolcadores, SL	Diesel fuel	2,725	28.85	8.70	4.80	43 t	1992
Joaquim Ruira	SAR Remolcadores, SL	Diesel fuel	4,004	27.00	9.70	3.90	46 t	1995
Pau Casals	SAR Remolcadores, SL	Diesel fuel	4,004	27.00	9.70	3.90	46 t	1998

### 2.9.3. Sludge lighters, lighters and barges

Name	Owner	Characteristics	Year of construction
GANGUIL NUMERO UNO	Port-Sub, SL	sludge lighter	1969
LASPAS 180	Port-Sub, SL	pontoon	1968

## 2.9.4. Floating cranes

(None)

## 2.9.5. Other auxiliary service means

Name	Owner	Characteristics	Year of construction
Neptuno	APB	Floating waste collector	1980
Corb Marí I	APB	Floating waste collector	1996
Corb Marí II	APB	Floating waste collector	1996
Blavet	APB	Floating waste collector	1998
Xatrac	APB	Floating waste collector	1998
Pedro de Alvarado	APB	Sounding and miscellaneous services	1964
APB BOMBERS BCN	APB	Underwater fire brigade for maritime rescue	2000
Porta d'Aigua	APB	Authorities and visitors	1992
Cemesa 1	CEMESA	Mooring launch	2000
Cemesa 2	CEMESA	Mooring launch	2000
Cemesa 3	CEMESA	Mooring launch	1993
Cemesa 4	CEMESA	Mooring launch	2003
Arañon	CEMESA	Towboat	1960
Pelican 69	ECOLMARE	Floating waste collector	1980
Blanca Neus	LAUNCHES AND BERTHS	Auxiliary port services	1969
Banca Neus II	LAUNCHES AND BERTHS	Auxiliary port services	1984
Garriga Uno	LAUNCHES AND BERTHS	Auxiliary port services	2000
Garriga Dos	LAUNCHES AND BERTHS	Auxiliary port services	2000
Barcelona Dosmil	LAUNCHES AND BERTHS	Auxiliary port services	1994
III Raimunda	SERVICIOS FLOTANTES	Marpol 5 Collection	1957
Foix	SERVICIOS FLOTANTES	Marpol 5 Collection	1968
Marpol-V	SERVICIOS FLOTANTES	Marpol 5 Collection	2002
Ghibli	SPRA, S.A.	Auxiliary antipollution and fire-fighting service launch	1975
Caperol	SPRA, S.A.	Auxiliary service launch	1976
Lucaya III	SPRA, S.A.	Staff transport launch	1962
Lucaya V	SPRA, S.A.	Staff transport launch	1992
La Restinga	SPRA, S.A.	Staff transport launch	1992
Barcaza B0	SPRA, S.A.	Tank vessel	1968
Marpol SPRA	SPRA, S.A.	Marpol 1 Collection	2002

## 2.10. Brief description of facilities for specific traffic types

### Containers and general cargo terminals

#### Loading for external navigation

In the Sud Wharf we find the public container terminal, a concession granted to TCB, SL. It currently occupies an area of 46.0 hectares and has two berthing lines, one on the north face 350 m long and with a 12 m draught and another on the east face 1,012 m long and with a draught of between 14 and 16 m. This terminal has 9 container lifting cranes, 4 of which are of the post-panamax type.

On 29 Príncipe d'Espanya Wharf, the Terminal Catalunya, SA firm holds the concession of a multi-purpose terminal, with a surface area of 35.1 hectares, a berthing line of 1,653 m and a draught of between 8.7 and 14 m. The terminal has two RO-RO ramps and covered warehouses with an area of 22,545 m<sup>2</sup>. Likewise, the company owns 7 container lifting cranes, all of the post-panamax type.

On 01 Adossat, 20 Ponent and 21 Costa wharves, there are two multipurpose terminals operated by UTE Unió Term. Est. Llevant - T M Alcodia and Terminal Port-Nou, SA, respectively. Together, these terminals occupy an area of 15 has, with a draught of up to 16 m and a berthing line of 2,150 m. All in all, they have 7 RO-RO ramps and a covered warehouse area of 19,400 m<sup>2</sup>. The UTE has 3 container lifting cranes and 1 crane in Terminal Port-Nou, SA and has another on the Ponent Wharf.

In wharves 26 Álvarez de la Campa and 27 Lepant (berths No. 2 and 3 is the area occupied by the company Estibadora de Ponent, SA for the handling of containers. This installation has an authorised area of 52,252 m<sup>2</sup> and 48,300 m<sup>2</sup>, respectively, on each Wharf, with draughts of between 6.5 m and 11.8 m and a 870 m berthing line with three RO-RO berths. Likewise, it has 4 28 t Portal type cranes and 4 container lifting cranes of 33.5 to 41 t. Apart from SSS traffic, this terminal also handles exterior traffic with origin/destination in North Africa.

On the Sant Bertran Wharf, the company Cía. Tramediterránea, SA has an authorised area of 34,995 m<sup>2</sup> for the handling of containerised goods.

#### **Car terminals**

On 30 Dàrsena Sud and 31 Dàrsena Interior wharves there are the two automobile terminals: Autoterminal, SA and Setram SA. The berthing line of these wharves is 850 m, with a maximum draught of 12 m and has four RO-RO berths.

Autoterminal has an area under concession of 29.2 has, with two vertical silos allowing it to increase its storage area by 254,000 m<sup>2</sup>. The terminal has a capacity for 41,500 vehicles of which 21,500 correspond to uncovered places and the remaining 20,000 to covered places. It also has a vehicle personalisation centre and protection-removing tunnel.

Setram operates an area under concession of 8.7 has and has a vertical storage area, which it shares with Autoterminal and which allows it to increase its area by 88,700 m<sup>2</sup>. The terminal has a capacity of 10,000 vehicles, of which 4,000 correspond to covered places.

#### **Bulk grain and seed terminal**

22B Contradic Est wharf is home to the Ergransa terminal, specialised in the reception of bulk grains and seeds. It has multicellular silos with capacity for 170,000 t. At the terminal there is a pneumatic discharge operational capacity of 900 t/h.

#### **Terminals for milling soya beans**

26B Álvarez de la Campa and 23B West wharves house the Cargill España, SA and Moyresa industries, specialised in the traffic of soyabeans. They have milling plants with a capacity of 1,400,000 t.

#### **Bulk cement reception and embarking terminal**

On 22C Contradic, 26B Álvarez de la Campa and 01 Adossat wharves there are the cement terminals, Portcemen, SA and CEMEX, SA. These terminals have silos with capacity for 104,800 t.

#### **Potash loading terminal**

On 22A Contradic Nord wharf we can find Tramer SA, a terminal dedicated to the loading of potash. It has a maximum storage capacity of 80,000 t and is equipped with two gantry cranes with a capacity of between 400 and 700 t/hour.

#### **Terminals for the loading, unloading and storage of liquified gases and liquid bulk**

The Port of Barcelona houses the following specialised terminals in this segment of traffic: Enagas, SA (natural gas), Relisa (oils), Tepsa (chemicals and refined petroleum), Terquimsa (liquid chemicals), Decal (chemicals and refined petroleum), CLH, SA (refined petroleum), Sadesa (oils), Demagrisa (oils) and Loiret & Haëntjens Esp., SA (molasses). and CLH, SA (refined petroleum). These terminals are located on 32 Inflamables, 19 Sant Bertran, 22 Contradic and Tram IV wharves. They occupy a total area of 65.5 hectares with an exclusive berthing line of 2,390 m and a maximum draught of 12 m. The total storage capacity is 1,650,000 m<sup>3</sup>.

#### **Fruit terminal**

20C Ponent wharf houses the Barcelona Fruit Terminal. It has 5,556 m<sup>2</sup> of refrigerated warehouse space, with three independent temperature controls, simultaneous storage of up to 6,000 pallets, computerised bar code control system and a loading platform which can accommodate up to 150 lorries per day.

#### **Coffee and cocoa terminal**

On 26 Álvarez de la Campa wharf is the BIT SA terminal, with an area of 11,000 m<sup>2</sup> and a storage capacity for coffee and cocoa of 14,000 t. The terminal is under duty-free control and is type approved by the LIFFE (London International Financial Futures and Options Exchange), necessary for the delivery and auctioning of coffee.

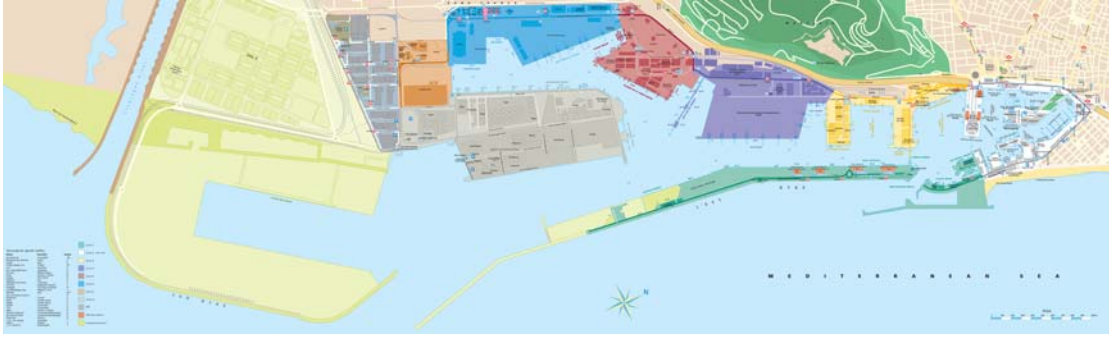
#### **Non-Ferrous Metals Terminal**

30 Dàrsena Sud wharve we can find the non-ferrous metals terminal, Barcelona Metals, SA, specialised in the handling, storage and distribution of metals and their alloys: aluminium, copper, nickel, lead, tin and zinc. Type approved by the London Metals Exchange (LME)

#### **Refrigerated warehouse**

19 Sant Bertran Wharf houses Interlogística del Frio. The terminal has a cold storage facility of 8,609 m<sup>2</sup> for the storage capacity of 75,000 m<sup>3</sup>, and a freezing tunnel. This terminal is type-approved for intracommunity storage.

## 2.11. General map of Port





### **3 Authorised private-sector construction works and activities**

**Although the land itself is owned by the public sector, most of this is leased out through a number of legal deeds to private companies, which render port services. This chapter first contains a list of all the spaces, organised by wharf, which were leased out to private companies before the onset of 2004, with specific details as to size, functional use, the date on which authorisation was granted and the levy paid to the Barcelona Port Authority.**

**Following that there is a list of all the construction works and activities authorised in 2004.**

## **Introduction**

**3.1. Authorised before 2004 and currently in force**

**3.2. Authorised in 2004**

### 3 Authorised private-sector construction works and activities

#### 3.1. Authorised before 2004 and currently in force

No.	Designation	Area m2	Initial date of authorisation	Holder	Amount occupation plus TSG
<b>EST SEAWALL</b>					
1	Controlled rod-fishing area	97.50	APB 30-May-94	SDAD. PESCADORES DEP. DE MAR	1,477 *
2	Drinking water network Est Seawall - C/ Escar	6,342.00 m.l.	APB 26-Feb.-97	AIGÜES DE BARCELONA, SA	-
<b>ADOSSAT</b>					
3	Construction of a silo and installation of a cement factory	8,640.68	APB 30-Oct.-02	CEMEX ESPAÑA, SA	153,083
4	Construction of a heliport	4,229.19	APB 28-May-03	CAT HELICOPTERS, SL	45,445
5	Passenger terminals A and B	10,737.00	APB 28-May-03	CREUERS DEL PORT BCN, SL	221,072
6	Multipurpose terminal	97,674.00	APB 29-Oct.-03	UTE UNIÓ TERM. EST. LLEVANT T.M. ALCUDIA	997,002
<b>LLEVANT</b>					
7	Warehouse	1,052.00	APB 24-Apr.-95	HÉLICES Y SUMINISTROS NAVALES, SL	28,596
8	Part of warehouse for a workshop	462.00	APB 27-May-91	INGENIERÍAS TÉCNICAS PORTUARIAS	4,087
9	Ship building and repairs	6,939.30	APB 30-Apr.-03	NORTH WIND YARD, SL	99,973
<b>CATALUNYA I OCCIDENTAL</b>					
10	Vessel repairing area and facilities	31,013.00	OM 30-Oct.-72	UNION NAVAL DE BARCELONA	212,837
<b>NEW</b>					
11	Building and facilities	13,704.00	OM 20-Feb.-67	CLUB NATACIÓ BARCELONA	58,496
12	New sports facilities	6,220.00	APB 25-June-97	CLUB NATACIÓ BARCELONA	54,315
13	Vessel repair technical area	34,025.83	APB 30-Oct.-89	MARINA BARCELONA 92, SA	288,129
	Water sheet surface	877.55			1,817
14	Vessel-painting building	2,094.20	APB 25-Apr.-94	MARINA BARCELONA 92, SA	4,946
15	Municipal sports complex	8,911.40	APB 3-Feb.-93	C.N. ATLÉTIC BARCELONETA	21,721
16	Part of the old OTP building	3,961.66	APB 30-May-01	G.U. PORT 2000	-
17	Industrial premises	733.00	APB 28-Nov.-01	CONSORCI EL FAR	exempt
18	Installation and operation of a car park		APB 17-Jul.-02	CAR PARK CN ATLÉTIC BARCELONETA	
	Underground area	11,448.76			59,925
	Open air area	342.45			4,302
<b>BALEARS</b>					
19	Fuel supply to fishing vessels:		APB 15-Feb.-95	REPSOL CIAL. PROD. PETROLÍFEROS,SA	
	Tanks	101.00			488
	Pipelines	80.00 l. m.			386
	Petrol pumps	4.00			46
	Local	16.00			185
<b>RELOTGE</b>					
20	Marina for sports vessels:	2,757.07	APB 05-Nov.-90	MARINA PORT-VELL, SA	42,418
21	Maritime Trade school (support building)	2,471.14	APB 15-Feb.-95	CONSORCI EL FAR	exempt
22	Projects linked to the UPC (support building)	593.17	APB 25-June-98	UNIV. POLITÈCNICA DE CATALUNYA	exempt
<b>BARCELONETA</b>					
23	Car park pg. Joan de Borbó	14,678.54	APB 30-Oct.-89	CINTRA APARCAMIENTOS, SA	113,700
<b>DIPÒSIT</b>					
24	Building	295.00	OM 29-Apr.-67	COL. OF. PES. I MES. PÚBLICS	3,779
25	Part of "Palau del Mar" building	15,594.00	APB 30-Oct.-89	PÒRTIC DE MAR, SA	342,805
26	Palau del Mar (History Museum)	10,006.00	APB 30-March-95	GENERALITAT DE CATALUNYA	25,076
<b>ESPANYA</b>					
27	Sports buildings and facilities	20,463.60	OM 25-March-68	REIAL CLUB MARÍTIM	31,921
28	Sports buildings and facilities	1,780.00	OM 21-Feb.-67	REIAL CLUB NÀUTIC	10,991
29	"L'Aquàrium" maritime centre	6,664.00	APB 30-Sept.-92	ACUARIOS OCEANWORLD, SL	117,088
30	"L'Aquàrium" maritime centre		APB 27-March-96	ACUARIOS OCEANWORLD, SL	



No.	Designation	Area m2	Initial date of authorisation	Holder	Amount occupation plus TSG
	Land	19.23			329
	Sea water transport for aquarium (Buried pipe)	607.00 l. m.			4,332
	(Submerged pipe)	520.00 l. m.			508
31	Shopping Centre:		APB 6-Dec.-89	ODISEA 2000, SL	
	Shop. Centre Maremágnum	10,950.00			170,322
	Underground Carpark shop. centre.	11,939.00			77,377
	Multiscreen cinemas	3,182.00			49,495 *
32	Cinema	2,254.00	APB 25-Feb.-91	TEATRE IMAX BARCELONA, SA	36,235
31	Area for terraces	1,076.00	APB 24-Apr.-95	TEATRE IMAX BARCELONA, SA	18,906
33	Drinking water network (Sector A-B Port Vell)	2,996 l. m.	APB 27-Oct.-95	AIGÜES DE BARCELONA, SA	-
<b>BOSCH I ALSINA</b>					
34	Underground carpark	8,145.00	APB 25-Jan.-86	BARCELONA SERVEIS MUNICIPALS, SA	25,883
<b>BARCELONA</b>					
35	World Trade Center Barcelona:		APB 23-Apr.-90	WORLD TRADE CENTER BARCELONA, SA	
	Built-on area	17,269.05			257,319
	Underground area	20,366.84			126,449
	1st Floor Passenger Terminal area	737.00			4,576
36	North and South Passenger Terminal, WTCB		APB 28-Jul.-99	CREUERS DEL PORT DE BARCELONA, SA	
	Land	3,868.74			48,039
	Underground area	634.18			3,937
<b>SANT BERTRAN</b>					
37	Passenger terminal	34,995.51	APB 14-Feb.-96	Cía. TRASMEDITERRÁNEA, SA	350,494
38	Area of depot no. 3 3	4,800.00	APB 25-March-91	PROVIMAR	98,204
39	Site for cold stores	7,973.46	OM 31-May-60	INTERLOGISTICA DEL FRIO, SA	85,245
40	"Apostolado del Mar" building	900.00	APB 18-March-91	ARQUEBISBAT DE BARCELONA	exempt
41	Drinking water network (sectors 6 and 7)	8,494.00 l. m.	APB 26-May-99	AIGÜES DE BARCELONA, SA	-
<b>PONENT</b>					
42	Perishable goods terminal	5,556.00	APB 27-May-91	TERMINAL PORT-NOU, SA	41,041 *
43	Multipurpose terminal:	74,217.31	APB 28-Jul.-99	TERMINAL PORT-NOU, SA	633,446
<b>CONTRADIC</b>					
44	Potash warehouse and wagon tippler	4,663.00	OM 8-May-58	TRAMER, SA	46,702
45	Potassium salt distributing tank	3,048.00	RO 20-Nov.-30	TRAMER, SA	30,527
46	Wagon tippler	253.00	OM 16-Nov.-59	TRAMER, SA	2,534
47	Salt warehouse	2,200.00	OM 23-Jan.-69	TRAMER, SA	22,034
48	Distributing warehouse and loading/unloading facilities	2,836.00	RO 16-Jan.-26	TRAMER, SA	28,404
49	Grain silo "A"	2,970.00	OM 22-Dec.-61	ERGRANSA	31,421
51	Truck loading and unloading station	164.00	OM 21-March-70	ERGRANSA	1,816
52	Silos B and C	4,440.00	OM 8-Feb.-78	ERGRANSA	46,973
53	Agrifood bulks warehouse	5,334.37	APB 30-Oct.-95	ERGRANSA	56,435
54	Terminal for oils and similar goods		APB 14-Feb.-96	MOYRESA	
	Land	5,395.00			68,512
	Pipes	455.00 l. m.			2,511
55	Terminal for oils and similar goods		OM 22-Feb.-63	SADESA	
	Land	6,278.00			62,800
	Pipes	90.00 l. m.			450
56	Bar	95.87	APB 18-Sept.-02	MARIBEL ROVIRA HERREROS	1,030
57	Vessel loading facilities	10,675.20	APB 13-Dec.-00	PORTCEMEN, SA	132,556
	Use of facilities	-			227,363
58	Molasses warehouse		APB 25-Feb.-91	LOIRET & HAENTJENS ESPAÑA, SA	
	Land	3,002.00			29,877

No.	Designation	Area m2	Initial date of authorisation	Holder	Amount occupation plus TSG
	Pipelines	140.00 l. m.			784
<b>OEST</b>					
59	Cargo station	5,481.00	OM 22-Feb.-22	FERROCARRILS GEN. CATALUNYA	25,623
60	Shed	30.00	OM 13-May-58	FERROCARRILS GEN. CATALUNYA	140
61	Site	31,790.00	OM 13-Apr.-77	MOYRESA	260,346
<b>SUD</b>					
62	Public Container Terminal	461,282.00	APB 24-Feb.-92	TCB, SL	2,978,484
63	Siding	387.69	RO 15-Jan.-31	CLH, SA	2,723
64	Site	635.00	OM 19-Feb.-46	CLH, SA	4,460
65	Site	10,317.62	OM 1-Dec.-62	CLH, SA	72,471
66	Site	73,080.00	OM 28-Jul.-67	CLH, SA	513,312
67	BAPRAT oil pipeline	2,175.00 l. m.	APB 23-Feb.-00	CLH, SA	6,481
<b>JETTY</b>					
68	Jetty for berthing vessels	9,627.20	OM 24-June-66	CLH, SA	24,126
<b>ÀLVAREZ DE LA CAMPA</b>					
69	Soya oil extraction plant	38,123.00	OM 23-Jan.-76	CARGILL ESPAÑA, SA	178,160
70	Cement silos	1,276.00	OM 17-Sept.-68	CEMEX ESPAÑA, SA	10,050 *
71	Service station	3,024.00	APB 28-Jan.-91	AGIP ESPAÑA, SA	35,046
72	60 T. Weighbridge facility	200.00	APB 25-Apr.-94	COL. OF. PESADORS I MES. PÚBLICS	1,769
<b>EV. FERNANDEZ</b>					
73	Container depot facility	65,200.00	APB 26-Jan.-00	MAGATZ. DE DIPÒSIT MARTAINER, SA	538,685
74	Site for container stocking and repairs	68,006.00	APB 29-Jul.-98	PROGECO, SA	561,868
75	Site	1,811.22	APB 23-Jul.-01	REMOLCADORS BCN, SA	16,012
76	Site	1,455.78	APB 23-Jul.-01	SAR REMOLCADORS, SA	12,869
<b>TRAM V</b>					
77	Offices	263.97	APB 10-Nov.-01	SOC. ESTATAL D'ESTIBA I DESESTIBA	2,335
<b>PRÍNCIP D'ESPANYA</b>					
78	Multipurpose terminal:	323,270.00	APB 8-Jul.-98	TERMINAL CATALUNYA, SA	2,227,390
79	Laboratory: Laboratory	593.62	APB 28-Oct.-98	SGS ESPAÑOLA DE CONTROL, SA	23,155
<b>TRAM VI</b>					
80	Site and premises	24,920.60	APB 30 Apr. 03	TRANS-CATALA, SA	319,218
81	Site	12,772.32	APB 31-Oct.-01	LOGISTICA DE TIERRA, SL	173,382
82	Storage warehouse	32,300.35	APB 23-Jul.-97	DAMEX, SA	428,937
83	Salt warehouse	7,305.00	APB 30-Sept.-98	SAL COSTA, SA	57,937
84	Operation of a social welfare centre	1,090.14	APB 25-Oct.-00	SOC. ESTATAL D'ESTIBA I DESESTIBA	8,646
85	Site for workshop	4,836.00	OM 20-Sept.-77	SETRAM, SA	38,355
86	Quarantine kennel and laboratory	3,606.40	OM 3-March-72	GENERALITAT DE CATALUNYA	13,277
87	Drinking water supplies (sector 5)	3,764.00 l. m.	APB 27-Oct.-95	AIGÜES DE BARCELONA, SA	-
<b>DÀRSENA SUD</b>					
88	Car terminal	291,977.00	APB 27-Nov.-89	AUTOTERMINAL, SA	1,689,812
89	Car terminal	84,387.43	APB 25-Nov.-92	SETRAM, SA	581,923
<b>ZONA SUD</b>					
90	Industrial premises in Y street	12,094.00	APB 8-Oct.-90	CONTENOSA	106,985
91	Site	10,000.00	APB 17-Dec.-03	HIANSA, SA	73,024
92	Site	6,931.97	APB 24-Jul.-02	HORMIGONES UNILAND, SA	61,321
93	Service station	5,250.00	APB 28-Jan.-91	AGIP ESPAÑA, SA	55,520
94	Industrial premises	4,926.00	APB 26-Feb.-91	MINIS. HISENDA (CUSTOMS)	-
95	Industrial packaging facility	10,207.00	APB 27-May-91	SERVEIS RECIPE (TM2)	156,105
<b>INFLAMABLES</b>					
96	Tankwashing area	10,992.70	APB 25-June-98	LAVADEROS DE CISTERNAS, SA	97,243
97	Site for hydrocarbons and derivatives storage facility	107,607.40	APB 03-Oct.-88	DECAL ESPAÑA, SA	824,021
98	Chemical products terminal	32,231.00	OM 04-Oct.-73	TERMINALES QUÍMICOS, SA	243,732

No.	Designation	Area m2	Initial date of authorisation	Holder	Amount occupation plus TSG
99	Chemical products terminal	37,740.00	OM 15-June-71	TERMINALES PORTUARIAS, SL	288,781
100	Chemical products terminal	56,129.00	OM 27-Jul.-71	TERMINALES PORTUARIAS, SL	432,635
101	Petroleum products terminal	61,032.00	APB 15-Feb.-95	TERMINALES PORTUARIAS, SL	470,427
102	Site for liquid product warehouse	16,930.37	OM 17-Sept.-73	RECEPTORA DE LÍQUIDOS, SL	126,949
103	Regassing plant		OM 24-Feb.-65	ENAGAS, SA	1,441,386
	Filled land	139,505.00			474,253
	Land	130,247.00			885,560
	Pipelines and overhead pipes	6,916.00			47,022
	Water sheet surface	1422,3			34,551
104	Site for treatment of waste		APB 27-May-91	ECOLOGICA IBERICA Y MEDITERRANEA	
	Land	12,887.10			113,837
	Overhead rack	59.76			220
105	Gas pipeline		APB 30-June-99	ENAGAS, SA	
	Undersea gas pipeline	11,770.00 l. m.			1,328
	Under water gas pipeline (terrestrial part)	1,050.00 l. m.			3,634
106	Drinking water supplies (sector 4)	3,515.00 l. m.	APB 23-Jul.-97	AIGÜES DE BARCELONA, SA	-
<b>LAYING OF PIPES</b>					
107	Pipes	1,946.00 l. m.	APB 3-Oct.-88	DECAL ESPAÑA, SA	14,902
108	Pipes	2,365.00 l. m.	APB 3-Oct.-88	DECAL ESPAÑA, SA	18,110
109	Pipes	851.00 l. m.	APB 31-Jan.-89	TERMINALES QUÍMICOS, SA	6,435
110	Pipes	2,392.00 l. m.	JP 12-Dec.-74	TERMINALES PORTUARIAS, SL	9,767
111	Pipes	1,053.00 l. m.	APB 1-Jan.-91	RECEPTORA DE LÍQUIDOS, SL	7,896
112	Gas pipeline sections	3,049.00 l. m.	APB 25-April-01	ENAGAS, SA	10,833
113	Gas pipeline	2,300.00 l. m.	APB 26-May-99	ENAGAS, SA	9,107
114	Pipes	1,737.00 l. m.	APB 26-June-96	GAS NATURAL SDG, SA	6,896
115	Pipes	4,317.00	APB 27-Nov.-02	GESTORA CONCESION PUERTO BCN AIE	14,467
<b>NOU CONTRADIC</b>					
116	Area for a terminal park	421,861.00	APB 26-June-96	MUELLES Y ESPACIOS PORTUARIOS, SA	1,103,459
<b>ZAL ( phase 1)</b>					
117	Block A.1	59,570.47	APB 27-Apr.-92	CENTRO INTERMODAL LOGÍSTICA, SA	365,232
118	Block A.2	46,315.00	APB 27-Apr.-92	CENTRO INTERMODAL LOGÍSTICA, SA	283,962
119	Block A.3	51,589.00	APB 27-Apr.-92	CENTRO INTERMODAL LOGÍSTICA, SA	316,297
120	Block A.4.2	38,574.00	APB 27-Apr.-92	CENTRO INTERMODAL LOGÍSTICA, SA	236,501
121	Block A.5	48,120.00	APB 27-Apr.-92	CENTRO INTERMODAL LOGÍSTICA, SA	295,028
122	Block A.6 (bar restaurant)	1,329.00	APB 29-Nov.-93	CENTRO INTERMODAL LOGÍSTICA, SA	8,148
123	Block A.7	47,618.00	APB 27-Apr.-92	CENTRO INTERMODAL LOGÍSTICA, SA	291,951
124	Block A.8	88,197.00	APB 27-Apr.-92	CENTRO INTERMODAL LOGÍSTICA, SA	540,744
119	Service Center building Site	42,973.00	APB 27-Apr.-92	CENTRO INTERMODAL LOGÍSTICA, SA	263,472
<b>OTHER</b>					
128	Site	492.14	APB 29-May-02	AJUNTAMENT DE CADAQUÉS	-
129	Reef park	10,455.93	APB 18-Dec.-02	AJUNTAMENT DE BARCELONA	-
0	Site	238.47	APB 18-Dec.-02	AJUNTAMENT DE TOSSA DE MAR	-
0	Site	233.62	APB 18-Dec.-02	AJUNTAMENT DE PALAFRUGELL	-
(*) Withdrawals throughout the year					

### 3.2. Authorised in 2004

No.	Designation	Date of authorisation	Holder	Levy Euros/m2/year	Annual amount (Euros)
1	Application of the period of the concession and completion of works	APB 25-Feb-2004	LOGISTICA DE TIERRA, SL	11.24	173,382.36
2	Authorisation for the construction of a new vehicle storage silo in land on its concession	APB 28-sep-04	AUTOTERMINAL, SA	18.06	4,427.70
3	Granting of an administrative concession of 2,684.69 m <sup>2</sup> of industrial premises Nos 5 and part of No. 6 of warehouse No. 3 of the Sant Bertran Wharf	APB 14-Oct-04	CISAM, SL	31.92	85,687.25



#### **4 Traffic statistics**

**This chapter contains an extensive description of the traffic of the Port of Barcelona. These statistics show movements of passengers, number of ships that have entered the port - classified according to size, flag and type - and the goods traffic in 2004. Note that point 4.7 contains specific information on containerised traffic and point 4.8 provides a summary of all of the traffic in the Port of Barcelona.**

## **Introduction**

### **4.1. Passenger traffic**

#### **4.1.1. Passengers**

##### **4.1.1.1. Number of passengers**

##### **4.1.1.2. Domestic passenger traffic, number. Ports of origin and destination**

#### **4.1.2. Cars with passengers. Number of units**

### **4.2. Ships**

#### **4.2.1. Merchant vessels**

##### **4.2.1.1. Distribution by tonnage**

##### **4.2.1.2. Distribution by flags**

##### **4.2.1.3. Distribution type of vessel**

#### **4.2.2. Warships**

#### **4.2.3. Fishing vessels**

#### **4.2.4. Pleasure craft**

#### **4.2.5. Vessels entered for breaking**

#### **4.2.6. Other craft**

### **4.3. Goods**

#### **4.3.1. Handled by wharves and service berths**

#### **4.3.2. Handled on private wharves and berths**

#### **4.3.3. Unloaded and loaded during the year**

#### **4.3.4. Total cargo by nationality of ports of origin and destination**

#### **4.3.5. Transshipped cargo**

#### **4.3.6. Roll-on / Roll-off traffic**

##### **4.3.6.1 Summary of roll-on/roll-off traffic**

##### **4.3.6.2 Units of roll-on/roll-off intermodal (UTI) transport**

##### **4.3.6.3 Units of vehicles in cargo regime**

#### **4.3.7. Classification of cargo**

##### **4.3.7.1 Classification by type**

##### **4.3.7.2 Classification by type and presentation**

##### **4.3.7.3 Classification of goods in transit by type**

##### **4.3.7.4 Classification of goods by NST-2000**

### **4.4. Local or river traffic**

### **4.5. Ship supplies**

### **4.6. Fish catches**

### **4.7. Container traffic**

#### **4.7.1. 20-foot containers**

#### **4.7.2. Containers over 20 foot**

#### **4.7.3. Total containers of 20 foot and over**

#### **4.7.4. Total containers of 20 foot and over in transit**

#### **4.7.5. Total 20 foot equivalent containers (TEUS)**

#### **4.7.6. 20 foot equivalent containers (TEUS) in transit**

#### **4.7.7. Goods transported in containers classified by type**

### **4.8. General summary of maritime traffic**

#### **4.8.1. General table number 1**

**4.8.2. General table number 2 (Including local traffic, supplies and fishing)**

**4.8.3. General table number 3**

**4.9. Land traffic**

## 4 Traffic statistics

### 4.1. Passenger traffic

#### 4.1.1. Passengers

##### 4.1.1.1. Number of passengers

		Short Sea Shipping	Exterior	Total	Interior
REGULAR LINE	Embarked	393,655	82,572	<b>476,227</b>	
	Disembarked	370,868	99,693	<b>470,561</b>	
	<b>Total</b>	<b>764,523</b>	<b>182,265</b>	<b>946,788</b>	
CRUISE	Start of the line			<b>280,294</b>	
	End of the line			<b>278,914</b>	
	In transit			<b>462,197</b>	

##### 4.1.1.2. Domestic passenger traffic, number. Ports of origin and destination

Port of origin or destination	Short Sea Shipping		Exterior		Total
	Embarked	Disembarked	Embarked	Disembarked	
ALCUDIA	4,346	4,038			<b>8,384</b>
BARCELONA	1,080	366			<b>1,446</b>
CIUDADELA	33,776	33,554			<b>67,330</b>
IBIZA	43,146	60,630			<b>103,776</b>
MAHON	56,410	53,695			<b>110,105</b>
PALMA DE MAJORCA	221,349	187,456			<b>408,805</b>
SAN ANTONIO	33,548	31,129			<b>64,677</b>
<b>SUBTOTAL</b>	<b>393,655</b>	<b>370,868</b>			<b>764,523</b>
CIVITAVECCHIA			26,612	28,948	<b>55,560</b>
GENOA			46,417	61,102	<b>107,519</b>
<b>SUBTOTAL</b>			<b>73,029</b>	<b>90,050</b>	<b>163,079</b>
OTHER			9,543	9,643	<b>19,186</b>
<b>TOTAL</b>	<b>33,548</b>	<b>31,129</b>	<b>119,446</b>	<b>151,152</b>	<b>335,275</b>



#### 4.1.2. Cars with passengers. Number of units

Sailing type	Vehicle type	Embarked	Disembarked	Total
SHORT SEA SHIPPING	MOTORCYCLES	7,630	7,585	15,215
	CARS	81,715	75,966	157,681
	VANS**			
	BUSES	503	583	1,086
	<b>TOTAL</b>	<b>89,848</b>	<b>84,134</b>	<b>173,982</b>
EXTERIOR	MOTORCYCLES	1,979	1,918	3,897
	CARS	11,486	12,280	23,766
	VANS**			
	BUSES	714	763	1,477
	<b>TOTAL</b>	<b>14,179</b>	<b>14,961</b>	<b>29,140</b>
<b>TOTAL</b>		<b>104,027</b>	<b>99,095</b>	<b>203,122</b>
** Not available				

#### 4.2. Ships

##### 4.2.1. Merchant vessels

##### 4.2.1.1. Distribution by tonnage

	Total	Up to 3,000	3,001 to 5000	5,001 to 10,000	10,001 to 25,000	25,001 to 50,000	more than 50,000
SPANISH							
Number	2,898	193	178	809	1,133	584	1
Gt	39,033,913	483,344	742,043	5,629,808	16,549,798	15,533,920	95,000
FOREIGN							
Number	5,712	577	575	962	1,419	1,535	644
Gt	133,783,314	1,305,864	2,354,213	7,328,124	25,363,562	54,618,514	42,813,037
<b>TOTAL</b>							
<b>Number</b>	<b>8,610</b>	<b>770</b>	<b>753</b>	<b>1,771</b>	<b>2,552</b>	<b>2,119</b>	<b>645</b>
<b>Gt</b>	<b>172,817,227</b>	<b>1,789,208</b>	<b>3,096,256</b>	<b>12,957,932</b>	<b>41,913,360</b>	<b>70,152,434</b>	<b>42,908,037</b>
Percentage of the total %							
<b>Number</b>		<b>8.94%</b>	<b>8.75%</b>	<b>20.57%</b>	<b>29.64%</b>	<b>24.61%</b>	<b>7.49%</b>
<b>GT</b>		<b>1.04%</b>	<b>1.79%</b>	<b>7.50%</b>	<b>24.25%</b>	<b>40.59%</b>	<b>24.83%</b>

#### 4.2.1.2. Distribution by flags

Flag	Nº of ships	G.T.
GERMANY	43	1,313,883
ANTIGUA AND BARBUDA	402	3,357,899
DUTCH ANTILLES	46	349,254
SAUDI ARABIA	5	162,670
ALGERIA	70	1,547,446
AUSTRIA	101	492,804
BAHAMAS	405	12,032,926
BARBADOS	1	2,237
BELGIUM	3	257,370
BELIZE	2	7,367
BERMUDAS	50	2,551,896
BOLIVIA	2	4,292
BULGARIA	48	291,704
CAMBODIA	1	2,812
CANADA	1	8,848
CAYMAN ISLANDS	52	763,261
CHINA	19	335,679
CYPRUS	328	5,052,660
COMOROS	1	1,599
SOUTH KOREA	8	337,030
CROATIA	1	20,837
DENMARK	61	1,734,123
DOMINICA	1	9,544
EGYPT	8	88,222
ARAB EMIRATES	12	390,408
SPAIN	2,898	39,033,913
UNITED STATES	2	103,716
ESTONIA	1	6,395
ETHIOPIA	5	64,415
PHILIPPINES	32	875,146
FINLAND	4	16,713
FRANCE	63	849,580
GEORGIA	5	13,835
GIBRALTAR	51	628,979
GREECE	60	2,127,859
HONDURAS	1	1,711
HONG KONG	9	243,866
INDIA	2	44,835
IRAN	1	15,670
IRELAND	15	223,086
MARSHALL ISLANDS	92	2,207,391
ISRAEL	71	3,283,831
ITALY	799	23,174,073
JAPAN	46	2,102,465
KUWAIT	14	455,476
LATVIA	19	180,101
LEBANON	10	50,815
LIBERIA	297	7,939,706
LYBIA	8	48,840
LITHUANIA	1	1,934
LUXEMBOURG	11	176,742
MALAYSIA	18	816,629
MALTA	315	4,891,808
MOROCCO	82	584,276
MYANMAR	1	37,519
NORWAY	144	4,683,806
NETHERLANDS	121	1,811,529
PANAMA	805	27,325,202
POLAND	1	14,169
PORTUGAL	85	475,339
QATAR	8	260,272
UNITED KINGDOM	383	9,273,886

Flag	Nº of ships	G.T.
ROMANIA	1	4,991
RUSSIA	14	62,394
SAINT VINCENT AND THE GRENADINES	84	531,288
SEYCHELLES	1	21,353
SINGAPORE	72	3,232,680
SYRIA	11	69,120
SWEDEN	9	336,731
SWITZERLAND	4	36,776
THAILAND	2	30,304
TAIWAN (REPUBLIC OF CHINA)	7	259,161
TUNEZ	43	722,724
TURKEY	171	1,412,457
UKRAINE	15	86,940
VANUATU	25	848,009
<b>TOTAL</b>	<b>8,610</b>	<b>172,817,227</b>

#### 4.2.1.3. Distribution type of vessel

Type of vessel	Spanish		Foreign		Totals	
	Nº	GT	Nº	GT	Nº	GT
TANKERS	97	952,753	758	13,933,379	<b>855</b>	<b>14,886,132</b>
BULK CARRIERS	46	130,750	163	2,666,891	<b>209</b>	<b>2,797,641</b>
GENERAL CARGO	54	229,785	985	4,881,655	<b>1,039</b>	<b>5,111,440</b>
RO-RO GOODS	733	8,603,531	1,078	27,263,917	<b>1,811</b>	<b>35,867,448</b>
RO-RO MIXED	1,688	25,707,566	382	9,821,531	<b>2,070</b>	<b>35,529,097</b>
PASSENGERS	1	7,478	633	28,009,483	<b>634</b>	<b>28,016,961</b>
CONTAINER CARRIERS	245	2,935,910	1,598	45,066,177	<b>1,843</b>	<b>48,002,087</b>
REFRIGERATORS	0	0	59	676,114	<b>59</b>	<b>676,114</b>
OIL TANKERS	34	466,140	56	1,464,167	<b>90</b>	<b>1,930,307</b>
<b>TOTAL SHIP TYPE</b>	<b>2,898</b>	<b>39,033,913</b>	<b>5,712</b>	<b>133,783,314</b>	<b>8,610</b>	<b>172,817,227</b>

#### 4.2.2. Warships

	Spanish	Foreign	Total
Number	12	41	53
Tonnes Movement	27,960	224,223	252,183

### 4.2.3. Fishing vessels

Based in the Port

Number:\*\* 300

GT: n/d

\*\* Source CMB. Registered in Barcelona

### 4.2.4. Pleasure craft

Number:\*\* 33,524

GT:

\*\* Source CMB. Registered in Barcelona 7th and 6th

### 4.2.5. Vessels entered for breaking

Scrapping: No data

### 4.2.6. Other craft

Other vessels: To be defined

## 4.3. Goods

### 4.3.1. Handled by wharves and service berths

GOODS	SHORT SEA SHIPPING			Exterior			Total SSS+ext		
	Cargo	Unloading	Total	Cargo	Unloading	Total	Cargo	Unloading	Total
<b>Bulk liquids</b>									
2 FUEL-OIL		109,745	<b>109,745</b>	128	13,031	<b>13,159</b>	128	<b>122,776</b>	<b>122,904</b>
3 DIESEL FUELS	25,589		<b>25,589</b>	8,517	1,576,017	<b>1,584,534</b>	<b>34,106</b>	<b>1,576,017</b>	<b>1,610,123</b>
4 GASOLINE	92	138,069	<b>138,161</b>	42,127	267,950	<b>310,078</b>	<b>42,219</b>	<b>406,019</b>	<b>448,239</b>
6 OTHER OIL PRODUCTS	7	0	<b>7</b>		61,462	<b>61,462</b>	7	<b>61,462</b>	<b>61,469</b>
7 OIL-BASED ENERGY GASES	510	18,424	<b>18,934</b>		99,898	<b>99,898</b>	510	<b>118,323</b>	<b>118,833</b>
16 NATURAL/ARTIFICIAL FERTILISER			<b>0</b>		6,085	<b>6,085</b>	0	<b>6,085</b>	<b>6,085</b>
17 CHEMICAL PRODUCTS	90,622	92,222	<b>182,844</b>	114,589	555,510	<b>670,099</b>	<b>205,211</b>	<b>647,732</b>	<b>852,943</b>
24 WINES, DRINKS, ALCOHOLS AND DERIVATES	456		<b>456</b>	652	8,003	<b>8,655</b>	<b>1,108</b>	<b>8,003</b>	<b>9,111</b>
29 OILS AND FATS	0		<b>0</b>	91,009	348,130	<b>439,139</b>	<b>91,009</b>	<b>348,130</b>	<b>439,139</b>
30 OTHER FOOD PRODUCTS			<b>0</b>		35,591	<b>35,591</b>	0	<b>35,591</b>	<b>35,591</b>
34 OTHER GOODS AS PER NATURE	40		<b>40</b>	130		<b>130</b>	170	<b>0</b>	<b>170</b>
35 NATURAL GAS			<b>0</b>		4,530	<b>4,530</b>	0	<b>4,530</b>	<b>4,530</b>
<b>TOTAL</b>	<b>117,316</b>	<b>358,461</b>	<b>475,777</b>	<b>257,153</b>	<b>2,976,208</b>	<b>3,233,361</b>	<b>374,469</b>	<b>3,334,669</b>	<b>3,709,138</b>
<b>Bulk solids with special facilities</b>									
18 CEMENT AND CLINKER	137,565	329,217	<b>466,782</b>	173,242	15,500	<b>188,742</b>	<b>310,807</b>	<b>344,717</b>	<b>655,524</b>
21 CEREALS AND FLOURS			<b>0</b>		459,893	<b>459,893</b>	0	<b>459,893</b>	<b>459,893</b>
22 SOYA BEAN AND FLOUR			<b>0</b>		674,398	<b>674,398</b>	0	<b>674,398</b>	<b>674,398</b>

GOODS	SHORT SEA SHIPPING			Exterior			Total SSS+ext		
	Cargo	Unloading	Total	Cargo	Unloading	Total	Cargo	Unloading	Total
23 FRUIT, VEGETABLES AND PULSES			0		39,555	39,555	0	39,555	39,555
<b>TOTAL</b>	<b>137,565</b>	<b>329,217</b>	<b>466,782</b>	<b>173,242</b>	<b>1,189,345</b>	<b>1,362,587</b>	<b>310,807</b>	<b>1,518,562</b>	<b>1,829,369</b>
<b>Bulk solids without special facilities</b>									
10 OTHER MINERALS		5,500	5,500		141,542	141,542	0	147,042	147,042
11 SCRAP IRON	2,500	131	2,632	16	10,285	10,301	2,516	10,416	12,933
12 COALS			0		215,112	215,112	0	215,112	215,112
15 POTASH	25,909		25,909	311,801	23,875	335,676	337,710	23,875	361,585
16 NATURAL/ARTIFICIAL FERTILISER			0		13,257	13,257	0	13,257	13,257
17 CHEMICAL PRODUCTS			0		32,481	32,481	0	32,481	32,481
18 CEMENT AND CLINKER	26,015	40,301	66,316	33,502	0	33,502	59,517	40,301	99,818
25 COMMON SALT	15,859	24,924	40,783	11,195	3,915	15,110	27,054	28,840	55,894
34 OTHER GOODS AS PER NATURE			0		6,609	6,609	0	6,609	6,609
37 FEEDSTUFFS	2,757		2,757	12,614	17,000	29,614	15,371	17,000	32,371
<b>TOTAL</b>	<b>73,040</b>	<b>70,857</b>	<b>143,897</b>	<b>369,128</b>	<b>464,076</b>	<b>833,204</b>	<b>442,168</b>	<b>534,933</b>	<b>977,101</b>
<b>general cargo</b>									
0 unclassified	10	20	29	3,575	1,236	4,811	3,585	1,256	4,840
1 CRUDE OIL	841	70	911	766	577	1,343	1,607	647	2,254
2 FUEL-OIL	877		877	2,003	282	2,285	2,880	282	3,162
3 DIESEL FUELS	42		42	99	80	179	140	80	220
4 GASOLINE	897	117	1,014	119	35	154	1,015	152	1,167
5 ASPHALT	38		38	1,698	1,691	3,389	1,736	1,691	3,427
6 OTHER OIL PRODUCTS	1,975	231	2,206	37,050	30,885	67,935	39,025	31,116	70,141
7 OIL-BASED ENERGY GASES	32,591	155	32,747	6,224	6,892	13,116	38,815	7,047	45,863
8 IRON ORE	154	22	176	594	1,241	1,835	748	1,263	2,011
9 PIRITES, BURNT PIRITES			0	3,939	20,745	24,684	3,939	20,745	24,684
10 OTHER MINERALS	41,592	3,914	45,505	285,796	265,291	551,087	327,387	269,205	596,592
11 SCRAP IRON	284	79,734	80,018	26,837	13,074	39,911	27,121	92,808	119,929
12 COALS	5,749	984	6,733	12,721	30,798	43,519	18,470	31,782	50,252
13 STEEL PRODUCTS	97,367	883	98,251	212,135	1,218,368	1,430,503	309,502	1,219,252	1,528,754
14 PHOSPHATES	10		10	2,016	3,690	5,706	2,026	3,690	5,717
15 POTASH	510		510	1,027	1,798	2,824	1,536	1,798	3,334
16 NATURAL/ARTIFICIAL FERTILISER	7,231	29	7,260	22,838	16,172	39,009	30,068	16,201	46,270
17 CHEMICAL PRODUCTS	200,645	44,966	245,612	1,702,852	1,116,358	2,819,210	1,903,497	1,161,325	3,064,821
18 CEMENT AND CLINKER	107,938	72	108,010	7,907	3,130	11,038	115,845	3,202	119,048
19 WOOD	25,552	6,133	31,685	64,498	132,637	197,135	90,050	138,770	228,820
20 OTHER BUILDING MATERIALS	219,221	2,560	221,780	475,112	342,182	817,294	694,333	344,741	1,039,074
21 CEREALS AND FLOURS	25,744	2,309	28,054	52,956	51,358	104,314	78,700	53,668	132,368
22 SOYA BEAN AND FLOUR	497		497	316	1,946	2,261	813	1,946	2,758
23 FRUIT, VEGETABLES AND PULSES	64,258	51,578	115,836	140,404	270,317	410,721	204,662	321,895	526,557
24 WINES, DRINKS, ALCOHOLS AND DERIVATES	357,968	9,747	367,715	323,910	230,351	554,261	681,878	240,098	921,976
25 COMMON SALT	2,065	321	2,386	11,979	9,236	21,216	14,045	9,557	23,602
26 PAPER AND PASTE	38,159	41,546	79,704	658,423	263,698	922,121	696,582	305,244	1,001,826
27 TINNED GOODS	6,183	503	6,687	109,087	141,070	250,157	115,270	141,573	256,843

GOODS	SHORT SEA SHIPPING			Exterior			Total SSS+ext		
	Cargo	Unloading	Total	Cargo	Unloading	Total	Cargo	Unloading	Total
28 TOBACCO, COFFEE AND COCOA	12,634	199	<b>12,833</b>	175,847	393,095	<b>568,942</b>	<b>188,481</b>	<b>393,295</b>	<b>581,775</b>
29 OILS AND FATS	12,735	932	<b>13,667</b>	129,732	46,120	<b>175,852</b>	<b>142,468</b>	<b>47,052</b>	<b>189,519</b>
30 OTHER FOOD PRODUCTS	478,971	15,773	<b>494,744</b>	402,200	358,401	<b>760,601</b>	<b>881,171</b>	<b>374,174</b>	<b>1,255,345</b>
31 MACHINERY AND SPARE PARTS	96,335	11,847	<b>108,182</b>	482,843	728,053	<b>1,210,896</b>	<b>579,178</b>	<b>739,900</b>	<b>1,319,078</b>
32 CARS AND SPARE PARTS	100,245	25,573	<b>125,818</b>	738,595	505,336	<b>1,243,931</b>	<b>838,840</b>	<b>530,909</b>	<b>1,369,749</b>
33 FROZEN FISH	1,462	569	<b>2,031</b>	10,897	29,057	<b>39,955</b>	<b>12,359</b>	<b>29,626</b>	<b>41,986</b>
34 OTHER GOODS AS PER NATURE	594,230	83,222	<b>677,452</b>	1,190,184	1,853,259	<b>3,043,443</b>	<b>1,784,414</b>	<b>1,936,481</b>	<b>3,720,895</b>
35 NATURAL GAS	241	60	<b>301</b>	76	25	<b>101</b>	<b>317</b>	<b>85</b>	<b>403</b>
36 OTHER STEEL PRODUCTS	6,083	94	<b>6,178</b>	62,402	69,941	<b>132,343</b>	<b>68,485</b>	<b>70,036</b>	<b>138,521</b>
37 FEEDSTUFFS	119,398	1,574	<b>120,972</b>	126,092	53,840	<b>179,931</b>	<b>245,490</b>	<b>55,414</b>	<b>300,903</b>
38 TARE OF PLATFORMS AND TRUCKS (RO-RO)	776,009	735,342	<b>1,511,350</b>	223,632	208,235	<b>431,868</b>	<b>999,641</b>	<b>943,577</b>	<b>1,943,218</b>
39 TARE OF CONTAINERS	335,656	327,926	<b>663,582</b>	1,577,603	1,631,329	<b>3,208,932</b>	<b>1,913,259</b>	<b>1,959,255</b>	<b>3,872,514</b>
<b>TOTAL</b>	<b>3,772,394</b>	<b>1,449,006</b>	<b>5,221,400</b>	<b>9,286,985</b>	<b>10,051,830</b>	<b>19,338,815</b>	<b>13,059,379</b>	<b>11,500,836</b>	<b>24,560,215</b>
<b>TOTAL</b>	<b>4,100,316</b>	<b>2,207,540</b>	<b>6,307,856</b>	<b>10,086,507</b>	<b>14,681,460</b>	<b>24,767,967</b>	<b>14,186,824</b>	<b>16,889,000</b>	<b>31,075,824</b>

#### 4.3.2. Handled on private wharves and berths

Goods	SHORT SEA SHIPPING			Exterior			Total SSS+ext		
	Cargo	Unloading	Total	Cargo	Unloading	Total	Cargo	Unloading	Total
<b>Bulk liquids</b>									
2 FUEL-OIL	0	298,364	<b>298,364</b>			<b>0</b>	<b>0</b>	<b>298,364</b>	<b>298,364</b>
3 DIESEL FUELS	2,772	150,025	<b>152,797</b>		918,914	<b>918,914</b>	<b>2,772</b>	<b>1,068,939</b>	<b>1,071,711</b>
4 GASOLINE	5,995	487,322	<b>493,317</b>		323,290	<b>323,290</b>	<b>5,995</b>	<b>810,612</b>	<b>816,607</b>
29 OILS AND FATS			<b>0</b>	55,140		<b>55,140</b>	<b>55,140</b>	<b>0</b>	<b>55,140</b>
35 NATURAL GAS		88,965	<b>88,965</b>	0	5,031,173	<b>5,031,173</b>	<b>0</b>	<b>5,120,138</b>	<b>5,120,138</b>
<b>TOTAL</b>	<b>8,768</b>	<b>1,024,676</b>	<b>1,033,443</b>	<b>55,140</b>	<b>6,273,377</b>	<b>6,328,517</b>	<b>63,908</b>	<b>7,298,052</b>	<b>7,361,960</b>
<b>Bulk solids with special facilities</b>									
22 SOYA BEAN AND FLOUR			<b>0</b>		651,982	<b>651,982</b>	<b>0</b>	<b>651,982</b>	<b>651,982</b>
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>651,982</b>	<b>651,982</b>	<b>0</b>	<b>651,982</b>	<b>651,982</b>
<b>Bulk solids without special facilities</b>									
37 FEEDSTUFFS	2,847		<b>2,847</b>	7,007		<b>7,007</b>	<b>9,854</b>	<b>0</b>	<b>9,854</b>
<b>TOTAL</b>	<b>2,847</b>	<b>0</b>	<b>2,847</b>	<b>7,007</b>	<b>0</b>	<b>7,007</b>	<b>9,854</b>	<b>0</b>	<b>9,854</b>
<b>general cargo</b>									
31 MACHINERY AND SPARE PARTS		13	<b>13</b>		0	<b>0</b>	<b>0</b>	<b>13</b>	<b>13</b>
34 OTHER GOODS AS PER NATURE			<b>0</b>		1	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>
35 NATURAL GAS			<b>0</b>		221,158	<b>221,158</b>	<b>0</b>	<b>221,158</b>	<b>221,158</b>
<b>TOTAL</b>	<b>0</b>	<b>13</b>	<b>13</b>	<b>0</b>	<b>221,159</b>	<b>221,159</b>	<b>0</b>	<b>221,172</b>	<b>221,172</b>
<b>TOTAL</b>	<b>11,615</b>	<b>1,024,689</b>	<b>1,036,303</b>	<b>62,147</b>	<b>7,146,518</b>	<b>7,208,664</b>	<b>73,761</b>	<b>8,171,206</b>	<b>8,244,968</b>

### 4.3.3. Unloaded and loaded during the year

Goods	SHORT SEA SHIPPING			Exterior			Total SSS+ext		
	Cargo	Unloading	TOTAL	Cargo	Unloading	TOTAL	Cargo	Unloading	TOTAL
<b>Bulk liquids</b>									
2 FUEL-OIL	0	408,109	<b>408,109</b>	128	13,031	<b>13,159</b>	128	421,140	<b>421,268</b>
3 DIESEL FUELS	28,362	150,025	<b>178,387</b>	8,517	2,494,930	<b>2,503,447</b>	36,879	2,644,955	<b>2,681,834</b>
4 GASOLINE	6,087	625,391	<b>631,478</b>	42,127	591,240	<b>633,368</b>	48,214	1,216,631	<b>1,264,846</b>
6 OTHER OIL PRODUCTS	7	0	<b>7</b>		61,462	<b>61,462</b>	7	61,462	<b>61,469</b>
7 OIL-BASED ENERGY GASES	510	18,424	<b>18,934</b>		99,898	<b>99,898</b>	510	118,323	<b>118,833</b>
16 NATURAL/ARTIFICIAL FERTILISER			<b>0</b>		6,085	<b>6,085</b>	0	6,085	<b>6,085</b>
17 CHEMICAL PRODUCTS	90,622	92,222	<b>182,844</b>	114,589	555,510	<b>670,099</b>	205,211	647,732	<b>852,943</b>
24 WINES, DRINKS, ALCOHOLS AND DERIVATES	456		<b>456</b>	652	8,003	<b>8,655</b>	1,108	8,003	<b>9,111</b>
29 OILS AND FATS	0		<b>0</b>	146,149	348,130	<b>494,279</b>	146,149	348,130	<b>494,279</b>
30 OTHER FOOD PRODUCTS			<b>0</b>		35,591	<b>35,591</b>	0	35,591	<b>35,591</b>
34 OTHER GOODS AS PER NATURE	40		<b>40</b>	130		<b>130</b>	170	0	<b>170</b>
35 NATURAL GAS		88,965	<b>88,965</b>	0	5,035,703	<b>5,035,703</b>	0	5,124,668	<b>5,124,668</b>
<b>TOTAL</b>	<b>126,084</b>	<b>1,383,136</b>	<b>1,509,220</b>	<b>312,293</b>	<b>9,249,585</b>	<b>9,561,878</b>	<b>438,377</b>	<b>10,632,721</b>	<b>11,071,098</b>
<b>Bulk solids with special facilities</b>									
18 CEMENT AND CLINKER	137,565	329,217	<b>466,782</b>	173,242	15,500	<b>188,742</b>	310,807	344,717	<b>655,524</b>
21 CEREALS AND FLOURS			<b>0</b>		459,893	<b>459,893</b>	0	459,893	<b>459,893</b>
22 SOYA BEAN AND FLOUR			<b>0</b>		1,326,380	<b>1,326,380</b>	0	1,326,380	<b>1,326,380</b>
23 FRUIT, VEGETABLES AND PULSES			<b>0</b>		39,555	<b>39,555</b>	0	39,555	<b>39,555</b>
<b>TOTAL</b>	<b>137,565</b>	<b>329,217</b>	<b>466,782</b>	<b>173,242</b>	<b>1,841,327</b>	<b>2,014,569</b>	<b>310,807</b>	<b>2,170,544</b>	<b>2,481,351</b>
<b>Bulk solids without special facilities</b>									
10 OTHER MINERALS		5,500	<b>5,500</b>		141,542	<b>141,542</b>	0	147,042	<b>147,042</b>
11 SCRAP IRON	2,500	131	<b>2,632</b>	16	10,285	<b>10,301</b>	2,516	10,416	<b>12,933</b>
12 COALS			<b>0</b>		215,112	<b>215,112</b>	0	215,112	<b>215,112</b>
15 POTASH	25,909		<b>25,909</b>	311,801	23,875	<b>335,676</b>	337,710	23,875	<b>361,585</b>
16 NATURAL/ARTIFICIAL FERTILISER			<b>0</b>		13,257	<b>13,257</b>	0	13,257	<b>13,257</b>
17 CHEMICAL PRODUCTS			<b>0</b>		32,481	<b>32,481</b>	0	32,481	<b>32,481</b>
18 CEMENT AND CLINKER	26,015	40,301	<b>66,316</b>	33,502	0	<b>33,502</b>	59,517	40,301	<b>99,818</b>
25 COMMON SALT	15,859	24,924	<b>40,783</b>	11,195	3,915	<b>15,110</b>	27,054	28,840	<b>55,894</b>
34 OTHER GOODS AS PER NATURE			<b>0</b>		6,609	<b>6,609</b>	0	6,609	<b>6,609</b>
37 FEEDSTUFFS	5,604		<b>5,604</b>	19,621	17,000	<b>36,621</b>	25,225	17,000	<b>42,225</b>
<b>TOTAL</b>	<b>75,888</b>	<b>70,857</b>	<b>146,744</b>	<b>376,134</b>	<b>464,076</b>	<b>840,211</b>	<b>452,022</b>	<b>534,933</b>	<b>986,955</b>
<b>General cargo</b>									
0 unclassified	10	20	<b>29</b>	3,575	1,236	<b>4,811</b>	3,585	1,256	<b>4,840</b>
1 CRUDE OIL	841	70	<b>911</b>	766	577	<b>1,343</b>	1,607	647	<b>2,254</b>
2 FUEL-OIL	877		<b>877</b>	2,003	282	<b>2,285</b>	2,880	282	<b>3,162</b>
3 DIESEL FUELS	42		<b>42</b>	99	80	<b>179</b>	140	80	<b>220</b>
4 GASOLINE	897	117	<b>1,014</b>	119	35	<b>154</b>	1,015	152	<b>1,167</b>
5 ASPHALT	38		<b>38</b>	1,698	1,691	<b>3,389</b>	1,736	1,691	<b>3,427</b>
6 OTHER OIL PRODUCTS	1,975	231	<b>2,206</b>	37,050	30,885	<b>67,935</b>	39,025	31,116	<b>70,141</b>

Goods	SHORT SEA SHIPPING			Exterior			Total SSS+ext		
	Cargo	Unloading	TOTAL	Cargo	Unloading	TOTAL	Cargo	Unloading	TOTAL
7 OIL-BASED ENERGY GASES	32,591	155	<b>32,747</b>	6,224	6,892	<b>13,116</b>	<b>38,815</b>	<b>7,047</b>	<b>45,863</b>
8 IRON ORE	154	22	<b>176</b>	594	1,241	<b>1,835</b>	<b>748</b>	<b>1,263</b>	<b>2,011</b>
9 PIRITES, BURNT PIRITES			<b>0</b>	3,939	20,745	<b>24,684</b>	<b>3,939</b>	<b>20,745</b>	<b>24,684</b>
10 OTHER MINERALS	41,592	3,914	<b>45,505</b>	285,796	265,291	<b>551,087</b>	<b>327,387</b>	<b>269,205</b>	<b>596,592</b>
11 SCRAP IRON	284	79,734	<b>80,018</b>	26,837	13,074	<b>39,911</b>	<b>27,121</b>	<b>92,808</b>	<b>119,929</b>
12 COALS	5,749	984	<b>6,733</b>	12,721	30,798	<b>43,519</b>	<b>18,470</b>	<b>31,782</b>	<b>50,252</b>
13 STEEL PRODUCTS	97,367	883	<b>98,251</b>	212,135	1,218,368	<b>1,430,503</b>	<b>309,502</b>	<b>1,219,252</b>	<b>1,528,754</b>
14 PHOSPHATES	10		<b>10</b>	2,016	3,690	<b>5,706</b>	<b>2,026</b>	<b>3,690</b>	<b>5,717</b>
15 POTASH	510		<b>510</b>	1,027	1,798	<b>2,824</b>	<b>1,536</b>	<b>1,798</b>	<b>3,334</b>
16 NATURAL/ARTIFICIAL FERTILISER	7,231	29	<b>7,260</b>	22,838	16,172	<b>39,009</b>	<b>30,068</b>	<b>16,201</b>	<b>46,270</b>
17 CHEMICAL PRODUCTS	200,645	44,966	<b>245,612</b>	1,702,852	1,116,358	<b>2,819,210</b>	<b>1,903,497</b>	<b>1,161,325</b>	<b>3,064,821</b>
18 CEMENT AND CLINKER	107,938	72	<b>108,010</b>	7,907	3,130	<b>11,038</b>	<b>115,845</b>	<b>3,202</b>	<b>119,048</b>
19 WOOD	25,552	6,133	<b>31,685</b>	64,498	132,637	<b>197,135</b>	<b>90,050</b>	<b>138,770</b>	<b>228,820</b>
20 OTHER BUILDING MATERIALS	219,221	2,560	<b>221,780</b>	475,112	342,182	<b>817,294</b>	<b>694,333</b>	<b>344,741</b>	<b>1,039,074</b>
21 CEREALS AND FLOURS	25,744	2,309	<b>28,054</b>	52,956	51,358	<b>104,314</b>	<b>78,700</b>	<b>53,668</b>	<b>132,368</b>
22 SOYA BEAN AND FLOUR	497		<b>497</b>	316	1,946	<b>2,261</b>	<b>813</b>	<b>1,946</b>	<b>2,758</b>
23 FRUIT, VEGETABLES AND PULSES	64,258	51,578	<b>115,836</b>	140,404	270,317	<b>410,721</b>	<b>204,662</b>	<b>321,895</b>	<b>526,557</b>
24 WINES, DRINKS, ALCOHOLS AND DERIVATES	357,968	9,747	<b>367,715</b>	323,910	230,351	<b>554,261</b>	<b>681,878</b>	<b>240,098</b>	<b>921,976</b>
25 COMMON SALT	2,065	321	<b>2,386</b>	11,979	9,236	<b>21,216</b>	<b>14,045</b>	<b>9,557</b>	<b>23,602</b>
26 PAPER AND PASTE	38,159	41,546	<b>79,704</b>	658,423	263,698	<b>922,121</b>	<b>696,582</b>	<b>305,244</b>	<b>1,001,826</b>
27 TINNED GOODS	6,183	503	<b>6,687</b>	109,087	141,070	<b>250,157</b>	<b>115,270</b>	<b>141,573</b>	<b>256,843</b>
28 TOBACCO, COFFEE AND COCOA	12,634	199	<b>12,833</b>	175,847	393,095	<b>568,942</b>	<b>188,481</b>	<b>393,295</b>	<b>581,775</b>
29 OILS AND FATS	12,735	932	<b>13,667</b>	129,732	46,120	<b>175,852</b>	<b>142,468</b>	<b>47,052</b>	<b>189,519</b>
30 OTHER FOOD PRODUCTS	478,971	15,773	<b>494,744</b>	402,200	358,401	<b>760,601</b>	<b>881,171</b>	<b>374,174</b>	<b>1,255,345</b>
31 MACHINERY AND SPARE PARTS	96,335	11,860	<b>108,195</b>	482,843	728,053	<b>1,210,896</b>	<b>579,178</b>	<b>739,913</b>	<b>1,319,091</b>
32 CARS AND SPARE PARTS	100,245	25,573	<b>125,818</b>	738,595	505,336	<b>1,243,931</b>	<b>838,840</b>	<b>530,909</b>	<b>1,369,749</b>
33 FROZEN FISH	1,462	569	<b>2,031</b>	10,897	29,057	<b>39,955</b>	<b>12,359</b>	<b>29,626</b>	<b>41,986</b>
34 OTHER GOODS AS PER NATURE	594,230	83,222	<b>677,452</b>	1,190,184	1,853,260	<b>3,043,444</b>	<b>1,784,414</b>	<b>1,936,482</b>	<b>3,720,896</b>
35 NATURAL GAS	241	60	<b>301</b>	76	221,183	<b>221,260</b>	<b>317</b>	<b>221,244</b>	<b>221,561</b>
36 OTHER STEEL PRODUCTS	6,083	94	<b>6,178</b>	62,402	69,941	<b>132,343</b>	<b>68,485</b>	<b>70,036</b>	<b>138,521</b>
37 FEEDSTUFFS	119,398	1,574	<b>120,972</b>	126,092	53,840	<b>179,931</b>	<b>245,490</b>	<b>55,414</b>	<b>300,903</b>
38 TARE OF PLATFORMS AND TRUCKS (RO-RO)	776,009	735,342	<b>1,511,350</b>	223,632	208,235	<b>431,868</b>	<b>999,641</b>	<b>943,577</b>	<b>1,943,218</b>
39 TARE OF CONTAINERS	335,656	327,926	<b>663,582</b>	1,577,603	1,631,329	<b>3,208,932</b>	<b>1,913,259</b>	<b>1,959,255</b>	<b>3,872,514</b>
<b>TOTAL</b>	<b>3,772,394</b>	<b>1,449,019</b>	<b>5,221,413</b>	<b>9,286,985</b>	<b>10,272,989</b>	<b>19,559,974</b>	<b>13,059,379</b>	<b>11,722,008</b>	<b>24,781,387</b>
<b>TOTAL</b>	<b>4,111,931</b>	<b>3,232,229</b>	<b>7,344,160</b>	<b>10,148,654</b>	<b>21,827,977</b>	<b>31,976,631</b>	<b>14,260,585</b>	<b>25,060,206</b>	<b>39,320,791</b>



#### 4.3.4. Total cargo by nationality of ports of origin and destination

Country	Embarked	Disembarked	Total
ALBANIA	6		6
GERMANY	40,248	141,729	181,978
ANGOLA	2,849		2,849
DUTCH ANTILLES	1,431	211	1,642
SAUDI ARABIA	165,067	446,383	611,449
ALGERIA	411,002	3,100,782	3,511,784
ARGENTINA	105,168	217,796	322,964
ARUBA	68	48,022	48,090
AUSTRALIA	89,103	59,082	148,185
AZERBAIJAN	185		185
BAHAMAS	585	171	756
BAHRAIN	7,922	1,805	9,727
BANGLADESH	13,752	23,301	37,053
BARBADOS	758		758
BELGIUM	72,585	25,856	98,441
BELIZE	404		404
BENIN	11,467	4,431	15,897
BERMUDAS	93		93
BRAZIL	319,957	1,716,031	2,035,988
BRUNEI	378		378
BULGARIA	21,871	91,686	113,557
BURKINA FASO	288	5	293
CAPE VERDE	92		92
CAMBODIA (KAMPUCHEA)	103	1,770	1,872
CAMEROON	15,138	13,520	28,658
CANADA	93,574	348,343	441,917
CHILE	49,948	102,322	152,271
CHINA	410,145	1,425,429	1,835,574
CYPRUS	32,817	6,876	39,693
COLOMBIA	35,538	59,171	94,709
COMORAS	261		261
NORTH KOREA	102		102
SOUTH KOREA	128,561	196,754	325,315
IVORY COAST	39,017	74,509	113,526
COSTA RICA	14,850	27,425	42,275
CROATIA	882	562	1,443
CUBA	70,734	17,794	88,529
DENMARK	9,223	1,016	10,239
DJIBOUTI	4,382	15,984	20,366
DOMINICA	24		24
EQUADOR	6,711	5,331	12,042
EGYPT	178,656	127,400	306,056
EL SALVADOR	5,431	1,122	6,553
ARAB EMIRATES	180,405	520,628	701,033
ERITREA	382		382
SLOVENIA	15,676	759	16,435
SPAIN	4,525,321	3,506,521	8,031,842
UNITED STATES	1,222,519	1,363,012	2,585,531
ESTONIA	3,931	28,081	32,011
RUS. FED.	45,901	254,377	300,278
PHILIPPINES	11,054	24,471	35,525
FINLAND	17,275	14,351	31,626
FRANCE	229,078	545,144	774,222
GABON	1,210	114	1,324
GAMBIA	3,344	19	3,362
GEORGIA	6,191	31,944	38,135
GHANA	53,664	21,443	75,108
GIBRALTAR	84		84
GRANADA	33		33
GREECE	359,444	233,045	592,489
GUADALUPE	1,800	113	1,913
GUAM	34		34
GUATEMALA	13,149	10,394	23,543
FRENCH GUAYANA	243		243
GUINEA	3,245	6,080	9,325
GUINEA BISSAU	10		10
EQUATORIAL GUINEA	35,590	1,591	37,181
GUYANA	802	2,036	2,838
HAITI	8,814	111	8,924
HONDURAS	5,789	9,886	15,674

Country	Embarked	Disembarked	Total
HONG KONG	121,663	193,580	315,243
HUNGARY	1,229		1,229
INDIA	76,799	458,876	535,675
INDONESIA	37,041	329,648	366,689
IRAQ	260		260
IRAN	86,164	33,487	119,652
IRELAND	18,752	1,014	19,766
ICELAND	234	21	256
CAYMAN ISLANDS		2	2
MARSHALL ISLANDS		5	5
ISRAEL	283,309	200,094	483,403
ITALY	1,113,208	3,761,990	4,875,199
JAMAICA	12,847	2,154	15,001
JAPAN	143,753	361,441	505,194
JORDAN	25,145	9,384	34,530
KENYA	9,663	53,006	62,669
KUWAIT	27,005	19,060	46,065
LATVIA	5,578	63,227	68,805
LEBANON	62,014	4,935	66,948
LIBERIA	732		732
LYBIA	25,146	447,589	472,735
LITHUANIA	2,088	200	2,288
MACAU	11	22	33
MADAGASCAR	1,644	844	2,488
MALAYSIA	56,291	319,585	375,876
MALTA	51,461	5,656	57,117
MOROCCO	553,808	121,301	675,109
MARTINIQUE	1,639	220	1,860
MAURITIUS	5,247	2,051	7,299
MAURITANIA	10,051	573	10,624
MAYOTTE	446		446
MEXICO	225,007	205,231	430,238
MONACO		1	1
MOZAMBIQUE	2,066	2,030	4,096
MYANMAR (BURMA)	162	1,303	1,465
NAMIBIA	384	276	659
NICARAGUA	223		223
NIGERIA	126,018	70,945	196,963
NORWAY	5,544	42,813	48,357
NEW CALEDONIA	250	7	257
NEW ZEALAND	15,848	9,818	25,666
OMAN	9,356	314,127	323,483
NETHERLANDS	65,702	209,175	274,877
PANAMA	10,694	2,810	13,504
PAPUA NEW GUINEA	4	41,162	41,166
PAKISTAN	27,278	142,073	169,351
PARAGUAY	4,820	7,639	12,459
PERU	15,957	15,564	31,521
FRENCH POLINESIA	180		180
POLAND	2,871	92,562	95,433
PORTUGAL	154,297	36,560	190,858
PUERTO RICO	17,757	13,843	31,599
QATAR	7,019	720,192	727,211
UNITED KINGDOM	156,406	241,053	397,459
DOMINICAN REPUBLIC	26,051	15,044	41,096
REPUBLIC OF SOUTH AFRICA	122,179	82,874	205,054
DEMOCRATIC REPUBLIC OF CONGO	2,370	1,538	3,908
REUNION	9,259	6,468	15,727
ROMANIA	27,420	52,899	80,319
SAINT VINCENT AND THE GRENADINES	1		1
SAINT LUCIA	64		64
SENEGAL	134,493	2,193	136,685
SEYCHELLES	195	733	928
SIERRA LEONE	1,262	27	1,289
SINGAPORE	97,059	60,184	157,243
SYRIA	85,325	19,459	104,784
SLOVAKIA	524		524
SOMALIA	5,902		5,902
SRI LANKA (CEYLON)	12,491	22,136	34,626
SUDAN	3,422	15,440	18,862
SWEDEN	13,585	55,717	69,302
SWITZERLAND	39		39
SURINAM	4,371	111	4,482
TAIWAN (REPUBLIC OF CHINA)	45,180	104,371	149,551

Country	Embarked	Disembarked	Total
TANZANIA	3,973	13,956	<b>17,929</b>
THAILAND	38,028	144,730	<b>182,757</b>
TOGO	17,334	7,196	<b>24,530</b>
TRINIDAD AND TOBAGO	11,282	6,877	<b>18,159</b>
TUNEZ	198,999	54,029	<b>253,028</b>
TURKEY	520,393	574,867	<b>1,095,260</b>
UKRAINE	23,532	84,463	<b>107,995</b>
URUGUAY	19,968	20,895	<b>40,863</b>
VENEZUELA	38,385	127,892	<b>166,278</b>
VIETNAM	11,291	137,318	<b>148,609</b>
YEMEN	6,128	1,188	<b>7,316</b>
YUGOSLAVIA	246		<b>246</b>
ZAIRE (REPUBLIC)	73	297	<b>370</b>
OTHER DESTINATIONS	92,325	11,415	<b>103,739</b>
<b>TOTAL</b>	<b>14,260,585</b>	<b>25,060,206</b>	<b>39,320,791</b>

#### 4.3.5. Transshipped cargo

Goods transhipped	No data
-------------------	---------

#### 4.3.6. Roll-on / Roll-off traffic

##### 4.3.6.1 Summary of roll-on/roll-off traffic

	SHORT SEA SHIPPING	Exterior	Total
<b>Goods embarked</b>			
In containers	768,452	310,792	1,079,244
In other media	2,150,416	1,182,980	3,333,396
<b>TOTAL</b>	<b>2,918,868</b>	<b>1,493,772</b>	<b>4,412,640</b>
<b>Goods disembarked</b>			
In containers	215,724	266,538	482,263
In other media	901,553	971,085	1,872,637
<b>TOTAL</b>	<b>1,117,277</b>	<b>1,237,623</b>	<b>2,354,900</b>
<b>Goods embarked + disembarked</b>			
In containers	984,177	577,331	1,561,507
In other media	3,051,968	2,154,065	5,206,033
<b>TOTAL</b>	<b>4,036,145</b>	<b>2,731,395</b>	<b>6,767,540</b>

#### 4.3.6.2 Units of roll-on/roll-off intermodal (UTI) transport

Type	SHORT SEA SHIPPING			Exterior			Total SSS+ext		
	Loading	Unloading	TOTAL	Loading	Unloading	TOTAL	Loading	Unloading	TOTAL
PLATFORM	11	194	<b>205</b>	0	0	<b>0</b>	11	194	<b>205</b>
LORRY, REFRIGERATED TRUCK	59,582	55,838	<b>115,420</b>	7,670	8,146	<b>15,816</b>	<b>67,252</b>	<b>63,984</b>	<b>131,236</b>
TRAILERS	26,783	23,395	<b>50,178</b>	13,176	13,218	<b>26,394</b>	<b>39,959</b>	<b>36,613</b>	<b>76,572</b>
<b>TOTAL</b>	<b>86,376</b>	<b>79,427</b>	<b>165,803</b>	<b>20,846</b>	<b>21,364</b>	<b>42,210</b>	<b>107,222</b>	<b>100,791</b>	<b>208,013</b>

#### 4.3.6.3 Units of vehicles in cargo regime

Type	SHORT SEA SHIPPING		Exterior		TOTAL		TOTAL
	Embarked	Disembarked	Embarked	Disembarked	Embarked	Disembarked	
Total cars	80,003	26,689	413,663	265,091	<b>493,666</b>	<b>291,780</b>	<b>785,446</b>

#### 4.3.7. Classification of cargo

##### 4.3.7.1 Classification by type

Goods	SHORT SEA SHIPPING			Exterior			TOTAL		
	Loading	Unloading	TOTAL	Loading	Unloading	TOTAL	Loading	Unloading	TOTAL
0 unclassified	10	20	<b>29</b>	3,272	923	<b>4,196</b>	<b>3,282</b>	<b>943</b>	<b>4,225</b>
1 CRUDE OIL	841	70	<b>911</b>	123	6	<b>129</b>	<b>964</b>	<b>76</b>	<b>1,040</b>
2 FUEL-OIL	877	408,109	<b>408,986</b>	1,868	13,050	<b>14,918</b>	<b>2,745</b>	<b>421,159</b>	<b>423,904</b>
3 DIESEL FUELS	28,403	150,025	<b>178,428</b>	8,561	2,494,945	<b>2,503,506</b>	<b>36,964</b>	<b>2,644,970</b>	<b>2,681,934</b>
4 GASOLINE	6,984	625,508	<b>632,492</b>	42,211	591,240	<b>633,451</b>	<b>49,195</b>	<b>1,216,748</b>	<b>1,265,943</b>
5 ASPHALT	38	0	<b>38</b>	28	0	<b>28</b>	<b>66</b>	<b>0</b>	<b>66</b>
6 OTHER OIL PRODUCTS	1,983	231	<b>2,213</b>	23,876	78,429	<b>102,305</b>	<b>25,859</b>	<b>78,660</b>	<b>104,519</b>
7 OIL-BASED ENERGY GASES	33,101	18,580	<b>51,681</b>	4,591	105,111	<b>109,703</b>	<b>37,693</b>	<b>123,691</b>	<b>161,384</b>
8 IRON ORE	154	22	<b>176</b>	74	721	<b>794</b>	<b>227</b>	<b>743</b>	<b>970</b>
9 PIRITES, BURNT PIRITES	0	0	<b>0</b>	3,939	20,745	<b>24,684</b>	<b>3,939</b>	<b>20,745</b>	<b>24,684</b>
10 OTHER MINERALS	41,571	9,414	<b>50,985</b>	130,115	247,132	<b>377,247</b>	<b>171,686</b>	<b>256,545</b>	<b>428,232</b>
11 SCRAP IRON	2,785	79,865	<b>82,650</b>	22,019	18,480	<b>40,500</b>	<b>24,804</b>	<b>98,345</b>	<b>123,149</b>
12 COALS	5,749	984	<b>6,733</b>	43	232,827	<b>232,870</b>	<b>5,792</b>	<b>233,811</b>	<b>239,603</b>
13 STEEL PRODUCTS	97,367	883	<b>98,251</b>	136,632	1,138,323	<b>1,274,955</b>	<b>234,000</b>	<b>1,139,206</b>	<b>1,373,206</b>
14 PHOSPHATES	10	0	<b>10</b>	309	1,964	<b>2,273</b>	<b>319</b>	<b>1,964</b>	<b>2,283</b>
15 POTASH	26,419	0	<b>26,419</b>	312,740	25,415	<b>338,155</b>	<b>339,158</b>	<b>25,415</b>	<b>364,574</b>
16 NATURAL/ARTIFICIAL FERTILISER	7,231	29	<b>7,260</b>	13,555	25,876	<b>39,431</b>	<b>20,786</b>	<b>25,905</b>	<b>46,691</b>
17 CHEMICAL PRODUCTS	291,267	137,185	<b>428,452</b>	1,391,215	1,274,299	<b>2,665,514</b>	<b>1,682,483</b>	<b>1,411,484</b>	<b>3,093,966</b>
18 CEMENT AND CLINKER	271,518	369,590	<b>641,108</b>	211,892	15,872	<b>227,764</b>	<b>483,411</b>	<b>385,461</b>	<b>868,872</b>
19 WOOD	25,552	6,133	<b>31,685</b>	8,650	76,828	<b>85,478</b>	<b>34,201</b>	<b>82,961</b>	<b>117,162</b>
20 OTHER BUILDING MATERIALS	219,221	2,531	<b>221,751</b>	235,666	95,264	<b>330,930</b>	<b>454,886</b>	<b>97,795</b>	<b>552,681</b>
21 CEREALS AND FLOURS	25,744	2,309	<b>28,054</b>	10,874	472,399	<b>483,272</b>	<b>36,618</b>	<b>474,708</b>	<b>511,326</b>

Goods	SHORT SEA SHIPPING			Exterior			TOTAL		
	Loading	Unloading	TOTAL	Loading	Unloading	TOTAL	Loading	Unloading	TOTAL
22 SOYA BEAN AND FLOUR	497	0	<b>497</b>	65	1,328,082	<b>1,328,147</b>	562	<b>1,328,082</b>	<b>1,328,644</b>
23 FRUIT, VEGETABLES AND PULSES	64,238	51,578	<b>115,816</b>	19,985	193,858	<b>213,843</b>	84,223	<b>245,436</b>	<b>329,659</b>
24 WINES, DRINKS, ALCOHOLS AND DERIVATES	358,424	9,714	<b>368,138</b>	172,549	85,229	<b>257,778</b>	530,973	<b>94,943</b>	<b>625,916</b>
25 COMMON SALT	17,924	25,245	<b>43,169</b>	15,586	4,305	<b>19,891</b>	33,510	<b>29,549</b>	<b>63,060</b>
26 PAPER AND PASTE	38,159	41,546	<b>79,704</b>	528,280	130,662	<b>658,942</b>	566,439	<b>172,208</b>	<b>738,647</b>
27 TINNED GOODS	6,141	500	<b>6,641</b>	17,417	43,377	<b>60,794</b>	23,558	<b>43,877</b>	<b>67,435</b>
28 TOBACCO, COFFEE AND COCOA	12,634	199	<b>12,833</b>	40,063	255,141	<b>295,203</b>	52,696	<b>255,340</b>	<b>308,037</b>
29 OILS AND FATS	12,735	932	<b>13,667</b>	236,926	354,099	<b>591,025</b>	249,661	<b>355,031</b>	<b>604,692</b>
30 OTHER FOOD PRODUCTS	478,949	15,751	<b>494,701</b>	132,543	122,815	<b>255,358</b>	611,493	<b>138,566</b>	<b>750,059</b>
31 MACHINERY AND SPARE PARTS	96,335	11,848	<b>108,183</b>	345,953	585,834	<b>931,787</b>	442,288	<b>597,683</b>	<b>1,039,970</b>
32 CARS AND SPARE PARTS	100,245	25,523	<b>125,768</b>	659,550	425,693	<b>1,085,243</b>	759,795	<b>451,215</b>	<b>1,211,010</b>
33 FROZEN FISH	1,462	569	<b>2,031</b>	1,607	20,863	<b>22,470</b>	3,069	<b>21,432</b>	<b>24,501</b>
34 OTHER GOODS AS PER NATURE	594,259	83,094	<b>677,352</b>	624,345	1,290,574	<b>1,914,920</b>	1,218,604	<b>1,373,668</b>	<b>2,592,272</b>
35 NATURAL GAS	241	89,025	<b>89,266</b>	76	5,256,887	<b>5,256,963</b>	317	<b>5,345,912</b>	<b>5,346,229</b>
36 OTHER STEEL PRODUCTS	6,083	94	<b>6,178</b>	41,307	49,125	<b>90,432</b>	47,391	<b>49,219</b>	<b>96,610</b>
37 FEEDSTUFFS	125,002	1,574	<b>126,576</b>	117,186	42,295	<b>159,481</b>	242,188	<b>43,869</b>	<b>286,057</b>
38 TARE OF PLATFORMS AND TRUCKS (RO-RO)	776,009	735,342	<b>1,511,350</b>	222,891	207,797	<b>430,689</b>	998,900	<b>943,139</b>	<b>1,942,039</b>
39 TARES OF CONTAINERS ( O/D + TRANSIT )	335,656	327,926	<b>663,582</b>	1,577,603	1,631,329	<b>3,208,932</b>	1,913,259	<b>1,959,255</b>	<b>3,872,514</b>
40 NET CONTAINERISED GEN. CARGO IN TRANSIT	116	281	<b>397</b>	2,832,465	2,870,164	<b>5,702,630</b>	2,832,581	<b>2,870,446</b>	<b>5,703,027</b>
<b>TOTAL</b>	<b>4,111,931</b>	<b>3,232,229</b>	<b>7,344,160</b>	<b>10,148,654</b>	<b>21,827,977</b>	<b>31,976,631</b>	<b>14,260,585</b>	<b>25,060,206</b>	<b>39,320,791</b>

#### 4.3.7.2 Classification by type and presentation

Goods	Bulk liquids (tonnes)			Bulk solids (tonnes)			Gen cargo not containerised (tonnes)			Contain. Gen. cargo (tonnes)		
	Loading	Unloading	TOTAL	Loading	Unloading	TOTAL	Loading	Unloading	TOTAL	Loading	Unloading	TOTAL
0 unclassified	0	0	<b>0</b>	0	0	<b>0</b>	11	0	<b>11</b>	3,271	943	<b>4,214</b>
1 CRUDE OIL	0	0	<b>0</b>	0	0	<b>0</b>	806	70	<b>876</b>	158	6	<b>164</b>
2 FUEL-OIL	128	421,140	<b>421,268</b>	0	0	<b>0</b>	89	0	<b>89</b>	2,528	19	<b>2,547</b>
3 DIESEL FUELS	36,879	2,644,955	<b>2,681,834</b>	0	0	<b>0</b>	0	0	<b>0</b>	85	15	<b>100</b>
4 GASOLINE	48,214	1,216,631	<b>1,264,846</b>	0	0	<b>0</b>	158	45	<b>203</b>	822	72	<b>894</b>
5 ASPHALT	0	0	<b>0</b>	0	0	<b>0</b>	0	0	<b>0</b>	66	0	<b>66</b>
6 OTHER OIL PRODUCTS	7	61,462	<b>61,469</b>	0	0	<b>0</b>	1,047	605	<b>1,652</b>	24,805	16,593	<b>41,398</b>
7 OIL-BASED ENERGY GASES	510	118,323	<b>118,833</b>	0	0	<b>0</b>	27,778	3,363	<b>31,141</b>	9,405	2,005	<b>11,409</b>
8 IRON ORE	0	0	<b>0</b>	0	0	<b>0</b>	151	47	<b>198</b>	76	696	<b>772</b>
9 PIRITES, BURNT PIRITES	0	0	<b>0</b>	0	0	<b>0</b>	3,505	7,558	<b>11,063</b>	435	13,187	<b>13,621</b>
10 OTHER MINERALS	0	0	<b>0</b>	147,042	147,042	<b>294,084</b>	26,523	10,944	<b>37,467</b>	145,164	98,559	<b>243,722</b>
11 SCRAP IRON	0	0	<b>0</b>	2,516	10,416	<b>12,933</b>	134	40,287	<b>40,421</b>	22,154	47,642	<b>69,796</b>
12 COALS	0	0	<b>0</b>	0	215,112	<b>215,112</b>	4,453	518	<b>4,971</b>	1,339	18,181	<b>19,520</b>
13 STEEL PRODUCTS	0	0	<b>0</b>	0	0	<b>0</b>	99,118	918,448	<b>1,017,566</b>	134,881	220,758	<b>355,640</b>
14 PHOSPHATES	0	0	<b>0</b>	0	0	<b>0</b>	0	21	<b>21</b>	319	1,943	<b>2,262</b>
15 POTASH	0	0	<b>0</b>	337,710	23,875	<b>361,585</b>	487	0	<b>487</b>	961	1,540	<b>2,502</b>
16 NATURAL/ARTIFICIAL FERTILISER	0	6,085	<b>6,085</b>	0	13,257	<b>13,257</b>	5,160	0	<b>5,160</b>	15,625	6,563	<b>22,188</b>
17 CHEMICAL PRODUCTS	205,211	647,732	<b>852,943</b>	0	32,481	<b>32,481</b>	126,979	68,941	<b>195,921</b>	1,350,293	662,330	<b>2,012,622</b>
18 CEMENT AND CLINKER	0	0	<b>0</b>	370,324	385,018	<b>755,342</b>	47,904	97	<b>48,001</b>	65,183	346	<b>65,529</b>
19 WOOD	0	0	<b>0</b>	0	0	<b>0</b>	17,594	56,187	<b>73,782</b>	16,607	26,774	<b>43,381</b>
20 OTHER BUILDING MATERIALS	0	0	<b>0</b>	0	0	<b>0</b>	132,068	10,080	<b>142,148</b>	322,818	87,715	<b>410,533</b>
21 CEREALS AND FLOURS	0	0	<b>0</b>	0	459,893	<b>459,893</b>	10,248	1,144	<b>11,392</b>	26,370	13,671	<b>40,041</b>
22 SOYA BEAN AND FLOUR	0	0	<b>0</b>	0	1,326,380	<b>1,326,380</b>	24	0	<b>24</b>	538	1,702	<b>2,240</b>

Goods	Bulk liquids (tonnes)			Bulk solids (tonnes)			Gen cargo not containerised (tonnes)			Contain. Gen. cargo (tonnes)		
	Loading	Unloading	TOTAL	Loading	Unloading	TOTAL	Loading	Unloading	TOTAL	Loading	Unloading	TOTAL
23 FRUIT, VEGETABLES AND PULSES	0	0	0	0	39,555	39,555	56,864	42,656	99,520	27,358	163,225	190,584
24 WINES, DRINKS, ALCOHOLS AND DERIVATES	1,108	8,003	9,111	0	0	0	144,670	3,156	147,826	385,195	83,784	468,979
25 COMMON SALT	0	0	0	27,054	28,840	55,894	688	336	1,024	5,768	374	6,142
26 PAPER AND PASTE	0	0	0	0	0	0	38,968	32,179	71,147	527,471	140,029	667,500
27 TINNED GOODS	0	0	0	0	0	0	1,005	79	1,084	22,553	43,798	66,351
28 TOBACCO, COFFEE AND COCOA	0	0	0	0	0	0	1,411	1	1,412	51,285	255,339	306,624
29 OILS AND FATS	146,149	348,130	494,279	0	0	0	21,528	3,459	24,987	81,983	3,443	85,426
30 OTHER FOOD PRODUCTS	0	35,591	35,591	0	0	0	391,294	14,997	406,292	220,198	87,978	308,176
31 MACHINERY AND SPARE PARTS	0	0	0	0	0	0	79,486	86,046	165,532	362,802	511,636	874,438
32 CARS AND SPARE PARTS	0	0	0	0	0	0	598,807	350,742	949,549	160,988	100,474	261,462
33 FROZEN FISH	0	0	0	0	0	0	1,981	695	2,677	1,088	20,736	21,824
34 OTHER GOODS AS PER NATURE	170	0	170	0	6,609	6,609	498,281	232,299	730,580	720,554	1,143,218	1,863,771
35 NATURAL GAS	0	5,124,668	5,124,668	0	0	0	181	221,219	221,400	136	25	161
36 OTHER STEEL PRODUCTS	0	0	0	0	0	0	6,072	4,046	10,118	41,319	45,173	86,492
37 FEEDSTUFFS	0	0	0	25,225	17,000	42,225	33,865	6,729	40,594	183,099	20,139	203,238
38 TARE OF PLATFORMS AND TRUCKS (RO-RO)	0	0	0	0	0	0	997,694	942,963	1,940,656	1,207	176	1,383
39 TARES OF CONTAINERS ( O/D + TRANSIT )			0			0			0	1,912,858	1,950,798	3,863,656
40 NET CONTAINERISED GEN. CARGO IN TRANSIT			0			0			0	2,832,581	2,870,446	5,703,027
<b>TOTAL</b>	<b>438,377</b>	<b>10,632,721</b>	<b>11,071,098</b>	<b>762,829</b>	<b>2,705,477</b>	<b>3,468,306</b>	<b>3,377,032</b>	<b>3,059,957</b>	<b>6,436,989</b>	<b>9,682,347</b>	<b>8,662,051</b>	<b>18,344,398</b>

#### 4.3.7.3 Classification of goods in transit by type

Goods	SHORT SEA SHIPPING			Exterior			TOTAL		
	Loading	Unloading	TOTAL	Loading	Unloading	TOTAL	Loading	Unloading	TOTAL
0 unclassified	0	0	0	303	313	615	303	313	615
1 CRUDE OIL	0	0	0	643	571	1,214	643	571	1,214
2 FUEL-OIL	0	0	0	263	263	526	263	263	526
3 DIESEL FUELS	0	0	0	55	65	120	55	65	120
4 GASOLINE	0	0	0	35	35	70	35	35	70
5 ASPHALT	0	0	0	1,670	1,691	3,361	1,670	1,691	3,361
6 OTHER OIL PRODUCTS	0	0	0	13,174	13,918	27,092	13,174	13,918	27,092
7 OIL-BASED ENERGY GASES	0	0	0	1,632	1,679	3,312	1,632	1,679	3,312
8 IRON ORE	0	0	0	520	520	1,041	520	520	1,041
10 OTHER MINERALS	20	0	20	155,681	159,702	315,383	155,701	159,702	315,403
11 SCRAP IRON	0	0	0	4,833	4,879	9,712	4,833	4,879	9,712
12 COALS	0	0	0	12,678	13,083	25,762	12,678	13,083	25,762
13 STEEL PRODUCTS	0	0	0	75,503	80,045	155,548	75,503	80,045	155,548
14 PHOSPHATES	0	0	0	1,707	1,726	3,434	1,707	1,726	3,434
15 POTASH	0	0	0	88	257	345	88	257	345
16 NATURAL/ARTIFICIAL FERTILISER	0	0	0	9,283	9,638	18,921	9,283	9,638	18,921
17 CHEMICAL PRODUCTS	0	4	4	426,225	430,050	856,275	426,225	430,054	856,279
18 CEMENT AND CLINKER	0	0	0	2,759	2,759	5,517	2,759	2,759	5,517
19 WOOD	0	0	0	55,848	55,809	111,657	55,848	55,809	111,657
20 OTHER BUILDING MATERIALS	0	29	29	239,447	246,918	486,364	239,447	246,946	486,393
21 CEREALS AND FLOURS	0	0	0	42,082	38,852	80,935	42,082	38,852	80,935
22 SOYA BEAN AND FLOUR	0	0	0	251	243	494	251	243	494
23 FRUIT, VEGETABLES AND PULSES	20	0	20	120,419	116,014	236,433	120,439	116,014	236,453
24 WINES, DRINKS, ALCOHOLS AND DERIVATES	0	33	33	152,013	153,125	305,138	152,013	153,158	305,171
25 COMMON SALT	0	0	0	7,588	8,847	16,435	7,588	8,847	16,435
26 PAPER AND PASTE	0	0	0	130,143	133,036	263,179	130,143	133,036	263,179
27 TINNED GOODS	42	3	46	91,670	97,693	189,363	91,712	97,696	189,409

Goods	SHORT SEA SHIPPING			Exterior			TOTAL		
	Loading	Unloading	TOTAL	Loading	Unloading	TOTAL	Loading	Unloading	TOTAL
28 TOBACCO, COFFEE AND COCOA	0	0	0	135,784	137,954	273,739	135,784	137,954	273,739
29 OILS AND FATS	0	0	0	38,956	40,150	79,107	38,956	40,150	79,107
30 OTHER FOOD PRODUCTS	22	22	44	269,657	271,177	540,834	269,678	271,199	540,878
31 MACHINERY AND SPARE PARTS	0	12	12	136,890	142,219	279,109	136,890	142,231	279,121
32 CARS AND SPARE PARTS	0	50	50	79,045	79,643	158,688	79,045	79,693	158,738
33 FROZEN FISH	0	0	0	9,290	8,195	17,485	9,290	8,195	17,485
34 OTHER GOODS AS PER NATURE	11	128	139	565,969	569,294	1,135,263	565,980	569,422	1,135,402
36 OTHER STEEL PRODUCTS	0	0	0	21,095	20,816	41,911	21,095	20,816	41,911
37 FEEDSTUFFS	0	0	0	28,526	28,545	57,071	28,526	28,545	57,071
38 TARE OF PLATFORMS AND TRUCKS (RO-RO)	0	0	0	741	438	1,179	741	438	1,179
39 TARE OF CONTAINERS	0	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>116</b>	<b>281</b>	<b>397</b>	<b>2,832,465</b>	<b>2,870,164</b>	<b>5,702,630</b>	<b>2,832,581</b>	<b>2,870,446</b>	<b>5,703,027</b>

#### 4.3.7.4 Classification of goods by NST-2000

#### 4.4. Local or river traffic

Interior Traffic:

No data

#### 4.5. Ship supplies

Victualling	Tonnes
Liquid fuels	439,528
Water	380,017
Ice	
Provisions	54,376
Various	
<b>TOTAL</b>	<b>873,921</b>

#### 4.6. Fish catches

	Weight (kg)	Value at first sale (euros)
Molluscs	132,523	
Crustaceans	62,198	
Fish	3,423,587	
<b>TOTAL FRESH FISH</b>	<b>3,618,308</b>	
Green cod	0	
<b>TOTAL FISH</b>	<b>3,618,308</b>	

#### 4.7. Container traffic

##### 4.7.1. 20-foot containers

	SHORT SEA SHIPPING		Exterior		TOTAL	
	Number	Tonnes	Number	Tonnes	Number	Tonnes
<b>EMBARKED</b>	<b>54,456</b>	<b>627,045</b>	<b>231,490</b>	<b>3,645,541</b>	<b>285,946</b>	<b>4,272,586</b>
With cargo	38,661	595,167	192,504	3,565,604	231,165	4,160,771
Empty	15,795	31,878	38,986	79,937	54,781	111,815
<b>DISEMBARKED</b>	<b>41,390</b>	<b>209,491</b>	<b>248,121</b>	<b>3,737,396</b>	<b>289,511</b>	<b>3,946,888</b>
With cargo	9,518	142,971	204,787	3,645,478	214,305	3,788,449
Empty	31,872	66,521	43,334	91,918	75,206	158,438
<b>TOTAL</b>	<b>95,846</b>	<b>836,537</b>	<b>479,611</b>	<b>7,382,937</b>	<b>575,457</b>	<b>8,219,473</b>
<b>With cargo</b>	<b>48,179</b>	<b>738,138</b>	<b>397,291</b>	<b>7,211,082</b>	<b>445,470</b>	<b>7,949,220</b>
<b>Empty</b>	<b>47,667</b>	<b>98,398</b>	<b>82,320</b>	<b>171,855</b>	<b>129,987</b>	<b>270,253</b>

##### 4.7.2. Containers over 20 foot

	SHORT SEA SHIPPING		Exterior		TOTAL	
	Number	Tonnes	Number	Tonnes	Number	Tonnes
<b>EMBARKED</b>	<b>55,910</b>	<b>990,881</b>	<b>276,636</b>	<b>4,418,880</b>	<b>332,546</b>	<b>5,409,761</b>
With cargo	51,867	976,403	201,224	4,118,896	253,091	5,095,299
Empty	4,043	14,477	75,412	299,984	79,455	314,462
<b>DISEMBARKED</b>	<b>58,115</b>	<b>338,038</b>	<b>279,788</b>	<b>4,377,126</b>	<b>337,903</b>	<b>4,715,164</b>
With cargo	12,296	154,522	225,588	4,161,460	237,884	4,315,981
Empty	45,819	183,516	54,200	215,666	100,019	399,182
<b>TOTAL</b>	<b>114,025</b>	<b>1,328,918</b>	<b>556,424</b>	<b>8,796,006</b>	<b>670,449</b>	<b>10,124,925</b>
<b>With cargo</b>	<b>64,163</b>	<b>1,130,925</b>	<b>426,812</b>	<b>8,280,356</b>	<b>490,975</b>	<b>9,411,281</b>
<b>Empty</b>	<b>49,862</b>	<b>197,993</b>	<b>129,612</b>	<b>515,651</b>	<b>179,474</b>	<b>713,644</b>



#### 4.7.3. Total containers of 20 foot and over

	SHORT SEA SHIPPING		Exterior		TOTAL	
	Number	Tonnes	Number	Tonnes	Number	Tonnes
<b>EMBARKED</b>	<b>110,366</b>	<b>1,617,926</b>	<b>508,126</b>	<b>8,064,421</b>	<b>618,492</b>	<b>9,682,347</b>
With cargo	90,528	1,571,571	393,728	7,684,500	<b>484,256</b>	<b>9,256,070</b>
Empty	19,838	46,355	114,398	379,921	<b>134,236</b>	<b>426,276</b>
<b>DISEMBARKED</b>	<b>99,505</b>	<b>547,529</b>	<b>527,909</b>	<b>8,114,522</b>	<b>627,414</b>	<b>8,662,051</b>
With cargo	21,814	297,493	430,375	7,806,938	<b>452,189</b>	<b>8,104,431</b>
Empty	77,691	250,036	97,534	307,584	<b>175,225</b>	<b>557,621</b>
<b>TOTAL</b>	<b>209,871</b>	<b>2,165,455</b>	<b>1,036,035</b>	<b>16,178,943</b>	<b>1,245,906</b>	<b>18,344,398</b>
<b>With cargo</b>	<b>112,342</b>	<b>1,869,064</b>	<b>824,103</b>	<b>15,491,438</b>	<b>936,445</b>	<b>17,360,501</b>
<b>Empty</b>	<b>97,529</b>	<b>296,391</b>	<b>211,932</b>	<b>687,505</b>	<b>309,461</b>	<b>983,897</b>

#### 4.7.4. Total containers of 20 foot and over in transit

	SHORT SEA SHIPPING		Exterior		TOTAL	
	Number	Tonnes	Number	Tonnes	Number	Tonnes
<b>EMBARKED</b>	<b>101</b>	<b>406</b>	<b>176,421</b>	<b>3,364,634</b>	<b>176,522</b>	<b>3,365,040</b>
With cargo	8	136	163,272	3,326,036	<b>163,280</b>	<b>3,326,172</b>
Empty	93	270	13,149	38,598	<b>13,242</b>	<b>38,868</b>
<b>DISEMBARKED</b>	<b>817</b>	<b>2,957</b>	<b>201,003</b>	<b>3,489,641</b>	<b>201,820</b>	<b>3,492,598</b>
With cargo	84	501	165,879	3,372,702	<b>165,963</b>	<b>3,373,203</b>
Empty	733	2,456	35,124	116,940	<b>35,857</b>	<b>119,395</b>
<b>TOTAL</b>	<b>918</b>	<b>3,363</b>	<b>377,424</b>	<b>6,854,275</b>	<b>378,342</b>	<b>6,857,638</b>
<b>With cargo</b>	<b>92</b>	<b>637</b>	<b>329,151</b>	<b>6,698,738</b>	<b>329,243</b>	<b>6,699,375</b>
<b>Empty</b>	<b>826</b>	<b>2,726</b>	<b>48,273</b>	<b>155,537</b>	<b>49,099</b>	<b>158,263</b>

#### 4.7.5. Total 20 foot equivalent containers (TEUS)

	SHORT SEA SHIPPING		Exterior		TOTAL	
	Number	Tonnes	Number	Tonnes	Number	Tonnes
<b>EMBARKED</b>	<b>166,256</b>	<b>1,617,926</b>	<b>784,738</b>	<b>8,064,421</b>	<b>950,993</b>	<b>9,682,347</b>
With cargo	142,375	1,571,571	594,942	7,684,500	<b>737,317</b>	<b>9,256,070</b>
Empty	23,881	46,355	189,796	379,921	<b>213,677</b>	<b>426,276</b>
<b>DISEMBARKED</b>	<b>157,611</b>	<b>547,529</b>	<b>807,889</b>	<b>8,114,522</b>	<b>965,500</b>	<b>8,662,051</b>
With cargo	34,108	297,493	656,158	7,806,938	<b>690,265</b>	<b>8,104,431</b>
Empty	123,504	250,036	151,732	307,584	<b>275,235</b>	<b>557,621</b>
<b>TOTAL</b>	<b>323,867</b>	<b>2,165,455</b>	<b>1,592,627</b>	<b>16,178,943</b>	<b>1,916,493</b>	<b>18,344,398</b>
<b>With cargo</b>	<b>176,482</b>	<b>1,869,064</b>	<b>1,251,100</b>	<b>15,491,438</b>	<b>1,427,582</b>	<b>17,360,501</b>
<b>Empty</b>	<b>147,385</b>	<b>296,391</b>	<b>341,527</b>	<b>687,505</b>	<b>488,912</b>	<b>983,897</b>

#### 4.7.6. 20 foot equivalent containers (TEUS) in transit

	SHORT SEA SHIPPING		Exterior		TOTAL	
	Number	Tonnes	Number	Tonnes	Number	Tonnes
<b>EMBARKED</b>	<b>151</b>	<b>406</b>	<b>264,286</b>	<b>3,364,634</b>	<b>264,437</b>	<b>3,365,040</b>
With cargo	9	136	245,009	3,326,036	245,018	3,326,172
Empty	142	270	19,277	38,598	19,419	38,868
<b>DISEMBARKED</b>	<b>1,285</b>	<b>2,957</b>	<b>307,982</b>	<b>3,489,641</b>	<b>309,267</b>	<b>3,492,598</b>
With cargo	110	501	249,475	3,372,702	249,585	3,373,203
Empty	1,175	2,456	58,507	116,940	59,682	119,395
<b>TOTAL</b>	<b>1,436</b>	<b>3,363</b>	<b>572,267</b>	<b>6,854,275</b>	<b>573,703</b>	<b>6,857,638</b>
<b>With cargo</b>	<b>119</b>	<b>637</b>	<b>494,484</b>	<b>6,698,738</b>	<b>494,603</b>	<b>6,699,375</b>
<b>Empty</b>	<b>1,317</b>	<b>2,726</b>	<b>77,784</b>	<b>155,537</b>	<b>79,101</b>	<b>158,263</b>

#### 4.7.7. Goods transported in containers classified by type

Goods	SHORT SEA SHIPPING			Exterior			TOTAL		
	Loading	Unloading	TOTAL	Loading	Unloading	TOTAL	Loading	Unloading	TOTAL
0 unclassified	10	20	29	3,564	1,236	4,801	3,574	1,256	4,830
1 CRUDE OIL	35	0	35	766	577	1,343	801	577	1,378
2 FUEL-OIL	797	0	797	1,994	580	2,276	2,791	282	3,073
3 DIESEL FUELS	42	0	42	99	80	179	140	80	220
4 GASOLINE	739	72	811	119	35	154	857	107	964
5 ASPHALT	38	0	38	1,698	1,691	3,389	1,736	1,691	3,427
6 OTHER OIL PRODUCTS	1,359	149	1,508	36,619	30,362	66,981	37,978	30,511	68,489
7 OIL-BASED ENERGY GASES	4,813	55	4,869	6,224	3,629	9,853	11,037	3,684	14,721
8 IRON ORE	3	0	3	594	1,216	1,810	597	1,216	1,813
9 PIRITES, BURNT PIRITES	0	0	0	435	13,187	13,621	435	13,187	13,621
10 OTHER MINERALS	30,315	3,633	33,948	270,550	254,627	525,177	300,865	258,261	559,125
11 SCRAP IRON	192	39,546	39,738	26,795	12,975	39,770	26,987	52,521	79,508
12 COALS	1,296	491	1,787	12,721	30,773	43,494	14,017	31,264	45,281
13 STEEL PRODUCTS	55,009	400	55,409	155,375	300,404	455,779	210,384	300,804	511,188
14 PHOSPHATES	10	0	10	2,016	3,669	5,685	2,026	3,669	5,696
15 POTASH	23	0	23	1,027	1,798	2,824	1,049	1,798	2,847
16 NATURAL/ARTIFICIAL FERTILISER	2,174	29	2,203	22,735	16,172	38,906	24,908	16,201	41,109
17 CHEMICAL PRODUCTS	180,197	44,167	224,364	1,596,320	1,048,216	2,644,537	1,776,518	1,092,383	2,868,901
18 CEMENT AND CLINKER	60,906	48	60,954	7,035	3,057	10,093	67,941	3,105	71,047
19 WOOD	8,238	72	8,311	64,217	82,510	146,727	72,455	82,583	155,038
20 OTHER BUILDING MATERIALS	112,994	949	113,943	449,271	333,713	782,984	562,265	334,662	896,926
21 CEREALS AND FLOURS	15,748	1,658	17,406	52,704	50,866	103,570	68,452	52,524	120,976
22 SOYA BEAN AND FLOUR	497	0	497	292	1,946	2,237	789	1,946	2,734
23 FRUIT, VEGETABLES AND PULSES	11,107	39,578	50,685	136,691	239,661	376,351	147,797	279,239	427,036
24 WINES, DRINKS, ALCOHOLS AND DERIVATES	214,327	6,762	221,089	322,881	230,180	553,061	537,208	236,942	774,150

Goods	SHORT SEA SHIPPING			Exterior			TOTAL		
	Loading	Unloading	TOTAL	Loading	Unloading	TOTAL	Loading	Unloading	TOTAL
25 COMMON SALT	1,882	6	<b>1,888</b>	11,474	9,215	<b>20,690</b>	<b>13,357</b>	<b>9,221</b>	<b>22,578</b>
26 PAPER AND PASTE	18,794	21,036	<b>39,830</b>	638,820	252,029	<b>890,849</b>	<b>657,614</b>	<b>273,065</b>	<b>930,679</b>
27 TINNED GOODS	5,646	503	<b>6,149</b>	108,620	140,991	<b>249,611</b>	<b>114,266</b>	<b>141,494</b>	<b>255,760</b>
28 TOBACCO, COFFEE AND COCOA	11,447	199	<b>11,646</b>	175,623	393,095	<b>568,717</b>	<b>187,069</b>	<b>393,294</b>	<b>580,363</b>
29 OILS AND FATS	10,642	912	<b>11,554</b>	110,297	42,681	<b>152,979</b>	<b>120,940</b>	<b>43,593</b>	<b>164,533</b>
30 OTHER FOOD PRODUCTS	97,486	5,015	<b>102,501</b>	392,390	354,162	<b>746,553</b>	<b>489,877</b>	<b>359,177</b>	<b>849,054</b>
31 MACHINERY AND SPARE PARTS	65,837	4,033	<b>69,869</b>	433,855	649,834	<b>1,083,690</b>	<b>499,692</b>	<b>653,867</b>	<b>1,153,559</b>
32 CARS AND SPARE PARTS	8,882	915	<b>9,797</b>	231,151	179,252	<b>410,403</b>	<b>240,033</b>	<b>180,167</b>	<b>420,200</b>
33 FROZEN FISH	385	528	<b>913</b>	9,993	28,402	<b>38,396</b>	<b>10,378</b>	<b>28,931</b>	<b>39,309</b>
34 OTHER GOODS AS PER NATURE	263,999	56,451	<b>320,450</b>	1,022,534	1,656,189	<b>2,678,723</b>	<b>1,286,533</b>	<b>1,712,640</b>	<b>2,999,173</b>
35 NATURAL GAS	60	0	<b>60</b>	76	25	<b>101</b>	<b>136</b>	<b>25</b>	<b>161</b>
36 OTHER STEEL PRODUCTS	4,285	54	<b>4,339</b>	58,128	65,935	<b>124,064</b>	<b>62,414</b>	<b>65,989</b>	<b>128,403</b>
37 FEEDSTUFFS	92,062	708	<b>92,770</b>	119,563	47,976	<b>167,539</b>	<b>211,625</b>	<b>48,684</b>	<b>260,309</b>
38 TARE OF PLATFORMS AND TRUCKS (RO-RO)	396	43	<b>439</b>	1,551	571	<b>2,122</b>	<b>1,948</b>	<b>614</b>	<b>2,562</b>
39 TARE OF CONTAINERS	335,255	319,497	<b>654,751</b>	1,577,603	1,631,302	<b>3,208,905</b>	<b>1,912,858</b>	<b>1,950,798</b>	<b>3,863,656</b>
<b>TOTAL</b>	<b>1,617,926</b>	<b>547,529</b>	<b>2,165,455</b>	<b>8,064,421</b>	<b>8,114,522</b>	<b>16,178,943</b>	<b>9,682,347</b>	<b>8,662,051</b>	<b>18,344,398</b>

#### 4.8. General summary of maritime traffic

##### 4.8.1. General table number 1

Items	Tonnes	
	Partial	Totals
<b>BULK LIQUIDS</b>		<b>11,071,098</b>
Oil Products	4,674,484	
NATURAL GAS	5,346,229	
Other liquids	1,050,385	
<b>BULK SOLIDS</b>		<b>3,468,306</b>
<b>GENERAL CARGO</b>		<b>24,781,387</b>
<b>INTERIOR TRAFFIC</b>		
<b>VICTUALLING</b>		<b>873,921</b>
Oil Products	439,528	
REST	434,393	
<b>FRESH FISH</b>		<b>3,618</b>
<b>TOTAL</b>		<b>40,198,330</b>

#### 4.8.2. General table number 2 (Including local traffic, supplies and fishing)

Items	Tonnes	
	Partial	Totals
Goods embarked		15,134,506
Goods disembarked		25,063,824
Goods transshipped		0
<b>TOTAL</b>		<b>40,198,330</b>

#### 4.8.3. General table number 3

Items	Tonnes	
	Partial	Totals
<b>FOREIGN TRADE</b>		31,976,631
Import	21,827,977	
Export	10,148,654	
Transshipment	0	
<b>SHORT SEA SHIPPING</b>		7,344,160
<b>FRESH FISH, VICTUALLING AND INTERIOR TRAFFIC</b>		877,539
<b>TOTAL</b>		<b>40,198,330</b>

#### 4.9. Land traffic

Means of transport used for the entry or exit to the service area of the Port	Tonnes		
	Loaded in ship	Unloaded in ship	Total
RAIL	421,323	833,268	<b>1,254,591</b>
ROAD	10,347,175	15,293,196	<b>25,640,371</b>
PIPED	11,279	5,363,201	<b>5,374,480</b>
OTHER MEANS			
<b>TOTAL LAND TRANSPORT</b>	<b>10,779,777</b>	<b>21,489,665</b>	<b>32,269,442</b>
WITHOUT LAND TRANSPORT	3,480,808	3,570,541	<b>7,051,349</b>
<b>TOTAL</b>	<b>14,260,585</b>	<b>25,060,206</b>	<b>39,320,791</b>



## **5 Use of the Port**

**This chapter describes the activity at the Port of Barcelona during 2004 from a different perspective from that of the previous chapter. It offers data on the use of the many Port facilities, including the cargo loaded and unloaded on each wharf, the number of vessels entering dry dock and their tonnage, and the sum of the lengths of all vessels berthing at the Port in 2004.**

## **Introduction**

- 5.0. Use of wharves (t)**
- 5.1. Basins**
- 5.2. Pointed mooring**
- 5.3. Berths**
- 5.4. Area utilisation (t/day)**
- 5.5. Mechanical shore equipment.**
  - 5.5.1. Cranes**
  - 5.5.2. Special facilities**
- 5.6. Conveyor trucks**
- 5.7. Conveyor belts**
- 5.8. Mechanical shovels**
- 5.9. Railways shunting, locomotives**
- 5.10. Wagons**
- 5.11. Trucks**
- 5.12. Weighbridges**
- 5.13. Floating cranes**
- 5.14. Tugboats**
- 5.15. Slipways**
- 5.16. Floating dock**
- 5.17. Barges**
- 5.18. Dry dock**

## 5 Use of the Port

### 5.0. Use of wharves (t)

#### 5.1. Basins

Number of anchored vessels	0
G.T. of vessels anchored	0
G.T. per day anchored	0

#### 5.2. Pointed mooring

Number of moored vessels	9
G.T. of vessels moored	86,653
G.T. per day of vessels moored	-

#### 5.3. Berths

Number of vessels berthed	8,772
Linear metres of berths (sum of ship lengths)	1,367,002
Linear metres per day of berthing	-

#### 5.4. Area utilisation (t/day)

Areas	Covered	Open	Total
Area of wharves and others	0	1,990,109	1,990,109
<b>TOTAL</b>	0	1,990,109	1,990,109

#### 5.5. Mechanical shore equipment

##### 5.5.1. Cranes

Cranes in service	With hook or bucket	
	Hours	Tonnes
<b>FIXED OR ON RAILS</b>		
Vessel loading or unloading	1,436.00	269,051.00
Moving or lifting	-	-
<b>TOTAL</b>	1,436.00	269,051.00
<b>ON TYRES</b>		
Vessel loading or unloading	-	-
Moving or lifting	0	0
<b>TOTAL</b>	0	0

### 5.5.2. Special facilities

### 5.6. Conveyor trucks

Hours.- -

### 5.7. Conveyor belts

Hours.- -

### 5.8. Mechanical shovels

Hours.- -

### 5.9. Railways shunting, locomotives

Hours.- -

### 5.10. Wagons

No. wagons transported -

### 5.11. Trucks

Number of trucks entering the port -



## 5.12. Weighbridges

No. of weighings	-
Tonnes	-

## 5.13. Floating cranes

No. of services	-
Hours.-	-

## 5.14. Tugboats

No. of services	-
Hours.-	-

## 5.15. Slipways

Number of ships launched	-
Tonnes launched	-

## 5.16. Floating dock

No. of vessels	13
G.T.	50,362

## 5.17. Barges

No. of services	-
Hours.-	-

## 5.18. Dry dock

No. of vessels	24
G.T.	348,003



## 6 Construction works

**This chapter includes the investments in construction works that were partially or completely executed in 2004 by the Barcelona Port Authority. A description of the main projects is included.**



*The enlargement works of the Port of Barcelona have been co-financed by the European Union Cohesion Fund*

## **Introduction**

**6.1. Works in progress or completed during the year**

**6.2. Brief description of the most important works**

## 6 Construction works

### 6.1. Works in progress or completed during the year

Budget application	Ref EPPE	Name of the work	Net budget approved	Certified at source	Certified in the Year	Situation	
1	1.20	7212OP004	MODIFIED BUILDING PROJECT OF THE ENLARGEMENT OF THE EAST SEAWALL	197,284,124.18	73,882,133.15	46,250,000.00	Underway
2	1.20	7212OP005	MODIFIED BUILDING PROJECT OF THE SOUTH SEAWALL STRETCHES I AND 2	194,045,327.36	106,678,194.08	55,000,000.00	Underway
3	1.20	7239OP003	MODIFIED REMODELLING OF THE MONTJUIC LIGHTHOUSE	1,755,000.00	1,200,000.00	800,000.00	Underway
4	1.20	7239OP002	PORT CONTROL TOWER	3,348,220.17	0.00	0.00	Underway
5	1.20	7212OP010	SOUTH SEAWALL STRETCH 3	109,987,930.34	12,000,000.00	12,000,000.00	Underway
6	1.20	7213OP004	PRAT WHARF PHASE 1	51,343,995.37	1,000,000.00	1,000,000.00	Underway
7	1.20	7223OP037	REMODELLING BOSCH I ALSINA WHARF PHASE 3	4,857,134.00	4,857,134.00	4,057,134.00	Completed
8	1.20	7212OP015	COASTAL CORECTIVE MEASURES PHASE 3 B	2,195,000.24	2,195,000.24	2,195,000.24	Completed
9	1.20	7214OP006	ENLARGEMENT OF THE ADOSSAT WHARF PHASE 2 WHARF AND YARD	5,052,610.50	4,600,000.00	4,600,000.00	Underway
10	1.20	7239OP021	REMODELLING OF THE GROUND FLOOR APB HEADQUARTERS	688,583.97	688,583.97	102,779.55	Completed
11	1.20	7223OP048	REMODELLING PASSEIG DE LA BARCELONETA PROVISIONAL DEVELOPMENT OF THE PLAZA DEL MAR	615,875.73	615,875.73	615,875.73	Completed
12	1.20	7224OP010	REMODELLING OF THE BUILDING Pº JOAN DE BORBÓ 80-84. PHASE 3. ADAPTATION ENCLOSURES AND YARD	436,690.36	217,451.72	217,451.72	Completed
13	1.20	7212OP017	BUILDING PROJECT OF THE OUTER WALL OF THE NORTH ENTRANCE MOUTH	2,195,409.35	2,130,406.10	2,130,406.10	Completed
14	1.20	7224OP012	DITCH FOR PIPES ON THE INFLAMMABLES WHARF	418,160.59	418,160.59	418,160.59	Completed
15	1.20	7222OP027	COMPLEMENTARY WORKS OF THE RAIL TERMINAL PROJECT IN Z STREET	55,443.81	55,443.81	55,443.81	Completed
16	1.20	7224OC000	COMPLEMENTARY WORKS CIVIL ENGINEERING PROJECT AND FACILITIES FOR THE NEW DRAINAGE NETWORK WITHIN THE PORT 2000 AREA	381,564.06	381,564.06	381,564.06	Completed
17	1.20	7222PP004	CONNECTION OF A STREET WITH 114 STREET, DIVERSION OF F.G.C. LINE	394,906.38	394,906.38	394,906.38	Completed

Budget application	Ref EPPE	Name of the work	Net budget approved	Certified at source	Certified in the Year	Situation	
18	1.20	7291OP215	CONNECTION OF A STREET WITH 114 STREET SIGNPOSTING DIVERSION OF THE F.G.C. LINE	71,625.00	71,625.00	71,625.00	Completed
19	1.20	7222OP005	CONNECTION OF A STREET WITH 114 STREET, PHASE 1	381,169.14	381,169.14	381,169.14	Completed
20	1.20	7213OP017	REINFORCING THE WHARF ON THE FORMER VULCANO CONCESSION (Unión Naval de Barcelona)	219,680.18	219,680.18	219,680.18	Completed
21	1.20	7299VP001	VAT SUBSIDIES PAID FOR BY THE APB	35,763,000.00	11,425,265.99	4,592,123.34	Underway
22	1.20		OTHER ACTIONS	280,842.58	280,842.58	280,842.58	
<b>Total large budget works</b>					<b>135,764,162.41</b>		
<b>Payment balances</b>					<b>4,386,909.45</b>		
<b>Small budget works</b>					<b>4,821,684.47</b>		
<b>TOTAL</b>					<b>144,972,756.33</b>		

## 6.2. Brief description of the most important works

### 1 MODIFICATION OF THE BUILDING PROJECT FOR THE EXTENSION OF THE EAST SEAWALL

The current port was planned in the late sixties and early seventies, and its physical layout is very similar to that of the late eighties, which then handled some 18 million Tn. Therefore it should be noted that: Current traffic forecasts, which in 2000 were more than 30 million Tn, are way over the most optimistic figures of the 1989 Master Plan.

The Port of Barcelona is currently clearly suffering from a lack of space, because of the delay in the execution of the works foreseen in the Master Plan, caused by the laborious administrative processes required by a project of this scale, and also the notable increase in traffic over the last few years, especially in containers, vehicles and tourist cruisers, a sector in which Barcelona is currently the leading port in the Mediterranean.

The project consists of the construction of a sloping seawall 1,975 m long with a type section, subsequent to prior dredging of 3m, made up of solid concrete blocks of 50 Tn, resting on successive layers of rockpile with an emerging wall of solid concrete crowned at a height of +12.00.

### 2 MODIFICATION OF THE BUILDING PROJECT FOR THE ENLARGEMENT OF THE SOUTH SEAWALL STRETCHES 1 AND 2

The current port was planned in the late sixties and early seventies, and its physical layout is very similar to that of the late eighties, which then handled some 18 million Tn. Therefore it should be noted that: Current traffic forecasts, which in 2000 were more than 30 million Tn, are way over the most optimistic figures of the 1989 Master Plan.

The Port of Barcelona is currently clearly suffering from a lack of space, because of the delay in the execution of the works foreseen in the Master Plan, caused by the laborious administrative processes required by a project of this scale, and also the notable increase in traffic over the last few years, especially in containers, vehicles and tourist cruisers, a sector in which Barcelona is currently the leading port in the Mediterranean.

The project consists of the construction of a seawall with a total length of 3,700 m, divided into two stretches:

Stretch 1 is a sloping seawall 2,000 m long, made up of solid concrete blocks of up to 60 tonnes, resting on successive layers of rockpile with an emerging wall of solid concrete and crowned with an emerging solid concrete wall.

Stretch 2 is vertical seawall 1,700 m long made up concrete caissons measuring 24 x 17 m. These caissons rest upon on a banked stone rockpile, after prior dredging of the area, with an emerging wall of reinforced concrete.

The project also includes the building of enclosures annexed to the South Seawall, covering an area of 50 has, achieved by building a breakwater parallel to the coast and closures perpendicular to it, made up of rockpile, making it possible to fill with material.

### 3 MODIFICATION OF THE REMODELLING OF THE MONTJUÏC LIGHTHOUSE

As a result of the need for greater space for the Port Community, we envisage adapting the Montjuïc Lighthouse facilities for use as the PC's headquarters and the place for it to perform its activities.

This would involve enlarging and remodelling the lighthouse building including reinforcing the foundations of the building and the improving the structure, and adapting the new offices and services using by creating a new underground floor.

#### **4 PORT CONTROL TOWER**

A whole series of factors point to the advisability of setting up a port centre for traffic control and the coordination of vessel services. First of all, the increasingly complex nature of port traffic, due to a number of factors, like continually increasing traffic or the opening of the second entrance mouth - which will provide two access channels to the port -, or the future enlargement works, which will significantly increase the length of the berthing lines and the water areas (area I, anchorage areas, ...). And secondly, the building currently occupied by the pilots is in a precarious state, and is also affected by phase two of the enlargement of the Adossat wharf and the new uses planned for it, which means that this group needs to be shifted elsewhere. This involves building the control and watch tower of the port of Barcelona and an annex for the pilots and seafarers. There is also a proposal to build a parking area for 70 vehicles. The tower is 46 m tall, with 7 storeys, of which only the top three will be fitted, for control, and port navigation. The tower is to have a metal structure and the annex a concrete one. The project is planned to have all kinds of working facilities.

#### **5 ENLARGEMENT OF THE SOUTH SEAWALL STRETCH 3**

The current port was planned in the late sixties and early seventies, and its physical layout is very similar to that of the late eighties, which then handled some 18 million Tn. Therefore it should be noted that: Current traffic forecasts, which in 2000 were more than 30 million Tn, are way over the most optimistic figures of the 1989 Master Plan. The Port of Barcelona is currently clearly suffering from a lack of space, because of the delay in the execution of the works foreseen in the Master Plan, caused by the laborious administrative processes required by a project of this scale, and also the notable increase in traffic over the last few years, especially in containers, vehicles and tourist cruisers, a sector in which Barcelona is currently the leading port in the Mediterranean. This consists of the building of a sloping breakwater with a total length of 1,126 m corresponding to the end of the South Seawall, with a curved line, followed by a straight stretch and a hammer-shaped outer wall perpendicular to this. It is made up of 40-Tn solid concrete blocks in its outer layer, resting on successive layers of rockpile with an emerging wall of solid concrete crowned at a height of +11.00.

#### **6 PRAT WHARF PHASE I**

The Port of Barcelona's urgent need for new areas for port uses has led to the building of a new container terminal to meet existing demand. The planned works consist of the building of a wharf 1000 m. long with a minimum 16 m. draught made up of reinforced concrete caissons. This work will make it possible to generate an area of 81 Has. Included in this are the extrados of the wharf and the filling of some nearby areas.

#### **7 REMODELLING BOSCH I ALSINA WHARF. PHASE 3**

Following the actions carried out in 2001 and 2003 by Barcelona City Council and the Port of Barcelona, an Agreement was signed between Barcelona City Council, the Port of Barcelona and the concession holder of the car park (SMASSA), in which the Port's stakeholding increases to 59.75 % of the total of the work, in order to complete the the urban remodelling of the Bosch i Alsina wharf. The works consist of remodelling 15,500 m<sup>2</sup> of the public area between the Portal de la Pau square and Antonio López square, and between the Ronda Litoral ringroad and the Passeig Colom. They also involve remodelling a car park covering 7,300 m<sup>2</sup> located under this area managed by SMASSA and the building of two minor buildings.

#### **8 COASTAL CORRECTIVE MEASURES PHASE 3-B**

The terms of the Environmental Impact Study of the works foreseen in the Master Plan of the Port of Barcelona, indicate the need to create a beach near the right bank of the new mouth of the river Llobregat with a total contribution of sand of 3,500,000 m<sup>3</sup>, which has been carried out in a succession of projects. This project has involved the extraction of approximately 1,000,000 m<sup>3</sup> of sand from the existing beach located between the seawall of the right bank of the new course of the river Llobregat and the groyne of the outlet of the Bunyola Channel and moving it to the sandbank which will finally make it a beach as laid down in the Environmental Impact Study of the Master Plan of the Port of Barcelona. The sandbank designed will be topped at a width of 200 m, will be crowned at a height of +1.50, sloping 1:20 on the sea side and 1:5 on the land side.

#### **9 ENLARGEMENT OF PHASE 2 OF THE ADOSSAT WHARF AND YARD**

As a result of the building of "phase 2 of the Adossat wharf", which helps to meet the increase in cruise traffic, which was more than one million passengers in 2003, up 25% on the previous year, there is a need to build a wharf 325 m. long so that a passenger terminal can be built by Costa Cruceros on the existing 3.5 Has yard, as well as all the facilities related to this traffic, taxi ranks, buses, ships supplies and the flow of passengers. The work involves the building of a wharf of sheet piles 325 m. long and 12 m. deep, and the removal of the existing bank of quarry ballast located in the front part of the wharfside, with the necessary adaptations on its northern and southern tips.

#### **10 REMODELLING OF THE GROUND FLOOR APB HEADQUARTERS**

As a result of the CILSA offices moving to the ZAL, there is now room on the sea side of the building housing the headquarters of the APB, in the Portal de la Pau, which needs to be remodelled in order to adapt it to the needs for a conference room and offices to complement the Port's activities. This involves the adaptation of the old CILSA offices, to be turned into offices and conference areas measuring 534 m<sup>2</sup>. The existing services will be reestablished in the general hallway and will spell an improvement in access control and the inhabitability of the area.

#### **11 REMODELLING OF THE PASSEIG DE LA BARCELONETA AND PROVISIONAL DEVELOPMENT OF THE PLAZA DEL MAR**

This project is provisional, as the final urban development, pursuant to the agreement signed with the Barcelona City Council on the 30th November 2001, is part of the project of the definitive urban development of the La Barceloneta promenade, to be built at a later stage. This project, built on the top slab of the recently completed car park, has the necessary elements for the square to be used as a public area, albeit provisionally. This investment covered the provisional urban development of a yard upon a recently built car park covering 14,300 m<sup>2</sup>. The geometry and altimetry of the urban development are similar to those planned in the definitive urban development project for the Plaça del Mar. The project comprises drainage, lighting, planting, irrigation network and urban amenities.

## **12 REMODELLING OF THE BUILDING LOCATED ON Pº JOAN DE BORBÓ 80-84. PHASE 3. ADAPTATION OF THE CLOSURES AND YARD**

The better use of the existing facilities on the ground floor of the Passeig Joan de Borbó building and the improvement in Syncrolift operations located on the old slipway which is currently increasing its activities, requires the adaptation of this area to allow better operation of the existing activities.

It comprises the following actions:

- Enlarging the area of the ground floor premises of the building.
- Enlarging the Syncrolift, with a new lane 50 metres long.
- Building of a separation wall between the commercial activities of the ground floor of the building and the activities of the Syncrolift.
- Adaptation of the drainage network.

## **13 BUILDING PROJECT FOR THE OUTER WALL OF THE NORTH ENTRANCE MOUTH**

The recent storms that have affected Barcelona have shown that the wave energy directed into the port through the North Entrance mouth, although small, does to a certain extent affect the facilities located on the Sant Bertrán wharf that are sensitive to these changes in wave force.

The works comprise the building of an outer wall 33.75 metres long made up of reinforced concrete 13.00 metres deep and a superstructure crowned at a height of +6.00 to be filled in so as to provide the caisson the appropriate stability.

## **14 DITCH FOR PIPES ON THE INFLAMMABLES WHARF**

With the coming into service of the enlargement of the Inflammables wharf, there is a need to connect the current piping ditch on the Inflammables wharf with the new one built in the enlargement area to allow the concession-holders on the enlargement of the Inflammables wharf access to the existing berths for the loading/unloading of liquid bulks.

The work comprises the building of a 265.20 m. ditch 11.90 m. wide and an average height of 2 m.

The works include the excavation of the channel, building of the ditch and drainage using collectors.

## **15 COMPLEMENTARY WORKS OF THE RAIL TERMINAL PROJECT IN "Z"**

With the concessions by the new Rail Terminal in Z street affecting the enclosures of the UNILAND, CONTENOSA, TM-2 and CUSTOMS, these must be moved in order to respect the new clearance height required by the railway.

This project has involved building new perimeter separation walls with the UNILAND, CONTENOSA, TM-2 and Customs concessions that were affected by the new clearance heights for the railway providing access to the terminal in Z street. The length of this enclosure is 498 metres.

## **16 COMPLEMENTARY WORKS FOR THE CIVIL ENGINEERING WORKS AND INSTALLATIONS OF THE NEW DRAINAGE NETWORK WITHIN THE PORT 2000 AREA**

Due to the implantation of the new drainage network within the Port 2000 area, it is now necessary to organise the sectorial organisation of the emptying network in case of any possible malfunctioning of any of the service pipes or wells.

The actions envisaged were:

"Implantation of a remote control system for the sectorial valves of the service pipes of the emptying system.

"Duplicating the connection of the main well at Palau de Mar to the emptying network.

"Improvements in the network produced.

"Aquarium overflows

"Sailing Club overflow

"Cleaning of pumping wells in the old network, for emergency use.

"Collection of waters from boat cleaning in the Sailing and Maritime clubs.

"Other improvements (connections, accesses, etc.) in the network.

## **17 CONNECTION OF A STREET WITH 114 STREET, DIVERSION OF THE F.G.C. LINE**

As a result of establishing the connection between the current port area and the land on the right bank of the current flow of the river Llobregat for the Port enlargement works, a 410 metre stretch of the train line of the Ferrocarrils de la Generalitat has been diverted.

The project involved a diversion of 410.00 m. of the F.G.C. line in the PK-5-650 of Sant Boi to the Port. The track runs on ballast, except 100 m. on a concrete bed at the crossings with the access roads to the Z.A.L. and the course of the river.

## **18 CONNECTION OF A STREET TO 114 STREET SIGNALS FOR THE DIVERSION OF F.G.C. RAILWAY LINE**

The F.G.C. track has had to be diverted as a result of building a roundabout at the meeting of A and 114 streets of the Consortium of the Zona Franca, which will serve to channel vehicle traffic through the ford to be built over the current course of the river Llobregat.

This diversion was caused by the need to avoid the crossing of railway and road traffics within the roundabout.

The works comprised the supplying of track and the setting up of road signs, track warning and resetting switches, and the building and relocation of the relay boxes that could not be reused with the aim of maintaining the service.

It also included the civil engineering works necessary for the digging of ditches, channels using tubes under ballast and concrete, concrete podiums for signals and relay boxes.

## **19 CONNECTION OF A STREET WITH 114 STREET, PHASE 1**

The cutting off of the land area in the south port enlargement area after diversion of the River Llobregat has required this connection, which will allow access to the works area by linking A street situated in the Zona Franca with 114 street on the other side of the current course.

This project involved the first phase of the connection of A street with 114 street over a ford, performed in part by the ACA, as well as the building of a connection road between 114 street and 8 street.

## **20 REINFORCEMENT OF THE WHARF OF THE OLD VULCANO CONCESSION (Unión Naval de Barcelona)**

Due to the southern facing storms in the Catalunya wharf during April, next to the floating seawall in the Vulcano concession, structural damage has been detected on the wharf and pierhead that hinder the correct operation and safety of the wharf and its facilities.

This damage could be due to the recent opening of the North entrance mouth, which has caused a large amount of turbulence in that area.

Reinforcing of the wharf: Part of the wharf that was in an advanced state of disrepair has been rebuilt, including replacement of two bollards and building base anchoring for three more.

Reinforcing of the pierhead: Filling in of the holes in the core, by injecting concrete through perforations made from the surface.



## 7 Regular shipping lines



**7.1. Direct lines**

**7.2. Feeder lines**

## 7 Regular shipping lines

### 7.1. Direct lines

Shipowner	Shipping agent	Ports
<b>Southern and East Africa / Indian Ocean</b>		
MEDITERRANEAN SHIPP. CO	MEDITERRANEAN SHIPP. CO	Chiwan, Xiamen, Hong Kong, Durban, Cape Town, Sidney, Melbourne, Rio de Janeiro, Buenos Aires, Montevideo, Rio Grande, Felixstowe, Antwerp, Le Havre, Hamburg, Piraeus, Thessalonika, Mersin, Istanbul, Limassol, Alger, Casablanca.
<b>Canada (Atlantic) and Great Lakes</b>		
COSTA CONTAINER LINE	TRANSITAINER, S.A.	Vado Ligure, Barcelona, Valencia, Halifax, Havannah, Valencia, Salerno, Vado Ligure
CHINA SHIPPING CONTAINER LINES	CHINA SHIPPING (SPAIN) AGENCY	Barcelona, Valencia, Salalah, Port Kelang, Laem Chabang, Hong kong, Yantian, Shanghai, Ningbo, Pusan, Vancouver, Seattle, Dalian, Tianjin, Qindao, Lianyungang, Shanghai, Ningbo, Xiamen, Hong Kong, Chiwan, Port Kelang, Salalah, Malta, Salerno, Naples, Genoa, Fos, Barcelona
MELFI MARINE CORP. S.A.	PEREZ Y CIA.	Havannah, Naples, Genoa, Livorno, Barcelona, Valencia, Halifax, Havannah
<b>Australia and New Zealand/Pacific islands</b>		
MEDITERRANEAN SHIPP. CO	MEDITERRANEAN SHIPP. CO.	Chiwan, Xiamen, Hong Kong, Durban, Cape Town, Sidney, Melbourne, Rio de Janeiro, Buenos Aires, Montevideo, Rio Grande, Felixstowe, Antwerp, Le Havre, Hamburg, Piraeus, Thessalonika, Mersin, Istanbul, Limassol, Alger, Cassablanca.
<b>Pakistan/India/Sri Lanka/Bangladesh</b>		
UNITED ARAB SHIPPING COMPANY S.A.G. (U.A.S.C.)	NEPTUNE BARCELONA	Barcelona, Valencia, New York City, Norfolk, Savannah, Valencia, Genoa, Gioia Tauro, Suez, Aqaba, Jeddah, Khorfakkan, Karachi, Mundra, ava Sheva, Jebel Ali, Jeddah, Suez, Dekhezla, Gioia Tauro, La Spezia, Fos Sur Mer
EVERGREEN LINE	GREEN IBERICA	Trapani, Jeddah, Colombo, Port Kelang, Penggarang, Kaohsiung, Xiamen, Hong Kong
LLOYD TRIESTINO S.P.A.N.	GLOBAL CONTAINER SERVICE	Trapani, Jeddah, Colombo, Port Kelang, Penggarang, Kaohsiung, Xiamen, Hong Kong
NIPPON YUSEN KAISHA	CIAL COMBALIA SAGRERA	Nagoya, Singapore, Laem, Chabang, Nhava Sheva, Piraeus, Savona, Barcelona, Alger, Gibraltar, Bristol, Bremerhaven, Antwerp, Southampton, Vado Ligure, Jeddah, Abu Dhabi, Dubai, Qatar, Kuwait
SHIPPING INDIA CORP. LTD	A.M. CONDEMINAS	Colombo, Nhava Shava, Suez, Port Said, Barcelona, Felixstowe, Hamburg, Rotterdam, Colombo
YANG MING LINE	CATALANA DEL MAR, S.A.	Colombo, Nhava Shava, Suez, Port Said, Barcelona, Felixstowe, Hamburg, Rotterdam, Colombo
K LINE	BERGE MARITIMA	Colombo, Nhava Shava, Suez, Port Said, Barcelona, Felixstowe, Hamburg, Rotterdam, Colombo
MALAYSIAN INTER.SHIP.CORP.	MILS-MEDITERRANEAN INT. LOGIT.	Colombo, Nhava Shava, Suez, Port Said, Barcelona, Felixstowe, Hamburg, Rotterdam, Colombo
EVERGREEN LINE	GREEN IBERICA	Colombo, Nhava Shava, Suez, Port Said, Barcelona, Felixstowe, Hamburg, Rotterdam, Colombo
ZIM ISRAEL NAVIGATION	PEREZ Y CIA.	New York, Savannah, Los Angeles, Colombo, Nhava Shava, Haifa, Piraeus, Livorno, Barcelona, Buenos Aires, Rio de Janeiro, Montevideo, Santos, Lagos, Tema, Dakar
<b>Italy/France (Mediterranean)</b>		
COSCO CONTAINER LINE (COSCON)	COSCO IBERIA SHIP. AGENCY	Shanghai, Hong Kong, Sheku, Singapore, Port Kelang, Port Said, Naples, Genoa, Fos, Barcelona, Valencia, Port Said, Shanghai
YANG MING LINE	CATALANA DEL MAR, S.A.	Shanghai, Hong Kong, Sheku, Singapore, Port Kelang, Port Said, Naples, Genoa, Fos, Barcelona, Valencia, Port Said, Shanghai
K LINE	BERGE MARITIMA, S.A.	Shanghai, Hong Kong, Sheku, Singapore, Port Kelang, Port Said, Naples, Genoa, Fos, Barcelona, Valencia, Port Said, Shanghai
COSCO CONTAINER LINE (COSCON)	COSCO IBERIA SHIP. AGENCY	New York, Norfolk, Charleston, Naples, Genoa, Barcelona, New York
YANG MING LINE	CATALANA DEL MAR	New York, Norfolk, Charleston, Naples, Genoa, Barcelona, New York
K LINE	BERGE MARITIMA	New York, Norfolk, Charleston, Naples, Genoa, Barcelona, New York
FLOTA SUARDIAZ	VAPORES SUARDIAZ	Barcelona, Tarragona, Livorno, Genoa, Tarragona, Civitavechia, Salerno, Barcelona
CANADIAN PACIFIC	CP SHIPS AGENCIES SPAIN	Miami, Veracruz, Altamira, Houston, New Orleans, San Juan de P. Rico, Miami, GiogiaTauro, Livorno, Genoa, Barcelona, Valencia
NAVIBULGARE/Navig. Mrtme Bulgara.	AG.MARITIMA SEA SPAIN	Barcelona, Valencia, Genoa, Istanbul, Izmir, Beyrut, Alexandria, Mersin, Marseilles

Shipowner	Shipping agent	Ports
ZIM ISRAEL NAVIGATION	PEREZ Y CIA.	New York, Savannah, Los Angeles, Colombo, Nava Sheva, Haifa, Piraeus, Livorno, Barcelona, Buenos Aires, Rio de Janeiro, Montevideo, Santos, Lagos, Tema, Dakar
CONTENEMAR	CIA. BARCELONESA DE CONSIG.	Barcelona, Marseilles, Valencia, Casablanca, Barcelona
CNAM GROUP SPA	TRANSCOMA	Barcelona, Alger, Oran, Sete, Marseilles, Tunes
NORASIA SHIPPING CO	UNIVERSAL MARITIMA	Barcelona, Fos, Genoa, Malta, Damietta, Port Kelang, Hong Kong, Pusan, Shanghai, Hong Kong, Chiwan, Port Kelang
CIA MARITIME D'AFFRETAME	NAVISPAIN	Barcelona, Fos, Genoa, Malta, Damietta, Port Kelang, Hong Kong, Pusan, Shanghai, Hong Kong, Chiwan, Port Kelang
MAERSK LINE A.P. MOLLER	INTRAMEDITERRANEO	Algeciras, Livorno, Genoa, Fos, South Mer, Barcelona, Valencia, Algeciras, Abidjan, Lomé, Cotonou, Apapa, Tema, Akoradi, Abidjan, San Pedro, Dakar, Algeciras
NEPTUNE SHIPPING AGENCIES	NEPTUNE BARCELONA	Barcelona, Koper, Piraeus, Derince, Yenikoy, Borusan, Izmir, Livorno, Marseilles, Valencia
FAST LINE c/o DEMLINE MANAG.	UNIVERSAL MARITIMA	Barcelona, Castellon, Marseilles, Limassol, Alexandria, Port Said, Beirut
UNITED ARAB SHIPPING COMPANY S.A.G. (U.A.S.C.)	NEPTUNE BARCELONA	Barcelona, Valencia, New York City, Norfolk, Savannah, Valencia, Genoa, Gioia Tauro, Suez, Aqaba, Jeddah, Khorfakkan, Karachi, Mundra, Nava Sheva, Jebel Ali, Jeddah, Suez, Dekhezla, Gioia Tauro, La Spezia, Fos Sur Mer
BORCHARD LINES LTD.	MARMEDSA	Barcelona, Marseilles, Genoa, Salerno, Ashdod, Haifa, Alexandria, Limassol, Piraeus, Istanbul, Izmir
EVERGREEN LINE	GREEN IBERICA	Trapani, Jeddah, Colombo, Port Kelang, Penggarang, Kaohsiung, Xiamen, Hong Kong
LLOYD TRIESTINO S.P.A.N.	GLOBAL CONTAINER SERVICE	Trapani, Jeddah, Colombo, Port Kelang, Penggarang, Kaohsiung, Xiamen, Hong Kong
COMANV	SAMUEL M. BULL, S.A.	Casablanca, La Spezia, Barcelona, Casablanca.
NORDANA LINE	WECO AGENC. MARITIMA	San Juan, Rio Haina, Pto. Limon, Pto. Cortes, Sto. Tomas de Castilla, Veracruz, Houston, Charleston, Baltimore, Savannah, Valencia, Mostagarem, Alger, Genoa, Izmir, Latakia, Alexandria, Limassol, Piraeus, Livorno
YBARRA Y CIA SURAMERICANA, S.A.	BERGE & CIA.	Las Palmas, Barcelona, Genoa, Livorno, Fos, Valencia, Rio de Janeiro, Santos, Paranagua, Buenos Aires, Montevideo, Rio Grande, San Francisco do Sul, Salvador
ZIM INTEGRATED SHIPPING SERVICE	PEREZ Y CIA.	Las Palmas, Barcelona, Genoa, Livorno, Fos, Valencia, Rio de Janeiro, Santos, Paranagua, Buenos Aires, Montevideo, Rio Grande, San Francisco do Sul, Salvador
CIA LIBRA DE NAVEGAÇÃO	UNIVERSAL MARITIMA	Las Palmas, Barcelona, Genoa, Livorno, Fos, Valencia, Rio de Janeiro, Santos, Paranagua, Buenos Aires, Montevideo, Rio Grande, San Francisco do Sul, Salvador
COMPAGNIE MARITIME D'AFRETAMENT	NAVISPAIN	Las Palmas, Barcelona, Genoa, Livorno, Fos, Valencia, Rio de Janeiro, Santos, Paranagua, Buenos Aires, Montevideo, Rio Grande, San Francisco do Sul, Salvador
IGNAZIO MESSINA AND CO., SPA	WITTY, S.A.	Naples, Genoa, Marseilles, Sete, Barcelona, Castellon, Dakar, Conakry, Abidjan, Lomé, Douala, Takoradi, Lagos, Cotonou, San Pedro
K LINE *	BERGE MARITIMA/A.M. CONDEMINAS	Ashdod, Livorno, Barcelona, Zeebrugge, Southampton, Altamira, Veracruz, Galveston, Jacksonville, Baltimore, Newark
COSTA CONTAINER LINE	TRANSITAINER, S.A.	Vado Ligure, Barcelona, Valencia, Halifax, Havannah, Valencia, Salerno, Vado Ligure
TRANSPORTS SAM	TRANSITAINER, S.A.	Vado Ligure, Valencia, Barranquilla, Turbo, Moin, Rio Haina, Lisbon, Barcelona, V. Ligure
SUDCARGOS MARSELLA	MARITIMA SUDCARGOS S.A.	Marseilles, Barcelona, Valencia, Oran, Alger
CCNI CIA. CHILENA DE NAV. INTERN	NAV DEL ODIEL	Livorno, Genoa, Barcelona, Valencia, San Juan, La Guaira, Port Cabello, Cartagena, Guayaquil, Callao, Iquique, San Antonio
CSAV SHIPPING	UNIVERSAL MARITIMA	Livorno, Genoa, Barcelona, Valencia, San Juan, La Guaira, Port Cabello, Cartagena, Guayaquil, Callao, Iquique, San Antonio
TURKON CONTAINER	MARITIMA DAVILA, S.A.	Gemlik, Istanbul, Izmir, Genoa, Marseille, Barcelona, New York, Newportnews, Charleston, Lisbon, Antwerp, Felixstowe, Hamburg
GRANDI TRAGHETTI GILNAVI	TRANSCOMA	Barcelona, Vitoria, Rio de Janeiro, Santos, Paranagua, Rio Grande, Buenos Aires, Montevideo, Valencia, Genoa, Livorno
MARUBA	MARMEDSA	Barcelona, Vitoria, Rio de Janeiro, Santos, Paranagua, Rio Grande, Buenos Aires, Montevideo, Valencia, Genoa, Livorno
COSTA CONTAINER LINE	TRANSITAINER, S.A.	Barcelona, Vitoria, Rio de Janeiro, Santos, Paranagua, Rio Grande, Buenos Aires, Montevideo, Valencia, Genoa, Livorno
GRIMALDI GROUP NAPOLI	GRIMALDI LOGISTICA SPAIN	Gemlik, Salerno, Livorno, Fos, Barcelona, Valencia, Malta, Piraeus, Limassol, Ashood,
CHINA SHIPPING CONTAINER LINES	CHINA SHIPPING (SPAIN) AGENCY	Barcelona, Valencia, Salalah, Port Kelang, Laem Chabang, Hong kong, Yantian, Shanghai, Ningbo, Pusan, Vancouver, Seattle, Dalian, Tianjin, Qindao, Lianyungang, Shanghai, Ningbo, Xiamen, Hong Kong, Chiwan, Port Kelang, Salalah, Malta, Salerno, Naples, Genoa, Fos, Barcelona
MARFRET MARSEILLE	AG. MARIT ESPAÑOLA EVGE	Algeciras, Valencia, Sete, Genoa, Livorno, Barcelona, Algeciras, Fort de France, Basse Terre
CMA - CGM	NAVISPAIN	Algeciras, Valencia, Sete, Genoa, Livorno, Barcelona, Algeciras, Fort de France, Basse Terre

Shipowner	Shipping agent	Ports
MAERSK LINE/ A.P. MOLLER	INTRAMEDITERRANEO	Algeciras, Valencia, Sete, Genoa, Livorno, Barcelona, Algeciras, Fort de France, Basse Terre
MAERSK LINE/ A.P. MOLLER	MAERSK	Algeciras, Valencia, Sete, Genoa, Livorno, Barcelona, Algeciras, Fort de France, Basse Terre
ILVA S.P.A.	AMP SHIPPING SYSTEMS, S.L.	Thessalonika, Taranto, Genoa, Savona, Oporto, Nogaro, Barcelona
CMA - CGM	NAVISPAIN	Barcelona - Marseilles - Alger - Oran - Barcelona
EMES LINE SHIPPING	GREEN IBERICA	Barcelona, Cagliari, Piraeus, Izmir, Tunes, Valencia
MELFI MARINE CORP. S.A.	PEREZ Y CIA.	Havannah, Naples, Genoa, Livorno, Barcelona, Valencia, Halifax, Havannah
UNITED FEEDER SERVICE	IBERICA DE TRANSITOS	Cagliari, Barcelona, Valencia, Lisbon, Vigo, Bilbao
GRANDI NAVI VELOCI, S.P.A.	AG. MARITIMA CONDEMINAS	Genoa, Barcelona, Genoa
ATLANTICA SPA DI NAVIGAZIONE	CIA. TRASMEDITERRANEA	Barcelona, Civitavecchia
* Operates with two different shipping agents		
<b>Spain</b>		
FLOTA SUARDIAZ	VAPORES SUARDIAZ	Barcelona, Tarragona, Valencia, Las Palmas, Tenerife, Arrecife
FLOTA SUARDIAZ	VAPORES SUARDIAZ	Barcelona, Tarragona, Livorno, Genoa, Tarragona, Civitavecchia, Salerno, Barcelona
ISCOMAR	CIA. BARCELONESA DE CONSIG.	Barcelona, Palma de Majorca, Mahon, Ibiza, Barcelona
CONTENEMAR	CIA. BARCELONESA DE CONSIG.	Barcelona, Tarragona, Valencia, Alicante, Las Palmas de G.C., Tenerife, Fuerteventura Sta. Cruz Palma, Barcelona
NAVIERA PINILLOS S.A.	NAVIERA PINILLOS	Barcelona, Valencia, Arrecife, Las Palmas, Tenerife, Santa Cruz de la Palma, Alicante
NISA "NAVIMPORT INTERN. S.A."	ISAMAR	Las Palmas, Santa Cruz de Tenerife, Algeciras, Valencia, Barcelona
CIA. TRASATLANTICA	NAVIERA DEL ODIEL (CONTENOSA)	Las Palmas, Santa Cruz de Tenerife, Algeciras, Valencia, Barcelona
CIA. TRASMEDITERRANEA	CIA. TRASMEDITERRANEA	Barcelona, Palma, Ibiza, Mahon
CIA. TRASMEDITERRANEA	CIA. TRASMEDITERRANEA	Barcelona, Palma, Ibiza, Mahon
CIA. TRASMEDITERRANEA	CIA. TRASMEDITERRANEA	Barcelona, Palma, Ibiza, Mahon
CIA. TRASMEDITERRANEA	CIA. TRASMEDITERRANEA	Barcelona, Palma, Ibiza, Mahon
CIA. TRASMEDITERRANEA	CIA. TRASMEDITERRANEA	Barcelona, Palma, Ibiza, Mahon
CIA. TRASMEDITERRANEA	CIA. TRASMEDITERRANEA	Barcelona, Palma, Ibiza.
CIA. TRASMEDITERRANEA	CIA. TRASMEDITERRANEA	Barcelona, Ibiza
ISCOMAR	CIA. BARCELONESA DE CONSIG.	Barcelona, Palma de Majorca, Barcelona
FLOTA SUARDIAZ	VAPORES SUARDIAZ, S.A.	Valencia, Barcelona, Palma de Majorca, Ibiza, Menorca, Valencia
TTES. MARITIMOS ALCUDIA, S.A.	TTES. MARITIMOS ALCUDIA, S.A.	Barcelona, Palma, Mahon, Ibiza
EUROLINEAS MARITIMAS	EUROLINEAS MARITIMAS	Barcelona, Ibiza
EUROLINEAS MARITIMAS	EUROLINEAS MARITIMAS	Barcelona, Ciudadela, Alcudia
CIA TRASMEDITERRANEA	CIA. TRASMEDITERRANEA	Barcelona, Ibiza, Palma
<b>Central America and Caribbean</b>		
K LINE *	BERGE MARITIMA/A.M. CONDEMINAS	Ashdod, Livorno, Barcelona, Zeebrugge, Southampton, Altamira, Veracruz, Galveston, Jacksonville, Baltimore, Newark
COSTA CONTAINER LINE	TRANSITAINER, S.A.	Vado Ligure, Barcelona, Valencia, Halifax, Havannah, Valencia, Salerno, Vado Ligure
TRANSPORTS SAM	TRANSITAINER, S.A.	Vado Ligure, Valencia, Barranquilla, Turbo, Moin, Rio Haina, Lisbon, Barcelona, V. Ligure
MARFRET MARSEILLE	AG. MARIT ESPAÑOLA EVGE	Algeciras, Valencia, Sete, Genoa, Livorno, Barcelona, Algeciras, Fort de France, Basse Terre
CMA - CGM	NAVISPAIN	Algeciras, Valencia, Sete, Genoa, Livorno, Barcelona, Algeciras, Fort de France, Basse Terre
MAERSK LINE/ A.P. MOLLER	INTRAMEDITERRANEO	Algeciras, Valencia, Sete, Genoa, Livorno, Barcelona, Algeciras, Fort de France, Basse Terre
MAERSK LINE/ A.P. MOLLER	MAERSK	Algeciras, Valencia, Sete, Genoa, Livorno, Barcelona, Algeciras, Fort de France, Basse Terre
MELFI MARINE CORP. S.A.	PEREZ Y CIA.	Havannah, Naples, Genoa, Livorno, Barcelona, Valencia, Halifax, Havannah
* Operates with two different shipping agents		
<b>Eastern Mediterranean/Black Sea/Caspian/Near East</b>		
NAVIBULGARE/Navig. Mrtme Bulgara.	AG.MARITIMA SEA SPAIN	Barcelona, Valencia, Genoa, Istanbul, Izmir, Beirut, Alexandria, Mersin, Marseilles
P & O NEDLLOYD LTD.	P & O NEDLLOYD SPAIN	Barcelona, La Spezia, Fos, Damietta, Port Said, Singapore, Busan, Yokohama, Sanghai
MALAYSIAN INTER.SHIP.CORP.	M.I.L.S.	Barcelona, La Spezia, Fos, Damietta, Port Said, Singapore, Busan, Yokohama, Sanghai
ORIENT OVERSEAS CONTAINER LINE	MARITIMA DEL ORIENTE	Barcelona, La Spezia, Fos, Damietta, Port Said, Singapore, Busan, Yokohama, Sanghai
NIPPON YUSEN KAISHA	COMBALIA SAGRERA	Barcelona, La Spezia, Fos, Damietta, Port Said, Singapore, Busan, Yokohama, Sanghai

Shipowner	Shipping agent	Ports
NORASIA SHIPPING CO	UNIVERSAL MARITIMA	Barcelona, Fos, Genoa, Malta, Damietta, Port Kelang, Hong Kong, Pusan, Shanghai, Hong Kong, Chiwan, Port Kelang
CIA MARITIME D'AFFRETAME	NAVISPAIN	Barcelona, Fos, Genoa, Malta, Damietta, Port Kelang, Hong Kong, Pusan, Shanghai, Hong Kong, Chiwan, Port Kelang
NEPTUNE SHIPPING AGENCIES	NEPTUNE BARCELONA	Barcelona, Koper, Piraeus, Derince, Yenikoy, Borusan, Izmir, Livorno, Marseilles, Valencia
UNITED ARAB SHIPPING COMPANY S.A.G. (U.A.S.C.)	NEPTUNE BARCELONA	Barcelona, Valencia, New York City, Norfolk, Savannah, Valencia, Genoa, Gioia Tauro, Suez, Aqaba, Jeddah, Khorfakkan, Karachi, Mundra, Nhava Sheva, Jebel Ali, Jeddah, Suez, Dekhezla, Gioia Tauro, La Spezia, Fos Sur Mer
BORCHARD LINES LTD.	MARMEDSA	Barcelona, Marseilles, Genoa, Salerno, Ashdod, Haifa, Alexandria, Limassol, Piraeus, Istanbul, Izmir
NORDANA LINE	WECO AGENC. MARITIMA	San Juan, Rio Haina, Pto. Limon, Pto. Cortes, Sto. Tomas de Castilla, Veracruz, Houston, Charleston, Baltimore, Savana, Valencia, Mostaganem, Alger, Genoa, Izmir, Latakia, Alexandria, Limassol, Piraeus, Livorno
SARLIS CONTAINER SERVICES	COSIGMAR	Piraeus, Thessalonika, Beirut, Alexandria, Istanbul, Limassol, Lattakia, Valencia, Barcelona
MEDEX CONT. SERVICE LTD.	INTRAMEDITERRANEO	Valencia, Barcelona, Odesa, Ilyxchevsk, Constanza, Varna, Burgas, Malta, Tunes
K LINE *	BERGE MARITIMA/AG.MARITIMA CONDEMINAS	Ashdod, Livorno, Barcelona, Zeebrugge, Southampton, Altamira, Veracruz, Galveston, Jacksonville, Baltimore, Newark
WALLENIUS WILHEMSEN	AG. MARITIMA ESPAÑOLA EVGE	Bremerhaven, Southampton, Antwerp, Barcelona, Vado, Port Said
AMERICAN ROLL ON ROLL OFF CARRIER		Bremerhaven, Southampton, Antwerp, Barcelona, Vado, Port Said
EUKOR CAR CARRIERS INC.	BERGE MARITIMA, S.A.	Bremerhaven, Southampton, Antwerp, Barcelona, Vado, Port Said
NIPPON YUSEN KAISHA	CIAL COMBALIA SAGRERA	Nagoya, Singapore, Laem, Chabang, Nhava Sheva, Piraeus, Savona, Barcelona, Alger, Gibraltar, Bristol, Bremerhaven, Antwerp, Southampton, Vado Ligure, Jeddah, Abu Dhabi, Dubai, Qatar, Kuwait
MEDITERRANEAN SHIPP. CO	MEDITERRANEAN SHIPP. CO.	Chiwan, Xiamen, Hong Kong, Durban, Cape Town, Sidney, Melbourne, Rio de Janeiro, Buenos Aires, Montevideo, Rio Grande, Felixstowe, Antwerp, Le Havre, Hamburg, Piraeus, Thessalonika, Mersin, Istanbul, Limassol, Alger, Cassablanca
SHIPPING INDIA CORP. LTD	A.M. CONDEMINAS	Colombo, Nhava Shava, Suez, Port Said, Barcelona, Felixstowe, Hamburg, Rotterdam, Colombo
YANG MING LINE	CATALANA DEL MAR, S.A.	Colombo, Nhava Shava, Suez, Port Said, Barcelona, Felixstowe, Hamburg, Rotterdam, Colombo
K LINE	BERGE MARITIMA	Colombo, Nhava Shava, Suez, Port Said, Barcelona, Felixstowe, Hamburg, Rotterdam, Colombo
MALAYSIAN INTER.SHIP.CORP.	MILS-MEDITERRANEAN INT. LOGIT.	Colombo, Nhava Shava, Suez, Port Said, Barcelona, Felixstowe, Hamburg, Rotterdam, Colombo
EVERGREEN LINE	GREEN IBERICA	Colombo, Nhava Shava, Suez, Port Said, Barcelona, Felixstowe, Hamburg, Rotterdam, Colombo
TURKON CONTAINER	MARITIMA DAVILA, S.A.	Gemlik, Istanbul, Izmir, Genoa, Marseille, Barcelona, New York, Newportnews, Charleston, Lisbon, Antwerp, Felixstowe, Hamburg
GRIMALDI GROUP NAPOLI	GRIMALDI LOGISTICA SPAIN	Gemlik, Salerno, Livorno, Fos, Barcelona, Valencia, Malta, Piraeus, Limassol, Ashood,
ZIM ISRAEL NAVEGATION	PEREZ Y CIA.	Barcelona, Lisbon, New York, Savannah, Los Angeles, Valletta
P&O NED. LTD.	P&O NEDLLOYD LTD. SUC. SPAIN	Barcelona, Lisbon, New York, Savannah, Los Angeles, Valletta
HAPAG LLOYD	E.ERHARDT And CIA., S.A.	Barcelona, Lisbon, New York, Savannah, Los Angeles, Valletta
ILVA S.P.A.	AMP SHIPPING SYSTEMS, S.L.	Thessalonika, Taranto, Genoa, Savona, Oporto, Nogaro, Barcelona
EMES LINE SHIPPING	GREEN IBERICA	Barcelona, Cagliari, Piraeus, Izmir, Tunes, Valencia
ZIM ISRAEL NAVIGATION	PEREZ Y CIA.	New York, Savannah, Los Angeles, Colombo, Nhava Shava, Haifa, Piraeus, Livorno, Barcelona, Buenos Aires, Rio de Janeiro, Montevideo, Santos, Lagos, Tema, Dakar
FAST LINE c/or DEMLINE MANAG.	UNIVERSAL MARITIMA	Barcelona, Castellon, Marseilles, Limassol, Alexandria, Port Said, Beirut
* Operates with two different shipping agents		
<b>North America (US) Atlantic</b>		
COSCO CONTAINER LINE (COSCON)	COSCO IBERIA SHIP. AGENCY	New York, Norfolk, Charleston, Naples, Genoa, Barcelona, New York
YANG MING LINE	CATALANA DEL MAR	New York, Norfolk, Charleston, Naples, Genoa, Barcelona, New York
K LINE	BERGE MARITIMA	New York, Norfolk, Charleston, Naples, Genoa, Barcelona, New York
ZIM ISRAEL NAVIGATION	PEREZ Y CIA.	New York, Savannah, Los Angeles, Colombo, Nava Sheva, Haifa, Piraeus, Livorno, Barcelona, Buenos Aires, Rio de Janeiro, Montevideo, Santos, Lagos, Tema, Dakar
UNITED ARAB SHIPPING COMPANY S.A.G. (U.A.S.C.)	NEPTUNE BARCELONA	Barcelona, Valencia, New York City, Norfolk, Savannah, Valencia, Genoa, Gioia Tauro, Suez, Aqaba, Jeddah, Khorfakkan, Karachi, Mundra, Nava Sheva, Jebel Ali, Jeddah, Suez, Dekhezla, Gioia Tauro, La Spezia, Fos Sur Mer

Shipowner	Shipping agent	Ports
NORDANA LINE	WECO AGENC. MARITIMA	San Juan, Rio Haina, Pto. Limon, Pto. Cortes, Sto.Tomas de Castilla, Veracruz, Houston, Charleston, Baltimore, Savana, Valencia, Mostaganem, Alger, Genoa, Izmir, Latakia, Alexandria, Limassol, Piraeus, Livorno
K LINE *	BERGE MARITIMA / A.M.CONDEMINAS	Ashdod, Livorno, Barcelona, Zeebrugge, Southampton, Altamira, Veracruz, Galveston, Jacksonville, Baltimore, Newark
CHINA SHIPPING CONTAINER LINES	CHINA SHIPPING (SPAIN) AGENCY	Barcelona, Valencia, Salalah, Port Kelang, Laem Chabang, Hong kong, Yantian, Shanghai, Ningbo, Pusan, Vancouver, Seattle, Dalian, Tianjin, Qindao, Lianyungang, Shanghai, Ningbo, Xiamen, Hong Kong, Chiwan, Port Kelang, Salalah, Malta, Salerno, Naples, Genoa, Fos, Barcelona
ZIM ISRAEL NAVEGATION	PEREZ Y CIA.	Barcelona, Lisbon, New York, Savannah, Los Angeles, Valletta
P&O NED. LTD.	P&O NEDLLOYD LTD. SUC. SPAIN	Barcelona, Lisbon, New York, Savannah, Los Angeles, Valletta
HAPAG LLOYD	E. ERHARDT Y CIA., S.A.	Barcelona, Lisbon, New York, Savannah, Los Angeles, Valletta
* Operates with two different shipping agents		
<b>North Africa</b>		
HOLLAND MAAS	AG. MARITIMA ESPAÑOLA EVGE	Barcelona, Valencia, Casablanca, Barcelona
CONTENEMAR	CIA. BARCELONESA DE CONSIG.	Barcelona, Marseilles, Valencia, Casablanca, Barcelona
CNAM GROUP SPA	TRANSCOMA	Barcelona, Alger, Oran, Skikda, Annaba, Bejaia
ISCOMAR	CIA. BARCELONESA DE CONSIG.	Barcelona, Valencia, Oran, Alger, Barcelona
TARROS S.P.A.	REGULAR LINES	Barcelona, Valencia, Tunez
CIE.TUNISIEN.NAV.(COTUNAV)	ROMEU & CIA	Tunez, Barcelona, Tunez
COMANV	SAMUEL M. BULL, S.A.	Casablanca, La Spezia, Barcelona, Casablanca.
NORDANA LINE	WECO AGENC. MARITIMA	San Juan, Rio Haina, Pto. Limon, Pto. Cortes, Sto.Tomas de Castilla, Veracruz, Houston, Charleston, Baltimore, Savana, Valencia, Mostaganem, Alger, Genoa, Izmir, Latakia, Alexandria, Limassol, Piraeus, Livorno
CALTRAM	ISAMAR (IBESMAR-SAGEMAR)	Barcelona, Valencia, Alicante, Oran, Alger
MEDEX CONT. SERVICE LTD.	INTRAMEDITERRANEO	Valencia, Barcelona, Odesa, Ilyxchevsk, Constanza, Varna, Burgas, Malta, Tunez
SUDCARGOS MARSELLA	MARITIMA SUDCARGOS S.A.	Marseilles, Barcelona, Valencia, Oran, Alger
INT. MAR. TRANSPORT	VAPORES SUARDIAZ, S.A.	Casablanca, Valencia, Barcelona, Casablanca
S.I.U.S. DI NAVEGACIONE	VAPORES SUARDIAZ, S.A.	Casablanca, Valencia, Barcelona, Casablanca
COMANAV	SAMUEL M. BULL, S.A.	Casablanca, Valencia, Barcelona, Casablanca
CMA - CGM	NAVISPAIN	Barcelona - Marseilles - Alger - Oran - Barcelona
CNAM GROUP SPA	TRANSCOMA	Barcelona, Alger, Oran, Sete, Marseilles, Tunez
<b>Far East and Japan</b>		
COSCO CONTAINER LINE (COSCON)	COSCO IBERIA SHIP. AGENCY	Shanghai, Hong Kong, Sheku, Singapore, Port Kelang, Port Said, Naples, Genoa, Fos, Barcelona, Valencia, Port Said, Shanghai
YANG MING LINE	CATALANA DEL MAR, S.A.	Shanghai, Hong Kong, Sheku, Singapore, Port Kelang, Port Said, Naples, Genoa, Fos, Barcelona, Valencia, Port Said, Shanghai
K LINE	BERGE MARITIMA, S.A.	Shanghai, Hong Kong, Sheku, Singapore, Port Kelang, Port Said, Naples, Genoa, Fos, Barcelona, Valencia, Port Said, Shanghai
NISSAN MOTOR CAR CARRIER CO. LT	MARMEDSA	Jokohama, Kobe, Kanda, Kawasaki, Setubal, Dublin, Newcastle, Amsterdam, Bremerhaven, Le Havre, Jeddah, Muscat, Dubai, Kuwait, Bahrein, Abu Dhabi, Singapore, Keelung
HOEGH UGLAND AUTOLINERS S/A	MARMEDSA	Jokohama, Kobe, Kanda, Kawasaki, Setubal, Dublin, Newcastle, Amsterdam, Bremerhaven, Le Havre, Jeddah, Muscat, Dubai, Kuwait, Bahrein, Abu Dhabi, Singapore, Keelung
MITSUMI OSK LINE	TRANSCOMA	Barcelona, Singapore, Jokohama, Toyohashi, Kobe, Hiroshima, Nakanoseki, Nagoya, Yokkaichi
MEDITERRANEAN SHIPP. CO	MEDITERRANEAN SHIPP. CO.	Chiwan, Xiamen, Hong Kong, Durban, Cape Town, Sidney, Melbourne, Rio de Janeiro, Buenos Aires, Montevideo, Rio Grande, Felixstowe, Antwerp, Le Havre, Hamburg, Piraeus, Thessalonika, Mersin, Istanbul, Limassol, Alger, Cassablanca
CHINA SHIPPING CONTAINER LINES	CHINA SHIPPING (SPAIN) AGENCY	Barcelona, Valencia, Salalah, Port Kelang, Laem Chabang, Hong kong, Yantian, Shanghai, Ningbo, Pusan, Vancouver, Seattle, Dalian, Tianjin, Qindao, Lianyungang, Shanghai, Ningbo, Xiamen, Hong Kong, Chiwan, Port Kelang, Salalah, Malta, Salerno, Naples, Genoa, Fos, Barcelona
P & O NEDLLOYD LTD.	P & O NEDLLOYD ESPAÑA	Barcelona, La Spezia, Fos, Damietta, Port Said, Singapore, Busan, Yokohama, Sanghai
MALAYSIAN INTER.SHIP.CORP.	M.I.L.S.	Barcelona, La Spezia, Fos, Damietta, Port Said, Singapore, Busan, Yokohama, Sanghai
ORIENT OVERSEAS CONTAINER LINE	MARITIMA DEL ORIENTE	Barcelona, La Spezia, Fos, Damietta, Port Said, Singapore, Busan, Yokohama, Sanghai



Shipowner	Shipping agent	Ports
NIPPON YUSEN KAISHA	COMBALIA SAGRERA	Barcelona, La Spezia, Fos, Damietta, Port Said, Singapore, Busan, Yokohama, Shanghai
NORASIA SHIPPING CO	UNIVERSAL MARITIMA	Barcelona, Fos, Genoa, Malta, Damietta, Port Kelang, Hong Kong, Pusan, Shanghai, Hong Kong, Chiwan, Port Kelang
CIA MARITIME D'AFFRETAME	NAVISPAIN	Barcelona, Fos, Genoa, Malta, Damietta, Port Kelang, Hong Kong, Pusan, Shanghai, Hong Kong, Chiwan, Port Kelang
NIPPON YUSEN KAISHA	CIAL. COMBALIA SAGRERA	Nagoya, Singapore, Laem, Chabang, Nhava Sheva, Piraeus, Savona, Barcelona, Alger, Gibraltar, Bristol, Bremerhaven, Antwerp, Southampton, Vado Ligure, Jeddah, Abu Dhabi, Dubai, Qatar, Kuwait
<b>South America (Atlantic)</b>		
ZIM ISRAEL NAVIGATION	PEREZ Y CIA.	New York, Savannah, Los Angeles, Colombo, Nava Sheva, Haifa, Piraeus, Livorno, Barcelona, Buenos Aires, Rio de Janeiro, Montevideo, Santos, Lagos, Tema, Dakar
NORDANA LINE	WECO AGENC. MARITIMA	San Juan, Rio Haina, Pto. Limon, Pto. Cortes, Sto. Tomas de Castilla, Veracruz, Houston, Charleston, Baltimore, Savana, Valencia, Mostaganem, Alger, Genoa, Izmir, Latakia, Alexandria, Limassol, Piraeus, Livorno
YBARRA Y CIA SURAMERICANA, S.A.	BERGE & CIA.	Las Palmas, Barcelona, Genoa, Livorno, Fos, Valencia, Rio de Janeiro, Santos, Paranagua, Buenos Aires, Montevideo, Rio Grande, San Francisco do Sul, Salvador
ZIM INTEGRATED SHIPPING SERVICE	PEREZ Y CIA.	Las Palmas, Barcelona, Genoa, Livorno, Fos, Valencia, Rio de Janeiro, Santos, Paranagua, Buenos Aires, Montevideo, Rio Grande, San Francisco do Sul, Salvador
CIA LIBRA DE NAVEGAÇÃO	UNIVERSAL MARITIMA	Las Palmas, Barcelona, Genoa, Livorno, Fos, Valencia, Rio de Janeiro, Santos, Paranagua, Buenos Aires, Montevideo, Rio Grande, San Francisco do Sul, Salvador
COMPAGNIE MARITIME D'AFRETAMENT	NAVISPAIN	Las Palmas, Barcelona, Genoa, Livorno, Fos, Valencia, Rio de Janeiro, Santos, Paranagua, Buenos Aires, Montevideo, Rio Grande, San Francisco do Sul, Salvador
MEDITERRANEAN SHIPP. CO	MEDITERRANEAN SHIPP. CO.	Chiwan, Xiamen, Hong Kong, Durban, Cape Town, Sidney, Melbourne, Rio de Janeiro, Buenos Aires, Montevideo, Rio Grande, Felixstowe, Antwerp, Le Havre, Hamburg, Piraeus, Thessalonika, Mersin, Istanbul, Limassol, Alger, Cassablanca
CCNI CIA. CHILENA DE NAV. INTERN	NAV DEL ODIEL	Livorno, Genoa, Barcelona, Valencia, San Juan, La Guaira, Port Cabello, Cartagena, Guayaquil, Callao, Iquique, San Antonio
CSAV SHIPPING	UNIVERSAL MARITIMA	Livorno, Genoa, Barcelona, Valencia, San Juan, La Guaira, Port Cabello, Cartagena, Guayaquil, Callao, Iquique, San Antonio
GRANDI TRAGHETTI GILNAVI	TRANSCOMA	Barcelona, Vitoria, Rio de Janeiro, Santos, Paranagua, Rio Grande, Buenos Aires, Montevideo, Valencia, Genoa, Livorno
MARUBA	MARMEDSA	Barcelona, Vitoria, Rio de Janeiro, Santos, Paranagua, Rio Grande, Buenos Aires, Montevideo, Valencia, Genoa, Livorno
COSTA CONTAINER LINE	TRANSITAINER, S.A.	Barcelona, Vitoria, Rio de Janeiro, Santos, Paranagua, Rio Grande, Buenos Aires, Montevideo, Valencia, Genoa, Livorno
<b>West Africa</b>		
ZIM ISRAEL NAVIGATION	PEREZ Y CIA.	New York, Savannah, Los Angeles, Colombo, Nava Sheva, Haifa, Piraeus, Livorno, Barcelona, Buenos Aires, Rio de Janeiro, Montevideo, Santos, Lagos, Tema, Dakar
MAERSK LINE A.P. MOLLER	INTRAMEDITERRANEO	Algeciras, Livorno, Genoa, Fos, South Mer, Barcelona, Valencia, Algeciras, Abidjan, Lomé, Cotonou, Apapa, Tema, Akoradi, Abidjan, San Pedro, Dakar, Algeciras
IGNAZIO MESSINA AND CO., SPA	WITTY, S.A.	Naples, Genoa, Marseilles, Sete, Barcelona, Castellon, Dakar, Conakry, Abidjan, Lomé, Douala, Takoradi, Lagos, Cotonou, San Pedro
CONSORTIUM HISPANIA LINES	OKENDO MARITIMA, S.L.	Barcelona, Las Palmas de Gran Canaria, Dakar, Malabo, Bata, Douala, San Pedro, Valencia, Barcelona
<b>Gulf of Mexico (Mexico and US.)</b>		
CANADIAN PACIFIC	CP SHIPS AGENCIES SPAIN	Miami, Veracruz, Altamira, Houston, New Orleans, San Juan de P. Rico, Miami, GoiaTauro, Livorno, Genoa, Barcelona, Valencia
NORDANA LINE	WECO AGENC. MARITIMA	San Juan, Rio Haina, Pto. Limon, Pto. Cortes, Sto. Tomas de Castilla, Veracruz, Houston, Charleston, Baltimore, Savannah, Valencia, Mostaganem, Alger, Genoa, Izmir, Latakia, Alexandria, Limassol, Piraeus, Livorno
K LINE *	BERGE MARITIMA/A.M. CONDEMINAS	Ashdod, Livorno, Barcelona, Zeebrugge, Southampton, Altamira, Veracruz, Galveston, Jacksonville, Baltimore, Newark
* Operates with two different shipping agents		
<b>South East Asia</b>		
COSCO CONTAINER LINE (COSCON)	COSCO IBERIA SHIP. AGENCY	Shanghai, Hong Kong, Sheku, Singapore, Port Kelang, Port Said, Naples, Genoa, Fos, Barcelona, Valencia, Port Said, Shanghai
YANG MING LINE	CATALANA DEL MAR, S.A.	Shanghai, Hong Kong, Sheku, Singapore, Port Kelang, Port Said, Naples, Genoa, Fos, Barcelona, Valencia, Port Said, Shanghai
K LINE	BERGE MARITIMA, S.A.	Shanghai, Hong Kong, Sheku, Singapore, Port Kelang, Port Said, Naples, Genoa, Fos, Barcelona, Valencia, Port Said, Shanghai

Shipowner	Shipping agent	Ports
NORASIA SHIPPING CO	UNIVERSAL MARITIMA	Barcelona, Fos, Genoa, Malta, Damietta, Port Kelang, Hong Kong, Pusan, Shanghai, Hong Kong, Chiwan, Port Kelang
CIA MARITIME D'AFFRETAME	NAVISPAIN	Barcelona, Fos, Genoa, Malta, Damietta, Port Kelang, Hong Kong, Pusan, Shanghai, Hong Kong, Chiwan, Port Kelang
NISSAN MOTOR CAR CARRIER CO. LT	MARMEDSA	Jokohama, Kobe, Kanda, Kawasaki, Setubal, Dublin, Newcastle, Amsterdam, Bremerhaven, Le Havre, Jeddah, Muscat, Dubai, Kuwait, Bahrein, Abu Dhabi, Singapore, Keelung
HOEGH UGLAND AUTOLINERS S/A	MARMEDSA	Jokohama, Kobe, Kanda, Kawasaki, Setubal, Dublin, Newcastle, Amsterdam, Bremerhaven, Le Havre, Jeddah, Muscat, Dubai, Kuwait, Bahrein, Abu Dhabi, Singapore, Keelung
EVERGREEN LINE	GREEN IBERICA	Trapani, Jeddah, Colombo, Port Kelang, Penggarang, Kaohsiung, Xiamen, Hong Kong
LLOYD TRIESTINO S.P.A.N.	GLOBAL CONTAINER SERVICE	Trapani, Jeddah, Colombo, Port Kelang, Penggarang, Kaohsiung, Xiamen, Hong Kong
CHINA SHIPPING CONTAINER LINES	CHINA SHIPPING (SPAIN) AGENCY	Barcelona, Valencia, Salalah, Port Kelang, Laem Chabang, Hong kong, Yantian, Shanghai, Ningbo, Pusan, Vancouver, Seattle, Dalian, Tianjin, Qindao, Lianyungang, Shanghai, Ningbo, Xiamen, Hong Kong, Chiwan, Port Kelang, Salalah, Malta, Salerno, Naples, Genoa, Fos, Barcelona
P & O NEDLLOYD LTD.	P & O NEDLLOYD SPAIN	Barcelona, La Spezia, Fos, Damietta, Port Said, Singapore, Busan, Yokohama, Sanghai
MALAYSIAN INTER.SHIP.CORP.	M.I.L.S.	Barcelona, La Spezia, Fos, Damietta, Port Said, Singapore, Busan, Yokohama, Sanghai
ORIENT OVERSEAS CONTAINER LINE	MARITIMA DEL ORIENTE	Barcelona, La Spezia, Fos, Damietta, Port Said, Singapore, Busan, Yokohama, Sanghai
NIPPON YUSEN KAISHA	COMBALIA SAGRERA	Barcelona, La Spezia, Fos, Damietta, Port Said, Singapore, Busan, Yokohama, Sanghai
<b>Europe (Atlantic)</b>		
NISSAN MOTOR CAR CARRIER CO. LT	MARMEDSA	Jokohama, Kobe, Kanda, Kawasaki, Setubal, Dublin, Newcastle, Amsterdam, Bremerhaven, Le Havre, Jeddah, Muscat, Dubai, Kuwait, Bahrein, Abu Dhabi, Singapore, Keelung
HOEGH UGLAND AUTOLINERS S/A	MARMEDSA	Jokohama, Kobe, Kanda, Kawasaki, Setubal, Dublin, Newcastle, Amsterdam, Bremerhaven, Le Havre, Jeddah, Muscat, Dubai, Kuwait, Bahrein, Abu Dhabi, Singapore, Keelung
BORCHARD LINES LTD.	MARMEDSA	Barcelona, Marseilles, Genoa, Salerno, Ashdod, Haifa, Alexandria, Limassol, Piraeus, Istanbul, Izmir
EVERGREEN LINE	GREEN IBERICA	Trapani, Jeddah, Colombo, Port Kelang, Penggarang, Kaohsiung, Xiamen, Hong Kong
LLOYD TRIESTINO S.P.A.N.	GLOBAL CONTAINER SERVICE	Trapani, Jeddah, Colombo, Port Kelang, Penggarang, Kaohsiung, Xiamen, Hong Kong
CIE.TUNISIEN.NAV.(COTUNAV)	ROMEU & CIA	Tunez, Barcelona, Tunez
COMANV	SAMUEL M. BULL, S.A.	Casablanca, La Spezia, Barcelona, Casablanca.
NORDANA LINE	WECO AGENC. MARITIMA	San Juan, Rio Haina, Pto. Limon, Pto. Cortes, Sto.Tomas de Castilla, Veracruz, Houston, Charleston, Baltimore, Savana, Valencia, Mostaganem, Alger, Genoa, Izmir, Latakia, Alexandria, Limassol, Piraeus, Livorno
CALTRAM	ISAMAR (IBESMAR-SAGEMAR)	Barcelona, Valencia, Alicante, Oran, Alger
YBARRA Y CIA SURAMERICANA, S.A.	BERGE & CIA.	Las Palmas, Barcelona, Genoa, Livorno, Fos, Valencia, Rio de Janeiro, Santos, Paranagua, Buenos Aires, Montevideo, Rio Grande, San Francisco do Sul, Salvador
ZIM INTEGRATED SHIPPING SERVICE	PEREZ Y CIA.	Las Palmas, Barcelona, Genoa, Livorno, Fos, Valencia, Rio de Janeiro, Santos, Paranagua, Buenos Aires, Montevideo, Rio Grande, San Francisco do Sul, Salvador
CIA LIBRA DE NAVEGAÇÃO	UNIVERSAL MARITIMA	Las Palmas, Barcelona, Genoa, Livorno, Fos, Valencia, Rio de Janeiro, Santos, Paranagua, Buenos Aires, Montevideo, Rio Grande, San Francisco do Sul, Salvador
COMPAGNIE MARITIME D'AFRETAMENT	NAVISPAIN	Las Palmas, Barcelona, Genoa, Livorno, Fos, Valencia, Rio de Janeiro, Santos, Paranagua, Buenos Aires, Montevideo, Rio Grande, San Francisco do Sul, Salvador
SARLIS CONTAINER SERVICES	COSIGMAR	Piraeus, Thessalonika, Beirut, Alexandria, Istanbul, Limassol, Lattakia, Valencia, Barcelona
IGNAZIO MESSINA AND CO., SPA	WITTY, S.A.	Naples, Genoa, Marseilles, Sete, Barcelona, Castellon, Dakar, Conakry, Abidjan, Lomé, Douala, Takoradi, Lagos, Cotonou, San Pedro
MEDEX CONT. SERVICE LTD.	INTRAMEDITERRANEO	Valencia, Barcelona, Odesa, Ilyxchevsk, Constanza, Varna, Burgas, Malta, Tunez
K LINE *	BERGE MARITIMA/A.M. CONDEMINAS	Ashdod, Livorno, Barcelona, Zeebrugge, Southampton, Altamira, Veracruz, Galveston, Jacksonville, Baltimore, Newark
COSTA CONTAINER LINE	TRANSITAINER, S.A.	Vado Ligure, Barcelona, Valencia, Halifax, Havannah, Valencia, Salerno, Vado Ligure
TRANSPORTS SAM	TRANSITAINER, S.A.	Vado Ligure, Valencia, Barranquilla, Turbo, Moin, Rio Haina, Lisbon, Barcelona, V. Ligure
WALLENUS WILHEMSEN	AG. MARITIMA ESPAÑOLA EVGE	Bremerhaven, Southampton, Antwerp, Barcelona, Vado, Port Said



Shipowner	Shipping agent	Ports
AMERICAN ROLL ON ROLL OFF CARRIER	AG. MARITIMA ESPAÑOLA EVGE	Bremerhaven, Southampton, Antwerp, Barcelona, Vado, Port Said
EUKOR CAR CARRIERS INC.	BERGE MARITIMA, S.A.	Bremerhaven, Southampton, Antwerp, Barcelona, Vado, Port Said
MITSUI OSK LINE	TRANSCOMA	Barcelona, Singapore, Jokohama, Toyohashi, Kobe, Hiroshima, Nakanoseki, Nagoya, Yokkaichi
MITSUI OSK LINE	TRANSCOMA	Derince, Barcelona, Dublin, Zeeb, Newcastle, Southampton, Le Havre, Livorno, Piraeus, Derince
NIPPON YUSEN KAISHA	CIAL COMBALIA SAGRERA	Nagoya, Singapore, Laem, Chabang, Nhava Sheva, Piraeus, Savona, Barcelona, Alger, Gibraltar, Bristol, Bremerhaven, Antwerp, Southampton, Vado Ligure, Jeddah, Abu Dhabi, Dubai, Qatar, Kuwait
NAVIERA PINILLOS S.A.	NAVIERA PINILLOS	Barcelona, Valencia, Arrecife, Las Palmas, Tenerife, Santa Cruz de la Palma, Alicante
CONSORTIUM HISPANIA LINES	OKENDO MARITIMA, S.L.	Barcelona, Las Palmas de Gran Canaria, Dakar, Malabo, Bata, Douala, San Pedro, Valencia, Barcelona
MEDITERRANEAN SHIPP. CO	MEDITERRANEAN SHIPP. CO.	Chiwan, Xiamen, Hong Kong, Durban, Cape Town, Sidney, Melbourne, Rio de Janeiro, Buenos Aires, Montevideo, Rio Grande, Felixstowe, Antwerp, Le Havre, Hamburg, Piraeus, Thessalonika, Mersin, Istanbul, Limassol, Alger, Cassablanca.
SHIPPING INDIA CORP. LTD	A.M. CONDEMINAS	Colombo, Nhava Shava, Suez, Port Said, Barcelona, Felixstowe, Hamburg, Rotterdam, Colombo
YANG MING LINE	CATALANA DEL MAR, S.A.	Colombo, Nhava Shava, Suez, Port Said, Barcelona, Felixstowe, Hamburg, Rotterdam, Colombo
K LINE	BERGE MARITIMA	Colombo, Nhava Shava, Suez, Port Said, Barcelona, Felixstowe, Hamburg, Rotterdam, Colombo
MALAYSIAN INTER.SHIP.CORP.	MILS-MEDITERRANEAN INT. LOGIT.	Colombo, Nhava Shava, Suez, Port Said, Barcelona, Felixstowe, Hamburg, Rotterdam, Colombo
EVERGREEN LINE	GREEN IBERICA	Colombo, Nhava Shava, Suez, Port Said, Barcelona, Felixstowe, Hamburg, Rotterdam, Colombo
CORUS SHIPPING	PEREZ Y CIA.	Swansea, NewPort, Mostyn, Sagunto, Barcelona
SUDCARGOS MARSELLA	MARITIMA SUDCARGOS S.A.	Marseilles, Barcelona, Valencia, Oran, Alger
INT. MAR. TRANSPORT	VAPORES SUARDIAZ, S.A.	Casablanca, Valencia, Barcelona, Casablanca
S.I.U.S. DI NAVEGACIONE	VAPORES SUARDIAZ, S.A.	Casablanca, Valencia, Barcelona, Casablanca
COMANAV	SAMUEL M. BULL, S.A.	Casablanca, Valencia, Barcelona, Casablanca
CCNI CIA. CHILENA DE NAV. INTERN	NAV DEL ODIEL	Livorno, Genoa, Barcelona, Valencia, San Juan, La Guaira, Port Cabello, Cartagena, Guayaquil, Callao, Iquique, San Antonio
CSAV SHIPPING	UNIVERSAL MARITIMA	Livorno, Genoa, Barcelona, Valencia, San Juan, La Guaira, Port Cabello, Cartagena, Guayaquil, Callao, Iquique, San Antonio
TURKON CONTAINER	MARITIMA DAVILA, S.A.	Gemlik, Istanbul, Izmir, Genoa, Marseille, Barcelona, New York, Newport News, Charleston, Lisbon, Antwerp, Felixstowe, Hamburg
GRANDI TRAGHETTI GILNAVI	TRANSCOMA	Barcelona, Vitoria, Rio de Janeiro, Santos, Paranagua, Rio Grande, Buenos Aires, Montevideo, Valencia, Genoa, Livorno
MARUBA	MARMEDSA	Barcelona, Vitoria, Rio de Janeiro, Santos, Paranagua, Rio Grande, Buenos Aires, Montevideo, Valencia, Genoa, Livorno
COSTA CONTAINER LINE	TRANSITAINER, S.A.	Barcelona, Vitoria, Rio de Janeiro, Santos, Paranagua, Rio Grande, Buenos Aires, Montevideo, Valencia, Genoa, Livorno
GRIMALDI GROUP NAPOLI	GRIMALDI LOGISTICA SPAIN	Gemlik, Salerno, Livorno, Fos, Barcelona, Valencia, Malta, Piraeus, Limassol, Ashood,
NISA "NAVIMPORT INTERN. S.A."	ISAMAR	Las Palmas, Santa Cruz de Tenerife, Algeciras, Valencia, Barcelona
CIA. TRASATLANTICA	NAVIERA DEL ODIEL (CONTENOSA)	Las Palmas, Santa Cruz de Tenerife, Algeciras, Valencia, Barcelona
CHINA SHIPPING CONTAINER LINES	CHINA SHIPPING (SPAIN) AGENCY	Barcelona, Valencia, Salalah, Port Kelang, Laem Chabang, Hong kong, Yantian, Shanghai, Ningbo, Pusan, Vancouver, Seattle, Dalian, Tianjin, Qindao, Lianyungang, Shanghai, Ningbo, Xiamen, Hong Kong, Chiwan, Port Kelang, Salalah, Malta, Salerno, Naples, Genoa, Fos, Barcelona
MARFRET MARSEILLE	AG. MARIT ESPAÑOLA EVGE	Algeciras, Valencia, Sete, Genoa, Livorno, Barcelona, Algeciras, Fort de France, Basse Terre
CMA - CGM	NAVISPAIN	Algeciras, Valencia, Sete, Genoa, Livorno, Barcelona, Algeciras, Fort de France, Basse Terre
MAERSK LINE/ A.P. MOLLER	INTRAMEDITERRANEO	Algeciras, Valencia, Sete, Genoa, Livorno, Barcelona, Algeciras, Fort de France, Basse Terre
MAERSK LINE/ A.P. MOLLER	MAERSK	Algeciras, Valencia, Sete, Genoa, Livorno, Barcelona, Algeciras, Fort de France, Basse Terre
ZIM ISRAEL NAVIGATION	PEREZ Y CIA.	Barcelona, Lisbon, New York, Savannah, Los Angeles, Valletta
P&O NED. LTD.	P&O NEDLLOYD LTD. SUC. SPAIN	Barcelona, Lisbon, New York, Savannah, Los Angeles, Valletta
HAPAG LLOYD	E. ERHARDT Y CIA., S.A.	Barcelona, Lisbon, New York, Savannah, Los Angeles, Valletta
ILVA S.P.A.	AMP SHIPPING SYSTEMS, S.L.	Thessalonika, Taranto, Genoa, Savona, Oporto, Nogaró, Barcelona
CMA - CGM	NAVISPAIN	Barcelona - Marseilles - Alger - Oran - Barcelona
EMES LINE SHIPPING	GREEN IBERICA	Barcelona, Cagliari, Piraeus, Izmir, Tunes, Valencia
MELFI MARINE CORP. S.A.	PEREZ Y CIA.	Havannah, Naples, Genoa, Livorno, Barcelona, Valencia, Halifax, Havannah

Shipowner	Shipping agent	Ports
UNITED FEEDER SERVICE	IBERICA DE TRANSITOS	Cagliari, Barcelona, Valencia, Lisbon, Vigo, Bilbao
CIA. TRASMEDITERRANEA	CIA. TRASMEDITERRANEA	Barcelona, Palma, Ibiza, Mahon
CIA. TRASMEDITERRANEA	CIA. TRASMEDITERRANEA	Barcelona, Palma, Ibiza, Mahon
CIA. TRASMEDITERRANEA	CIA. TRASMEDITERRANEA	Barcelona, Palma, Ibiza, Mahon
CIA. TRASMEDITERRANEA	CIA. TRASMEDITERRANEA	Barcelona, Palma, Ibiza, Mahon
CIA. TRASMEDITERRANEA	CIA. TRASMEDITERRANEA	Barcelona, Palma, Ibiza, Mahon
CIA. TRASMEDITERRANEA	CIA. TRASMEDITERRANEA	Barcelona, Palma, Ibiza.
CIA. TRASMEDITERRANEA	CIA. TRASMEDITERRANEA	Barcelona, Ibiza
ISCOMAR	CIA. BARCELONESA DE CONSIG.	Barcelona, Palma de Majorca, Barcelona
GRANDI NAVI VELOCI, S.P.A.	AG. MARITIMA CONDEMINAS	Genoa, Barcelona, Genoa
FLOTA SUARDIAZ	VAPORES SUARDIAZ, S.A.	Valencia, Barcelona, Palma de Mallorca, Ibiza, Menorca, Valencia
TTES. MARITIMOS ALCUDIA, S.A.	TTES. MARITIMOS ALCUDIA, S.A	Barcelona, Palma, Mahon, Ibiza
THYSSEN KRUPP STAHL	A.M. SEA SPAIN, S.A.	Duisburg, Rotterdam, Sagunto, Barcelona
TRANSPORTS SAM	TRANSITAINER, S.A.	Vado Ligure, Valencia, Barranquilla, Turbo, Moin, Rio Haina, Lisbon, Barcelona, V. Ligure
<b>Red Sea</b>		
NISSAN MOTOR CAR CARRIER CO. LT	MARMEDSA	Jokohama, Kobe, Kanda, Kawasaki, Setubal, Dublin, Newcastle, Amsterdam, Bremerhaven, Le Havre, Jeddah, Muscat, Dubai, Kuwait, Bahrein, Abu Dhabi, Singapore, Keelung
HOEGH UGLAND AUTOLINERS S/A	MARMEDSA	Jokohama, Kobe, Kanda, Kawasaki, Setubal, Dublin, Newcastle, Amsterdam, Bremerhaven, Le Havre, Jeddah, Muscat, Dubai, Kuwait, Bahrein, Abu Dhabi, Singapore, Keelung
EVERGREEN LINE	GREEN IBERICA	Trapani, Jeddah, Colombo, Port Kelang, Penggarang, Kaohsiung, Xiamen, Hong Kong
LLOYD TRIESTINO S.P.A.N.	GLOBAL CONTAINER SERVICE	Trapani, Jeddah, Colombo, Port Kelang, Penggarang, Kaohsiung, Xiamen, Hong Kong
NIPPON YUSEN KAISHA	CIAL COMBALIA SAGRERA	Nagoya, Singapore, Laem, Chabang, Nhava Sheva, Piraeus, Savona, Barcelona, Alger, Gibraltar, Bristol, Bremerhaven, Antwerp, Southampton, Vado Ligure, Jeddah, Abu Dhabi, Dubai, Qatar, Kuwait
<b>Persian Gulf/Arabian Sea</b>		
NISSAN MOTOR CAR CARRIER CO. LT	MARMEDSA	Jokohama, Kobe, Kanda, Kawasaki, Setubal, Dublin, Newcastle, Amsterdam, Bremerhaven, Le Havre, Jeddah, Muscat, Dubai, Kuwait, Bahrein, Abu Dhabi, Singapore, Keelung
HOEGH UGLAND AUTOLINERS S/A	MARMEDSA	Jokohama, Kobe, Kanda, Kawasaki, Setubal, Dublin, Newcastle, Amsterdam, Bremerhaven, Le Havre, Jeddah, Muscat, Dubai, Kuwait, Bahrein, Abu Dhabi, Singapore, Keelung
EVERGREEN LINE	GREEN IBERICA	Trapani, Jeddah, Colombo, Port Kelang, Penggarang, Kaohsiung, Xiamen, Hong Kong
LLOYD TRIESTINO S.P.A.N.	GLOBAL CONTAINER SERVICE	Trapani, Jeddah, Colombo, Port Kelang, Penggarang, Kaohsiung, Xiamen, Hong Kong
NIPPON YUSEN KAISHA	CIAL COMBALIA SAGRERA	Nagoya, Singapore, Laem Chabang, Nhava Shava, Piraeus, Savona, Barcelona, Alger, Gibraltar, Bristol, Bremerhaven, Antwerp, Southampton, Vado Ligure, Jeddah, Abu Dhabi, Dubai, Qatar, Kuwait
CHINA SHIPPING CONTAINER LINES	CHINA SHIPPING (SPAIN) AGENCY	Barcelona, Valencia, Salalah, Port Kelang, Laem Chabang, Hong kong, Yantian, Shanghai, Ningbo, Pusan, Vancouver, Seattle, Dalian, Tianjin, Qindao, Lianyungang, Shanghai, Ningbo, Xiamen, Hong Kong, Chiwan, Port Kelang, Salalah, Malta, Salerno, Naples, Genoa, Fos, Barcelona

## 7.2. Feeder lines

Shipowner	Shipping agent	Geographical areas																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
COSCO CONTAINER LINE (COSCON)	COSCO IBERIA SHIP. AGENCY	*				*			*										
YANG MING LINE	CATALANA DEL MAR, S.A.	*				*			*										
K LINE	BERGE MARITIMA, S.A.	*				*			*										
COSCO CONTAINER LINE (COSCON)	COSCO IBERIA SHIP. AGENCY	*		*															
YANG MING LINE	CATALANA DEL MAR	*		*															
K LINE	BERGE MARITIMA	*		*															
FLOTA SUARDIAZ	VAPORES SUARDIAZ	*																	
FLOTA SUARDIAZ	VAPORES SUARDIAZ	*	*																
CANADIAN PACIFIC	CP SHIPS AGENCIES SPAIN	*							*										
NAVIBULGARE/Navig. Mrtme Bulgara.	AG.MARITIMA SEA SPAIN	*	*																
HOLLAND MAAS	AG. MARITIMA ESPAÑOLA EVGE					*													
P & O NEDLLOYD LTD.	P & O NEDLLOYD SPAIN		*		*				*										
MALAYSIAN INTER.SHIP.CORP.	M.I.L.S.		*		*				*										
ORIENT OVERSEAS CONTAINER LINE	MARITIMA DEL ORIENTE	*		*					*										
NIPPON YUSEN KAISHA	COMBALIA SAGRERA	*																	
ZIM ISRAEL NAVIGATION	PEREZ And CIA.	*	*	*		*	*		*										*
CONTENEMAR	CIA. BARCELONESA DE CONSIG.	*		*															
CNAM GROUP SPA	TRANSCOMA					*													
CNAM GROUP SPA	TRANSCOMA	*		*															
NORASIA SHIPPING CO	UNIVERSAL MARITIMA	*	*		*				*										
CIA MARITIME D'AFFRETAME	NAVISPAIN	*	*		*				*										
ISCOMAR	CIA. BARCELONESA DE CONSIG.	*																	
CONTENEMAR	CIA. BARCELONESA DE CONSIG.	*																	
ISCOMAR	CIA. BARCELONESA DE CONSIG.					*													
MAERSK LINE A.P. MOLLER	INTRAMEDITERRANEO	*							*										
TARROS S.P.A.	LINEAS REGULARES					*													
NEPTUNE SHIPPING AGENCIES	NEPTUNE BARCELONA	*	*																
FAST LINE c/o DEMLINE MANAG.	UNIVERSAL MARITIMA	*	*																
UNITED ARAB SHIPPING COMPANY S.A.G. (U.A.S.C.)	NEPTUNE BARCELONA	*	*	*															*
NISSAN MOTOR CAR CARRIER CO. LT	MARMEDSA					*			*	*	*	*	*						
HOEGH UGLAND AUTOLINERS S/A	MARMEDSA					*			*	*	*	*	*						
BORCHARD LINES LTD.	MARMEDSA	*	*																
EVERGREEN LINE	GREEN IBERICA	*							*	*	*	*							*
LLOYD TRIESTINO S.P.A.N.	GLOBAL CONTAINER SERVICE	*							*	*	*	*							*
CIE.TUNISIEN.NAV.(COTUNAV)	ROMEU & CIA					*													
COMANV	SAMUEL M. BULL, S.A.	*		*															
NORDANA LINE	WECO AGENC. MARITIMA	*	*	*	*	*		*	*										
CALTRAM	ISAMAR (IBESMAR-SAGEMAR)					*			*										
YBARRA And CIA SURAMERICANA, S.A.	BERGE & CIA.	*						*											
ZIM INTEGRATED SHIPPING SERVICE	PEREZ And CIA.	*						*											
CIA LIBRA DE NAVEGAÇÃO	UNIVERSAL MARITIMA	*						*											
COMPAGNIE MARITIME D'AFRETAMENT	NAVISPAIN	*						*											
SARLIS CONTAINER SERVICES	COSIGMAR	*						*											
IGNAZIO MESSINA AND CO., SPA	WITTY, S.A.	*						*											
MEDEX CONT. SERVICE LTD.	INTRAMEDITERRANEO	*		*															
K LINE *	BERGE MARITIMA/A.M. CONDEMINAS	*	*	*				*	*				*						
COSTA CONTAINER LINE	TRANSITAINER, S.A.	*						*					*	*					
TRANSPORTS SAM	TRANSITAINER, S.A.	*						*				*	*						
WALLENIUS WILHEMSEN	AG. MARITIMA ESPAÑOLA EVGE	*						*				*							
AMERICAN ROLL ON ROLL OFF CARRIER						*						*							
EUKOR CAR CARRIERS INC.	BERGE MARITIMA, S.A.	*						*				*							
MITSUI OSK LINE	TRANSCOMA					*													
MITSUI OSK LINE	TRANSCOMA	*						*											
NIPPON YUSEN KAISHA	CIAL COMBALIA SAGRERA	*		*				*	*	*	*	*							*
NAVIERA PINILLOS S.A.	NAVIERA PINILLOS	*						*											
CONSORTIUM HISPANIA LINES	OKENDO MARITIMA, S.L.							*											
MEDITERRANEAN SHIPP. CO	MEDITERRANEAN SHIPP. CO.	*	*	*	*	*		*				*	*		*	*			*
SHIPPING INDIA CORP. LTD	A.M. CONDEMINAS	*						*				*							*
YANG MING LINE	CATALANA DEL MAR, S.A.	*						*				*							*
K LINE	BERGE MARITIMA	*						*				*							*
MALAYSIAN INTER.SHIP.CORP.	MILS-MEDITERRANEAN INT. LOGIT.	*						*				*							*

Shipowner	Shipping agent	Geographical areas																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
EVERGREEN LINE	GREEN IBERICA			*							*								*
CORUS SHIPPING	PEREZ And CIA.											*							
SUDCARGOS MARSELLA	MARITIMA SUDCARGOS S.A.	*		*															
INT. MAR. TRANSPORT	VAPORES SUARDIAZ, S.A.					*													
S.I.U.S. DI NAVEGACIONE	VAPORES SUARDIAZ, S.A.					*													
COMANAV	SAMUEL M. BULL, S.A.					*													
CCNI CIA. CHILENA DE NAV. INTERN	NAV DEL ODIEL	*						*											
CSAV SHIPPING	UNIVERSAL MARITIMA	*						*											
TURKON CONTAINER	MARITIMA DAVILA, S.A.	*	*							*									
GRANDI TRAGHETTI GILNAVI	TRANSCOMA	*						*											
MARUBA	MARMEDSA	*						*											
COSTA CONTAINER LINE	TRANSITAINER, S.A.	*						*											
GRIMALDI GROUP NAPOLI	GRIMALDI LOGISTICA SPAIN	*	*																
NISA "NAVIMPORT INTERN. S.A."	ISAMAR	*																	
CIA. TRASATLANTICA	NAVIERA DEL ODIEL (CONTENOSA)		*																
CHINA SHIPPING CONTAINER LINES	CHINA SHIPPING (SPAIN) AGENCY	*	*	*				*			*		*		*				
MARFRET MARSEILLE	AG. MARIT ESPAÑOLA EVGE	*														*			
CMA - CGM	NAVISPAIN	*														*			
MAERSK LINE/ A.P. MOLLER	INTRAMEDITERRANEO	*														*			
MAERSK LINE/ A.P. MOLLER	MAERSK	*														*			
ZIM ISRAEL NAVIGATION	PEREZ And CIA.		*	*						*									
P&O NED. LTD.	P&O NEDLLOYD LTD. SUC. SPAIN			*	*						*								
HAPAG LLOYD	E.ERHARDT And CIA., S.A.		*	*							*								
ILVA S.P.A.	AMP SHIPPING SYSTEMS, S.L.	*	*																
CMA - CGM	NAVISPAIN	*		*															
EMES LINE SHIPPING	GREEN IBERICA	*	*																
MELFI MARINE CORP. S.A.	PEREZ And CIA.	*														*	*		
UNITED FEEDER SERVICE	IBERICA DE TRANSITOS	*									*								
CIA. TRASMEDITERRANEA	CIA. TRASMEDITERRANEA	*																	
CIA. TRASMEDITERRANEA	CIA. TRASMEDITERRANEA	*																	
CIA. TRASMEDITERRANEA	CIA. TRASMEDITERRANEA	*																	
CIA. TRASMEDITERRANEA	CIA. TRASMEDITERRANEA	*																	
CIA. TRASMEDITERRANEA	CIA. TRASMEDITERRANEA	*																	
CIA. TRASMEDITERRANEA	CIA. TRASMEDITERRANEA	*																	
CIA. TRASMEDITERRANEA	CIA. TRASMEDITERRANEA	*																	
ISCOMAR	CIA. BARCELONESA DE CONSIG.	*																	
GRANDI NAVI VELOCI, S.P.A.	AG. MARITIMA CONDEMINAS	*																	
FLOTA SUARDIAZ	VAPORES SUARDIAZ, S.A.	*																	
TTES. MARITIMOS ALCUDIA, S.A.	TTES. MARITIMOS ALCUDIA, S.A	*																	
THYSEN KRUPP STAHL	A.M. SEA SPAIN, S.A.										*								
EUROLINEAS MARITIMAS	EUROLINEAS MARITIMAS	*																	
EUROLINEAS MARITIMAS	EUROLINEAS MARITIMAS	*																	
ATLANTICA SPA DI NAVIGAZIONE	CIA. TRASMEDITERRANEA	*																	
CIA TRASMEDITERRANEA	CIA. TRASMEDITERRANEA	*																	

- 1.- Spain
- 2.- Italy/France (Mediterranean)
- 3.- Eastern Mediterranean/Black Sea/Caspian/Near East
- 4.- North America (US) Atlantic
- 5.- North Africa
- 6.- Far East and Japan
- 7.-South America (Atlantic)
- 8.-West Africa
- 9.-Gulf of Mexico (Mexico and US)
- 10.- South East Asia
- 11.- Europe (Atlantic)
- 12.- Red Sea
- 13.- Persian Gulf/Arabian Sea
- 14.- Central America and Caribbean
- 15.- Canada (Atlantic) and Great Lakes
- 16.- Southern and East Africa / Indian Ocean
- 17.- Australia and New Zealand/Pacific islands
- 18.- Pakistan/India/Sri Lanka/Bangladesh