



# Port de Barcelona Annual report 1998



**Port de Barcelona**

Autoritat Portuària de Barcelona



## 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 1997 and 1998. The 1998 data is unaudited.

Furthermore, a chapter on the 1998 economic-financial report will be found at the Annual Report.

## 1.1. Balance Sheet

| ASSETS                       | Millions of pesetas |                | LIABILITIES                                       | Millions of pesetas |                |
|------------------------------|---------------------|----------------|---|---------------------|----------------|
|                              | 1998                | 1997           |   | 1998                | 1997           |
| <b>FIXED ASSETS</b>          |                     |                | <b>EQUITY</b>                                     |                     |                |
| Intangible                   | 184                 | 160            | Net worth   | 85,313              | 85,313         |
| Tangible                     | 92,914              | 91,134         | Reserves  | 5,977               | 4,699          |
| Financial                    | 6,981               | 7,871          | Profit  | 3,045               | 1,278          |
| Long-term trade debtors      | 582                 | 276            |   | 94,335              | 91,290         |
|                              | 100,661             | 99,441         |   |                     |                |
|                              |                     |                | DEFERRED INCOME                                   | 1,634               | 1,655          |
|                              |                     |                |   |                     |                |
|                              |                     |                | PROVISIONS FOR LONG-TERM LIABILITIES AND EXPENSES | 2,403               | 2,438          |
| <b>CURRENT ASSETS</b>        |                     |                |   |                     |                |
| Inventories                  | 73                  | 76             | <b>LONG-TERM CREDITORS</b>                        | 3,400               | 4,329          |
| Accounts receivable          | 2,639               | 1,928          |   |                     |                |
| Short-term investments       | 2,699               | 1,387          | <b>SHORT-TERM CREDITORS</b>                       |                     |                |
| Cash and banks               | 222                 | 194            | Debts with credit institutions                    | 327                 | 335            |
| Deferred income and accruals | 9                   | 27             | Debts with group and associated companies         | 437                 | 62             |
|                              | 5,642               | 3,612          | Trade creditors                                   | 644                 | 605            |
|                              |                     |                | Other non-trade creditors                         | 3,123               | 2,339          |
|                              |                     |                |   | 4,531               | 3,341          |
| <b>TOTAL ASSETS</b>          | <b>106,303</b>      | <b>103,053</b> | <b>TOTAL LIABILITIES</b>                          | <b>106,303</b>      | <b>103,053</b> |

*(Pending the Auditor's Report)*

## 1.2. Profit and Loss Statement

| DEBIT   | Millions of pesetas |              | CREDIT                                       | Millions of pesetas |            |
|---|---------------------|--------------|--|---------------------|------------|
|   | 1998                | 1997         |  | 1998                | 1997       |
| <b>EXPENSES</b>                                 |                     |              | <b>INCOME</b>                                |                     |            |
| Staff costs                                     | 3,113               | 2,883        | Port services                                | 8,819               | 8,001      |
| Provision for depreciation of fixed assets      | 3,179               | 3,380        | Leases and authorisations                    | 3,068               | 2,732      |
| Change in trade provisions                      | -191                | -201         | Other operating income                       | 299                 | 165        |
| Other operating expenses:                       |                     |              |  |                     |            |
| External services                               | 2,706               | 2,467        |  |                     |            |
| Taxes   | 89                  | 91           |  |                     |            |
| Others  | 281                 | 107          |  |                     |            |
| Total operating expenses                        | 9,177               | 8,727        | Total operating income                       | 12,186              | 10,898     |
| <b>OPERATING PROFIT</b>                         | <b>3,009</b>        | <b>2,171</b> |  |                     |            |
|   |                     |              | Income from other negotiable instruments     |                     |            |
| Assimilated and financial expenses              | 255                 | 351          | and credits from fixed assets                | 58                  | 80         |
| Change in investment provisions                 | 22                  | 4            | Other financial income                       | 143                 | 62         |
| Total financial expenses                        | 277                 | 355          | Total financial income                       | 201                 | 142        |
|   |                     |              |  |                     |            |
|   |                     |              | <b>NEGATIVE FINANCIAL RESULTS</b>            | <b>76</b>           | <b>213</b> |
| <b>PROFIT FROM ORDINARY ACTIVITIES</b>          | <b>2,933</b>        | <b>1,958</b> |  |                     |            |
| Change in provisions for fixed assets           | 92                  | -58          | Profits on disposal of fixed assets          | 1,049               | 6          |
| Losses from fixed assets                        | 303                 | 73           | Income and profit from previous fiscal years | 328                 | 121        |
| Expenses and losses from previous fiscal years  | 184                 | 253          | Capital grants                               | 41                  | 39         |
| Other extraordinary expenses                    | 51                  | 146          | Other extraordinary income                   | 40                  | 68         |
| Total extraordinary expenses                    | 630                 | 414          | Total extraordinary income                   | 1,458               | 234        |
| <b>EXTRAORDINARY POSITIVE RESULTS</b>           | <b>828</b>          |              | <b>EXTRAORDINARY NEGATIVE RESULTS</b>        |                     | <b>180</b> |
| <b>PROFIT FROM OPERATIONS</b>                   | <b>3,761</b>        | <b>1,778</b> |  |                     |            |
| Interport fund contribution                     | 929                 | 1,004        | Interport fund receivable                    | 213                 | 504        |
| <b>PROFIT AFTER INTERPORT FUND CONTRIBUTION</b> | <b>3,045</b>        | <b>1,278</b> |  |                     |            |

*(Pending the Auditor's Report)*

### 1.3. Source and application funds statement

#### 1.3.1. Application and sources of funds

| APPLICATION OF FUNDS                                 | Millions of pesetas |              | SOURCES OF FUNDS                               | Millions of pesetas |              |
|--|---------------------|--------------|--|---------------------|--------------|
|  | 1998                | 1997         |  | 1998                | 1997         |
| Fixed assets purchased                               | 5,417               | 2,967        | Resource proceeding from operations            | 6,271               | 5,238        |
| Intangible   | 92                  | 87           |  |                     |              |
| Tangible   | 5,198               | 2,698        | Interport fund contribution received           | 213                 | 504          |
| Financial  | 127                 | 182          |  |                     |              |
|  |                     |              | Fixed assets transferred                       | 1,817               | 62           |
| Interport fund contribution contributed              | 929                 | 1,004        | Tangible                                       | 51                  | 62           |
|  |                     |              | Financial                                      | 1,766               |              |
| Long-term to short-term debts settled or transferred | 929                 | 1,589        |  |                     |              |
| Montepio integration expenses                        | 586                 | 189          | Deferred income                                | 90                  | 237          |
| Debt with credit institutions                        | 300                 | 1,400        |  |                     |              |
| Fixed assets suppliers debts                         | 43                  |              | Short-term fixed assets settled or transferred | 158                 | 217          |
| Provisions for long-term liabilities and expenses    | 91                  | 197          | Other sources                                  | 15                  |              |
| Long-term trade debts                                | 322                 | 124          |  |                     |              |
| Other applications                                   | 37                  | 190          |  |                     |              |
| <b>TOTAL APPLICATIONS</b>                            | <b>7,725</b>        | <b>6,071</b> | <b>TOTAL SOURCES</b>                           | <b>8,564</b>        | <b>6,258</b> |
| <b>EXCESS OF SOURCES OVER APPLICATIONS</b>           | <b>839</b>          | <b>187</b>   |  |                     |              |

*(Pending auditor's report)*

#### 1.3.2. Variation in working capital

| VARIATION IN WORKING CAPITAL        | 1998         |              | 1997         |              |
|-------------------------------------|--------------|--------------|--------------|--------------|
|                                     | Increases    | Decreases    | Increases    | Decreases    |
| Inventories                         |              | 3            |              | 6            |
| Accounts receivable                 | 710          |              |              | 409          |
| Creditors                           |              | 1,190        |              | 462          |
| Short-term investments              | 1,312        |              | 1,208        |              |
| Cash and banks                      | 28           |              |              | 115          |
| Deferred income and accruals        |              | 18           |              | 29           |
| <b>TOTAL</b>                        | <b>2,050</b> | <b>1,211</b> | <b>1,208</b> | <b>1,021</b> |
| <b>VARIATION IN WORKING CAPITAL</b> | <b>839</b>   |              | <b>187</b>   |              |

*(Pending auditor's report)*



## 2. Technical characteristics of the port

This chapter contains a physical description of the Port of Barcelona; its geographic location and excellent climatic conditions, its land accesses, the location of lighthouses and beacons which facilitate maritime access, the distribution by use of the port's 724 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.

## 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 atmospherical 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. Entry

#### 2.1.5.1. Access channel

|                   |   |
|-------------------|---|
| Orientation       | 191°  |
| Width             | 300 m between parallels to the Llevant dike |
| Draught           | 16 m  |
| Nature of the bed | muds and sands                              |

#### **Access Canal / DST:**

An Access Canal of Traffic Separation Device is set up, the aim of which is to lead down it all the traffic arriving or leaving from the south of the Port of Barcelona. This will achieve two priority objectives: one the one hand, avoiding ships crossing the anchorage line, and on the other, keeping them away from the immediate area of the entrance mouth, the waiting and/or putting in area, thus reducing the number of bows by bows crossings.

All the vessels sailing down the DST will do so under the control of the Pilots Station of the APB, and the Maritime Rescue Coordination Centre of Barcelona will only get involved in the event of any vessel infringing rule 10 of the International Regulations for Preventing Collisions at Sea, or when there are fundamental risks to maritime safety.

#### **Location, Dimensions and Characteristics:**

The right shore of the canal will be determined by the bearing of 165° / 345° from the green light of the extension of the Dic de l'Est, starting at the cut off point at a distance of two miles and finishes at the intersection of bearing 080° / 260° from the Far del Llobregat lighthouse, which also serves to delimit the anchorage zone.

The DST is 0.5 miles wide, being the width of 1/2 cable, and thus each lane of the canal will be 2.25 cables wide.

The port entry buoy "S" SERRA is located in the centre of the traffic separation zone and at its Southern end at a distance of two miles from the green light, in situation: Latitude: 41° 18' 12" N and Longitude: 002° 10' 43" E.

#### 2.1.5.1.bis. Map of access channel and anchorage areas

### 2.1.5.2. Entrance mouth

|                          |            |
|--------------------------|------------|
| Width                    | 370 m      |
| Depth at Water level     | 16 m       |
| Maximum recorded current | 2.00 knots |

### 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                              | Norway           | Sibotessa        |
| Nationality                       | Bahamas          | Norwegian        |
| GT                                | 76,049           | 41,189           |
| DWT                               | 13,960           | 74,918           |
| Length                            | 315.15           | 229              |
| Type                              | Passenger vessel | Bulk-carrier     |
| Incoming or outgoing real draught | 10.80            | 14.48            |

## 2.1.6. Flotation areas (Ha.)

### 2.1.6.1. Zone I

|            | Outerport | Basins     |         |       | Total (Ha) |
|------------|-----------|------------|---------|-------|------------|
|            |           | Commercial | Fishing | Rest  |            |
| Inner port | -         | 340.19     | 3.68    | 30.45 | 374.32     |

### 2.1.6.2. Zone II

|           | Communications | Anchorage | Rest     | Total (Ha) |
|-----------|----------------|-----------|----------|------------|
| Outerport | 147.07         | 4.87      | 1,342.93 | 1,494.87   |

## 2.1.7. Land area (m2)

| Sector                       | Free-standing area | Rip-rap | Filling area | Operative area | Concession area | Railway area | Road area | Public area | Rest areas A.P.B. | Total     |
|------------------------------|--------------------|---------|--------------|----------------|-----------------|--------------|-----------|-------------|-------------------|-----------|
| SECTOR 1                     |                    |         |              |                |                 |              |           |             |                   |           |
| Wharf 01 Adossat             |                    | 36,401  | 25,623       |                | 20,150          |              | 46,068    |             | 2,682             | 130,924   |
| Wharf 01 Adossat             |                    |         |              | 40,400         | 40,352          |              | 21,393    |             | 39,813            | 141,958   |
| Wharf 02 Llevant             |                    | 7,701   |              | 8,192          | 6,624           |              | 20,043    |             | 8,094             | 50,654    |
| Wharf 03 Dic Flotant         |                    |         |              |                |                 |              |           |             |                   | 0         |
| Wharf 05 Occidental          |                    | 14,527  |              |                | 31,181          |              | 14,344    |             | 100               | 60,152    |
| SECTOR 2                     |                    |         |              |                |                 |              |           |             |                   |           |
| Wharf 06 Catalunya           |                    |         |              |                | 60,533          |              | 14,453    | 46,770      | 1,453             | 123,209   |
| Wharf 08 Nou                 |                    |         |              |                |                 |              |           |             |                   | 0         |
| Wharf 10 Pescadors           |                    |         |              | 11,881         | 1,190           |              | 1,586     |             | 18,139            | 32,796    |
| Wharf 11 Balears             |                    |         |              |                |                 |              | 2,380     | 59,354      |                   | 61,734    |
| Wharf 12 Rellotge            |                    |         |              |                |                 |              |           |             |                   | 0         |
| Wharf 13 Marina Port Vell    |                    |         |              |                | 2,960           |              |           |             |                   | 2,960     |
| Wharf 14 Dipòsit             |                    |         |              |                | 10,201          |              |           | 19,081      |                   | 29,282    |
| Wharf 15 Espanya             |                    |         |              |                | 47,483          |              | 8,214     | 88,030      | 1,080             | 144,807   |
| Wharf 16 Bosch i Alsina      |                    |         |              |                |                 |              |           |             | 1,795             | 1,795     |
| Wharf 17A Drassanes          |                    |         |              |                |                 |              |           | 10,855      |                   | 10,855    |
| Wharf 17B Drassanes          |                    |         |              | 711            | 4,402           |              | 966       | 4,694       |                   | 10,773    |
| Wharf 18 Barcelona           |                    |         |              | 28,904         | 30,831          |              | 4,798     | 38,968      | 7,957             | 111,458   |
| SECTOR 3                     |                    |         |              |                |                 |              |           |             |                   |           |
| Wharf 19 Sant Bertran        |                    |         |              |                |                 |              |           |             |                   | 8,992     |
| Wharf 20 Ponent              |                    |         |              | 61,614         | 133,367         | 414          | 31,098    |             | 25,988            | 252,481   |
| Wharf 21 Costa               |                    |         |              |                |                 |              |           |             |                   | 39,670    |
| Wharf 22 Contradic           |                    |         |              | 19,848         | 50,727          | 18,336       | 17,033    |             | 26,027            | 131,971   |
| SECTOR 4                     |                    |         |              |                |                 |              |           |             |                   |           |
| Wharf 23 Oest                |                    |         |              | 5,952          | 29,840          | 3,334        | 14,358    |             | 8,624             | 62,108    |
| Wharf 24 Sud                 |                    | 13,703  |              | 72,463         | 590,037         | 50,784       | 36,045    |             | 11,012            | 774,044   |
| Wharf 25 Pantalà             |                    |         |              |                |                 |              |           |             |                   | 3,143     |
| SECTOR 5                     |                    |         |              |                |                 |              |           |             |                   |           |
| Wharf 26 Álvarez de la Campa |                    |         |              |                |                 |              |           |             |                   | 0         |
| TIR                          |                    |         |              | 52,863         | 185,531         | 3,496        | 55,757    |             | 245,784           | 543,431   |
| Wharf 27 Lepant              |                    |         |              |                |                 |              |           |             |                   | 0         |
| Wharf 28 Evaristo Fernández  |                    |         |              |                |                 |              |           |             |                   | 0         |
| SECTOR 6                     |                    |         |              |                |                 |              |           |             |                   |           |
| Wharf 29 Príncep d'Espanya   |                    |         |              | 92,392         | 403,980         | 12,803       | 75,125    |             | 246,081           | 830,381   |
| TRAM VI                      |                    |         |              |                |                 |              |           |             |                   | 0         |
| Wharf 30 Dàrsena Sud         |                    |         |              |                |                 |              |           |             |                   | 0         |
| SECTOR 7                     |                    |         |              |                |                 |              |           |             |                   |           |
| Zona Sud                     |                    |         |              |                | 270,257         | 17,608       | 58,453    |             | 35,452            | 381,770   |
| SECTOR 8                     |                    |         |              |                |                 |              |           |             |                   |           |
| Wharf 32 Inflamables         |                    | 67,815  | 85,240       | 59,814         | 430,761         | 12,260       | 136,118   |             | 176,097           | 968,105   |
| Z.A.L. 1                     |                    |         |              |                |                 |              |           |             | 665,000           | 665,000   |
| Z.A.L. 2                     |                    |         |              |                |                 |              |           |             |                   | 1,667,000 |
| TOTAL PORT                   |                    | 140,147 | 110,863      | 455,034        | 2,350,407       | 119,035      | 558,232   | 267,752     | 856,178           | 7,241,453 |



## 2.1.8. Breakwaters (m)

| Name          | Length | Characteristics    |
|---------------|--------|--------------------|
| Dic de l'Est  | 4,230  | Concrete blocks    |
| Nou Contradic | 510    | Natural breakwater |
| TOTAL         | 4,740  |                    |

## 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<br>A                        | PUNTA SERNELLA LIGHTHOUSE<br>Punta Sernella.   | Tower on grey building, white dome.   | White           | One flash every 5 seconds.<br>1+4 = 5  | 13             |
| 31730<br>B                        | CAP DE CREUS LIGHTHOUSE<br>Cap de Creus.   | Tower on white house.   | White           | Groups of two flashes every 10 seconds.<br>0,3+2,2+0,3+7,2 = 10.                         | 20             |
| 31680<br>C                        | CALA NANS LIGHTHOUSE<br>Punta Cala Nans.   | Cylindrical tower on white house.   | White           | Groups of 4+1 flashes every 25 seconds.<br>(0,5+2,5) 3 times+0,5+7,5+0,5+7,5 = 25.       | 8              |
| 31610<br>D                        | ROSES LIGHTHOUSE<br>Punta de la Bateria.   | Cylindrical white tower on white house.   | White           | Groups of 4 eclipses every 15 sec.   | 12             |
| 31300<br>E                        | ILLES MEDES LIGHTHOUSE<br>Illa Meda Gran.  | Brick building with tower.  | White           | Group of 4 flashes every 24 seconds.<br>(1+3) 3 times+1+11 = 24.                         | 14             |
| 31250<br>F                        | SANT SEBASTIÀ LIGHTHOUSE<br>Cap de Sant Sebastià.                                    | White tower on white building.  | White           | One flash every 5 seconds<br>0,3+4,7 = 5.  | 32             |
| 31140<br>G                        | ILLES FORMIGUES<br>Illa Formiga Gran.  | Cylindrical tower on white house.   | White           | Groups of 3 flashes every 9 seconds.<br>0,5+1,5+0,5+1,5+0,5+4,5 = 9.                     | 6              |
| 31051<br>H                        | LLOSA DE PALAMÓS<br>Over la Llosa.   | Red column with black bands.  | White           | Groups of 2 flashes every 7 seconds.<br>0,5+1,5+0,5+4,5 = 7.                             | 5              |
| 31041<br>I                        | PALAMÓS LIGHTHOUSE<br>Punta del Molí.  | White cylindrical tower.  | White           | Eclipse groups of (1+4) flashes every 18 seconds.<br>(1,4+1) 3 times +4,4+1+4,4+1 = 18.  | 14             |
| 30998<br>J                        | LA REMRO BUOY<br>2 miles from the coast.   | Spherical yellow buoy.  | Yellow          | Groups of 5 flashes every 20 seconds<br>(0,4+2) 4 times +0,4+10 =20.                     | 1              |
| 30970<br>K                        | PORT LEADING LIGHT<br>Sant Feliu (Ant.).<br>Passeig Marítim.                         | White post marked with black and white bands at 45°.  | White           | Isophase every 3 seconds.  | 4              |
| 30971<br>L                        | PORT LEADING LIGHT<br>Sant Feliu (Post.).<br>Passeig Marítim 52 m from previous one. | White post marked with black and white bands at 45°.  | White           | Eclipse group every 3 seconds.<br>2+1 = 3.   | 4              |
| 30910<br>M                        | TOSSA LIGHTHOUSE<br>Cap de Tossa.  | White tower on building.  | White           | Groups of (3+1) flashes every 20 seconds.<br>0,2+2,3+0,2+2,3+0,2+7,3+0,2+7,3 = 20.       | 21             |
| 30810<br>N                        | CALELLA LIGHTHOUSE<br>Caella.  | Tower on white building.  | White           | Groups of (3+2) flashes every 20 seconds.<br>0,3+1,4+0,3+1,4+0,3+7,1+0,3+1,4+0,3+7,2=20. | 18             |
| 29700<br>O                        | MONTJUÏC LIGHTHOUSE<br>On the side of Montjuïc.                                      | Two-storey rectangular building with a tower crowned with a cylindrical light and silver dome. (When approaching from the sea, the upper green cylinder can be seen.)                               | White           | Two flashes every 15 seconds.<br>0,3+3,4+0,3+11 = 15.                                    | 26             |
| 29630<br>P                        | RIVER LLOBREGAT LIGHTHOUSE<br>At the mouth of the river.                             | Two-storey cylindrical building with polygonal tower and aerodynamic light.   | White           | One flash every 5 seconds.<br>1+4 = 5.   | 26             |
| 29340<br>Q                        | VILANOVA I LA GELTRÚ LIGHTHOUSE<br>Vilanova i la Geltrú Port.                        | Stone tower   | White           | Group of 3 flashes every 8 seconds.<br>0,2+1,5+0,2+1,5+0,2+4,4 = 8.                      | 19             |
| 29720<br>1                        | DIC DE L'EST LIGHTHOUSE<br>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           | One flash every 5 seconds.<br>1+4 = 5.   | 6              |
| 29740<br>2                        | MARTELL BEACON<br>At the head of the pier on.  | Cylindrical metal tower with two parts of different diameters, painted green with a white band in the middle.   | Green           | Two flashes every 5 seconds.<br>0,5+1+0,5+3 = 5.   | 3              |

| No. in Lighthouse book and on map | Name and position                                   | Description   | Colour of light | Characteristics  | Range in miles |
|-----------------------------------|---|---|-----------------|--|----------------|
| 30012<br>3                        | WHARF 01 ADOSSAT<br>SW end.                         | Metal post, painted green, on a pyramidal base.           | Green           | Group of 3 flashes every 7,5 seconds.<br>0,5+1+0,5+1+0,5+4 = 7,5.            | 2              |
| 30015<br>4                        | WHARF 01 ADOSSAT<br>Double Ro-Ro berth.             | Metal post, painted green, on a pyramidal base.           | Green           | Groups of 4 flashes every 9,8 seconds.<br>(0,3+0,7) 3+0,3+6,5 = 9,8.         | 2              |
| 30150<br>5 A                      | WHARF 02 LLEVANT<br>Beaconing bridge works          | Green capstan buoy  | Green           | Flashes every 5 seconds.<br>0,3+0,7 = 1.                                     | 1              |
| 30150<br>5 B                      | WHARF 02 LLEVANT<br>Beaconing bridge works          | Green capstan buoy  | Green           | Flashes every 5 seconds.<br>0,3+0,7 = 1.                                     | 1              |
| 30170<br>6                        | WHARF 05 OCCIDENTAL<br>SW corner.                   | Metal post, painted green, on a pyramidal base.           | Green           | Groups of 2 flashes every 5 seconds.<br>0,5+0,5+0,5+3,5=5.                   | 2              |
| 30190<br>7                        | WHARF 06 CATALUNYA<br>Southern corner.              | Metal post, painted green, on a pyramidal base.           | Green           | Groups of 3 flashes every 7,5 seconds.<br>0,5+1+0,5+1+0,5+4 = 7,5.           | 2              |
| 30210<br>8                        | WHARF 06 CATALUNYA<br>Northern corner.              | Metal post, painted green, on a pyramidal base.           | Green           | Groups of 4 flashes every 9,2 seconds.<br>(0,3+0,5) 3 times+ 0,5+5,5 = 9,2.  | 2              |
| 30376<br>9                        | WHARF 08 NOU<br>Southern corner.                    | Metal post, painted green-red-green, on a pyramidal base. | Green           | Groups of 2+1 flashes every 7 seconds.<br>0,5+0,5+0,5+1,5+0,5+3,5=7.         | 2              |
| 30374<br>10                       | WHARF 08 NOU<br>Northern corner.                    | Metal post, painted green, on a pyramidal base.           | Green           | Isolated flashes every 5 seconds.<br>1+4 = 5.                                | 2              |
| 30373<br>11                       | DÀRSENA DE LA INDÚSTRIA<br>End of guafe.            | Red post with a green centre band.                        | Red             | Groups of 2+1 flashes every 15 seconds.<br>0,5+1,5+0,5+6+0,5+6 = 15          | 2              |
| 30372<br>12                       | WHARF 11 BALEARS<br>Souther corner.                 | Metal post, painted red, on a pyramidal base.             | Red             | Isolated flashes every 5 seconds.<br>1+4 = 5.                                | 2              |
| 30370<br>13                       | WHARF 11 BALEARS<br>End of South Jetty.             | Metal post, painted green-red-green, on a pyramidal base. | Green           | Groups of 2+1 flashes every 7 seconds.<br>0,5+0,5+1,5+0,5+3,5 = 7.           | 2              |
| 30350<br>14                       | WHARF 11 BALEARS<br>End of North Jetty.             | Metal post, painted green, on a pyramidal base.           | Green           | Groups of 4 flashes every 9 seconds.<br>0,5+0,5+0,5+0,5+0,5+0,5+0,5+5,5 = 9. | 2              |
| 30332<br>14A                      | WHARF 13 MARINA PORT VELL<br>S. Jetty 8.            | Green post.   | Green           | One flash every 6 seconds.<br>1+5 = 6.                                       | 1              |
| 30333<br>14B                      | WHARF 13 MARINA PORT VELL<br>S Jetty 7.             | Green post.   | Green           | Groups of 4 flashes every 14 seconds.<br>1+1+1+1+1+1+1+7 = 14.               | 1              |
| 30334<br>14C                      | WHARF 13 MARINA PORT VELL<br>S Jetty 6.             | Green post.   | Green           | Groups of 3 flashes every 11 seconds.<br>0,5+1+0,5+1+0,5+7,5 = 11.           | 1              |
| 30335<br>14D                      | WHARF 13 MARINA PORT VELL<br>S Jetty 5.             | Green post.   | Green           | Groups of 2 flashes every 9 seconds.<br>0,5+1+0,5+7 = 9.                     | 1              |
| 30336<br>14E                      | WHARF 13 MARINA PORT VELL<br>S Jetty 4.             | Green post.   | Green           | One flash every 6 seconds.<br>1+5 = 6.                                       | 1              |
| 30337<br>14F                      | WHARF 13 MARINA PORT VELL<br>S Jetty 3.             | Green post.   | Green           | Groups of 4 flashes every 14 seconds.<br>1+1+1+1+1+1+1+7 = 14.               | 1              |
| 30338<br>14G                      | WHARF 13 MARINA PORT VELL<br>S Jetty 2.             | Green post.   | Green           | Groups of 3 flashes every 11 seconds.<br>0,5+1+0,5+1+0,5+7,5 = 11.           | 1              |
| 30339<br>14H                      | WHARF 13 MARINA PORT VELL<br>S Jetty 1.             | Green post.   | Green           | Groups of 2 flashes every 9 seconds.<br>0,5+1+0,5+7 = 9.                     | 1              |
| 30330<br>15                       | WHARF 15 ESPANYA<br>Northern corner.                | Metal post, painted red, on a pyramidal base.             | Red             | Groups of 3 flashes every 8 seconds.<br>0,5+0,5+0,5+0,5+0,5+5,5 = 8.         | 2              |
| 30310<br>16                       | WHARF 15 ESPANYA<br>SE Corner.                      | Metal post, painted green-red-green, on a pyramidal base. | Green           | Groups of 1+2 flashes every 9 seconds.<br>0,5+1,5+0,5+0,5+0,5+5,5 = 9.       | 2              |
| 30250<br>16A                      | WHARF 15 ESPANYA<br>Rambla del Mar East.            | Metal post, painted green.                                | Green           | Groups of 3 flashes every 10 seconds.<br>0,5+1,5+0,5+1,5+0,5+5,5 = 10.       | 1              |
| 30252<br>16B                      | WHARF 15 ESPANYA<br>SE Rambla del Mar East central. | Inclined metal post, painted green.                       | Green           | Groups of 2 flashes every 10 seconds.<br>1+2+1+6 = 10.                       | 1              |
| 30254<br>16C                      | WHARF 15 ESPANYA<br>SE Rambla de Mar West central.  | Inclined metal post, painted red.                         | Red             | Groups of 2 flashes every 10 seconds.<br>1+2+1+6 = 10.                       | 1              |
| 30256<br>17A                      | WHARF 16 BOSCH I ALSINA<br>Rambla de Mar East.      | Metal post painted red                                    | Red/Green       | Groups of 2 red or green flashes every 5 seconds.<br>0,5+1,5+0,5+2,5 = 5.    | 1              |
| 30258<br>17B                      | WHARF 16 BOSCH I ALSINA<br>Rambla de Mar West.      | Metal post painted red                                    | Red             | Groups of 2 flashes every 5 seconds.<br>0,5+1,5+0,5+2,5 = 5.                 | 1              |
| 30240<br>18                       | WHARF 18 BARCELONA<br>NE corner of centre edge.     | Metal post, painted red, on a pyramidal base.             | Red             | Groups of 2 flashes every 7 seconds.<br>0,5+0,5+0,5+5,5 = 7.                 | 2              |
| 30230<br>19                       | WHARF 18 BARCELONA<br>Southern corner.              | Metal post, painted red, on a pyramidal base.             | Red             | One flash every 5 seconds.<br>1+4 = 5.                                       | 2              |
| 30130<br>20                       | WHARF 20 PONENT<br>NE corner.                       | Metal post, painted red, on a pyramidal base.             | Red             | Groups of 4 flashes every 9 seconds.<br>0,5+0,5+0,5+0,5+0,5+0,5+0,5+5,5 = 9. | 2              |
| 30110<br>21                       | WHARF 20 PONENT<br>SE corner.                       | Metal post, painted red, on a pyramidal base.             | Red             | Groups of 3 flashes every 8 seconds.<br>0,5+0,5+0,5+0,5+0,5+5,5 = 8.         | 2              |
| 30090<br>22                       | WHARF 22 CONTRADIC<br>NE corner.                    | Metal post, painted red, on a pyramidal base.             | Red             | Groups of 2 flashes every 7 seconds.<br>0,5+0,5+0,5+5,5 = 7.                 | 2              |
| 30070<br>23                       | WHARF 22 CONTRADIC<br>Southern corner.              | Cylindrical tower, painted red, on a pyramidal base.      | Red             | One flash every 5 seconds.<br>1+4 = 5.                                       | 2              |
| 30050<br>24                       | WHARF 24 SUD<br>Northern corner.                    | Metal post, painted red, on a pyramidal base.             | Red             | Groups of 4 flashes every 10 seconds.<br>0,5+1+0,5+1+0,5+1+0,5+5 = 10.       | 2              |
| 30030<br>25                       | WHARF 24 SUD<br>Southern corner.                    | Metal post, painted red, on a pyramidal base.             | Red             | Groups of 3 flashes every 7,5 seconds.<br>0,5+1+0,5+1+0,5+4 = 7,5.           | 2              |

| No. in Lighthouse book and on map | Name and position   | Description  | Colour of light | Characteristics  | Range in miles |
|-----------------------------------|---|--|-----------------|--|----------------|
| 29980<br>26                       | WHARF 25 PANTALÀ<br>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 11,5 seconds.<br>0,5+1+0,5+3+0,5+6 = 11,5.            | 2              |
| 29960<br>27                       | WHARF 26 ALVAREZ DE LA CAMPA<br>NE end.   | Metal post, painted green, on a pyramidal base.  | Green           | One flash every 5 seconds.<br>1+4 = 5.   | 2              |
| 29950<br>28                       | WHARF 27 LEPANT<br>Southern end.  | Metal post, painted green, on a pyramidal base.  | Green           | Group of two flashes every 7 seconds.<br>1+1+1+4 = 7.                                  | 2              |
| 29945<br>29                       | WHARF 27 LEPANT<br>End of berth 2.  | Metal post, painted green, on a pyramidal base.  | Green           | Group of three flashes every 10 seconds.<br>0,5+1,5+0,5+1,5+0,5+5,5 = 10.              | 2              |
| 29942<br>30                       | WHARF 27 LEPANT<br>End of berth 1.  | Metal post, painted green, on a pyramidal base.  | Green           | Group of four flashes every 18 seconds.<br>1+2+1+2+1+2+1+8 = 18.                       | 2              |
| 29930<br>31                       | WHARF 28 EVARISTO FDEZ.<br>End of jetty.  | Metal post, painted green, on a pyramidal base.  | Green           | Group of 2+1 flashes every 15 seconds.<br>0,5+1,5+0,5+6+0,5+6 = 15.                    | 2              |
| 29900<br>32                       | WHARF 29 PRINCEP D'ESPANYA<br>Southern end.   | Metal post, painted green, on a pyramidal base.  | Green           | Group of three flashes every 8 seconds.<br>0,5+0,5+0,5+0,5+0,5+5,5 = 8.                | 2              |
| 29890<br>33                       | WHARF 30 D'ARSENÀ SUD<br>Southern end.  | Metal post, painted red, on a pyramidal base.  | Red             | Group of two flashes every 7 seconds.<br>0,5+0,5+0,5+5,5 = 7.                          | 2              |
| 29840<br>34                       | BUOY 2, ACCESS CHANNEL TO<br>BASIN OF INFLAMABLES WHARF.                                      | Red spar buoy.   | Red             | Groups of 4 flashes every 13,5 seconds.<br>0,5+1,5+0,5+1,5+0,5+1,5+0,5+7 = 13,5.       | 1              |
| 29820<br>35                       | BUOY 1, ACCESS CHANNEL TO<br>BASIN OF INFLAMABLES WHARF.                                      | Red spar buoy.   | Red             | Groups of 3 flashes every 7,5 seconds.<br>0,5+1+0,5+1+0,5+4 = 7,5.                     | 1              |
| 29760<br>36                       | NAUTOPHONE (Foghorn)<br>At the root of Nou Contradic.   | With a rectangular loudspeaker on a metal pillar, mounted on a red brick building.   |                 | When there is fog, it emits 3 long and 3 short (B) notes of Morse code.                | 3              |
| 29800<br>37                       | End of Duc d'Alba   | Post painted red   | Red             | Groups of 2 flashes every 5,5 seconds.<br>0,5+0,5+0,5+4 = 5,5.                         | 1              |
| 29760<br>38                       | NOU CONTRADIC<br>Beacon at head of jetty.   | Cylindrical brick building, painted red, with a white band at the base.  | Red             | One flash every 5 seconds.<br>1+4 = 5.   | 5              |
| 29710<br>39                       | South End of the inflammable<br>wharf's filling   | Post painted red   | Red             | Continuous flashes every 1second.<br>0,5+0,5= 1.                                       | 2              |
| 29670<br>40                       | RIVER LLOBREGAT BUOY<br>Indicating the shallows at the<br>mouth of the river.                 | Cylindrical pillar buoy with radar reflector (marks the East quadrant cardinal), painted black with a horizontal yellow band in the centre.                          | White           | Group of three flashes every 10 seconds.<br>0,3+0,7+0,3+0,7+0,3+7,7 = 10.              | 3              |
| 29680<br>41                       | SERRA BUOY, 2.7 MILES<br>SOUTH FROM THE END OF<br>DIC DE L'EST AND 2 MILES<br>FROM THE COAST. | Cylindrical pillar buoy, painted with red and white vertical bands, with passive radar reflector, marking the centre and beginning of the entry channel to the port. | White           | Morse (letter A) every 10 seconds.<br>0,5+0,5+1,5+7,5 = 10.<br>Racon Morse (letter B). | 3              |
| New<br>42                         | WASTE BUOY AT 2 MILES EAST<br>FROM THE END OF DIC DE L'EST                                    | Cylindrical beacon buoy painted yellow   | Yellow          | One flash every 5 seconds<br>0,5+4,5=5   | 3              |

## 2.3. Wharves and berths

### 2.3.1. Classification by basin

#### 2.3.1.1. Service

| Names                                     | Length (m)    | Draught (m) | Width (m) | Uses   |
|---|---------------|-------------|-----------|--|
| <b>COMMERCIAL BASINS</b>                  |               |             |           |  |
| Wharf 01C Adossat                         | 45            | 7           | 25.0      | Ro-ro vessels                                |
| Wharf 01D Adossat Mod. 28-ramp            | 24            | 9.50        | 26.0      | Ro-ro vessels                                |
| Wharf 01D Adossat Mod. 17-28              | 588           | 12.00       | 75.5      | General cargo                                |
| Wharf 01D Adossat Mod. 17-ramp            | 21            | 12.00       | 31.0      | Ro-ro vessels                                |
| Wharf 01E Adossat Mod. 16-ramp            | 21            | 11.80       | 31.0      | Ro-ro vessels                                |
| Wharf 01E Adossat Mod. 1-16               | 765           | 11.80       | 75.5      | Passengers                                   |
| Wharf 02A Llevant                         | 258           | 11.20       | 60.0      | Passengers                                   |
| Wharf 15B Espanya (East)                  | 235           | 8.60        | 12.0      | Passengers and representative vessels        |
| Wharf 17A Drassanes                       | 100           | 7.00        | 23.0      | Passengers/Ro-ro                             |
| Wharf 17B Drassanes (ramp)                | 29            | 7.00        | 15.6      | Passengers/Ro-ro                             |
| Wharf 18A Barcelona (North) (W ramp)      | 24            | 8.00        | 15.6      | Passengers/Ro-ro                             |
| Wharf 18A Barcelona (North)               | 481           | 8.00        | 80.0      | Passengers/Ro-ro                             |
| Wharf 18B Barcelona (East)                | 160           | 9.50        | 40.0      | Passengers                                   |
| Wharf 18C Barcelona (South)               | 430           | 9.00        | 80.0      | Passengers/Ro-ro                             |
| Wharf 18C Barcelona (South) (W ramp)      | 25            | 9.00        | 25.0      | Passengers/Ro-ro                             |
| Wharf 19 Sant Bertran (N ramp)            | 25            | 11.00       | 0.0       | Ro-ro vessels                                |
| Wharf 19 Sant Bertran                     | 529           | 11.00       | 83.0      | General cargo                                |
| Wharf 19 Sant Bertran (S ramp)            | 22            | 11.00       | 0.0       | Ro-ro vessels                                |
| Wharf 20A Ponent (North) (W ramp)         | 23            | 7.80        | 0.0       | Ro-ro vessels                                |
| Wharf 20A Ponent (North) (Section 1)      | 297           | 7.80        | 45.0      | General cargo ( Lo-lo and Ro-ro vessels)     |
| Wharf 20A Ponent (North) (E ramp)         | 31            | 7.80        | 45.0      | Ro-ro vessels                                |
| Wharf 20B Ponent (North) (Section 2)      | 90            | 7.80        | 29.0      | General cargo Wharf 20C                      |
| Wharf 20C Ponent (East)                   | 230           | 9.50        | 33.0      | General cargo                                |
| Wharf 20D Ponent (South)                  | 434           | 11.20       | 62.0      | General cargo                                |
| Wharf 21 Costa                            | 452           | 11.20       | 66.0      | General cargo, liquid bulk and ro-ro         |
| Wharf 22A Contradic (North)               | 419           | 9.50        | 85.0      | Liquid and solid bulk for special facilities |
| Wharf 22B Contradic (East)                | 241           | 10.80       | 13.0      | Solid bulk for special facilities            |
| Wharf 22C Contradic (South)               | 419           | 12.00       | 160.0     | Bulk products, General cargo and Ro-ro       |
| Wharf 23 East-One                         | 200           | 12.00       | 77.0      | Solid bulks                                  |
| Wharf 24B Sud (northern part)             | 350           | 12.00       | 220.0     | Containers                                   |
| Wharf 24B Sud (eastern part) Mod. 1-10    | 450           | 14.00       | 100.0     | Containers                                   |
| Wharf 24B Sud (eastern part) Mod.10-20    | 562           | 16.00       | 100.0     | Containers                                   |
| Wharf 26A Àlvarez de la Campa (ramp)      | 30            | 12.00       | 0.0       | Ro-ro vessels                                |
| Wharf 26B Àlvarez de la Campa (section 1) | 150           | 12.00       | 0.0       | Containers                                   |
| Wharf 26B Àlvarez de la Campa (section 2) | 250           | 12.00       | 0.0       | Solid bulk for special facilities            |
| Wharf 26B Àlvarez de la Campa (section 3) | 150           | 8.50        | 0.0       | Containers                                   |
| Wharf 26B Àlvarez de la Campa (section 4) | 80            | 8.50        | 0.0       | Cement for special facilities                |
| Wharf 26B Àlvarez de la Campa (section 5) | 150           | 6.50        | 0.0       | Containers                                   |
| Wharf 26C Àlvarez de la Campa             | 90            | 6.50        | 0.0       | Containers                                   |
| Wharf 27A Lepant (berth number 1)         | 80            | 7.00        | 42.0      | Ro-ro vessels                                |
| Wharf 27B Lepant (berth number 2)         | 124           | 7.80        | 25.0      | Ro-ro vessels                                |
| Wharf 27C Lepant (berth number 3)         | 170           | 11.00       | 15.0      | Ro-ro vessels                                |
| Wharf 28 Evaristo Fernández               | 152           | 7.00        | 65.0      | Ro-ro vessels                                |
| Wharf 29 Príncep d'Espanya                | 123           | 8.00        | 45.0      | Containers                                   |
| Wharf 29 Príncep d'Espanya                | 965           | 14.00       | 150/500,0 | Containers                                   |
| Wharf 30A Dàrsena Sud                     | 278           | 12.00       | 150.0     | Ro-ro vessels (automobiles)                  |
| Wharf 30B Dàrsena Sud                     | 209           | 12.00       | 190.0     | Ro-ro vessels (automobiles)                  |
| Wharf 30B Dàrsena Sud (N ramp)            | 25            | 12.00       | 0.0       | Ro-ro vessels (automobiles)                  |
| Wharf 30C Dàrsena Sud                     | 332           | 12.00       | 50/100,0  | Ro-ro vessels (automobiles)                  |
| Wharf 30C Dàrsena Sud (W ramp )           | 20            | 12.00       | 0.0       | Ro-ro vessels (automobiles)                  |
| Wharf 31A Dàrsena Interior                | 286           | 12.00       | 0.0       | Ro-ro vessels (automobiles)                  |
| Wharf 31B Dàrsena Interior                | 96            | 7.00        | 0.0       | Ro-ro vessels (automobiles)                  |
| Wharf 32 Inflamables (8 berths)           | 1,190         | 12.00       | 0.0       | Liquefied gases and liquids                  |
| <b>TOTAL</b>                              | <b>12,928</b> |             |           |  |
| <b>FISHING BASINS</b>                     |               |             |           |  |
| Wharf 11A Balears                         | 218           | 8.00        | 10.0      | Fishing                                      |
| Wharf 11B Balears                         | 61            | 8.00        | 21.0      | Fishing                                      |
| Wharf 11C Balears                         | 261           | 9.60        | 50.0      | Fishing                                      |
| Wharf 11B Pescadors                       | 69            | 8.00        | 35.0      | Fishing                                      |
| <b>TOTAL</b>                              | <b>608</b>    |             |           |  |

| Names                                  | Lenght (m) | Draught (m) | Width (m) | Uses                                    |
|--|------------|-------------|-----------|---|
| <b>OTHER BASINS</b>                    |            |             |           |   |
| Wharf 01B Adossat                      | 252        | 4.00        | 0.0       | Auxiliary vessels                       |
| Landing stage (Breakwater)             | 30         | 6.00        | 0.0       | Landing stage (local traffic)           |
| Wharf 01C Adossat Mod. 17 (Ramp heads) | 31         | 12.00       | 21.1      | Auxiliary vessels                       |
| Wharf 02B de Llevant (2nd alignment)   | 204        | 8.00        | 60.0      | Towboats                                |
| Wharf 02C de Llevant (1st alignment)   | 156        | 8.00        | 45.0      | Towboats                                |
| Wharf 03 Dic Flotant                   | 210        | 6.00        | 0.0       | repairs and workshops                   |
| Wharf 05A Occidental (Head)            | 59         | 9.00        | 10.0      | repairs and workshops                   |
| Wharf 05B Occidental (West)            | 210        | 9.00        | 19.5      | Floating repairs                        |
| Wharf 06A Catalunya Sud                | 35         | 8.00        | 5.5       | Repairs and outfitting                  |
| Wharf 06B Catalunya (head)             | 50         | 8.00        | 18.0      | Repairs and outfitting                  |
| Wharf 06C Catalunya Nord               | 214        | 8.00        | 26.0      | Repairs and outfitting                  |
| Wharf 08 Nou 'A'                       | 230        | 8.00        | 42.0      | Pleasure craft                          |
| Wharf 08 Nou 'B'                       | 66         | 8.00        | 42.0      | Repairs and outfitting                  |
| Wharf 10C de Pescadors (North)         | 140        | 8.00        | 35.0      | Fishing                                 |
| Wharf 12 del Rellotge                  | 218        | 8.00        | 65.0      | Pleasure craft                          |
| Wharf 13 Marina Port Vell              | 290        | 8.00        | 52.0      | Pleasure craft                          |
| Wharf 14 del Dipòsit (2nd alignment)   | 140        | 8.00        | 61.0      | Pleasure craft                          |
| Wharf 14 del Dipòsit (1st alignment)   | 108        | 8.00        | 40.0      | Pleasure craft                          |
| Wharf 15A d'Espanya NE                 | 437        | 8.30        | 34.0      | Port Vell                               |
| Wharf 15B d'Espanya East               | 184        | 8.60        | 38.0      | Port Vell                               |
| Wharf 15A d'Espanya South              | 123        | 7.60        | 36.0      | Port Vell                               |
| Wharf 15A d'Espanya (southern corner)  | 53         | 7.60        | 0.0       | Port Vell                               |
| Wharf 15A d'Espanya West-2             | 284        | 7.60        | 45.0      | Pleasure craft                          |
| Wharf 15A d'Espanya West-1             | 242        | 7.60        | 19.0      | Pleasure craft                          |
| Wharf 16 de Bosch i Alsina             | 507        | 6.60        | 55.0      | Non-commercial vessels, fueling vessels |
| Wharf 17A de Drassanes                 | 97         | 7.00        | 0.0       | Local traffic                           |
| TOTAL                                  | 4,568      |             |           |   |
| TOTAL SERVICE BASINS                   | 18,104     |             |           |   |

### 2.3.1.2. Private

| Names                         | Lenght (m) | Draught (m) | Width (m) | Uses                                      |
|-------------------------------|------------|-------------|-----------|---|
| <b>COMMERCIAL BASINS</b>      |            |             |           |   |
| Wharf 01B Adossat             | 270        | 11          | 0         | Solid bulk, special facilities            |
| Wharf 25 Pantalà              |            |             |           |   |
| Wharf 25C Platform 3 North    | 250        | 12          | 0         | Petroleum products                        |
| Wharf 25D Platform 3 South    | 250        | 12          | 0         | Petroleum products                        |
| Wharf 25B Platform 2 North    | 200        | 11          | 0         | Petroleum products                        |
| Wharf 25E Platform 2 South    | 200        | 11          | 0         | Petroleum products                        |
| Wharf 25A Platform 1 North    | 150        | 8           | 0         | Petroleum products                        |
| Wharf 25F Platform 1 South    | 150        | 8           | 0         | Petroleum products                        |
| Wharf 26C Àlvarez de la Campa | 250        | 12          | 100/200   | Solid and liquid bulk, special facilities |
| Wharf 32H Inflamables         | 258        | 12          | 0         | Liquefied natural gas                     |
| TOTAL                         | 1,978      |             |           |   |
| <b>FISHING BASINS</b>         |            |             |           |   |
| None                          |            |             |           |   |
| <b>OTHER BASINS</b>           |            |             |           |   |
| Wharf 07C Marina '92          | 126        | 8           | 52        | Vessel repairs                            |
| Wharf 07B Marina '92          | 104        | 8           | -         | Vessel repairs                            |
| Wharf 07A Marina '92          | 126        | 8           | 52        | Vessel repairs                            |
| TOTAL                         | 356        |             |           |   |
| TOTAL PRIVATE BASINS          | 2,334      |             |           |   |

### 2.3.2. Classification by use and draught

| Uses                              | Linear metres with draught "D" |                  |                 |                |                |      | Total<br>m |
|-----------------------------------|--------------------------------|------------------|-----------------|----------------|----------------|------|------------|
|                                   | D $\geq$ 12m                   | 12m>D $\leq$ 10m | 10m>D $\geq$ 8m | 8m>D $\geq$ 6m | 6m>D $\geq$ 4m | D<4m |            |
| <b>SERVICE</b>                    |                                |                  |                 |                |                |      |            |
| Commercial wharves                |                                |                  |                 |                |                |      |            |
| Standard general cargo            | 588                            | 1,415            | 230             | 387            | -              | -    | 2,620      |
| Containers                        | 2,477                          | -                | 273             | 240            | -              | -    | 2,990      |
| Ro-ro berths                      | 1,202                          | 262              | -               | 550            | -              | -    | 2,013      |
| Solid bulk, no special facilities | 419                            | -                | -               | -              | -              | -    | 419        |
| Solid bulk, special facilities    | 450                            | 241              | 419             | 80             | -              | -    | 1,190      |
| Liquid bulk                       | 1,190                          | -                | -               | -              | -              | -    | 1,190      |
| Passengers                        | -                              | 1,638            | 740             | 129            | -              | -    | 2,507      |

| Uses                                 | Linear metres with draught "D" |              |              |              |            |          | Total<br>m    |
|--------------------------------------|--------------------------------|--------------|--------------|--------------|------------|----------|---------------|
|                                      | D>=12m                         | 12m>D<=10m   | 10m>D>=8m    | 8m>D>=6m     | 6m>D>=4m   | D<4m     |               |
| Other wharves                        |                                |              |              |              |            |          |               |
| Fishing                              | -                              | -            | 608          | -            | -          | -        | 608           |
| Outfitting, repairs and shipbreaking | -                              | -            | 269          | 575          | -          | -        | 844           |
| Miscellaneous                        | 31                             | -            | 2,107        | 1,335        | 252        | -        | 3,725         |
| <b>TOTAL SERVICE</b>                 | <b>6,357</b>                   | <b>3,555</b> | <b>4,646</b> | <b>3,295</b> | <b>252</b> | <b>-</b> | <b>18,104</b> |
| PRIVATE                              |                                |              |              |              |            |          |               |
| Commercial wharves                   |                                |              |              |              |            |          |               |
| Standard general cargo               | -                              | -            | -            | -            | -          | -        | -             |
| Containers                           | -                              | -            | -            | -            | -          | -        | -             |
| Ro-ro berths                         | -                              | -            | -            | -            | -          | -        | -             |
| Solid bulk, no special facilities    | -                              | -            | -            | -            | -          | -        | -             |
| Solid bulk, special facilities       | 250                            | 270          | -            | -            | -          | -        | 520           |
| Liquid bulk                          | 258                            | 900          | 300          | -            | -          | -        | 1,458         |
| Passengers                           | -                              | -            | -            | -            | -          | -        | -             |
| Other wharves                        |                                |              |              |              |            |          |               |
| Fishing                              | -                              | -            | -            | -            | -          | -        | -             |
| Outfitting, repairs and shipbreaking | -                              | -            | 356          | -            | -          | -        | 356           |
| Miscellaneous                        | -                              | -            | -            | -            | -          | -        | -             |
| <b>TOTAL PRIVATE</b>                 | <b>508</b>                     | <b>1,170</b> | <b>656</b>   | <b>-</b>     | <b>-</b>   | <b>-</b> | <b>2,334</b>  |
| <b>TOTAL SERVICE AND PRIVATE</b>     | <b>6,865</b>                   | <b>4,725</b> | <b>5,301</b> | <b>-</b>     | <b>-</b>   | <b>-</b> | <b>20,438</b> |

## 2.4. Storage facilities

### 2.4.1. Storage facilities

| Wharf                 | Designation            | Uncovered<br>(m2) | Covered and open |               | Closed                    |               | Total area<br>(m2) |                  |
|-----------------------|------------------------|-------------------|------------------|---------------|---------------------------|---------------|--------------------|------------------|
|                       |                        |                   | Area<br>(m2)     | Height<br>(m) | Ground-floor<br>area (m2) | Height<br>(m) |                    | No. of<br>floors |
| <b>SERVICE</b>        |                        |                   |                  |               |                           |               |                    |                  |
| Wharf 01 Adossat      | Hangar T-1             | -                 | -                | -             | 3,264                     | 6             | 1                  | 3,264            |
| Id.                   | Yard Hangar T-1        | 1,696             | -                | -             | -                         | -             | -                  | 1,696            |
| Id.                   | Hangar T-2             | -                 | -                | -             | 3,360                     | 6             | 1                  | 3,360            |
| Id.                   | Hangar T-2 shed        | -                 | 797              | 6             | -                         | -             | -                  | 797              |
| Id.                   | Yard Hangar T-2        | 1,332             | -                | -             | -                         | -             | -                  | 1,332            |
| Id.                   | North yard             | 5,568             | -                | -             | -                         | -             | -                  | 5,568            |
| Id.                   | Central yard           | 14,459            | -                | -             | -                         | -             | -                  | 14,459           |
| Id.                   | Hangar TD              | -                 | -                | -             | 1,200                     | 6             | 1                  | 1,200            |
| Id.                   | Central Warehouse yard | 4,998             | -                | -             | -                         | -             | -                  | 4,998            |
| Id.                   | Hangar T-3             | -                 | -                | -             | 4,000                     | 8             | 1                  | 4,000            |
| Id.                   | Hangar T-4             | -                 | -                | -             | 10,100                    | 8             | 1                  | 10,100           |
| Id.                   | South Yard             | 9,800             | -                | -             | -                         | -             | -                  | 9,800            |
| Id.                   | South warehouse yard   | 5,450             | -                | -             | -                         | -             | -                  | 5,450            |
| Wharf 02 Llevant      | Hangar T-1             | -                 | -                | -             | 2,200                     | 6             | 1                  | 2,200            |
| Id.                   | Hangar T-2             | -                 | -                | -             | 2,200                     | 6             | -                  | 2,200            |
| Id.                   | Yard                   | 705               | -                | -             | -                         | -             | -                  | 705              |
| Id.                   | Shoulder yard          | 1,488             | -                | -             | -                         | -             | -                  | 1,488            |
| Wharf 18 Barcelona    | Hangar T-8             | -                 | -                | -             | 1,680                     | 6             | 1                  | 1,680            |
| Wharf 19 Sant Bertran | Hangar T-1             | -                 | -                | -             | 4,320                     | 6             | 1                  | 4,320            |
| Id.                   | Hangar T-2             | -                 | -                | -             | 3,840                     | 6             | 1                  | 3,840            |
| Id.                   | Hangar T-3             | -                 | -                | -             | 8,640                     | 7             | 1                  | 8,640            |
| Id.                   | Yard                   | 17,500            | -                | -             | -                         | -             | -                  | 17,500           |
| Wharf 20 Ponent       | Hangar T-1             | -                 | -                | -             | 3,570                     | 7             | 1                  | 3,570            |
| Id.                   | Hangar T-2             | -                 | -                | -             | 4,896                     | 7             | 1                  | 4,896            |
| Id.                   | Hangar T-4             | -                 | -                | -             | 8,954                     | 7             | 1                  | 8,954            |
| Id.                   | Hangar T-5             | -                 | -                | -             | 10,769                    | 7             | 1                  | 10,769           |
| Id.                   | Yard                   | 16,823            | -                | -             | -                         | -             | -                  | 16,823           |
| Id.                   | Warehouse yard         | 8,818             | -                | -             | -                         | -             | -                  | 8,818            |
| Wharf 21 Costa        | Shed                   | -                 | 1,176            | 8             | -                         | -             | -                  | 1,176            |
| Id.                   | Depot                  | -                 | -                | -             | 4,500                     | 8             | 1                  | 4,500            |
| Id.                   | Yard                   | 14,000            | -                | -             | -                         | -             | -                  | 14,000           |
| Wharf 22 Contradic.   | Yard                   | 13,325            | -                | -             | -                         | -             | -                  | 13,325           |
| Id.                   | Warehouse yard         | 8,222             | -                | -             | -                         | -             | -                  | 8,222            |
| Wharf 23 Oest         | Yard                   | 11,400            | -                | -             | -                         | -             | -                  | 11,400           |
| Wharf 24 Sud          | Bulk yard              | 64,400            | -                | -             | -                         | -             | -                  | 64,400           |
| Id.                   | Bulk yard              | 20,000            | -                | -             | -                         | -             | -                  | 20,000           |
| Id.                   | Warehouse-1 yard       | 67,392            | -                | -             | -                         | -             | -                  | 67,392           |
| Id.                   | Hangar T-1             | -                 | -                | -             | 7,200                     | 8             | 1                  | 7,200            |
| Id.                   | Hangar T-2             | -                 | -                | -             | 7,200                     | 8             | 1                  | 7,200            |

| Wharf                        | Designation        | Uncovered<br>(m2) | Covered and open |               | Closed                    |               | Total area<br>(m2) |                  |
|------------------------------|--------------------|-------------------|------------------|---------------|---------------------------|---------------|--------------------|------------------|
|                              |                    |                   | Area<br>(m2)     | Height<br>(m) | Ground-floor<br>area (m2) | Height<br>(m) |                    | No. of<br>floors |
| Id.                          | Warehouse-2 yard   | 21,918            | -                | -             | -                         | -             | -                  | 21,918           |
| Id.                          | Warehouse-3 yard   | 81,730            | -                | -             | -                         | -             | -                  | 81,730           |
| Wharf 26 Álvarez de la Campa | North yard         | 50,700            | -                | -             | -                         | -             | -                  | 50,700           |
| Id.                          | Depot              | -                 | -                | -             | 5,704                     | -             | -                  | 5,704            |
| Id.                          | South yard         | 28,000            | -                | -             | -                         | -             | -                  | 28,000           |
| Id.                          | Warehouse yard     | 3,976             | -                | -             | -                         | -             | -                  | 3,976            |
| Wharf 27 Lepant              | Depot              | -                 | -                | -             | 4,800                     | 7             | 1                  | 4,800            |
| Id.                          | Yard               | 15,785            | -                | -             | -                         | -             | -                  | 15,785           |
| TIR                          | TIR depots         | -                 | -                | -             | 15,000                    | 8             | 1                  | 15,000           |
| Id.                          | TIR sheds          | -                 | 3,200            | 8             | -                         | -             | -                  | 3,200            |
| Id.                          | South yard         | 95,902            | -                | -             | -                         | -             | -                  | 95,902           |
| Id.                          | Warehouse yard     | 22,891            | -                | -             | -                         | -             | -                  | 22,891           |
| Wharf 28 Evaristo Fernández  | Yard               | 12,000            | -                | -             | -                         | -             | -                  | 12,000           |
|                              | Depot              | -                 | -                | -             | 1,500                     | -             | -                  | 1,500            |
| Wharf 29 Príncep d'Espanya   | Sector A depot     | -                 | -                | -             | 3,750                     | 8             | 1                  | 3,750            |
| Id.                          | Sector A yard      | 140,730           | -                | -             | -                         | -             | -                  | 140,730          |
| Id.                          | Sector B yard      | 147,781           | -                | -             | -                         | -             | -                  | 147,781          |
| Id.                          | Hangar T-2         | -                 | -                | -             | 10,800                    | 8             | 1                  | 10,800           |
| Wharf 30 Dàrsena Sud         | Yard               | 45,037            | -                | -             | -                         | -             | -                  | 45,037           |
| Id.                          | Depot              | -                 | -                | -             | 3,600                     | 8             | 1                  | 3,600            |
| Id.                          | Yard (automobiles) | 135,162           | -                | -             | -                         | -             | -                  | 135,162          |
| Wharf 32 Inflamables         | Yard (tanks)       | 463,774           | -                | -             | -                         | -             | -                  | 463,774          |
| Zona Sud                     | Yard (automobiles) | 212,754           | -                | -             | -                         | -             | -                  | 212,754          |
| Zona Llobregat (ZAL)         | Yard               | 263,979           | -                | -             | -                         | -             | -                  | 263,979          |
| TOTAL SERVICE                |                    | 2,029,495         | 5,173            |               | 137,047                   |               |                    | 2,171,715        |
| PRIVATE                      |                    |                   |                  |               |                           |               |                    |                  |
| Wharf 23 Oest                | Moyresa depot      | -                 | -                | -             | 3,620                     | 8             | 1                  | 3,620            |
| Wharf 22 Contradic Est       | Ergransa depot     | -                 | -                | -             | 5,334                     | 15            | 1                  | 5,334            |
| TOTAL PRIVATE                |                    | -                 | -                | -             | 8,954                     | -             | -                  | 8,954            |
| TOTAL SERVICE AND PRIVATE    |                    | 2,029,495         | 5,173            |               | 146,001                   |               |                    | 2,180,669        |

## 2.4.2. Bonded storage facilities

| Wharf  | Designation | Uncovered<br>(m2) | Covered and open |               | Closed                    |               | Total area<br>(m2) |                  |
|--|-------------|-------------------|------------------|---------------|---------------------------|---------------|--------------------|------------------|
|  |             |                   | Area<br>(m2)     | Height<br>(m) | Ground-floor<br>area (m2) | Height<br>(m) |                    | No. of<br>floors |
| Wharf 26 Álvarez de la Campa                           | Depots      | -                 | -                | -             | 45,000                    | -             | -                  | 45,000           |
| Wharf 26 Álvarez de la Campa<br>(Consorti Zona Franca) | Yards       | 17,173            | -                | -             | -                         | -             | -                  | 17,173           |
| TOTAL  |             | 17,173            | -                | -             | 45,000                    | -             | -                  | 62,173           |

## 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 |
|------------|-----------------------|-----------|-----------|--|--------------------------|----------------------|
| Dock basin | Unión Naval Barcelona | 215       | 35        | 8.5  | 50,000                   | 1978                 |

### 2.5.2. Floating docks

| Owner                 | Length (m) | Width (m) | Maximum draught (m) | Upward force (t) | Year of construction |
|-----------------------|------------|-----------|---------------------|------------------|----------------------|
| Unión Naval Barcelona | 120        | 19        | 4.5                 | 4,500            | 1974                 |

### 2.5.3. Slipways

| Location       | Owner | No. of identical ramps | Length of ramp (m) | Width (m) | Gradient % | Draught at end (m) | Max. Allowed vessel tonnage |
|----------------|-------|------------------------|--------------------|-----------|------------|--------------------|-----------------------------|
| Wharf 09 Escar | APB*  | 1                      | 225                | 9.00      | 4.4        | 6                  | 300                         |
|                |       | 1                      | 225                | 3.95      | 4.4        | 6                  | 150                         |

\*Awarded by call for bids to Marina Barcelona-92, SA

### 2.5.4. Shipyards

| Location  | Owner                             | No. Of slipway | Area (m2) |
|---|-----------------------------------|----------------|-----------|
| Wharf 02 Llevant                                    | Hélices y Suministros Navales, SL | None           | 1,052     |
| Wharf 02 Llevant                                    | North Wind Yard, SL               | Id.            | 6,520     |
| Wharf 03 Dic Flotant / 05 Occidental / 06 Catalunya | Unión Naval Barcelona             | Id.            | 31,295    |
| Wharf 08 Nou  | Marina Barcelona-92, SA           | Id.            | 25,288    |

### 2.5.5. Refrigerated warehouses and ice factories

#### 2.5.5.1. Refrigerated warehouses

| Type of installation   | Location              | Owner                       | Area (m2) | Storage capacity (m3) |
|------------------------|-----------------------|-----------------------------|-----------|-----------------------|
| Refrigerated warehouse | Wharf 19 Sant Bertran | Frigoscandia Logistics, SA  | 6,600     | 75,000                |
| Fruit terminal         | Wharf 20 Ponent       | Terminal Port Nou, SA (BFT) | 5,400     | 23,040                |

#### 2.5.5.2. Ice factories

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



## 2.5.6. Fishing facilities

| Type of facility               | Location           | Owner | Area        |
|--------------------------------|--------------------|-------|-------------|
| Fish market                    | Wharf 10 Pescadors | APB   | 1,500m2     |
| Net dryers                     | Wharf 10 Pescadors | APB   | 1,200m2     |
| Buildings for fishing industry | Wharf 10 Pescadors | APB   | 83buildings |
| Buildings for fishing industry | Wharf 11 Balears   | APB   | 50buildings |

## 2.5.7. Passenger terminals

| Location              | Owner            | Traffic handled                | Area (m2) | No. Of floors | Total area (m2) |
|-----------------------|------------------|--------------------------------|-----------|---------------|-----------------|
| Wharf 01 Adossat      | APB              | International A                | 2,000     | 1             | 2,000           |
| Wharf 01 Adossat      | APB              | International B                | 1,125     | 1             | 1,125           |
| Wharf 01 Adossat      | APB              | International C                | 2,040     | 1             | 2,040           |
| Wharf 02 Levant       | APB              | International D                | 660       | 1             | 660             |
| Wharf 18 Barcelona    | APB              | Balearic islands               | 670       | 2             | 1,400           |
| Wharf 19 Sant Bertran | Trasmediterránea | International and Balearic is. | 1,500     | 1             | 1,500           |
| Wharf 15B Espanya     | APB              | International                  | 2,259     | 2             | 4,307           |
| Wharf 20 Ponent       | APB              | International                  | 150       | 1             | 150             |

## 2.5.8. Official buildings

| Location              | Owner                                | User                         | Use  | Area and characteristics                   |
|-----------------------|--------------------------------------|------------------------------|--|--|
| Wharf 01B Adossat     | APB                                  | Red Cross                    | Maritime rescue station                              | 342 m2 building<br>Rest of plot 1,563 m2   |
| Wharf 08 Nou          | Institut de Ciències del Mar         | Institut de Ciències del Mar | Laboratory   | 2,560 m2 building                          |
| Wharf 14 Dipòsit      | Universitat Politècnica de Catalunya | Navigation Faculty           | School   | 1,480 m2 building<br>Rest of plot 2,085 m2 |
| Wharf 15 Espanya      | Universitat Politècnica de Catalunya | Navigation Faculty           | Jetty, gymnasium and school                          | 500 m2 building<br>Rest of plot 422 m2     |
| Wharf 17 Drassanes    | APB                                  | APB                          | Offices  | 1,060 m2 building                          |
| Wharf 17 Drassanes    | Customs                              | Customs                      | Offices  | 4,840 m2 building                          |
| Wharf 19 Sant Bertran | APB                                  | Archdiocese Barcelona        | Maritime ministry                                    | 3-storey building<br>(300 m2 per floor)    |
| Wharf 24 Sud          | APB                                  | Ministry of Agriculture      | Veterinary inspection                                | -  |
| Tram V                | APB                                  | APB / Civil Guard / Lessees  | Offices  | 3,730 m2 building                          |
| Tram V                | APB                                  | Estibarna                    | Offices and contracting                              | 1,400 m2 building<br>Rest of plot 5,600 m2 |
| Tram VI               | APB                                  | APB                          | ASTA building  | 17,000 m2                                  |
| Tram VI               | DGMM                                 | DGMM                         | Harbour Master's office and Maritime traffic control | 4,862 m2                                   |

## 2.5.9. Other commercial and public buildings and facilities

| Location                     | Owner  | User   | Use   | Area and characteristics               |
|------------------------------|--|--|---|--|
| Wharf 01B Adossat            | Comercializadora Mediterránea de Cementos    | Comercializadora Mediterránea de Cementos    | Cement silo   | Area: 3,750 m2                         |
| Wharf 09 Escar               | A.P.B.                                       | -  | Shop  | 108 m2                                 |
| Wharf 09 Escar               | A.P.B.                                       | A.P.B.                                       | A.P.B. Pensioners/Naval League /Barcelona fes-te a la mar | Capacity: 18,000 m3                    |
| Wharf 15 Espanya             | A.P.B.                                       | Port 2000                                    | Warehouse   | -                                      |
| Wharf 16 Bosch i Alsina      | A.P.B.                                       | A.P.B.                                       | First-aid centre  | Building: 600 m2                       |
| Wharf 22 Contradic           | Ergransa                                     | Ergransa                                     | Receiving station for grain and seeds                     | Silos with capacity for 145,000 m3     |
| Wharf 22 Contradic           | A.P.B.                                       | Moyresa                                      | Warehouse, offices and toilets                            | 60 m2                                  |
| Wharf 22 Contradic           | Portcemen, SA                                | Portcemen, SA                                | Silo for clinker and cement                               | Area: 10,594 m2<br>Capacity: 70,000 m3 |
| Wharf 26 Álvarez de la Campa | Compañía Valenciana de Cementos Portland, SA | Compañía Valenciana de Cementos Portland, SA | Silo for cement   | Capacity 8,800m3                       |
| Wharf 26 Álvarez de la Campa | A.P.B.                                       | Sant Adrià, SA                               | Offices   | 89 m2                                  |
| Wharf 26 Álvarez de la Campa | A.P.B.                                       | Trafisa                                      | Offices   | 250 m2                                 |
| Wharf 30 Dàrsena Sud         | A.P.B.                                       | Various                                      | Offices   |  |
| Wharf 30 Dàrsena Sud         | A.P.B.                                       | Various                                      | Offices   |  |
| Wharf 32 Inflamables         | Ecoimsa                                      | Ecoimsa                                      | Waste treatment   | Plot: 5,123 m2                         |
| Wharf 32 Inflamables         | A.P.B.                                       | Various                                      | Laboratory and offices                                    | -                                      |
| Anselm Clavé street          | A.P.B.                                       | Port 2000                                    | Headquarters Port 2000, offices                           | -                                      |

| Location | Owner  | User         | Use     | Area and characteristics |
|----------|--------|--------------|---------|--------------------------|
| Tram VI  | A.P.B. | Damex        | Offices | 460 m2                   |
| Tram VI  | A.P.B. | Grúas JJ, SA | Offices | 60 m2                    |

## 2.6. Ship supply facilities

### 2.6.1. Fuel supply

| Type of supply      | Location                | No. of outflows | Hourly capacity of each outflow | Hourly wharf outflow capacity | Supplier |
|---------------------|-------------------------|-----------------|---------------------------------|-------------------------------|----------|
| Diesel (fishing)    | Wharf 11 Balears        | 1               | 2t                              | 2t                            | REPSOL   |
| Petrol and diesel   | Marina Port Vell        | 4               | 1.5t                            | 6t                            | PETROCAT |
| Petrol and diesel   | Wharf 16 Bosch i Alsina | 2               | 2t                              | 4t                            | CEPSA    |
| Diesel and fuel-oil | Entire port (tanker)    | -               | 100/300m3                       | -                             | C.L.H.   |
| TOTAL               |                         | 7               |                                 |                               |          |

### 2.6.2. Water supply

| Type of supply | Location                             | No. of outflows | Hourly capacity of each outflow | Hourly wharf outflow capacity | Supplier |
|----------------|--------------------------------------|-----------------|---------------------------------|-------------------------------|----------|
| Water          | Wharf 01 Adossat                     | 25              | 25m3                            | 100m3                         | A.P.B.   |
| Id.            | Wharf 02A Llevant                    | 3               | 25m3                            | 40m3                          | Id.      |
| Id.            | Wharf 02B Llevant                    | 1               | 25m3                            | 25m3                          | Id.      |
| Id.            | Wharf 02C Llevant                    | 1               | 25m3                            | 25m3                          | Id.      |
| Id.            | Wharf 11 Balears (breakwaters)       | 12              | 15m3                            | 40m3                          | Id.      |
| Id.            | Wharf 11A Balears                    | 6               | 15m3                            | 40m3                          | Id.      |
| Id.            | Wharf 15A Espanya                    | 4               | 25m3                            | 75m3                          | Id.      |
| Id.            | Wharf 16 Bosch i Alsina              | 4               | 25m3                            | 75m3                          | Id.      |
| Id.            | Wharf 17 Drassanes                   | 5               | 25m3                            | 50m3                          | Id.      |
| Id.            | Wharf 18A Barcelona                  | 8               | 25m3                            | 100m3                         | Id.      |
| Id.            | Wharf 18B Barcelona                  | 3               | 25m3                            | 75m3                          | Id.      |
| Id.            | Wharf 18C Barcelona                  | 6               | 25m3                            | 100m3                         | Id.      |
| Id.            | Wharf 19 Sant Bertran                | 17              | 25m3                            | 75m3                          | Id.      |
| Id.            | Wharf 20 Ponent E.                   | 9               | 25m3                            | 75m3                          | Id.      |
| Id.            | Wharf 20 Ponent S.                   | 15              | 25m3                            | 75m3                          | Id.      |
| Id.            | Wharf 21 Costa                       | 11              | 25m3                            | 75m3                          | Id.      |
| Id.            | Wharf 22 Contradic E.                | 6               | 25m3                            | 75m3                          | Id.      |
| Id.            | Wharf 22 Contradic N.                | 7               | 25m3                            | 75m3                          | Id.      |
| Id.            | Wharf 22 Contradic S.                | 15              | 25m3                            | 75m3                          | Id.      |
| Id.            | Wharf 23 Oest                        | 8               | 25m3                            | 100m3                         | Id.      |
| Id.            | Wharf 24 Sud (East side)             | 39              | 25m3                            | 100m3                         | Id.      |
| Id.            | Wharf 24 Sud (North side)            | 14              | 25m3                            | 100m3                         | Id.      |
| Id.            | Wharf 26 Álvarez de la Campa (South) | 17              | 25m3                            | 100m3                         | Id.      |
| Id.            | Wharf 26 Álvarez de la Campa (North) | 4               | 25m3                            | 100m3                         | Id.      |
| Id.            | Wharf 27 Lepant                      | 10              | 25m3                            | 100m3                         | Id.      |
| Id.            | Wharf 28 Evaristo Fernández          | 3               | 25m3                            | 75m3                          | Id.      |
| Id.            | Wharf 29 Ponent N.                   | 15              | 25m3                            | 75m3                          | Id.      |
| Id.            | Wharf 29 Princep d'Espanya           | 35              | 25m3                            | 125m3                         | Id.      |
| Id.            | Wharf 30 Dàrsena Sud                 | 27              | 25m3                            | 125m3                         | Id.      |
| Id.            | Wharf 31 Dàrsena Interior            | 15              | 25m3                            | 125m3                         | Id.      |
| Id.            | Wharf 32 Inflamables                 | 7               | 15m3                            | 90m3                          | Id.      |
| Id.            | Wharf 33 Nou Contradic               | 2               | 25m3                            | 40m3                          | Id.      |
| TOTAL          |                                      | 354             |                                 |                               |          |

## **2.7. Internal communication and land access**

### **2.7.1. Internal communication**

#### **2.7.1.1. Road**

A 13 km. 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.

#### **2.7.1.2. Rail**

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 25.16 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).

Renfe serves a varied demand of traffic: containers, non-containerised general cargo, soli bulks, and chemical products.

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

El Sud Wharf is equipped with a container rail terminal.

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

### **2.7.2. Overland access**

The Port of Barcelona is located at the edge of a junction of land transport infrastructures. This is a motorway and rail network which links the Port to its hinterland.

#### **2.7.2.1. Road**

Given that the Rondes, a fast ringroad around the perimeter of the city of Barcelona, pass right next to the Port, access to the road network is immediate.

The main roads and motorways are as follows:

- A-2 Motorway, linking up to the centre of the country, Aragon and the A-68 in the north of Spain and French border at Irun.
- A-7 Mediterranean Motorway, linking to the south with the east and centre of Spain and to the north with the French border and European motorway network.
- A-9 Motorway, linking to the A-7 to the French border via la Jonquera.
- A-16 Motorway, linking with the south and west.
- A-18 Motorway to Sabadell, Terrassa and Manresa, linking to the Llobregat trunk road and through the Cadí Tunnel to France via Puigcerdà and the Pimorent Tunnel.
- A-19 Motorway, linking up to the N II highway to the French border.
- N II highway, to the west, centre and north of the country.
- N 152 highway, to the French border via Puigcerdà.
- N 150 highway, to Sabadell, Terrassa and Manresa.
- N 340 highway, linking up to the south and east of the country.

### 2.7.2.2. Rail

The railways linking the Port and surrounding to the rest of the country are as follows:

- Renfe (Iberian gauge)
- To Port-Bou (France) via Mataró and Granollers
- To Puigcerdà (France)
- To centre, west and north of the country via: Manresa-Lleida, San Vicenç-Lleida, Tarragona-Saragossa
- To centre, south and east of the country via: Tarragona-València
  
- Ferrocarrils de la Generalitat de Catalunya
- To Manresa, Súria and Berga (metric gauge)
- To Igualada (metric gauge)
- To Sabadell and Terrassa

### 2.7.2.3. Pipelines

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

| Start                               | Diameter | Product            | Destination                        |
|-------------------------------------|----------|--------------------|------------------------------------|
| Inflammable Wharf (Terminal Enagas) | 1Ø90 mm  | Natural Gas        | Derivados Azufre, SA (Zona Franca) |
|                                     | 1Ø200 mm | Natural Gas        | Consumption belt                   |
|                                     | 1Ø200 mm | Natural Gas        | Link to the sea edge of the belt   |
|                                     | 4Ø150 mm | Propane and Butane | Consumption belt                   |

### 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                   | Owner          | No. and         | Make          | Energy        | Characteristics |           |                              | Output under normal operating | Year of |
|----------------------------|----------------|-----------------|---------------|---------------|-----------------|-----------|------------------------------|-------------------------------|---------|
|                            |                |                 |               |               | Strength (t)    | Reach (m) | Height above water level (m) |                               |         |
| Adossat                    | APB            | 2 Gantry        | Sener         | (C.a.) 440 v. | 6               | 18        | 22                           | 35                            | 1965    |
| Id.                        | Id.            | 5 Id.           | Macosa        | (C.a.) 440 v. | 12              | 35        | 22                           | 25                            | 1978    |
| Id.                        | Saport-Maport  | 2 Id.           | Imenasa       | (C.a.) 440 v. | 28              | 25        | 22                           | 30                            | 1976    |
| Llevant                    | APB            | 1 Id.           | Macosa        | (C.a.) 440 v. | 6               | 20        | 21                           | 28                            | 1958    |
| Sant Bertran               | T. Port Nou    | 1 Id.           | Sener         | (C.a.) 440 v. | 6               | 18        | 22                           | 35                            | 1965    |
| Id.                        | Id.            | 2 Id.           | Duro Felguera | (C.a.) 440 v. | 12              | 25        | 22                           | 30                            | 1981    |
| Id.                        | Id.            | 1 Id.           | Bynsa         | (C.a.) 440 v. | 30              | 25        | 25                           | 25                            | 1982    |
| Ponent N.                  | Id.            | 1 Id.           | Bynsa         | (C.a.) 440 v. | 6               | 22        | 25                           | 25                            | 1982    |
| Id.                        | Id.            | 1 Id.           | Sener         | (C.a.) 440 v. | 6               | 18        | 22                           | 35                            | 1965    |
| Ponent E.                  | Id.            | 1 Id.           | Sener         | (C.a.) 440 v. | 6               | 18        | 22                           | 35                            | 1965    |
| Id.                        | Id.            | 2 Id.           | Bynsa         | (C.a.) 440 v. | 6               | 22        | 25                           | 25                            | 1982    |
| Id.                        | T. Catalunya   | 1 Id.           | Sener         | (C.a.) 440 v. | 6               | 18        | 22                           | 35                            | 1965    |
| Ponent S.                  | Id.            | 1 Id.           | Sener         | (C.a.) 440 v. | 6               | 18        | 22                           | 35                            | 1965    |
| Id.                        | Id.            | 3 Id.           | Bynsa         | (C.a.) 440 v. | 6               | 22        | 25                           | 25                            | 1982    |
| Costa                      | Id.            | 1 Id.           | Bynsa         | (C.a.) 440 v. | 30              | 25        | 25                           | 25                            | 1982    |
| Id.                        | Id.            | 2 Id.           | Macosa        | (C.a.) 440 v. | 12              | 25        | 22                           | 25                            | 1978    |
| Id.                        | Id.            | 1 Id.           | Duro Felguera | (C.a.) 440 v. | 12              | 25        | 22                           | 30                            | 1981    |
| Contra. Sud                | APB            | 4 Id.           | Macosa        | (C.a.) 440 v. | 16              | 35        | 23                           | 30                            | 1988    |
| Oest                       | Id.            | 3 Id.           | Duro Felguera | (C.a.) 440 v. | 12              | 25        | 22                           | 30                            | 1981    |
| Sud N.                     | TCB            | 1 Bridge cranes | B.W.          | A.T. 6,000 v. | 50              | 35        | 27                           | 35                            | 1982    |
| Id.                        | Id.            | 1 Id.           | Paceco        | Id.           | 35              | 28.5      | 25                           | 32                            | 1990    |
| Id.                        | Id.            | 1 Id.           | Paceco        | Id.           | 50              | 35        | 27                           | 35                            | 1996    |
| Id.                        | Id.            | 2 Id.           | Kone          | Id.           | 50              | 47        | 33                           | 35                            | 1993    |
| Id.                        | Id.            | 1 Id.           | B.W.          | Id.           | 50              | 35        | 27                           | 35                            | 1982    |
| Id.                        | Id.            | 1 Id.           | B.W.          | Id.           | 50              | 35        | 27                           | 35                            | 1988    |
| Alvarez Campa              | Est. de Ponent | 1 Id.           | Paceco        | Id.           | 33.5            | 35        | 24                           | 30                            | 1966    |
| Id.                        | Id.            | 3 Gantry        | Imenasa       | (C.a.) 440 v. | 28              | 25        | 22                           | 30                            | 1973    |
| Id.                        | Trafisa        | 1 Id.           | Imenasa       | (C.a.) 440 v. | 28              | 25        | 22                           | 30                            | 1973    |
| Id.                        | Id.            | 1 Id.           | Imenasa       | (C.a.) 440 v. | 28              | 23        | 20                           | 30                            | 1980    |
| Lepant                     | Est. Ponent    | 1 Id.           | Imenasa       | (C.a.) 440 v. | 28              | 25        | 22                           | 30                            | 1973    |
| Id.                        | Id.            | 1 Bridge cranes | Paceco        | (C.a.) 440 v. | 41              | 33        | 25                           | 25                            | 1985    |
| Príncep d'Espanya          | Sammer         | 2 Bridge cranes | B.W.          | A.T. 6,000 v. | 50              | 35        | 24                           | 30                            | 1972    |
| Id.                        | Id.            | 1 Id.           | Demag         | Id.           | 40              | 35        | 27                           | 35                            | 1969    |
| Id.                        | Id.            | 1 Id.           | Peiner        | Id.           | 40              | 35        | 27                           | 35                            | 1968    |
| Id.                        | Id.            | 2 Id.           | Liebherr      | Id.           | 50              | 45        | 33                           | 35                            | 1998    |
| Dàrsena Sud 2 <sup>a</sup> | APB            | 2 Gantry        | Bynsa         | (C.a.) 440 v. | 6               | 22        | 25                           | 25                            | 1982    |
|                            | TOTAL          | 58              |               |               |                 |           |                              |                               |         |

### 2.8.1.2. Mobile cranes

| Owner                    | No.       | Make             | Energy used | Strength (tonnes) | Year of construction |
|--------------------------|-----------|------------------|-------------|-------------------|----------------------|
| Grúas J.J., S.A.         | 1         | Liebherr         | Diesel      | 120               | 1989                 |
| Grúas J.J., S.A.         | 1         | Liebherr         | Diesel      | 140               | 1987                 |
| Grúas J.J., S.A.         | 1         | Liebherr         | Diesel      | 225               | 1990                 |
| Grúas J.J., S.A.         | 1         | Liebherr         | Diesel      | 40                | 1988                 |
| Grúas J.J., S.A.         | 1         | Liebherr         | Diesel      | 450               | -----                |
| Grúas J.J., S.A.         | 1         | Liebherr         | Diesel      | 50                | -----                |
| Grúas J.J., S.A.         | 1         | Liebherr         | Diesel      | 70                | 1991                 |
| Grúas J.J., S.A.         | 1         | Liebherr         | Diesel      | 80                | 1991                 |
| Grúas J.J., S.A.         | 2         | Liebherr         | Diesel      | 60                | 1987                 |
| Grúas J.J., S.A.         | 2         | Luna             | Diesel      | 35                | 1987                 |
| Grúas J.J., S.A.         | 3         | Liebherr         | Diesel      | 25                | 1990/92              |
| Grúas J.J., S.A.         | 3         | Liebherr         | Diesel      | 45                | 1990                 |
| Saport-Mapor, S.A.       | 1         | Demag 2000 Q     | Diesel      | 62                | -----                |
| Terminal Catalunya, S.A. | 3         | Gottwald         | Diesel      | -----             | 1993/98/99           |
| Terminal Catalunya, S.A. | 1         | Liebherr LHM-320 | Diesel      | -----             | 1998                 |
| Terminal Catalunya, S.A. | 1         | Demag MC.900     | Diesel      | 60                | 1990                 |
| Terminal Port-Nou, S.A.  | 1         | Demag 2000 Q     | Diesel      | 52.5              | -----                |
| <b>TOTAL</b>             | <b>25</b> |                  |             |                   |                      |

### 2.8.1.3. Number of cranes. Summary.

| Type                               | Service   | Private   | Total     |
|------------------------------------|-----------|-----------|-----------|
| Gantry                             |           |           |           |
| Over 12 t                          | 4         | 10        | 14        |
| 12 t                               | 8         | 5         | 13        |
| 6 t                                | 5         | 11        | 16        |
| 3 t                                | -         | -         | -         |
| Total gantry                       | 17        | 26        | 43        |
| Bridge cranes (container carriers) | -         | 15        | 15        |
| Mobile cranes                      | -         | 25        | 25        |
| Other cranes                       | -         | -         | -         |
| <b>TOTAL</b>                       | <b>17</b> | <b>66</b> | <b>83</b> |

## 2.8.2. Special loading and discharge facilities

| Location                     | Owner   | Characteristics                          | Area and capability                              | Year of construction |
|------------------------------|---|--|--|----------------------|
| Wharf 01 B Adossat           | Comercializadora Mediterránea de Cementos, S.A. | Cement depot-silo                        | 13,724 m <sup>2</sup><br>18,000 m <sup>3</sup>   | 1991                 |
| Wharf 19 Sant Bertran        | Demagrisa                                       | Liquid bulk tanks                        | 4,141 m <sup>2</sup><br>16,872.39 m <sup>3</sup> | 1966                 |
| Wharf 19 Sant Bertran        | Proas, S.A.                                     | Liquid bulk tanks                        | 3,809 m <sup>2</sup><br>9,673 m <sup>3</sup>     | 1962                 |
| Wharf 22 Contradic (N)       | Tramer, S.A.                                    | Soya bean milling plant                  | 13,000 m <sup>2</sup>                            | 1935-41-69           |
| Wharf 22 Contradic (E)       | Egransa   | Grain and seed receiving station         | 12,908 m <sup>2</sup><br>171,670 m <sup>3</sup>  | 1963-80              |
| Wharf 22 Contradic (S)       | Loiret & Haentjens España, S.A.                 | Liquid bulk tanks                        | 2,952 m <sup>2</sup><br>4,520 m <sup>3</sup>     | 1991                 |
| Wharf 22 Contradic (S)       | Moyresa   | Liquid bulk tanks                        | 5,395 m <sup>2</sup><br>12,305 m <sup>3</sup>    | 1966                 |
| Wharf 22 Contradic (S)       | Portcemen, S.A.                                 | Silos for cement and clinker             | 10,419 m <sup>2</sup><br>72,000 m <sup>3</sup>   | 1975                 |
| Wharf 22 Contradic (S)       | Sadesa  | Liquid bulk tanks                        | 6,278 m <sup>2</sup><br>33,490 m <sup>3</sup>    | 1963                 |
| Wharf 23 Oest                | Moyresa   | Soya bean milling plant                  | 31,790 m <sup>2</sup>                            | 1979-81              |
| Wharf 26 Álvarez de la Campa | Cargill España, S.A.                            | Soya bean milling plant                  | 38,123 m <sup>2</sup>                            | 1979                 |
| Wharf 26 Álvarez de la Campa | Cía. Valenciana de Cementos, S.A.               | Silos for cement                         | 1,276 m <sup>2</sup><br>9,800 m <sup>3</sup>     | 1969                 |
| Wharf 32 Inflamables         | Capesa  | Liquid bulk tanks                        | 79,330 m <sup>2</sup><br>205,000 m <sup>3</sup>  | 1992                 |
| Wharf 32 Inflamables         | Terquimsa.                                      | Liquid bulk tanks                        | 32,986 m <sup>2</sup><br>32,000 m <sup>3</sup>   | 1975                 |
| Wharf 32 Inflamables         | Tepsa   | Liquid bulk tanks                        | 130,154 m <sup>2</sup><br>197,657 m <sup>3</sup> | 1973-80              |
| Wharf 32 Inflamables         | Relisa  | Liquid bulk tanks                        | 16,930 m <sup>2</sup><br>98,476 m <sup>3</sup>   | 1975                 |
| Wharf 32 Inflamables         | Enagas, S.A.                                    | Discharge and storage of liquefied gases | 156,000 m <sup>2</sup><br>240,000 m <sup>3</sup> | 1969                 |

## 2.8.3. Mobile rail material

| Location          | Owner  | Characteristics         | Power  | Year of construction |
|-------------------|--------|-------------------------|--------|----------------------|
| Wharf 24 Sud      | RENFE  | Manoeuvring locotractor | 234 CV | 1997                 |
| Can Tunis Station | ZEPHIR | Manoeuvring locotractor | 211 CV | 1997                 |



## 2.8.4. Auxiliary loading, discharge and transport material

| Type of material     | Owner / Terminal                | No. | Make               | Energy used | Characteristics |
|----------------------|---------------------------------|-----|--------------------|-------------|-----------------|
| Weighbridges         | Capesa                          | 2   | Magriña            | -----       | 60 tm           |
| Fork-lift trucks     | Capesa                          | 1   | Nissan             | Diesel      | 2 tm            |
| Buckets              | Coma y Ribas, S.L.              | 3   | Mecsa              | -----       | 9.5 m3          |
| Buckets              | Coma y Ribas, S.L.              | 1   | Omega              | -----       | 4 m3            |
| Buckets              | Coma y Ribas, S.L.              | 1   | Viana              | -----       | 6.5 m3          |
| Buckets              | Coma y Ribas, S.L.              | 1   | Mecsa              | -----       | 7 m3            |
| Loaders              | Coma y Ribas, S.L.              | 1   | M. Ferguson        | Diesel      | 3 tm            |
| Trailers             | Coma y Ribas, S.L.              | 6   | -----              | -----       | -----           |
| Hoppers              | Coma y Ribas, S.L.              | 2   | -----              | -----       | 35 m3           |
| Fork-lift trucks     | Compañía Trasmediterranea, S.A. | 1   | Fenwich            | Diesel      | 3.5 tm          |
| Fork-lift trucks     | Compañía Trasmediterranea, S.A. | 1   | Hyster             | Diesel      | 5.5 tm          |
| Fork-lift trucks     | Compañía Trasmediterranea, S.A. | 1   | Caterpillar        | Diesel      | 2.5 tm          |
| Mafis                | Compañía Trasmediterranea, S.A. | 6   | Dta. Douglas       | Diesel      | 45 tm           |
| Mafis                | Compañía Trasmediterranea, S.A. | 1   | Douglas            | Diesel      | 40 tm           |
| Mafis                | Compañía Trasmediterranea, S.A. | 1   | Sisu               | Diesel      | 45 tm           |
| Loaders              | Construcciones Espada, S.A.     | 1   | -----              | Diesel      | 80 CV           |
| Weighbridges         | Demagrisa                       | 1   | Ariso              | -----       | 60 tm           |
| Fork-lift trucks     | Enagas, S.A.                    | 1   | Still              | Electricity | 1.5 tm          |
| Weighbridges         | Ergransa, S.A.                  | 2   | Mettler Toledo     | Electricity | 60 tm           |
| Loaders              | Ergransa, S.A.                  | 3   | Bobcat Clark       | Diesel      | 1,679 kg        |
| Fork-lift trucks     | Ership, S.A.                    | 1   | -----              | Diesel      | -----           |
| Conveyor belts       | Ership, S.A.                    | 1   | -----              | Electricity | 20 m            |
| Buckets              | Ership, S.A.                    | 2   | -----              | -----       | 6 m3            |
| Buckets              | Ership, S.A.                    | 1   | -----              | -----       | 10 m3           |
| Buckets              | Ership, S.A.                    | 2   | -----              | -----       | 2.8 m3          |
| Fork-lift trucks     | Estibadora de Ponent, S.A.      | 1   | Hyster             | Diesel      | 24 tm           |
| Fork-lift trucks     | Estibadora de Ponent, S.A.      | 3   | Hyster             | Diesel      | 36 tm           |
| Fork-lift trucks     | Estibadora de Ponent, S.A.      | 1   | Hyster             | Diesel      | 12 tm           |
| Fork-lift trucks     | Estibadora de Ponent, S.A.      | 1   | Hyster             | Diesel      | 6 tm            |
| Fork-lift trucks     | Estibadora de Ponent, S.A.      | 3   | Caterpillar        | Diesel      | 36 tm           |
| Mafis                | Estibadora de Ponent, S.A.      | 4   | Terberg            | Diesel      | 170 CV          |
| Mafis                | Estibadora de Ponent, S.A.      | 6   | Sisu               | Diesel      | 170 CV          |
| Platforms            | Estibadora de Ponent, S.A.      | 10  | -----              | -----       | 12 m            |
| <i>Reach Stacker</i> | Estibadora de Ponent, S.A.      | 2   | Sisu               | Diesel      | 45 tm           |
| <i>Spreader</i>      | Estibadora de Ponent, S.A.      | 1   | Van de Graaf       | -----       | 35 tm           |
| <i>Spreader</i>      | Estibadora de Ponent, S.A.      | 1   | Bromma             | -----       | 35 tm           |
| Tractors             | Estibadora de Ponent, S.A.      | 2   | -----              | Diesel      | -----           |
| Fork-lift trucks     | Gines Guirao, S.L.              | 1   | Caterpillar 936-E  | Diesel      | 110 kW          |
| Fork-lift trucks     | Gines Guirao, S.L.              | 1   | Caterpillar 950-A  | Diesel      | 90 kW           |
| Fork-lift trucks     | Gines Guirao, S.L.              | 1   | Caterpillar 950-B  | Diesel      | 130 kW          |
| Fork-lift trucks     | Gines Guirao, S.L.              | 1   | Caterpillar 966-C  | Diesel      | 135 kW          |
| Fork-lift trucks     | Gines Guirao, S.L.              | 1   | Caterpillar 966-D  | Diesel      | 175 kW          |
| Fork-lift trucks     | Gines Guirao, S.L.              | 1   | Dresser-545        | Diesel      | 184 kW          |
| Fork-lift trucks     | Gines Guirao, S.L.              | 1   | Dresser-530        | Diesel      | 135 kW          |
| Fork-lift trucks     | Gines Guirao, S.L.              | 1   | ITF . 28           | Diesel      | 133 kW          |
| Fork-lift trucks     | Gines Guirao, S.L.              | 1   | Bobcat-974         | Diesel      | 60 kW           |
| Fork-lift trucks     | Gines Guirao, S.L.              | 1   | Caterpillar 926- E | Diesel      | 90 kW           |
| Fork-lift trucks     | Gines Guirao, S.L.              | 1   | Caterpillar 966- E | Diesel      | 175 kW          |
| Hoppers              | Gines Guirao, S.L.              | 1   | John-Deere         | Diesel      | 60 kW           |
| Fork-lift trucks     | Internacional Frigorífica, S.A. | 3   | Linde              | Electricity | 1.5 tm          |
| Conveyor belts       | Internacional Frigorífica, S.A. | 2   | Proconsa           | Electricity | 10m. 6m.        |
| Fork-lift trucks     | José Llinas e Hijos, S.L.       | 7   | NISSAN             | Electricity | 1.5 tm          |
| Fork-lift trucks     | José Llinas e Hijos, S.L.       | 1   | NISSAN             | Diesel      | 5 tm            |
| Fork-lift trucks     | José Llinas e Hijos, S.L.       | 2   | TOYOTA             | Electricity | 1.5 tm          |
| Fork-lift trucks     | José Llinas e Hijos, S.L.       | 1   | CAT                | Diesel      | 24 tm           |
| Fork-lift trucks     | José Llinas e Hijos, S.L.       | 10  | NISSAN             | Diesel      | 1.5 tm          |
| Fork-lift trucks     | José Llinas e Hijos, S.L.       | 1   | NISSAN             | Petrol      | 2.5 tm          |
| Fork-lift trucks     | José Llinas e Hijos, S.L.       | 4   | NISSAN             | Diesel      | 2 tm            |
| Fork-lift trucks     | José Llinas e Hijos, S.L.       | 8   | NISSAN             | Diesel      | 2.5 tm          |
| Fork-lift trucks     | José Llinas e Hijos, S.L.       | 2   | TOYOTA             | Diesel      | 4 tm            |
| Fork-lift trucks     | José Llinas e Hijos, S.L.       | 2   | NISSAN             | Diesel      | 4 tm            |
| Fork-lift trucks     | José Llinas e Hijos, S.L.       | 1   | HYSTER             | Electricity | 1.5 tm          |
| Fork-lift trucks     | José Llinas e Hijos, S.L.       | 2   | CAT                | Diesel      | 4 tm            |
| Fork-lift trucks     | José Llinas e Hijos, S.L.       | 1   | TOYOTA             | Diesel      | 1.5 tm          |
| Fork-lift trucks     | José Llinas e Hijos, S.L.       | 4   | BT                 | Electricity | 1.5 tm          |
| Fork-lift trucks     | José Llinas e Hijos, S.L.       | 1   | NYK                | Electricity | 1.5 t           |
| Fork-lift trucks     | José Llinas e Hijos, S.L.       | 2   | SAMSUNG            | Diesel      | 7 t             |
| Fork-lift trucks     | José Llinas e Hijos, S.L.       | 1   | SAMSUNG            | Diesel      | 2.5 t           |

| Type of material  | Owner / Terminal                | No. | Make                | Energy used | Characteristics |
|-------------------|---------------------------------|-----|---------------------|-------------|-----------------|
| Fork-lift trucks  | José Llinas e Hijos, S.L.       | 3   | SAMSUNG             | Diesel      | 2 t             |
| Fork-lift trucks  | José Llinas e Hijos, S.L.       | 1   | CARER               | Electricity | 1.5 t           |
| Fork-lift trucks  | José Llinas e Hijos, S.L.       | 6   | TCM                 | Diesel      | 1.5 t           |
| Fork-lift trucks  | José Llinas e Hijos, S.L.       | 1   | KALMAR              | Diesel      | 10 t            |
| Fork-lift trucks  | José Llinas e Hijos, S.L.       | 2   | TOYOTA              | Diesel      | 2.5 t           |
| Trailers          | José Llinas e Hijos, S.L.       | 1   | FRUEHAUF            | - - - -     | 35 t            |
| Trailers          | José Llinas e Hijos, S.L.       | 3   | GONTRAILER          | Diesel      | 30 t            |
| Tractor cranes    | José Llinas e Hijos, S.L.       | 1   | PEGASO              | Diesel      | 40 t            |
| Tractor cranes    | José Llinas e Hijos, S.L.       | 1   | IVECO               | Diesel      | 40 t            |
| Tractor cranes    | José Llinas e Hijos, S.L.       | 1   | MERCEDES            | Diesel      | 44 t            |
| Tractor cranes    | José Llinas e Hijos, S.L.       | 3   | POLARIS             | Petrol      | 1 t             |
| Transpalets       | José Llinas e Hijos, S.L.       | 5   | BT                  | Electricity | 2 t             |
| Transpalets       | José Llinas e Hijos, S.L.       | 1   | MIC                 | Electricity | 2 t             |
| Tank Semi-trailer | Loiret & Haentjens España, S.A. | 2   | B.S.L.              |             | 21 m3           |
| Tank Semi-trailer | Loiret & Haentjens España, S.A. | 1   | B.S.L.              |             | 24 m3           |
| Loading buckets   | Portcemen, S.A.                 | 1   | JCB 416             | Diesel      | 5.4 t           |
| Weighbridges      | Productos Asfálticos, S.A.      | 1   | Epel, S.A.          | Electricity | 60 t            |
| Fork-lift trucks  | Productos Asfálticos, S.A.      | 1   | Komatsu             | Diesel      | 1.5 t           |
| Cranes            | Renfe (Transport combinat)      | 1   | Jaso 262            | Electricity | 40 t            |
| Weighbridges      | Sadesa                          | 1   | Ariso               | Electronic  | 60 t            |
| Fork-lift trucks  | Sadesa                          | 1   | Caterpillar         | Diesel      | 4 t             |
| Trailers          | Sadesa                          | 2   | ----                | ----        | ----            |
| Fork-lift trucks  | Saport-Mapor, S.A.              | 1   | Kalmar              | ----        | 42 t            |
| Fork-lift trucks  | Saport-Mapor, S.A.              | 4   | Tug Master          | Diesel      | Diverses        |
| Fork-lift trucks  | Saport-Mapor, S.A.              | 3   | Hyster H 1400 XL    | Diesel      | 16 t            |
| Fork-lift trucks  | Saport-Mapor, S.A.              | 12  | Hyster 300 y 400 XL | Diesel      | 3 and 4 t       |
| Fork-lift trucks  | Saport-Mapor, S.A.              | 1   | Luna TH 32 N        | Diesel      | 32 t            |
| Fork-lift trucks  | Saport-Mapor, S.A.              | 1   | Luna TH 28 R        | Diesel      | 28 t            |
| Fork-lift trucks  | Saport-Mapor, S.A.              | 1   | Luna TH 42 R        | Diesel      | 42 t            |
| Fork-lift trucks  | Saport-Mapor, S.A.              | 2   | Hyster H 80         | Diesel      | 6 t             |
| Fork-lift trucks  | Saport-Mapor, S.A.              | 1   | Hyster H400 C       | Diesel      | 42 t            |
| Fork-lift trucks  | Saport-Mapor, S.A.              | 2   | Toyota 023 FD 35    | Diesel      | 4 t             |
| Fork-lift trucks  | Saport-Mapor, S.A.              | 2   | Nissan              | Diesel      | 7.5 t           |
| Fork-lift trucks  | Saport-Mapor, S.A.              | 1   | Hyster H460B        | Diesel      | 20 t            |
| Fork-lift trucks  | Saport-Mapor, S.A.              | 1   | Tug Master KALMAR   | Diesel      |                 |
| Platforms         | Saport-Mapor, S.A.              | 7   | ----                | ----        | 40'             |
| Tractor cranes    | Saport-Mapor, S.A.              | 2   | ----                | ----        | ----            |
| Fork-lift empty   | T.C.B., S.A.                    | 2   | Sisu                | ----        | 9 t             |
| Lorries           | T.C.B., S.A.                    | 5   | Pegaso              | Diesel      | ----            |
| Fork-lift trucks  | T.C.B., S.A.                    | 3   | Luna                | Diesel      | 40 t            |
| Fork-lift trucks  | T.C.B., S.A.                    | 2   | Hyster              | Diesel      | 25 t            |
| Fork-lift trucks  | T.C.B., S.A.                    | 2   | Fenwick             | Diesel      | 17 t            |
| Fork-lift trucks  | T.C.B., S.A.                    | 1   | Hyster              | Diesel      | 11.5 t          |
| Fork-lift trucks  | T.C.B., S.A.                    | 3   | Hyster              | Diesel      | 6 t             |
| Fork-lift trucks  | T.C.B., S.A.                    | 1   | Caterpillar         | Diesel      | 4 t             |
| Fork-lift trucks  | T.C.B., S.A.                    | 4   | Caterpillar         | Diesel      | 3 t             |
| Fork-lift trucks  | T.C.B., S.A.                    | 8   | Caterpillar         | Diesel      | 2.5 t           |
| Fork-lift trucks  | T.C.B., S.A.                    | 8   | Hyster              | Diesel      | 1.5 t           |
| Platforms         | T.C.B., S.A.                    | 6   | Fruehauf            | ----        | ----            |
| Reach Stacker     | T.C.B., S.A.                    | 1   | Sisu                | Diesel      | 45 t            |
| Straddle Carrier  | T.C.B., S.A.                    | 34  | Valmet-Sisu         | Diesel      | 40 t            |
| Fork-lift trucks  | Terminal Catalunya, S.A.        | 2   | Hyster H 16.00 XL2  | Diesel      | 16 t            |
| Fork-lift trucks  | Terminal Catalunya, S.A.        | 1   | Kalmar 16-200       | Diesel      | 16 t            |
| Fork-lift trucks  | Terminal Catalunya, S.A.        | 1   | Hyster H1600XL      | Diesel      | 16 t            |
| Fork-lift trucks  | Terminal Catalunya, S.A.        | 1   | Kalmar L30D         | Diesel      | 28 t            |
| Fork-lift trucks  | Terminal Catalunya, S.A.        | 6   | Caterpillar V50D-SA | Diesel      | ----            |
| Fork-lift trucks  | Terminal Catalunya, S.A.        | 2   | Hyster H32.00-F     | Diesel      | 32 t            |
| Fork-lift trucks  | Terminal Catalunya, S.A.        | 2   | Caterpillar DP25    | Diesel      | ----            |
| Fork-lift trucks  | Terminal Catalunya, S.A.        | 17  | Hyster H400 XL      | Diesel      | 4 t             |
| Fork-lift trucks  | Terminal Catalunya, S.A.        | 2   | Toyota              | Diesel      | 1.5 t           |
| Fork-lift trucks  | Terminal Catalunya, S.A.        | 2   | Hyster H2800        | Diesel      | 28 t            |
| Fork-lift trucks  | Terminal Catalunya, S.A.        | 1   | Daewoo D25s         | Diesel      | ----            |
| Fork-lift trucks  | Terminal Catalunya, S.A.        | 2   | Caterpillar V-155   | Diesel      | 7 t             |
| Fork-lift trucks  | Terminal Catalunya, S.A.        | 1   | Caterpillar V-150   | Diesel      | ----            |
| Fork-lift trucks  | Terminal Catalunya, S.A.        | 1   | Caterpillar V-200-B | Diesel      | ----            |
| Fork-lift trucks  | Terminal Catalunya, S.A.        | 5   | Hyster H700XL       | Diesel      | 7 t             |
| Fork-lift trucks  | Terminal Catalunya, S.A.        | 5   | Hyster H2500 XL     | Diesel      | 25 t            |
| Fork-lift trucks  | Terminal Catalunya, S.A.        | 6   | Caterpillar V-330   | Diesel      | 16 t            |
| Fork-lift trucks  | Terminal Catalunya, S.A.        | 1   | Caterpillar V-620   |             |                 |
| Fork-lift trucks  | Terminal Catalunya, S.A.        | 1   | Caterpillar V-300-C | Diesel      | ----            |

| Type of material     | Owner / Terminal                 | No. | Make              | Energy used | Characteristics |
|----------------------|----------------------------------|-----|-------------------|-------------|-----------------|
| Fork-lift trucks     | Terminal Catalunya, S.A.         | 1   | Nissan EGH-0230-V | Diesel      | -----           |
| Buckets              | Terminal Catalunya, S.A.         | 1   |                   | Diesel      | 14.3 m³         |
| Excavators           | Terminal Catalunya, S.A.         | 1   | Caterpillar 980F  | Diesel      | 9 t             |
| Excavators           | Terminal Catalunya, S.A.         | 1   | Caterpillar 966F  | Diesel      | 8 t             |
| Excavators           | Terminal Catalunya, S.A.         | 1   | Caterpillar 950F  | Diesel      | 6 t             |
| Excavators           | Terminal Catalunya, S.A.         | 1   | Caterpillar 936F  | Diesel      | 5 t             |
| Excavators           | Terminal Catalunya, S.A.         | 1   | Caterpillar 926F  | Diesel      | 3 t             |
| Mafis                | Terminal Catalunya, S.A.         | 4   | -----             | Diesel      | 36 t            |
| Mafis                | Terminal Catalunya, S.A.         | 8   | KALMAR TB-3042    | - - - -     | 36 t            |
| Mafis                | Terminal Catalunya, S.A.         | 11  | TERBERG TT        | - - - -     | 36 t            |
| Straps               | Terminal Catalunya, S.A.         | 1   |                   | Diesel      | 12.3 m³         |
| <i>Reach Stacker</i> | Terminal Catalunya, S.A.         | 5   | Fantuzzi          | Diesel      | 36 t            |
| <i>Reach Stacker</i> | Terminal Catalunya, S.A.         | 3   | Kalmar            | Diesel      | 36 t            |
| <i>Reach Stacker</i> | Terminal Catalunya, S.A.         | 9   | PPM               | Diesel      | 36 t            |
| <i>Trastainers</i>   | Terminal Catalunya, S.A.         | 4   | Fantuzzi Regienne | Diesel      | 42.5 t          |
| <i>Trastainers</i>   | Terminal Catalunya, S.A.         | 3   | Fantuzzi Regienne | Diesel      | 40 t            |
| Fork-lift trucks     | Terminal Port-Nou, S.A.          | 1   | Kalmar            | Diesel      | 32 t            |
| Fork-lift trucks     | Terminal Port-Nou, S.A.          | 1   | Hyster            | Diesel      | 6 t             |
| Fork-lift trucks     | Terminal Port-Nou, S.A.          | 12  | Fiat DI 30 CH     | Diesel      | 3 t             |
| Fork-lift trucks     | Terminal Port-Nou, S.A.          | 2   | Kalmar            | Diesel      | 42 t            |
| Fork-lift trucks     | Terminal Port-Nou, S.A.          | 4   | Fiat DI 40 C      | Diesel      | 4 t             |
| Fork-lift trucks     | Terminal Port-Nou, S.A.          | 6   | Fiat TSX-20       | Electricity | 2 t             |
| Fork-lift trucks     | Terminal Port-Nou, S.A.          | 2   | Kalmar            | Diesel      | 45 t            |
| Fork-lift trucks     | Terminal Port-Nou, S.A.          | 3   | Hyster            | Diesel      | 7 t             |
| Fork-lift trucks     | Terminal Port-Nou, S.A.          | 1   | Kalmar            | Diesel      | 41 t            |
| Mafis                | Terminal Port-Nou, S.A.          | 2   |                   | Diesel      |                 |
| Pallet trucks        | Terminal Port-Nou, S.A.          | 3   | Fiat Pimesco      | Electricity | 3 t             |
| Pallet trucks        | Terminal Port-Nou, S.A.          | 7   | Fiat Pimesco      | Electricity | 2 t             |
| Fork-lift trucks     | Terminales Portuarias, S.A.      | 1   | -----             | Diesel      | 2.5 t           |
| Weighbridges         | Terminales Portuarias, S.A.(T-2) | 1   | Bam-Eergio        | Mecànica    | 250 kg          |
| Weighbridges         | Terminales Portuarias, S.A.(T-2) | 1   | Bam-Eergio        | Mecànica    | 50 kg           |
| Weighbridges         | Terminales Portuarias, S.A.(T-2) | 1   | Bam-Eergio        | Mecànica    | 350 kg          |
| Weighbridges         | Terminales Portuarias, S.A.(T-2) | 1   | Cely              | Mecànica    | 400 kg          |
| Weighbridges         | Terminales Portuarias, S.A.(T-2) | 2   | Pibernat-Epelsa   | Electricity | 60 t            |
| Weighbridges         | Terminales Portuarias, S.A.(T-2) | 2   | Ariso             | Mecànica    | 500 kg          |
| Fork-lift trucks     | Terminales Portuarias, S.A.(T-2) | 1   | Still             | Electricity | 4.5 kW          |
| Fork-lift trucks     | Terminales Portuarias, S.A.(T-2) | 2   | Still             | Diesel      | 37 kW           |
| Fork-lift trucks     | TERQUIMSA                        | 1   | Fiat              | Diesel      | 3.5 t           |
| Weighbridges         | Tráfico Mercancias, S.A.         | 1   | Casals            | -----       | 80 t            |
| Weighbridges         | Tráfico Mercancias, S.A.         | 2   | Schenck           | sobre cinta | 1,000 t/h       |
| Conveyor belts       | Tráfico Mercancias, S.A.         | 25  | Various           | Electricity | 1,300 m         |
| Weigh bridges        | Tráfico Mercancias, S.A.         | 2   | M.I.T.            | Electricity | 500/1000 t/h    |
| Scraper              | Tráfico Mercancias, S.A.         | 1   | M.I.T.            | Electricity | 600 t/h         |
| Fork-lift trucks     | Tráficos Isleños, S.A.           | 1   | Caterpillar       | Diesel      | 12 t            |
| Fork-lift trucks     | Tráficos Isleños, S.A.           | 3   | Luna              | Diesel      | 42 t            |
| Fork-lift trucks     | Tráficos Isleños, S.A.           | 1   | Caterpillar       | Diesel      | 28 t            |
| Weighbridges         | Valenciana de Cementos, S.A.     | 1   | -----             | Electricity | -----           |
| Hoppers              | Valenciana de Cementos, S.A.     | 2   | -----             | Electricity | -----           |

## 2.9. Floating material

### 2.9.1. Dredgers

(None)

### 2.9.2. Tugboats

| Name           | Owner                       | Energy used | Power H.P. | Length (m) | Width (m) | Depth (m) | Year of construction |
|----------------|-----------------------------|-------------|------------|------------|-----------|-----------|----------------------|
| Montcabrer     | Remolcad. de Barcelona,S.A. | Gasoli      | 1,650      | 26.40      | 7.50      | 3.10      | 1988                 |
| Montfalcó      | Id.                         | Id.         | 1,650      | 26.40      | 7.50      | 3.10      | 1989                 |
| Montnegre      | Id.                         | Id.         | 1,650      | 26.40      | 7.50      | 3.10      | 1989                 |
| Montornés      | Id.                         | Id.         | 2,750      | 28.90      | 8.70      | 4.80      | 1992                 |
| Montroig       | Id.                         | Id.         | 1,650      | 26.40      | 7.50      | 3.10      | 1989                 |
| Montgat        | Id.                         | Id.         | 2,750      | 28.90      | 8.70      | 4.80      | 1993                 |
| Montjoi        | Id.                         | Id.         | 3,600      | 27.00      | 9.70      | 3.90      | 1995                 |
| Montsacopa     | Id.                         | Id.         | 3,600      | 27.00      | 9.70      | 3.90      | 1998                 |
| A. Gaudí       | SAR Remolcadores, S.L.      | Id.         | 1,890      | 31.00      | 8.50      | 4.40      | 1975                 |
| Joan Miró      | Id.                         | Id.         | 2,750      | 28.90      | 8.70      | 4.80      | 1992                 |
| Josep Pla      | Id.                         | Id.         | 1,650      | 27.00      | 7.50      | 3.10      | 1998                 |
| Pompeu Fabra   | Id.                         | Id.         | 1,650      | 27.00      | 7.50      | 3.10      | 1987                 |
| Joaquim Ruiria | Id.                         | Id.         | 3,600      | 27.00      | 9.70      | 3.90      | 1995                 |
| Pau Casals     | Id.                         | Id.         | 4,002      | 27.01      | 9.70      | 3.90      | 1998                 |

### 2.9.3. Sludge lighters, lighters and barges

(None)

### 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       | id         | Floating waste collector                                 | 1996                 |
| Corb Marí II      | id         | Floating waste collector                                 | 1996                 |
| Blavet            | id         | Floating waste collector                                 | 1998                 |
| Xatrac            | id         | Floating waste collector                                 | 1998                 |
| Pelican 69        | ECOLMARE   | Floating waste collector                                 | 1980                 |
| Aljibe nº 1       | id.        | Tank vessel  | 1968                 |
| Pedro de Alvarado | id.        | Sounding and miscellaneous services                      | 1964                 |
| Ter               | id.        | Sounding and miscellaneous services                      | 1980                 |
| Porta d'Aigua     | id.        | Authorities and visitors                                 | 1992                 |
| Ghibli            | SPRA, S.A. | Auxiliary antipollution and fire-fighting service launch | 1975                 |
| Caperol           | id.        | Auxiliary service launch                                 | 1976                 |
| Lucaya III        | id.        | Staff- transport launch                                  | 1962                 |
| Lucaya IV         | id.        | Staff- transport launch                                  | 1992                 |
| La Restinga       | id.        | Launch for hydrographic works                            | 1992                 |

## 2.10. Brief description of installations for specific traffic

### Containers and general cargo terminals

#### - Loading for external navigation

On the Sud wharf you can find the Public Container Terminal, a concession granted to TCB, SA. It currently occupies an area of 50 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 12 and 14 m. This terminal has 9 container lifting cranes, four 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 25 ha, a berthing line of 1,118 m and a draught of between 8.7 and 14 m. The terminal has one Ro-Ro ramp and covered warehouses with a surface area of 3.600 m<sup>2</sup>. Likewise, the company owns 6 container lifting cranes, two of which are of the post-panamax type.

On 01 Adossat, 19 Sant Bertran/20 Ponent and 20 Ponent/21 Costa Wharves, there are three multi-purpose general cargo terminals run by Saport-Mapor, SA, Terminal Port-Nou, SA and Terminal Catalunya, SA respectively. These terminals together occupy an area of 22.1 ha, with a maximum draught of 12 m and a berthing line of 2,500 m. They also have a total of 5 Ro-Ro ramps and a total covered warehouse area of 50,000 m<sup>2</sup>.

#### - Loading under Short Sea Shipping mode

26 Álvarez de la Campa and 27 Lepant Wharves (berths nos. 2 and 3) contain the area occupied by the company Estibadora de Ponent, SA for the handling of containers. This facility has an area of 30,218 m<sup>2</sup> and 38,806 m<sup>2</sup>, respectively on each wharf with draughts of between 6.5m and 11.8 m and a berthing line of 870 m with three Ro-Ro berths. Likewise, it has 4 gantry cranes of 28 T and 2 container lifting cranes of 33.5 T and 41 T. This terminal, as well as Short Sea Shipping, also handles exterior traffic with origin/destination in North Africa.

On the same 26 Álvarez de la Campa Wharf the company Tráficos Isleños, SA (TRAFISA) , is authorised to operate containerised goods on a flat area of 1.7 ha and 2,484.2 m<sup>2</sup> of warehouses, with a berthing line of 150 m and 9 m of draught. It has two 28 T gantry cranes.

Finally, on 28 Evaristo Fernández wharf, the Cía. Trasmediterránea, SA company has an area of 2.7 ha for the handling of containerised goods of which 7,300 m<sup>2</sup> are industrial premises. The draught of this wharf is 7.8 m and there are three Ro-Ro berths.

### Automobile 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 1,246 m with a maximum draught of 12 m.

Autoterminal has an area under concession of 29.2 ha, with a vertical silo allowing it to increase its storage area by 127.000 m<sup>2</sup>. The terminal has a capacity for 31,500 vehicles of which 21.500 correspond to uncovered places and the remaining 10,000 to covered places. It also has a vehicle personalisation centre and protection-removing tunnel.

Setram operates an area under concession of 5 ha.

### 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 145,000 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 22B Contradic Sud Wharves are home to the Cargill España, SA and Moyresa industries, specialised in the traffic of soyabeans. They have milling plants with a capacity of 1,200,000 T.

### Bulk cement reception and embarking terminal

On 01 Adossat, 22C Contradic, 26B Álvarez de la Campa Wharves and Carrer Z there are the Comercializadora Mediterránea de Cementos, SA, Portcemen, SA, Cía. Valenciana de Cementos, SA, and Transcondal, SA, cement terminals. 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 capacity from 400 to 700 T/hour.

#### **Terminals for the loading, unloading and storage of liquified gases and liquid in 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), Capesa (refined petroleum), CLH, SA (refined petroleum), Ecoimsa (oil residues), Sadesa (oils), Demagrisa (oils) and Loiret & Haëntjens Esp., SA (molasses). These terminals are located on 32 Inflamables, 19 Sant Beltran, 22 Contradic and Tram V Wharves. They occupy a total area of 65.6 hectares with an exclusive berthing line of 2,390 m and a maximum draught of 12 m. The total storage capacity is 1,205,000 m<sup>3</sup>.

#### **Fruit Terminal**

20C Ponent Wharf houses the Barcelona Fruit Terminal. It has 5,400 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.

#### **Forestry Products Terminal**

On 20D Ponent Wharf, the Terpacel, SA terminal handles and stores rolls of paper and paper pulp, cellulose, cardboard, logs and wood in general.

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

On 20D Ponent and 30 Dàrsena Sud wharves 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).

#### **Perishable Goods Terminal**

19 Sant Beltran Wharf houses Frigoscandia Logistics. The terminal has a cold storage facility of 6,600 m<sup>2</sup> for the storage of perishable goods whose stores have a 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 work 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 1998, with specific details as to size, functional use, the date on which authorisation was granted and the fee paid to the Autoritat Portuària de Barcelona. Following that there is a list of all the construction work and activities authorised in 1998.

### 3.1. Authorised before 1998 and currently in force

| No.                           | Designation                                       | Area (m2)    | Date of authorisation | Holder                             | Fee Ptas/m2/yr | Annual amount (ptas). |
|-------------------------------|---|--------------|-----------------------|------------------------------------|----------------|-----------------------|
| <b>DIC DE L'EST</b>           |   |              |                       |                                    |                |                       |
| 1                             | Controlled rod-fishing area                       | 97.50        | APB 30-May-94         | SDAD. PESCADORES DEP. DE MAR       | 1,942.00       | 189,345               |
| 2                             | Site for bar                                      | 1,500.00     | O.M. 22-May-70        | M <sup>a</sup> . TERESA OLLE       | 1,446.00       | 2,169,000             |
| 3                             | Site for breaking and silo                        | 13,724.00    | PAB 26-Jul-82         | HISPASILOS, SA                     | 878.00         | 12,049,672            |
| 4                             | Site  | 3,021.00     | APB 4-Sep-95          | UNIVERSITAT DE BARCELONA           | 663.00         | 2,002,923             |
| 5                             | Drinking water network Dic de l'Est - c/ Escar    | 6,342.00     | APB 21-Jan-97         | AGUAS DE BARCELONA, SA             | -              | -                     |
| <b>ADOSSAT</b>                |   |              |                       |                                    |                |                       |
| 6                             | Multipurpose terminal:                            |              |                       |                                    |                |                       |
|                               | Yard  | 24,522.00    | PAB 28-Jan-91         | SAPORT-MAPOR, SA                   | 644.00         | 15,792,168            |
|                               | Depot   | 15,600.00    |                       |                                    | 1,180.00       | 18,408,000            |
|                               | Office  | 480.00       |                       |                                    | 6,928.00       | 3,325,440             |
|                               | Workshop  | 490.00       |                       |                                    | 1,845.00       | 904,050               |
| <b>LLEVANT</b>                |   |              |                       |                                    |                |                       |
| 7                             | Depot no. 2 for silo                              | 2,073.00     | PAB 12-Jun-90         | LAXPORT, SA                        | -              | 19,847,512(*)         |
| 8                             | Depot   | 1,052.00     | PAB 27-May-91         | HÉLICES Y SUMINISTROS NAVALES, SL  | 3,694.00       | 3,886,088             |
| 9                             | Part of depot for workshop                        | 462.00       | PAB 27-May-91         | JOSE M <sup>a</sup> . VIDRI MOIX   | 1,206.00       | 557,172               |
| 10                            | Vessel design and repairing facilities            | 3,459.50     | APB 26-Mar-97         | NORTH WIND YARD, SL                | 1,206.00       | 4,172,157             |
|                               | Yard  | 1,651.00     |                       |                                    | 1,206.00       | 1,991,106             |
|                               | Facili. use                                       | -            |                       |                                    |                | 9,734,617             |
| <b>ORIENTAL</b>               |   |              |                       |                                    |                |                       |
| 11                            | Site for bar-restaurant                           | 168.00       | O.M. 24-Sep-64        | HERMINIA OLLE ROCA                 | 2,369.00       | 397,992               |
| <b>CATALUNYA I OCCIDENTAL</b> |   |              |                       |                                    |                |                       |
| 12                            | Vessel repairing area and facilities              | 31,013.00    | O.M. 30-Oct-72        | UNIÓ NAVAL DE LEVANTE, SA          | -              | 28,476,132            |
| <b>NOU</b>                    |   |              |                       |                                    |                |                       |
| 13                            | Central lab. Building for scientific research     | 2,560.00     | O.M. 29-Mar-55        | INST. INVES. PESQUERAS             | no fee         | -                     |
| 14                            | Sea water intake pipes                            | 57.00m.l.    | O.M. 24-Feb-59        | INST. INVES. PESQUERAS             | 5.00           | 285                   |
| 15                            | Building and facilities                           | 13,704.00    | O.M. 20-Feb-67        | CLUB NATACIÓ BARCELONA             | 398.00         | 5,454,192             |
| 16                            | New sports facilities                             | 6,220.00     | APB 25-Jun-97         | CLUB NATACIÓ BARCELONA             | 1,208.00       | 7,513,760             |
| 17                            | Vessel repair technical area                      | 25,288.00    | PAB 30-Oct-89         | MARINA BARCELONA 92, SA            | 1,206.00       | 30,497,328            |
| 18                            | Vessel-painting building                          | 2,094.20     | APB 25-Abr-94         | MARINA BARCELONA 92, SA            | 346.00         | 724,593               |
| 19                            | Municipal sports complex                          | 8,900.00     | PAB 2-Abr-91          | C.N. ATLÉTIC BARCELONETA           | 180.00         | 1,602,000             |
| <b>BALEARS</b>                |   |              |                       |                                    |                |                       |
| 20                            | Fuel supply to fishing vessels                    | 101.00       | APB 15-Feb-95         | REPSOL CIAL. PROD. PETROLÍFEROS,SA | -              | 231,106               |
| <b>RELOTGE</b>                |   |              |                       |                                    |                |                       |
| 21                            | Marina  | 1,114.30     | PAB 05-Nov-90         | MARINA PORT-VELL, SA               | 2,146.00       | 2,391,288             |
|                               | Support building                                  | 742.77       |                       |                                    | 2,146.00       | 1,593,984             |
|                               | Fishing area                                      | 900.00       |                       |                                    | 2,146.00       | 1,931,400             |
| 22                            | Two areas in support building                     | 2,471.74     | APB 15-Feb-95         | CONSORCI EL FAR                    | no fee         | -                     |
| <b>BARCELONETA</b>            |   |              |                       |                                    |                |                       |
| 23                            | Passeig de Borbó parking garage                   | 14,678.00    | PAB 30-Oct-89         | EST. SUBTERRANIS, SA               | 12% recapt.    | 29,474,412            |
| <b>DIPÒSIT</b>                |   |              |                       |                                    |                |                       |
| 24                            | Building fot jetty and gymnasium                  | 3,565.00     | R.O. 27-Abr-29        | FACULTAT DE NÀUTICA                | no fee         | -(*)                  |
| 25                            | Building  | 295.00       | O.M. 29-Abr-67        | COL. OF. PES. Y MED. PÚBLICOS      | 1,566.00       | 461,970               |
| 26                            | Part of "Palau de Mar" building                   | 15,594.00    | PAB 30-Oct-89         | PÒRTIC DE MAR, SA                  | 3,058.00       | 47,686,452            |
| 27                            | Palau de Mar (Museu d'Història)                   | 10,006.00    | APB 30-Mar-95         | GENERALITAT DE CATALUNYA           | 31.00          | 310,186               |
| <b>ESPANYA</b>                |   |              |                       |                                    |                |                       |
| 28                            | Sports buildings and facilities                   | 3,132.00     | O.M. 30-Oct-68        | REIAL CLUB MARÍTIM                 | 663.00         | 2,076,516             |
| 29                            | Sports buildings and facilities                   | 1,780.00     | O.M. 30-Oct-68        | REIAL CLUB NÀUTIC                  | 663.00         | 1,180,140             |
| 30                            | "L'Aquàrium" maritime centre                      | 6,664.00     | PAB 27-Nov-90         | MUNDO SUBMARINO, SA                | 2,416.00       | 16,100,224            |
| 31                            | Sea water transport for aquarium (Buried pipe)    | 607.00m.l.   | APB 27-Mar-96         | MUNDO SUBMARINO, SA                | 965.00         | 585,755               |
|                               | Sea water transport for aquarium (Submerged pipe) | 520.00m.l.   |                       |                                    | 137.00         | 71,240                |
| 32                            | Shopping centre:                                  |              |                       |                                    |                |                       |
|                               | "Maremàgnum" Shopping centre                      | 10,950.00    | PAB 30-Oct-89         | ODISEA 2000, SA                    | 2,293.00       | 25,108,350            |
|                               | Shopping centre parking garage                    | 11,939.00    |                       |                                    | 573.00         | 6,841,047             |
|                               | Multiscreen cinemas                               | 3,182.00     |                       |                                    | 2,293.00       | 7,296,326             |
| 33                            | Cinema  | 2,254.00     | PAB 25-Feb-91         | TEATRE IMAX BARCELONA, SA          | 2,146.00       | 4,837,084             |
| 34                            | Area for terraces                                 | 1,076.00     | APB 24-Abr-95         | TEATRE IMAX BARCELONA, SA          | 2,416.00       | 2,599,616             |
| 35                            | Drinking water network Sector A-B Port Vell       | 2,996.00m.l. | APB 21-Jan-97         | AGUAS DE BARCELONA, SA             | -              | -                     |
| <b>BOSCH I ALSINA</b>         |   |              |                       |                                    |                |                       |
| 36                            | Underground parking garage                        | 8,145.00     | PAB 25-Jan-86         | SDAD. MPAL.APARCAM. Y SERV.,SA     | 215.00         | 1,751,175             |
| 37                            | Locate no.1 for Bar-Restaurant                    | 287.00       | PAB 03-Oct-88         | AJUNTAMENT DE BARCELONA            | 1,814.00       | 520,618               |
| 38                            | Locate no.2 for Bar-Restaurant                    | 287.00       | PAB 03-Oct-88         | AJUNTAMENT DE BARCELONA            | 1,814.00       | 520,618               |
| 39                            | Locate no.3 for Bar-Restaurant                    | 287.00       | PAB 03-Oct-88         | AJUNTAMENT DE BARCELONA            | 1,814.00       | 520,618               |
| 40                            | Locate no.4 for Bar-Restaurant                    | 287.00       | PAB 03-Oct-88         | AJUNTAMENT DE BARCELONA            | 1,814.00       | 520,618               |
| 41                            | Locate no.5 for Bar-Restaurant                    | 287.00       | PAB 03-Oct-88         | AJUNTAMENT DE BARCELONA            | 1,814.00       | 520,618               |



| No.                        | Designation  | Area (m2)    | Date of authorisation | Holder                             | Fee Ptas/m2/yr | Annual amount (ptas). |
|----------------------------|--|--------------|-----------------------|------------------------------------|----------------|-----------------------|
| <b>BARCELONA</b>           |  |              |                       |                                    |                |                       |
| 42                         | Trade Center, built-on area                          | 18,691.93    | PAB 23-Abr-90         | INT. TRADE CENTER BARCELONA, SA    | 1,147.00       | 21,439,644            |
|                            | Trade Center, underground area                       | 20,930.51    |                       |                                    | 287.00         | 6,007,056             |
| <b>SANT BERTRAN</b>        |  |              |                       |                                    |                |                       |
| 43                         | Passenger terminal                                   | 7,028.00     | APB 14-Feb-96         | Cia. TRASMEDITERRÁNEA, SA          | 1,473.00       | 10,352,244            |
| 44                         | Area of depot no. 3                                  | 4,800.00     | PAB 25-Mar-91         | PROVIMAR                           | 2,825.00       | 13,560,000            |
| 45                         | Site for refrigerators                               | 6,600.00     | O.M. 31-May-90        | INTERFRISA                         | 1,386.00       | 9,147,600             |
| 46                         | Site for refrigerators                               | 3,809.24     | O.M. 23-Oct-62        | PROAS, SA                          | 1,386.00       | 5,279,607             |
|                            | Pipes  | 374.00m.l.   |                       |                                    | 531.00         | 198,594               |
| 47                         | Site for grease tank                                 | 4,141.00     | O.M. 28-Jun-60        | DEMAGRISA                          | 1,386.00       | 5,739,426             |
|                            | Pipes  | 374.00m.l.   |                       |                                    | 596.00         | 230,652               |
| 48                         | 'Apostolado del Mar' building                        | 900.00       | PAB 18-Mar-91         | ARQUEBISBAT DE BARCELONA           | no fee         | -                     |
| 49                         | Multipurpose terminal:                               |              |                       |                                    |                |                       |
|                            | Yard   | 31,563.00    | PAB 28-Jan-91         | TERMINAL PORT-NOU, SA              | 861.00         | 27,175,743            |
|                            | Depot  | 16,963.00    |                       |                                    | 1,574.00       | 26,699,762            |
|                            | Office   | 144.00       |                       |                                    | 9,237.00       | 1,330,128             |
| <b>PONENT</b>              |  |              |                       |                                    |                |                       |
| 50                         | Perishable goods terminal                            | 5,400.00     | PAB 28-Oct-91         | TERMINAL PORT-NOU, SA              | 1,574.00       | 8,499,600             |
| <b>COSTA</b>               |  |              |                       |                                    |                |                       |
| 51                         | Multipurpose terminal:                               |              |                       |                                    |                |                       |
|                            | Yard   | 33,285.00    | PAB 28-Jan-91         | TERMINAL CATALUNYA, SA             | 861.00         | 28,658,385            |
|                            | Depot  | 17,151.00    |                       |                                    | 1,574.00       | 26,995,674            |
|                            | Office   | 351.00       |                       |                                    | 9,237.00       | 3,242,187             |
| 52                         | Pipes  | 1,353.00m.l. | R.O. 16-Abr-23        | C.L.H., SA                         | 379.00         | 512,787               |
| 53                         | Pipes  | 996.00m.l.   | O.M. 26-Sep-40        | C.L.H., SA                         | 379.00         | 377,484               |
| 54                         | Pipes  | 250.40m.l.   | O.M. 23-Jul-54        | C.L.H., SA                         | 379.00         | 94,902                |
| 55                         | Arquetes   | 4.00         | O.M. 23-Jul-54        | C.L.H., SA                         | 500.00         | 2,000                 |
| <b>CONTRADIC</b>           |  |              |                       |                                    |                |                       |
| 56                         | Potash warehouse and wagon tippler                   | 4,663.00     | O.M. 8-May-58         | TRAMER, SA                         | 1,386.00       | 6,462,918             |
| 57                         | Potassium salt distributing tank                     | 3,048.00     | R.O. 20-Nov-30        | TRAMER, SA                         | 1,386.00       | 4,224,528             |
| 58                         | Wagon tippler  | 253.00       | O.M. 16-Nov-59        | TRAMER, SA                         | 1,386.00       | 350,658               |
| 59                         | Salt warehouse                                       | 2,200.00     | O.M. 23-Jan-69        | TRAMER, SA                         | 1,386.00       | 3,049,200             |
| 60                         | Distributing warehouse and load-discharge facilities | 2,836.00     | R.O. 16-Jan-26        | TRAMER, SA                         | 1,386.00       | 3,930,696             |
| 61                         | Grain silo "A"                                       | 1,102.00     | O.M. 21-Dec-61        | ERGRANSA                           | 1,446.00       | 1,593,492             |
| 62                         | Area of influence                                    | 1,868.00     | O.M. 21-Dec-61        | ERGRANSA                           | 1,446.00       | 2,701,128             |
| 63                         | Wagon loading and discharge station                  | 164.00       | O.M. 21-Mar-70        | ERGRANSA                           | 1,446.00       | 237,144               |
| 64                         | Extension of silos "B" and "C"                       | 4,440.00     | O.M. 8-Feb-78         | ERGRANSA                           | 1,446.00       | 6,420,240             |
| 65                         | Bulkagrofood warehouse                               | 5,334.37     | APB 30-Oct-95         | ERGRANSA                           | 1,473.00       | 7,857,527             |
| 66                         | Site for oils and similar goods                      | 5,395.00     | APB 14-Feb-96         | MOYRESA                            | 1,473.00       | 7,946,835             |
|                            | Pipes  | 455.00m.l.   |                       |                                    | 541.00         | 246,155               |
|                            | Facilities use                                       | -            |                       |                                    |                | 1,190,810             |
| 67                         | Site   | 6,278.00     | O.M. 22-Feb-63        | SADESA                             | 1,473.00       | 9,247,494             |
|                            | Pipes  | 90.00m.l.    |                       |                                    | 541.00         | 48,690                |
| 68                         | Bar  | 68.66        | O.M. 17-Nov-66        | JOSE ROVIRA                        | 1,446.00       | 99,282                |
| 69                         | Vessel loading facilities                            | 10,419.10    | O.M. 28-Jul-73        | PORTCEMEN, SA                      | 1,446.00       | 15,066,019            |
| 70                         | Molasses warehouse                                   | 2,952.00     | PAB 25-Feb-91         | LOIRET & HAENTJENS ESPAÑA, SA      | 1,473.00       | 4,348,296             |
|                            | Pipes  | 140.00m.l.   |                       |                                    | 541.00         | 75,740                |
| <b>OEST</b>                |  |              |                       |                                    |                |                       |
| 71                         | Cargo terminal                                       | 5,481.00     | O.M. 03-Jun-24        | FERROCARRILS GENERALITAT CATALUNYA | 474.00         | 2,597,994             |
| 72                         | Stall  | 30.00        | O.M. 13-May-58        | FERROCARRILS GENERALITAT CATALUNYA | 474.00         | 14,220                |
| 73                         | Site   | 31,790.00    | O.M. 13-Abr-77        | MOYRESA                            | 1,087.00       | 34,555,730            |
| <b>SUD</b>                 |  |              |                       |                                    |                |                       |
| 74                         | Public container terminal                            | 461,282.00   | PAB 24-Feb-92         | T.C.B., SA                         | 1,049.00       | 483,884,818           |
| 75                         | Turn around  | 387.69       | R.O. 15-Jan-31        | C.L.H., SA                         | 948.00         | 367,530               |
| 76                         | Site   | 635.00       | O.M. 19-Feb-46        | C.L.H., SA                         | 948.00         | 601,980               |
| 77                         | Site   | 10,317.62    | O.M. 19-Dec-62        | C.L.H., SA                         | 948.00         | 9,781,104             |
| 78                         | Site   | 73,080.00    | O.M. 28-Jul-67        | C.L.H., SA                         | 948.00         | 69,279,840            |
| 79                         | Oil pipeline   | 2,175.00m.l. | PAB 21-Sep-79         | C.L.H., SA                         | 379.00         | 824,325               |
| <b>PANTALÀ</b>             |  |              |                       |                                    |                |                       |
| 80                         | Vessel-berthing jetty                                | 12,070.00    | O.M. 24-Jun-66        | C.L.H., SA                         | 338.00         | 4,079,660             |
| <b>ÀLVAREZ DE LA CAMPA</b> |  |              |                       |                                    |                |                       |
| 81                         | Oil extraction plant                                 | 38,123.00    | O.M. 23-Jan-76        | CARGILL ESPAÑA, SA                 | 571.00         | 21,768,233            |
| 82                         | Cement silos   | 1,276.00     | O.M. 17-Sep-68        | CIÀ. VALENCIANA DE CEMENTS, SA     | 1,087.00       | 1,387,012             |
| 83                         | Service station                                      | 3,024.00     | PAB 28-Jan-91         | AGIP ESPAÑA, SA                    | 1,597.30       | 4,830,235             |
| 84                         | Domestic terminal                                    |              |                       |                                    |                |                       |
|                            | Yard   | 30,218.00    | PAB 25-Oct-91         | ESTIBADORA DE PONENT, SA           | 861.00         | 26,017,698            |
|                            | Depot  | 900.00       | PAB 25-Feb-91         | ESTIBADORA DE PONENT, SA           | 1,574.00       | 1,416,600             |

| No.                        | Designation                               | Area (m2)     | Date of authorisation | Holder                             | Fee Ptas/m2/yr | Annual amount (ptas). |
|----------------------------|---|---------------|-----------------------|------------------------------------|----------------|-----------------------|
| 85                         | 60-tonne weightbridge facility            | 200.00        | APB 25-Abr-94         | COL. OF. PESADORES Y MED. PUBLICOS | 1,206.00       | 241,200               |
| <b>PRÍNCIP D'ESPANYA</b>   |   |               |                       |                                    |                |                       |
| 86                         | Sector "B" container terminal             | 3,110.00      | PAB 1-Jul-82          | TCB, SA                            | 910.00         | 2,830,100(*)          |
| <b>TRAM VI</b>             |   |               |                       |                                    |                |                       |
| 87                         | Butane discharge pipes                    | 3,920.00m.l.  | O.M. 4-Oct-65         | REPSOL BUTANO, SA                  | 379.00         | 1,485,680(*)          |
| 88                         | Quarantine and laboratory                 | 3,750.00      | O.M. 3-Mar-72         | GENERALITAT DE CATALUNYA           | 474.00         | 1,777,500             |
| 89                         | Offices and warehouse                     | 12,740.00     | O.M. 19-Feb-73        | NEDLLOYD ROQUÉ, SA                 | 1,068.00       | 13,606,320            |
| 90                         | Site                                      | 21,394.00     | APB 23-Jul-97         | DAMEX, SA                          | 1,087.00       | 23,255,278            |
|                            | Depot                                     | 7,875.00      |                       |                                    | 3,637.00       | 28,641,375            |
|                            | Offices                                   | 368.00        |                       |                                    | 9,237.00       | 3,399,216             |
|                            | Facilities use                            | -             |                       |                                    |                | 640,766               |
| 91                         | Tankwashing area                          | 4,553.00      | PAB 28-Jan-91         | LAVADEROS DE CISTERNAS, SA         | 1,068.00       | 4,862,604             |
| 92                         | Site for workshop                         | 4,836.00      | O.M. 20-Sep-77        | INTEMA, SA                         | 1,068.00       | 5,164,848(*)          |
| 93                         | Multipurpose pipeline                     | 2,991.00m.l.  | PAB 30-Nov-81         | PROCOMSA                           | 379.00         | 1,001,985             |
| 94                         | Site                                      | 14,700.00     | PAB 2-Jun-82          | PROGECO ESPAÑA, SA                 | 1,087.00       | 15,978,900            |
| 95                         | Site                                      | 23,671.00     | PAB 21-Dec-87         | UNIEXPRESS ESPAÑA, SA              | 1,087.00       | 25,730,377(*)         |
| 96                         | Site for stocking and container repairs   | 24,086.00     | PAB 25-Jul-88         | BARCELONA CONTAINERS, SA           | 1,087.00       | 26,181,482            |
| <b>DÀRSENA SUD</b>         |   |               |                       |                                    |                |                       |
| 97                         | Automobile Terminal : Zones B, C i D      | 235,660.00    | PAB 27-Nov-89         | AUTOTERMINAL, SA                   | 977.00         | 230,239,820           |
| 98                         | Automobile Terminal : Part of Zone B      | 50,000.00     | PAB 28-Sep-92         | SETRAM, SA                         | 1,015.00       | 50,750,000            |
| <b>ZONA SUD</b>            |   |               |                       |                                    |                |                       |
| 99                         | Industrial building in Carrer Y           | 7,000.00      | PAB 8-Oct-90          | J. MESTRE, SA                      | 1,206.00       | 8,442,000             |
| 100                        | Site                                      | 10,000.00     | PAB 27-Feb-84         | SIDERCOTES, SA                     | 933.00         | 9,330,000             |
| 101                        | Site                                      | 10,000.00     | PAB 30-Jul-84         | MASONEILAN, SA                     | 1,002.00       | 10,020,000            |
| 102                        | Site                                      | 10,000.00     | PAB 30-Jul-84         | TRANSCONDAL CONTAINERS, SA         | 933.00         | 9,330,000             |
| 103                        | Site                                      | 10,000.00     | PAB 30-Jul-84         | PROCOMSA                           | 933.00         | 9,330,000             |
| 104                        | Service station                           | 5,250.00      | PAB 28-Jan-91         | AGIP ESPAÑA, SA                    | 1,485.00       | 7,796,250             |
| 105                        | Industrial building                       | 4,926.00      | PAB 28-Jan-91         | MINIS. HACIENDA (DUANA)            | no fee         | -                     |
| 106                        | Industrial building                       | 3,768.00      | PAB 25-Mar-91         | SERVEIS RECIPE (TM2)               | 3,637.00       | 13,704,216            |
|                            | Site                                      | 6,439.00      |                       |                                    | 1,291.00       | 8,312,749             |
| <b>INFLAMABLES</b>         |   |               |                       |                                    |                |                       |
| 107                        | Chemical products terminal                | 37,740.00     | O.M. 15-Jun-71        | TERMINALES PORTUARIAS, SA          | 1,020.00       | 38,494,800            |
| 108                        | Chemical products terminal                | 56,129.00     | O.M. 27-Jul-71        | TERMINALES PORTUARIAS, SA          | 1,032.00       | 57,925,128            |
| 109                        | Petrol products terminal                  | 36,285.00     | APB 15-Feb-95         | TERMINALES PORTUARIAS, SA          | 1,051.00       | 38,135,535            |
| 110                        | Chemical products terminal                | 32,231.00     | O.M. 04-Oct-73        | VAN OMMEREN TANK TERMINAL, SA      | 1,051.00       | 33,874,781            |
| 111                        | Site for liquid product warehouse         | 16,930.00     | O.M. 17-Sep-73        | RELISA                             | 1,051.00       | 17,793,430            |
| 112                        | Water-intake pool                         | 1,096.90      | PAB 18-Feb-80         | ENAGAS, SA                         | 1,032.00       | 1,132,001             |
| 113                        | Wharf for methane tankers                 | 2,000.00      | PAB 25-May-81         | ENAGAS, SA                         | 1,032.00       | 2,064,000             |
| 114                        | Site                                      | 156,000.00    | O.M. 10-Jun-77        | ENAGAS, SA                         | 363.60         | 56,721,600            |
| 115                        | Site hydrocarbon and derivative warehouse | 79,330.00     | PAB 03-Oct-88         | CAPEA                              | 1,051.00       | 83,375,830            |
| 116                        | Site                                      | 7,350.00      | PAB 27-May-91         | ECOLOGICA IBERICA Y MEDITERRANEA   | 1,207.00       | 8,871,450             |
| 117                        | Underwater gas pipeline                   | 12,900.00m.l. | O.M. 10-Nov-72        | GAS NATURAL SDG, SA                | 20.00          | 232,200               |
| 118                        | Pipe bridge                               | 192.50        | PAB 18-Feb-80         | ENAGAS, SA                         | 379.00         | 72,958                |
| <b>RASA CANONADES</b>      |   |               |                       |                                    |                |                       |
| 119                        | Pipes                                     | 2,075.00m.l.  | J.P. 12-Dec-74        | TERMINALES PORTUARIAS, SA          | 379.00         | 786,425               |
| 120                        | Pipes                                     | 660.00m.l.    | J.P. 12-Dec-74        | TERMINALES PORTUARIAS, SA          | 379.00         | 250,140               |
| 121                        | Pipes                                     | 1,130.00m.l.  | PAB 3-Oct-89          | CAPEA                              | 387.00         | 437,310               |
| 122                        | Pipes                                     | 1,040.00m.l.  | PAB 1-Jan-91          | RELISA                             | 387.00         | 402,480               |
| 123                        | Pipes                                     | 755.00m.l.    | PAB 31-Jan-89         | VAN OMMEREN TANK TERMINAL, SA      | 387.00         | 292,185               |
| 124                        | Pipes                                     | 300.00m.l.    | PAB 25-May-81         | ENAGAS, SA                         | 379.00         | 113,700               |
| 125                        | Sections of gas pipeline                  | 3,049.00m.l.  | PAB 27-Abr-81         | ENAGAS, SA                         | 379.00         | 1,155,571             |
| 126                        | Pipes                                     | 1,737.00m.l.  | APB 26-Jun-96         | GAS NATURAL SDG, SA                | 387.00         | 672,219               |
| <b>Z.A.L. (1st. PHASE)</b> |   |               |                       |                                    |                |                       |
| 127                        | Block A.1                                 | 127,247.00    | PAB 27-Abr-92         | CENTRO INTERMODAL LOGÍSTICA, SA    | -              | -                     |
| 128                        | Block A.2                                 | 55,395.00     | PAB 27-Abr-92         | CENTRO INTERMODAL LOGÍSTICA, SA    | -              | -                     |
| 129                        | Block A.3                                 | 48,361.00     | PAB 27-Abr-92         | CENTRO INTERMODAL LOGÍSTICA, SA    | -              | -                     |
| 130                        | Block A.4                                 | 38,061.00     | PAB 27-Abr-92         | CENTRO INTERMODAL LOGÍSTICA, SA    | -              | -                     |
| 131                        | Block A.5                                 | 48,120.00     | PAB 27-Abr-92         | CENTRO INTERMODAL LOGÍSTICA, SA    | -              | -                     |
| 132                        | Block A.7                                 | 53,729.00     | PAB 27-Abr-92         | CENTRO INTERMODAL LOGÍSTICA, SA    | -              | -                     |
| 133                        | Block A.8                                 | 107,801.00    | PAB 27-Abr-92         | CENTRO INTERMODAL LOGÍSTICA, SA    | -              | -                     |

(\*) Withdrawals during year.

### 3.2. Authorised in 1998

| No. | Designation  | Date of authorisation | Owner                                     | Levy Ptas./m2/year | Annual total (ptas). |
|-----|--|-----------------------|---|--------------------|----------------------|
| 1   | Transmission of the concession previously owned by the firm VAN OMMEREN TANK TERMINAL BARCELONA, SA to the firm TERMINALES QUÍMICOS, SA (TERQUIMSA) as a result of the merger following takeover of the former by the latter | APB 13-May-98         | VAN OMMEREN TANK TERMINAL BCN, SA         | 1,051.00           | 33,262,392.00        |
| 2   | Granting of a concession for the use of the existing drinking water supply network, Sector 5 (Inflammables Wharf - Gate 29)  | APB 27-May-98         | AGUAS DE BARCELONA, S.A.                  | -                  | -                    |
| 3   | Transmission of the concession previously owned by Mr. José M <sup>a</sup> VIDRI MOIX of the firm INGENIERÍAS TÉCNICAS PORTUARIAS (ITP)  | APB 27-May-98         | JOSÉ M <sup>a</sup> VIDRI MOIX            | 1,206.00           | 557,172.00           |
| 4   | Granting of a concession for the cleaning of the interior of tanker lorries i tanker containers.   | APB 25-June-98        | LAVADEROS DE CISTERNAS, SA                | 1,206.00           | 14,472,000.00        |
| 5   | Change of name of HISPASILOS, SA   | APB 25-June-98        | COMERCIALIZ. MEDITERRÁNEA DE CEMENTOS, SA | -                  | -                    |
| 6   | Modification of the surface of the concession held at the Automobles Terminal  | APB 25-June-98        | AUTOTERMINAL, SA                          | -                  | -                    |
| 7   | Subrogation to SETRAM, SA by public auction of the concession granted to INTEMA, SA.   | APB 25-June-98        | INTEMA, SA                                | 1,068.00           | 5,164,848.00         |
| 8   | Granting of the concession of the Multi-Purpose Terminal   | APB 8-July-98         | TERMINAL CATALUNYA, SA                    |                    |                      |
|     |  |                       | Yard                                      | 861.00             | 177,156,777.00       |
|     |  |                       | Depot                                     | 1,574.00           | 5,677,418.00         |
|     |  |                       | Office                                    | 2,461.00           | 1,887,587.00         |
|     |  |                       | Building                                  | -                  | 1,036,284.00         |
| 9   | Granting of a concession for a container "DEPOT"   | APB 29-July-98        | PROGECO ESPAÑA, SA                        | 1,206.00           | 82,008,000.00        |
| 10  | Granting of a concession for the construction and running of a salt warehouse  | APB30-Sept.-98        | SAL COSTA, SA                             | 1,087.00           | 7,940,535.00         |
| 11  | Reduction of the surface under exploitation of the jetty.  | APB30-Sept.-98        | Cía. LOGÍSTICA DE HIDROCARBUROS, SA       | -                  | -                    |
| 12  | Granting of a concession for the construction and running of a new laboratory and offices.   | APB28-Oct.-98         | SGS ESPAÑOLA DE CONTROL, SA               | 3,637.00           | 1,769,219.00         |
|     |  |                       |   | 15,978.00          | 1,190,361.00         |
| 13  | Transmission of the concession previously owned by the firm UNIEXPRESS ESPAÑA, SA to the firm TRANS-CATALÀ, SA   | APB25-Nov.-98         | UNIEXPRESS ESPAÑA, SA                     | 1,087.00           | 25,730,377.00        |



## 4. Traffic statistics

This chapter provides an extensive description of traffic in the Port of Barcelona. These statistics show the movement of passengers, the number of vessels entering the port - classified by size, flag and type of cargo traffic. Point 4.7 contains specific information on containerised traffic and Point 4.8 provides a summary of traffic in the Port of Barcelona as a whole.

## 4.1. Passenger traffic

### 4.1.1. Passengers

#### 4.1.1.1. Number of passengers

|                        | Domestic traffic | Foreign | Total domestic and foreign | Bay or local |
|------------------------|------------------|---------|----------------------------|--------------|
| Entries                | 280,814          | 117,434 | 398,248                    | 0            |
| Departures             | 308,132          | 118,435 | 426,567                    | 0            |
| Entries and departures | 588,946          | 235,869 | 824,815                    | 220,552      |
| In transit             | 0                | 240,607 | 240,607                    | 0            |
| TOTAL                  | 588,946          | 476,476 | 1,065,422                  | 220,552      |

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

| Port of origin or destination     | Entries | Departures | Total   |
|-----------------------------------|---------|------------|---------|
| Palma de Mallorca                 | 199,091 | 214,293    | 413,384 |
| Eivissa + Maó + Rest of domestic  | 81,723  | 93,839     | 175,562 |
| Total domestic                    | 280,814 | 308,132    | 588,946 |
| Foreign -pleasure cruise traffic- | 117,434 | 118,435    | 235,869 |
| Total foreign                     | 117,434 | 118,435    | 235,869 |
| TOTAL                             | 398,248 | 426,567    | 824,815 |

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

|            | Domestic | Foreign | Total   |
|------------|----------|---------|---------|
| Entries    | 62,742   | -       | 62,742  |
| Departures | 69,119   | -       | 69,119  |
| TOTAL      | 131,861  | -       | 131,861 |

## 4.2. Ships

### 4.2.1. Merchant vessels entering the port during the year

#### 4.2.1.1. Distribution by type of navigation and tonnage

| Type of navigation           | Total       | Up to<br>3,000 GT | From 3,001<br>to 5,000 GT | From 5,001<br>to 10,000 GT | From 10,001<br>to 25,000 GT | From 25,001<br>to 50,000 GT | More than<br>50,000 GT |
|------------------------------|-------------|-------------------|---------------------------|----------------------------|-----------------------------|-----------------------------|------------------------|
| <b>SPANISH</b>               |             |                   |                           |                            |                             |                             |                        |
| Domestic                     |             |                   |                           |                            |                             |                             |                        |
| Number                       | 2,220       | 156               | 370                       | 873                        | 821                         | 0                           | 0                      |
| GT                           | 16,603,118  | 266,006           | 1,311,479                 | 5,510,863                  | 9,514,770                   | 0                           | 0                      |
| Foreign                      |             |                   |                           |                            |                             |                             |                        |
| Number                       | 215         | 11                | 26                        | 140                        | 38                          | 0                           | 0                      |
| GT                           | 1,637,305   | 20,851            | 108,371                   | 883,226                    | 624,857                     | 0                           | 0                      |
| <b>TOTAL SPANISH</b>         |             |                   |                           |                            |                             |                             |                        |
| Number                       | 2,435       | 167               | 396                       | 1,013                      | 859                         | 0                           | 0                      |
| GT                           | 18,240,423  | 286,857           | 1,419,850                 | 6,394,089                  | 10,139,627                  | 0                           | 0                      |
| <b>FOREIGN</b>               |             |                   |                           |                            |                             |                             |                        |
| Domestic                     |             |                   |                           |                            |                             |                             |                        |
| Number                       | 51          | 19                | 15                        | 12                         | 1                           | 4                           | 0                      |
| GT                           | 332,466     | 47,446            | 54,880                    | 86,030                     | 16,927                      | 127,183                     | 0                      |
| Foreign                      |             |                   |                           |                            |                             |                             |                        |
| Number                       | 5,226       | 822               | 803                       | 1,165                      | 1,263                       | 981                         | 192                    |
| GT                           | 83,140,617  | 1,781,952         | 3,230,753                 | 8,755,441                  | 21,706,913                  | 36,009,300                  | 11,656,258             |
| <b>TOTAL FOREIGN</b>         |             |                   |                           |                            |                             |                             |                        |
| Number                       | 5,277       | 841               | 818                       | 1,177                      | 1,264                       | 985                         | 192                    |
| GT                           | 83,473,083  | 1,829,398         | 3,285,633                 | 8,841,471                  | 21,723,840                  | 36,136,483                  | 11,656,258             |
| <b>TOTALS</b>                |             |                   |                           |                            |                             |                             |                        |
| Domestic                     |             |                   |                           |                            |                             |                             |                        |
| Number                       | 2,271       | 175               | 385                       | 885                        | 822                         | 4                           | 0                      |
| GT                           | 16,935,584  | 313,452           | 1,366,359                 | 5,596,893                  | 9,531,697                   | 127,183                     | 0                      |
| Foreign                      |             |                   |                           |                            |                             |                             |                        |
| Number                       | 5,441       | 833               | 829                       | 1,305                      | 1,301                       | 981                         | 192                    |
| G.T                          | 84,777,922  | 1,802,803         | 3,339,124                 | 9,638,667                  | 22,331,770                  | 36,009,300                  | 11,656,258             |
| <b>GENERAL TOTAL</b>         |             |                   |                           |                            |                             |                             |                        |
| Number                       | 7,712       | 1,008             | 1,214                     | 2,190                      | 2,123                       | 985                         | 192                    |
| GT                           | 101,713,506 | 2,116,255         | 4,705,483                 | 15,235,560                 | 31,863,467                  | 36,136,483                  | 11,656,258             |
| <b>Percentage of total %</b> |             |                   |                           |                            |                             |                             |                        |
| Number                       | 100.00      | 13.07             | 15.74                     | 28.40                      | 27.53                       | 12.77                       | 2.49                   |
| GT                           | 100.00      | 2.08              | 4.63                      | 14.98                      | 31.33                       | 35.53                       | 11.46                  |

Does not include ships entering for breaking up or new ships launched during the year.

#### 4.2.1.2. Distribution by flags

|                      |       | Up to<br>3,000 GT | From 3,001<br>to 5,000 GT | From 5,001<br>to 10,000 GT | From 10,001<br>to 15,000 GT | From 15,001<br>to 25,000 GT | From 25,001<br>to 50,000 GT | More than<br>50,000 GT | Total     |
|----------------------|-------|-------------------|---------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------|-----------|
| GERMANY              | Calls | 96                | 56                        | 21                         | 22                          | 65                          | 53                          |                        | 313       |
|                      | GT    | 220,575           | 224,159                   | 176,619                    | 255,006                     | 1,053,781                   | 1,739,213                   |                        | 3,669,353 |
| ANTARCTICA           | Calls |                   |                           | 1                          |                             |                             |                             |                        | 1         |
|                      | GT    |                   |                           | 5,222                      |                             |                             |                             |                        | 5,222     |
| ANTIGUA AND BARBUDA  | Calls | 66                | 100                       | 22                         |                             | 12                          |                             |                        | 200       |
|                      | GT    | 148,002           | 375,168                   | 149,246                    |                             | 193,617                     |                             |                        | 866,033   |
| NETHERLANDS ANTILLES | Calls | 3                 | 8                         | 11                         | 1                           |                             |                             |                        | 23        |
|                      | GT    | 6,873             | 35,550                    | 82,117                     | 13,110                      |                             |                             |                        | 137,650   |
| SAUDI ARABIA         | Calls |                   |                           | 4                          |                             |                             |                             |                        | 4         |
|                      | GT    |                   |                           | 32,788                     |                             |                             |                             |                        | 32,788    |
| ALGERIA              | Calls | 27                |                           | 58                         |                             | 1                           |                             |                        | 86        |
|                      | GT    | 60,293            |                           | 420,362                    |                             | 21,659                      |                             |                        | 502,314   |
| AUSTRIA              | Calls | 9                 |                           |                            |                             |                             |                             |                        | 9         |
|                      | GT    | 21,810            |                           |                            |                             |                             |                             |                        | 21,810    |
| AZERBAIJAN           | Calls |                   | 1                         | 1                          |                             |                             |                             |                        | 2         |
|                      | GT    |                   | 3,714                     | 6,894                      |                             |                             |                             |                        | 10,608    |
| BAHAMAS              | Calls | 9                 | 62                        | 35                         | 26                          | 97                          | 50                          | 21                     | 300       |
|                      | GT    | 14,289            | 249,078                   | 234,839                    | 344,076                     | 2,072,476                   | 1,786,923                   | 1,245,227              | 5,946,908 |
| BARBADOS             | Calls | 12                | 4                         | 1                          |                             | 1                           |                             |                        | 18        |
|                      | GT    | 25,503            | 13,560                    | 7,194                      |                             | 20,837                      |                             |                        | 67,094    |
| BELIZE               | Calls | 16                |                           |                            | 4                           |                             |                             |                        | 20        |

|                      |       | Up to<br>3,000 GT | From 3,001<br>to 5,000 GT | From 5,001<br>to 10,000 GT | From 10,001<br>to 15,000 GT | From 15,001<br>to 25,000 GT | From 25,001<br>to 50,000 GT | More than<br>50,000 GT | Total      |
|----------------------|-------|-------------------|---------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------|------------|
|                      | GT    | 22,967            |                           |                            | 48,484                      |                             |                             |                        | 71,451     |
| BERMUDAS             | Calls |                   |                           |                            | 1                           | 4                           | 7                           |                        | 12         |
|                      | GT    |                   |                           |                            | 12,500                      | 64,249                      | 269,473                     |                        | 346,222    |
| BRAZIL               | Calls |                   |                           |                            | 7                           |                             |                             |                        | 7          |
|                      | GT    |                   |                           |                            | 95,592                      |                             |                             |                        | 95,592     |
| BULGARIA             | Calls | 9                 |                           | 64                         | 1                           | 1                           |                             |                        | 75         |
|                      | GT    | 18,339            |                           | 565,493                    | 11,687                      | 23,363                      |                             |                        | 618,882    |
| CAMBODIA             | Calls |                   | 1                         | 1                          |                             |                             |                             |                        | 2          |
|                      | GT    |                   | 3,282                     | 9,622                      |                             |                             |                             |                        | 12,904     |
| CAYMAN ISLANDS       | Calls |                   |                           | 9                          |                             |                             |                             |                        | 9          |
|                      | GT    |                   |                           | 52,974                     |                             |                             |                             |                        | 52,974     |
| CHINA                | Calls |                   |                           | 1                          | 6                           |                             | 8                           |                        | 15         |
|                      | GT    |                   |                           | 8,300                      | 67,070                      |                             | 358,261                     |                        | 433,631    |
| CYPRUS               | Calls | 65                | 11                        | 80                         | 21                          | 62                          | 43                          |                        | 282        |
|                      | GT    | 147,210           | 39,399                    | 698,209                    | 261,532                     | 1,131,405                   | 1,317,097                   |                        | 3,594,852  |
| SOUTH COREA          | Calls |                   |                           |                            |                             | 1                           | 1                           | 10                     | 12         |
|                      | GT    |                   |                           |                            |                             | 24,235                      | 29,252                      | 524,220                | 577,707    |
| CROATIA              | Calls | 5                 | 2                         | 5                          |                             | 2                           |                             |                        | 14         |
|                      | GT    | 10,075            | 8,980                     | 44,095                     |                             | 33,164                      |                             |                        | 96,314     |
| DENMARK              | Calls | 7                 |                           | 3                          | 34                          | 41                          | 4                           |                        | 89         |
|                      | GT    | 10,814            |                           | 24,612                     | 409,798                     | 817,262                     | 147,144                     |                        | 1,409,630  |
| EGYPT                | Calls | 1                 | 8                         | 23                         | 15                          |                             |                             |                        | 47         |
|                      | GT    | 1,981             | 37,504                    | 156,579                    | 181,140                     |                             |                             |                        | 377,204    |
| UNITED ARAB EMIRATES | Calls |                   |                           | 2                          |                             |                             |                             |                        | 2          |
|                      | GT    |                   |                           | 11,368                     |                             |                             |                             |                        | 11,368     |
| SPAIN                | Calls | 167               | 396                       | 1,013                      | 821                         | 38                          |                             |                        | 2,435      |
|                      | GT    | 286,857           | 1,419,850                 | 6,394,089                  | 9,456,090                   | 683,537                     |                             |                        | 18,240,423 |
| UNITED STATES        | Calls |                   |                           |                            |                             | 1                           | 1                           |                        | 2          |
|                      | GT    |                   |                           |                            |                             | 20,842                      | 38,659                      |                        | 59,501     |
| ESTONIA              | Calls | 2                 |                           |                            | 1                           |                             |                             |                        | 3          |
|                      | GT    | 4,004             |                           |                            | 10,069                      |                             |                             |                        | 14,073     |
| ETHIOPIA             | Calls |                   |                           | 1                          | 7                           |                             |                             |                        | 8          |
|                      | GT    |                   |                           | 5,535                      | 81,081                      |                             |                             |                        | 86,616     |
| PHILIPPINES          | Calls |                   |                           | 2                          |                             | 4                           | 7                           |                        | 13         |
|                      | GT    |                   |                           | 13,252                     |                             | 69,074                      | 266,812                     |                        | 349,138    |
| FINLAND              | Calls |                   | 3                         |                            |                             |                             |                             |                        | 3          |
|                      | GT    |                   | 11,478                    |                            |                             |                             |                             |                        | 11,478     |
| FRANCE               | Calls | 1                 | 22                        | 42                         | 2                           | 16                          | 3                           |                        | 86         |
|                      | GT    | 2,002             | 84,567                    | 316,019                    | 29,966                      | 308,506                     | 111,805                     |                        | 852,865    |
| GEORGIA              | Calls |                   |                           |                            |                             | 1                           |                             |                        | 1          |
|                      | GT    |                   |                           |                            |                             | 17,824                      |                             |                        | 17,824     |
| GREECE               | Calls | 35                | 1                         | 40                         | 46                          | 27                          | 10                          | 1                      | 160        |
|                      | GT    | 71,236            | 4,840                     | 282,680                    | 523,941                     | 466,901                     | 335,428                     | 56,135                 | 1,741,161  |
| HONDURAS             | Calls | 2                 | 1                         |                            |                             |                             |                             |                        | 3          |
|                      | GT    | 2,237             | 3,946                     |                            |                             |                             |                             |                        | 6,183      |
| HONG KONG            | Calls |                   |                           |                            |                             | 3                           | 5                           |                        | 8          |
|                      | GT    |                   |                           |                            |                             | 52,377                      | 182,451                     |                        | 234,828    |
| INDIA                | Calls |                   |                           |                            |                             | 26                          |                             |                        | 26         |
|                      | GT    |                   |                           |                            |                             | 568,531                     |                             |                        | 568,531    |
| IRAN                 | Calls |                   |                           |                            |                             |                             | 1                           |                        | 1          |
|                      | GT    |                   |                           |                            |                             |                             | 25,768                      |                        | 25,768     |
| IRELAND              | Calls | 1                 | 1                         |                            |                             |                             |                             |                        | 2          |
|                      | GT    | 2,827             | 4,783                     |                            |                             |                             |                             |                        | 7,610      |
| MARSHALL ISLANDS     | Calls |                   |                           |                            |                             | 2                           | 3                           |                        | 5          |
|                      | GT    |                   |                           |                            |                             | 37,330                      | 107,250                     |                        | 144,580    |
| ISRAEL               | Calls |                   |                           | 48                         |                             |                             | 102                         |                        | 150        |
|                      | GT    |                   |                           | 370,704                    |                             |                             | 4,029,826                   |                        | 4,400,530  |
| ITALY                | Calls | 49                | 54                        | 32                         | 5                           | 41                          | 95                          | 7                      | 283        |
|                      | GT    | 111,212           | 227,246                   | 228,559                    | 64,245                      | 757,334                     | 3,382,784                   | 378,000                | 5,149,380  |
| JAPAN                | Calls |                   |                           |                            |                             | 1                           | 13                          | 7                      | 21         |
|                      | GT    |                   |                           |                            |                             | 21,903                      | 565,664                     | 383,254                | 970,821    |
| LEBANON              | Calls |                   |                           | 9                          |                             |                             |                             |                        | 9          |
|                      | GT    |                   |                           | 69,183                     |                             |                             |                             |                        | 69,183     |
| LIBERIA              | Calls | 8                 | 63                        | 13                         | 51                          | 80                          | 110                         | 52                     | 377        |
|                      | GT    | 20,188            | 249,331                   | 90,830                     | 643,157                     | 1,475,550                   | 3,815,410                   | 3,521,109              | 9,815,575  |
| LIBYA                | Calls |                   |                           | 13                         |                             |                             |                             |                        | 13         |
|                      | GT    |                   |                           | 79,365                     |                             |                             |                             |                        | 79,365     |
| LITHUANIA            | Calls |                   | 22                        |                            |                             |                             |                             |                        | 22         |
|                      | GT    |                   | 85,646                    |                            |                             |                             |                             |                        | 85,646     |
| LUXEMBOURG           | Calls | 3                 |                           |                            |                             |                             |                             |                        | 3          |

|                                   |       | Up to<br>3,000 GT | From 3,001<br>to 5,000 GT | From 5,001<br>to 10,000 GT | From 10,001<br>to 15,000 GT | From 15,001<br>to 25,000 GT | From 25,001<br>to 50,000 GT | More than<br>50,000 GT | Total       |
|-----------------------------------|-------|-------------------|---------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------|-------------|
|                                   | GT    | 7,342             |                           |                            |                             |                             |                             |                        | 7,342       |
| MALAYSIA                          | Calls |                   |                           |                            |                             | 1                           | 9                           | 7                      | 17          |
|                                   | GT    |                   |                           |                            |                             | 18,342                      | 333,989                     | 372,155                | 724,486     |
| MALTA                             | Calls | 77                | 132                       | 170                        | 57                          | 98                          | 4                           | 1                      | 539         |
|                                   | GT    | 157,161           | 559,517                   | 1,208,806                  | 707,867                     | 1,816,319                   | 153,005                     | 51,714                 | 4,654,389   |
| MOROCCO                           | Calls | 5                 | 39                        | 53                         | 1                           | 5                           |                             |                        | 103         |
|                                   | GT    | 13,955            | 163,871                   | 367,520                    | 11,856                      | 94,494                      |                             |                        | 651,696     |
| MAURITIUS                         | Calls |                   |                           |                            |                             | 11                          |                             |                        | 11          |
|                                   | GT    |                   |                           |                            |                             | 237,963                     |                             |                        | 237,963     |
| MYANMAR                           | Calls |                   |                           |                            |                             | 1                           | 3                           |                        | 4           |
|                                   | GT    |                   |                           |                            |                             | 21,142                      | 117,273                     |                        | 138,415     |
| NORWAY                            | Calls | 36                | 9                         | 19                         | 1                           | 15                          | 14                          | 25                     | 119         |
|                                   | GT    | 99,504            | 40,212                    | 138,337                    | 14,627                      | 289,110                     | 566,354                     | 1,675,746              | 2,823,890   |
| NEW ZEALAND                       | Calls |                   |                           | 29                         |                             |                             |                             |                        | 29          |
|                                   | GT    |                   |                           | 230,695                    |                             |                             |                             |                        | 230,695     |
| NETHERLANDS                       | Calls | 31                | 21                        | 22                         |                             |                             | 45                          | 3                      | 122         |
|                                   | GT    | 72,731            | 85,251                    | 135,212                    |                             |                             | 1,888,187                   | 163,666                | 2,345,047   |
| PANAMA                            | Calls | 68                | 9                         | 108                        | 75                          | 143                         | 241                         | 27                     | 671         |
|                                   | GT    | 151,678           | 37,485                    | 924,843                    | 959,106                     | 3,023,184                   | 8,321,225                   | 1,487,870              | 14,905,391  |
| PAKISTAN                          | Calls |                   |                           |                            | 1                           |                             |                             |                        | 1           |
|                                   | GT    |                   |                           |                            | 12,395                      |                             |                             |                        | 12,395      |
| POLAND                            | Calls |                   |                           | 1                          | 1                           | 7                           | 1                           |                        | 10          |
|                                   | GT    |                   |                           | 9,117                      | 14,056                      | 140,693                     | 35,633                      |                        | 199,499     |
| PORTUGAL                          | Calls | 19                | 15                        | 10                         |                             |                             |                             |                        | 44          |
|                                   | GT    | 34,641            | 56,593                    | 60,210                     |                             |                             |                             |                        | 151,444     |
| UNITED KINGDOM                    | Calls | 24                | 110                       | 38                         | 8                           | 26                          | 14                          | 9                      | 229         |
|                                   | GT    | 61,904            | 419,655                   | 350,724                    | 87,845                      | 548,171                     | 453,283                     | 610,919                | 2,532,501   |
| ROMANIA                           | Calls | 3                 |                           | 5                          |                             |                             | 1                           |                        | 9           |
|                                   | GT    | 6,225             |                           | 29,868                     |                             |                             | 39,634                      |                        | 75,727      |
| RUSSIA                            | Calls | 38                | 6                         | 3                          | 1                           | 4                           |                             |                        | 52          |
|                                   | GT    | 81,135            | 25,800                    | 20,487                     | 10,949                      | 79,538                      |                             |                        | 217,909     |
| ST. VINCENT AND<br>THE GRENADINES | Calls | 38                | 11                        | 10                         | 1                           | 35                          | 8                           |                        | 103         |
|                                   | GT    | 71,623            | 44,492                    | 70,635                     | 12,602                      | 749,585                     | 258,178                     |                        | 1,207,115   |
| SINGAPORE                         | Calls |                   |                           |                            | 2                           | 4                           | 74                          | 1                      | 81          |
|                                   | GT    |                   |                           |                            | 28,376                      | 78,523                      | 3,325,266                   | 55,328                 | 3,487,493   |
| SYRIA                             | Calls |                   | 3                         |                            |                             |                             |                             |                        | 3           |
|                                   | GT    |                   | 11,365                    |                            |                             |                             |                             |                        | 11,365      |
| SWEDEN                            | Calls |                   |                           |                            |                             |                             |                             | 12                     | 12          |
|                                   | GT    |                   |                           |                            |                             |                             |                             | 625,310                | 625,310     |
| SWITZERLAND                       | Calls |                   | 6                         |                            |                             |                             |                             |                        | 6           |
|                                   | GT    |                   | 25,884                    |                            |                             |                             |                             |                        | 25,884      |
| TAIWAN (REPUBLIC<br>OF CHINA)     | Calls |                   |                           |                            |                             |                             | 49                          | 4                      | 53          |
|                                   | GT    |                   |                           |                            |                             |                             | 1,863,974                   | 233,559                | 2,097,533   |
| TUNISIA                           | Calls |                   |                           | 1                          |                             | 14                          |                             |                        | 15          |
|                                   | GT    |                   |                           | 8,205                      |                             | 250,698                     |                             |                        | 258,903     |
| TURKEY                            | Calls | 49                | 18                        | 97                         | 2                           | 4                           | 1                           |                        | 171         |
|                                   | GT    | 88,398            | 70,107                    | 733,394                    | 22,548                      | 66,582                      | 35,860                      |                        | 1,016,889   |
| TUVALU ISLAND                     | Calls | 10                |                           |                            |                             |                             |                             |                        | 10          |
|                                   | GT    | 27,800            |                           |                            |                             |                             |                             |                        | 27,800      |
| UKRAINE                           | Calls | 17                | 19                        | 2                          |                             | 6                           |                             |                        | 44          |
|                                   | GT    | 32,864            | 83,170                    | 15,324                     |                             | 100,055                     |                             |                        | 231,413     |
| URUGUAY                           | Calls |                   |                           | 67                         |                             |                             |                             |                        | 67          |
|                                   | GT    |                   |                           | 395,434                    |                             |                             |                             |                        | 395,434     |
| VANUATU                           | Calls |                   |                           |                            |                             | 1                           | 5                           | 5                      | 11          |
|                                   | GT    |                   |                           |                            |                             | 22,540                      | 235,402                     | 272,046                | 529,988     |
| TOTAL                             | Calls | 1,008             | 1,214                     | 2,190                      | 1,221                       | 902                         | 985                         | 192                    | 7,712       |
|                                   | GT    | 2,116,255         | 4,705,483                 | 15,235,560                 | 14,390,771                  | 17,472,696                  | 36,136,483                  | 11,656,258             | 101,713,506 |



#### 4.2.1.3. Distribution by type of vessel

| Type of vessel               |        | Spanish    | Foreign    | Totals      |
|------------------------------|--------|------------|------------|-------------|
| Tankers (General)            | Number | 60         | 576        | 636         |
|                              | GT     | 361,859    | 7,738,759  | 8,100,618   |
| Bulk carriers                | Number | 50         | 143        | 193         |
|                              | GT     | 321,227    | 2,871,236  | 3,192,463   |
| General cargo (Lo-Lo)        | Number | 308        | 1,038      | 1,346       |
|                              | GT     | 1,145,387  | 6,334,738  | 7,480,125   |
| Refrigerators                | Number |            | 68         | 68          |
|                              | GT     |            | 585,075    | 585,075     |
| Ro-Ro cargo                  | Number | 720        | 779        | 1,499       |
|                              | GT     | 4,212,688  | 9,602,501  | 13,815,189  |
| Passengers only              | Number |            | 448        | 448         |
|                              | GT     |            | 12,374,940 | 12,374,940  |
| Ro-Ro (Cargo and Passengers) | Number | 1,027      | 110        | 1,137       |
|                              | GT     | 9,830,477  | 1,894,905  | 11,725,382  |
| Container carriers           | Number | 169        | 1,544      | 1,713       |
|                              | GT     | 1,356,430  | 27,590,694 | 28,947,124  |
| Tankers                      | Number | 73         | 79         | 152         |
|                              | GT     | 859,419    | 1,772,694  | 2,632,113   |
| Car-carriers                 | Number | 28         | 492        | 520         |
|                              | GT     | 152,936    | 12,707,541 | 12,860,477  |
| TOTAL                        | Number | 2,435      | 5,277      | 7,712       |
|                              | GT     | 18,240,423 | 83,473,083 | 101,713,506 |

#### 4.2.2. Warships entering during the year

| Vessels                | Spanish | Foreign | Total   |
|------------------------|---------|---------|---------|
| Number                 | 11      | 34      | 45      |
| Displacement in tonnes | 61,144  | 205,609 | 266,753 |

#### 4.2.3. Fishing vessels

| Vessels                                   |        | Total | Deep sea | Coastal |
|---|--------|-------|----------|---------|
| Registered during the year to 31 December | Number | 2     | 0        | 2       |
|   | GT     | 63    | 0        | 63      |
| Based in the port                         | Number | 112   | 0        | 112     |
|   | GT     | 2,396 | 0        | 2,396   |

#### 4.2.4. Pleasure craft

| Vessels                                   |        | Total |
|---|--------|-------|
| Registered during the year to 31 December | Number | 791   |
|   | GT     | 3,955 |
| Based in the port                         | Number | 377   |
|   | GT     | 6,786 |

## 4.3. Cargo

### 4.3.1. Handled on service wharves and berths

#### 4.3.1.1. Discharged on service wharves and berths

| Cargo  | Total     |        | Domestic (T) | Foreign (T) |
|--|-----------|--------|--------------|-------------|
|  | Tonnes    | %      |              |             |
| Total unloaded                                   | 6,532,934 | 100.00 | 798,030      | 5,734,904   |
| <b>BULK LIQUIDS</b>                              |           |        |              |             |
| ANHYDRIC ACID                                    | 0         | 0.00   | 0            | 0           |
| SULPHURIC ACID                                   | 0         | 0.00   | 0            | 0           |
| POLYCARBOXYLIC ACIDS                             | 0         | 0.00   | 0            | 0           |
| ALQUILBENZENE                                    | 0         | 0.00   | 0            | 0           |
| NITRILE FUNCTION COMPOUNDS                       | 0         | 0.00   | 0            | 0           |
| FUEL-OIL   | 0         | 0.00   | 0            | 0           |
| NATURAL GAS                                      | 0         | 0.00   | 0            | 0           |
| GAS OIL  | 0         | 0.00   | 0            | 0           |
| GASOLINE   | 0         | 0.00   | 0            | 0           |
| BULK ANIMAL FATS                                 | 0         | 0.00   | 0            | 0           |
| ANIMAL OR VEGETABLE FATS AND OILS NOT EXPR.,BULK | 0         | 0.00   | 0            | 0           |
| LUBRICANTS                                       | 0         | 0.00   | 0            | 0           |
| MOLASSES   | 0         | 0.00   | 0            | 0           |
| METHANOL, PROPANOL, BUTANOL                      | 0         | 0.00   | 0            | 0           |
| COCONUT OIL (COPRA), PALMIST                     | 0         | 0.00   | 0            | 0           |
| SUNFLOWER, CARDAMOM OR COTTON OIL                | 0         | 0.00   | 0            | 0           |
| BULK PALM OIL                                    | 0         | 0.00   | 0            | 0           |
| BULK SOYA OIL                                    | 0         | 0.00   | 0            | 0           |
| AGGLUTINATING CHEMICAL PRODUCTS                  | 0         | 0.00   | 0            | 0           |
| HALOGENATED CHEMICAL PRODUCTS                    | 0         | 0.00   | 0            | 0           |
| CAUSTIC SODA                                     | 0         | 0.00   | 0            | 0           |
| XYLENE, TOLUENE, BENZENE, ...                    | 0         | 0.00   | 0            | 0           |
| OTHER BULK LIQUIDS                               | 0         | 0.00   | 0            | 0           |
| TOTAL  | 0         | 0.00   | 0            | 0           |
| <b>BULK SOLIDS FOR SPECIAL FACILITY</b>          |           |        |              |             |
| WHEAT  | 0         | 0.00   | 0            | 0           |
| MAIZE  | 0         | 0.00   | 0            | 0           |
| CARBONATE OF AMMONIUM, POTASSIUM, CALCIUM,...    | 0         | 0.00   | 0            | 0           |
| BULK CEMENT AND CLINKER                          | 0         | 0.00   | 0            | 0           |
| POTASSIUM CHLORIDE                               | 0         | 0.00   | 0            | 0           |
| SOYA BEAN  | 0         | 0.00   | 0            | 0           |
| OIL SEEDS  | 0         | 0.00   | 0            | 0           |
| DRY PULSES WITHOUT POD                           | 0         | 0.00   | 0            | 0           |
| IRON ORE, BURNT PYRITES                          | 0         | 0.00   | 0            | 0           |
| SUGAR BEET PULP                                  | 0         | 0.00   | 0            | 0           |
| PULPS, OILCAKES AND MEALS                        | 0         | 0.00   | 0            | 0           |
| OTHER BULKS,. PER FACILITY                       | 0         | 0.00   | 0            | 0           |
| TOTAL  | 0         | 0.00   | 0            | 0           |
| <b>BULK SOLIDS WITHOUT SPECIAL FACILITY</b>      |           |        |              |             |
| BULK FERTILISERS USING ANTIPOLLUTION MEANS       | 0         | 0.00   | 0            | 0           |
| NATURAL ANIMAL-BASED FERTILISERS                 | 9,400     | 0.14   | 0            | 9,400       |
| CLAYS  | 18,031    | 0.28   | 0            | 18,031      |
| CHINA CLAY AND OTHER KAOLINIC CLAYS              | 14,857    | 0.23   | 0            | 14,857      |
| MINERAL SOFT COAL                                | 86,717    | 1.33   | 0            | 86,717      |
| PETROLIUM COKE                                   | 131,352   | 2.01   | 0            | 131,352     |
| SOYA FLOUR                                       | 0         | 0.00   | 0            | 0           |
| SCRAP IRON                                       | 78,974    | 1.21   | 0            | 78,974      |
| IRON ORE   | 17,240    | 0.26   | 0            | 17,240      |
| ALUMINIUM ORES. BAUXITE                          | 11,153    | 0.17   | 0            | 11,153      |
| PERLITE, VERMICULITE, SEPIOLITE                  | 35,674    | 0.55   | 0            | 35,674      |
| PEAS   | 95,513    | 1.46   | 0            | 95,513      |
| COMMON SALT                                      | 18,023    | 0.28   | 18,023       | 0           |
| GROUND GLASS                                     | 46,952    | 0.72   | 0            | 46,952      |
| OTHERS   | 25,978    | 0.40   | 2,404        | 23,574      |
| TOTAL  | 589,864   | 9.03   | 20,427       | 569,437     |
| <b>GENERAL CARGO</b>                             |           |        |              |             |
| GENERAL CARGO                                    | 0         |        |              |             |
| LAMINATED STEEL                                  | 495,290   | 7.58   | 0            | 495,290     |

| Cargo  | Total     |        | Domestic (T) | Foreign (T) |
|--|-----------|--------|--------------|-------------|
|  | Tonnes    | %      |              |             |
| Total unloaded                                 | 6,532,934 | 100.00 | 798,030      | 5,734,904   |
| ORANGE BLOSSOM WATERS                          | 6,915     | 0.11   | 6,378        | 537         |
| MINERAL WATERS                                 | 23,550    | 0.36   | 147          | 23,403      |
| OTHER FURNITURE AND THEIR PARTS                | 21,326    | 0.33   | 1,127        | 20,199      |
| EMPTY BOTTLES AND GLASS RECIPIENTS             | 25,072    | 0.38   | 13,135       | 11,937      |
| COFFEE   | 214,641   | 3.29   | 6            | 214,635     |
| CARDBOARD AND PAPER                            | 45,325    | 0.69   | 60           | 45,266      |
| NATURAL UNWORKED RUBBER                        | 42,028    | 0.64   | 2            | 42,027      |
| MALT BEER, BOTTLED                             | 28,971    | 0.44   | 172          | 28,799      |
| RAW COTTON                                     | 56,365    | 0.86   |              | 56,365      |
| NEW CARS                                       | 250,677   | 3.84   | 15,462       | 235,214     |
| DETERGENTS                                     | 4,115     | 0.06   | 318          | 3,796       |
| PERSONAL BELONGINGS                            | 17,162    | 0.26   | 7,078        | 10,084      |
| FISH MEAL                                      | 7,334     | 0.11   | 591          | 6,742       |
| SCRAP IRON OR STEEL                            | 46,694    | 0.71   | 45,550       | 1,144       |
| DISCONTINUOUS SYNTHETIC FIBRES                 | 9,049     | 0.14   |              | 9,049       |
| CUT WOOD (NOT CONIFERS)                        | 61,118    | 0.94   | 72           | 61,047      |
| PROPYLENE GRANSES                              | 8,331     | 0.13   |              | 8,331       |
| PULSES AND DRIED VEGETABLES                    | 33,825    | 0.52   | 0            | 33,825      |
| BOOKS AND PRINTED MATERIAL                     | 4,240     | 0.06   | 222          | 4,019       |
| PLASTIC MANUFACTURED GOODS                     | 48,593    | 0.74   | 603          | 47,990      |
| MARBLE   | 32,722    | 0.50   | 16           | 32,705      |
| ANIMAL FOODS (CONSERVES)                       | 7,547     | 0.12   | 40           | 7,507       |
| OLIVE OIL, BOTTLED                             | 18,650    | 0.29   | 58           | 18,591      |
| OLIVES, PROCESSES VEGETABLES, UNFROZEN         | 22,717    | 0.35   | 55           | 22,663      |
| KRAFT PAPER AND CARDBOARD                      | 35,779    | 0.55   | 0            | 35,779      |
| STUCCOED PAPERS AND CARDBOARDS                 | 6,851     | 0.10   | 0            | 6,851       |
| WASTE PAPER                                    | 45,965    | 0.70   | 11,408       | 34,557      |
| VEHICLE PARTS AND ACCESSORIES                  | 52,368    | 0.80   | 67           | 52,301      |
| PASTA FOR SOUP                                 | 49,756    | 0.76   | 278          | 21,846      |
| FROZEN FISH                                    | 49,756    | 0.76   | 3,291        | 46,465      |
| BANANAS  | 78,435    | 1.20   | 51,410       | 27,026      |
| STYRENE POLYMERS                               | 25,173    | 0.39   | 0            | 25,173      |
| ETHYLENE POLYMERS                              | 60,478    | 0.93   | 0            | 60,478      |
| PREPARED FOODS                                 | 16,753    | 0.26   | 2,502        | 14,251      |
| DIATONIC CHEMICAL PRODUCTS                     | 34,629    | 0.53   | 0            | 34,629      |
| INORGANIC CHEMICAL PRODUCTS                    | 40,118    | 0.61   | 0            | 40,118      |
| ORGANIC-INORGANIC CHEMICAL PRODUCTS            | 44,431    | 0.68   | 0            | 44,431      |
| CHEMICAL PRODUCTS - AGGLUTINATING PREPARATIONS | 18,289    | 0.28   | 20           | 18,268      |
| TILES  | 77,254    | 1.18   | 126          | 77,127      |
| RESINS   | 28,823    | 0.44   | 0            | 28,823      |
| COMMON SOAP                                    | 1,981     | 0.03   | 325          | 1,656       |
| BOTTLED GRAPE WINE                             | 20,789    | 0.32   | 374          | 20,415      |
| CAST GLASS                                     | 26,305    | 0.40   | 37           | 26,268      |
| MISCELLANEOUS GOODS                            | 3,724,513 | 57.01  | 616,672      | 3,107,841   |
| TOTAL  | 5,943,070 | 90.97  | 777,603      | 5,165,468   |

### 4.3.1.2. Loaded on service wharves and berths

| Cargo  | Total            |               | Domestic (T)     | Foreign (T)      |
|--|------------------|---------------|------------------|------------------|
|  | Tonnes           | %             |                  |                  |
| <b>Total loaded</b>                              | <b>7,272,220</b> | <b>100.00</b> | <b>2,382,711</b> | <b>4,889,509</b> |
| <b>BULK LIQUIDS</b>                              |                  |               |                  |                  |
| ANHYDRIC ACID                                    | 0                | 0.00          | 0                | 0                |
| SULPHURIC ACID                                   | 0                | 0.00          | 0                | 0                |
| POLYCARBOXYLIC ACIDS                             | 0                | 0.00          | 0                | 0                |
| ALQUILBENZENE                                    | 0                | 0.00          | 0                | 0                |
| NITRILE FUNCTION COMPOUNDS                       | 0                | 0.00          | 0                | 0                |
| FUEL-OIL   | 0                | 0.00          | 0                | 0                |
| NATURAL GAS                                      | 0                | 0.00          | 0                | 0                |
| GAS OIL  | 0                | 0.00          | 0                | 0                |
| GASOLINE   | 0                | 0.00          | 0                | 0                |
| BULK ANIMAL FATS                                 | 0                | 0.00          | 0                | 0                |
| ANIMAL OR VEGETABLE FATS AND OILS NOT EXPR.,BULK | 0                | 0.00          | 0                | 0                |
| LUBRICANTS                                       | 0                | 0.00          | 0                | 0                |
| MOLASSES   | 0                | 0.00          | 0                | 0                |
| METHANOL, PROPANOL, BUTANOL                      | 0                | 0.00          | 0                | 0                |
| COCONUT OIL (COPRA), PALMIST                     | 0                | 0.00          | 0                | 0                |
| SUNFLOWER, CARDAMOM OR COTTON OIL                | 0                | 0.00          | 0                | 0                |
| BULK PALM OIL                                    | 0                | 0.00          | 0                | 0                |
| BULK SOYA OIL                                    | 0                | 0.00          | 0                | 0                |
| AGGLUTINATING CHEMICAL PRODUCTS                  | 0                | 0.00          | 0                | 0                |
| HALOGENATED CHEMICAL PRODUCTS                    | 0                | 0.00          | 0                | 0                |
| CAUSTIC SODA                                     | 0                | 0.00          | 0                | 0                |
| XYLENE, TOLUENE, BENZENE, ...                    | 0                | 0.00          | 0                | 0                |
| OTHER BULK LIQUIDS                               | 0                | 0.00          | 0                | 0                |
| <b>TOTAL</b>                                     | <b>0</b>         | <b>0.00</b>   | <b>0</b>         | <b>0</b>         |
| <b>BULK SOLIDS FOR SPECIAL FACILITY</b>          |                  |               |                  |                  |
| WHEAT  | 0                | 0.00          | 0                | 0                |
| MAIZE  | 0                | 0.00          | 0                | 0                |
| CARBONATE OF AMMONIUM, POTASSIUM, CALCIUM,...    | 0                | 0.00          | 0                | 0                |
| BULK CEMENT AND CLINKER                          | 0                | 0.00          | 0                | 0                |
| POTASSIUM CHLORIDE                               | 0                | 0.00          | 0                | 0                |
| SOYA BEAN  | 0                | 0.00          | 0                | 0                |
| OIL SEEDS  | 0                | 0.00          | 0                | 0                |
| DRY PULSES WITHOUT POD                           | 0                | 0.00          | 0                | 0                |
| IRON ORE, BURNT PYRITES                          | 0                | 0.00          | 0                | 0                |
| SUGAR BEET PULP                                  | 0                | 0.00          | 0                | 0                |
| PULPS, OILCAKES AND MEALS                        | 0                | 0.00          | 0                | 0                |
| OTHER BULKS., PER FACILITY                       | 0                | 0.00          | 0                | 0                |
| <b>TOTAL</b>                                     | <b>0</b>         | <b>0.00</b>   | <b>0</b>         | <b>0</b>         |
| <b>BULK SOLIDS WITHOUT SPECIAL FACILITY</b>      |                  |               |                  |                  |
| BULK FERTILISERS USING ANTIPOLLUTION MEANS       | 114,112          | 1.57          | 0                | 114,112          |
| NATURAL ANIMAL-BASED FERTILISERS                 | 0                | 0.00          | 0                | 0                |
| CLAYS  | 0                | 0.00          | 0                | 0                |
| CHINA CLAY AND OTHER KAOLINIC CLAYS              | 0                | 0.00          | 0                | 0                |
| MINERAL SOFT COAL                                | 0                | 0.00          | 0                | 0                |
| PETROLIUM COKE                                   | 0                | 0.00          | 0                | 0                |
| SOYA FLOUR                                       | 12,919           | 0.18          | 0                | 12,919           |
| SCRAP IRON                                       | 0                | 0.00          | 0                | 0                |
| IRON ORE   | 0                | 0.00          | 0                | 0                |
| ALUMINIUM ORES. BAUXITE                          | 0                | 0.00          | 0                | 0                |
| PERLITE, VERMICULITE, SEPIOLITE                  | 0                | 0.00          | 0                | 0                |
| PEAS   | 0                | 0.00          | 0                | 0                |
| COMMON SALT                                      | 6,670            | 0.09          | 3,500            | 3,170            |
| GROUND GLASS                                     | 0                | 0.00          | 0                | 0                |
| OTHERS   | 1,501            | 0.02          | 0                | 1,501            |
| <b>TOTAL</b>                                     | <b>135,202</b>   | <b>1.86</b>   | <b>3,500</b>     | <b>131,702</b>   |
| <b>GENERAL CARGO</b>                             |                  |               |                  |                  |
| LAMINATED STEEL                                  | 3,244            | 0.04          | 1                | 3,243            |
| ORANGE BLOSSOM WATERS                            | 50,496           | 0.69          | 45,056           | 5,440            |
| MINERAL WATERS                                   | 82,229           | 1.13          | 57,488           | 24,741           |
| OTHER FURNITURE AND THEIR PARTS                  | 43,412           | 0.60          | 24,404           | 19,008           |
| EMPTY BOTTLES AND GLASS RECIPIENTS               | 24,252           | 0.33          | 3,975            | 20,276           |
| COFFEE   | 65,495           | 0.90          | 2,494            | 63,001           |
| CARDBOARD AND PAPER                              | 52,054           | 0.72          | 6,561            | 45,492           |

| Cargo  | Total     |        | Domestic (T) | Foreign (T) |
|--|-----------|--------|--------------|-------------|
|  | Tonnes    | %      |              |             |
| Total loaded                                   | 7,272,220 | 100.00 | 2,382,711    | 4,889,509   |
| NATURAL UNWORKED RUBBER                        | 3,766     | 0.05   | 51           | 3,715       |
| MALT BEER, BOTTLED                             | 69,103    | 0.95   | 62,914       | 6,189       |
| RAW COTTON                                     | 8,899     | 0.12   | 14           | 8,885       |
| NEW CARS                                       | 439,801   | 6.05   | 79,173       | 360,629     |
| DETERGENTS                                     | 109,995   | 1.51   | 28,256       | 81,739      |
| PERSONAL BELONGINGS                            | 219,116   | 3.01   | 174,072      | 45,043      |
| FISH MEAL                                      | 46,789    | 0.64   | 19,129       | 27,660      |
| SCRAP IRON OR STEEL                            | 1,528     | 0.02   | 12           | 1,516       |
| DISCONTINUOUS SYNTHETIC FIBRES                 | 37,371    | 0.51   | 14           | 37,357      |
| CUT WOOD (NOT CONIFERS)                        | 2,528     | 0.03   | 808          | 1,720       |
| PROPYLENE GRANSES                              | 75,756    | 1.04   | 78           | 75,678      |
| PULSES AND DRIED VEGETABLES                    | 29,680    | 0.41   | 10           | 29,670      |
| BOOKS AND PRINTED MATERIAL                     | 44,945    | 0.62   | 2,865        | 42,080      |
| PLASTIC MANUFACTURED GOODS                     | 29,748    | 0.41   | 7,324        | 22,424      |
| MARBLE   | 39,941    | 0.55   | 2,243        | 37,698      |
| ANIMAL FOODS (CONSERVES)                       | 36,222    | 0.50   | 14,143       | 22,078      |
| OLIVE OIL, BOTTLED                             | 45,002    | 0.62   | 754          | 44,248      |
| OLIVES, PROCESSES VEGETABLES, UNFROZEN         | 38,920    | 0.54   | 2,605        | 36,315      |
| KRAFT PAPER AND CARDBOARD                      | 18,174    | 0.25   | 517          | 17,657      |
| STUCCOED PAPERS AND CARDBOARDS                 | 126,609   | 1.74   | 5,367        | 121,242     |
| WASTE PAPER                                    | 30,783    | 0.42   | 5,685        | 25,099      |
| VEHICLE PARTS AND ACCESSORIES                  | 113,358   | 1.56   | 4,516        | 108,842     |
| PASTA FOR SOUP                                 | 55,556    | 0.76   | 31,379       | 24,177      |
| FROZEN FISH                                    | 17,223    | 0.24   | 2,360        | 14,862      |
| BANANAS  | 408       | 0.01   | 408          | 0           |
| STYRENE POLYMERS                               | 21,374    | 0.29   | 468          | 20,906      |
| ETHYLENE POLYMERS                              | 106,548   | 1.47   | 2,401        | 104,147     |
| PREPARED FOODS                                 | 136,441   | 1.88   | 123,733      | 12,708      |
| DIATONIC CHEMICAL PRODUCTS                     | 6,011     | 0.08   | 17           | 5,993       |
| INORGANIC CHEMICAL PRODUCTS                    | 30,843    | 0.42   |              | 30,843      |
| ORGANIC-INORGANIC CHEMICAL PRODUCTS            | 6,096     | 0.08   | 191          | 5,905       |
| CHEMICAL PRODUCTS - AGGLUTINATING PREPARATIONS | 53,312    | 0.73   | 4,172        | 49,140      |
| TILES  | 186,362   | 2.56   | 34,303       | 152,059     |
| RESINS   | 20,121    | 0.28   | 138          | 19,983      |
| COMMON SOAP                                    | 82,802    | 1.14   | 63,861       | 18,941      |
| BOTTLED GRAPE WINE                             | 133,921   | 1.84   | 40,520       | 93,401      |
| CAST GLASS                                     | 10,830    | 0.15   | 9,795        | 1,035       |
| MISCELLANEOUS GOODS                            | 4,379,956 | 60.23  | 1,514,933    | 2,865,023   |
| TOTAL  | 7,137,018 | 98.14  | 2,379,211    | 4,757,808   |

### 4.3.1.3. Total discharged and loaded on service wharves and berths

| Cargo  | Total             |               | Domestic (T)     | Foreign (T)       |
|--|-------------------|---------------|------------------|-------------------|
|  | Tonnes            | %             |                  |                   |
| <b>Total discharged and loaded</b>               | <b>13,805,154</b> | <b>100.00</b> | <b>3,180,740</b> | <b>10,624,414</b> |
| <b>BULK LIQUIDS</b>                              |                   |               |                  |                   |
| ANHYDRIC ACID                                    | 0                 | 0.00          | 0                | 0                 |
| SULPHURIC ACID                                   | 0                 | 0.00          | 0                | 0                 |
| POLYCARBOXYLIC ACIDS                             | 0                 | 0.00          | 0                | 0                 |
| ALQUILBENZENE                                    | 0                 | 0.00          | 0                | 0                 |
| NITRILE FUNCTION COMPOUNDS                       | 0                 | 0.00          | 0                | 0                 |
| FUEL-OIL   | 0                 | 0.00          | 0                | 0                 |
| NATURAL GAS                                      | 0                 | 0.00          | 0                | 0                 |
| GAS OIL  | 0                 | 0.00          | 0                | 0                 |
| GASOLINE   | 0                 | 0.00          | 0                | 0                 |
| BULK ANIMAL FATS                                 | 0                 | 0.00          | 0                | 0                 |
| ANIMAL OR VEGETABLE FATS AND OILS NOT EXPR.,BULK | 0                 | 0.00          | 0                | 0                 |
| LUBRICANTS                                       | 0                 | 0.00          | 0                | 0                 |
| MOLASSES   | 0                 | 0.00          | 0                | 0                 |
| METHANOL, PROPANOL, BUTANOL                      | 0                 | 0.00          | 0                | 0                 |
| COCONUT OIL (COPRA), PALMIST                     | 0                 | 0.00          | 0                | 0                 |
| SUNFLOWER, CARDAMOM OR COTTON OIL                | 0                 | 0.00          | 0                | 0                 |
| BULK PALM OIL                                    | 0                 | 0.00          | 0                | 0                 |
| BULK SOYA OIL                                    | 0                 | 0.00          | 0                | 0                 |
| AGGLUTINATING CHEMICAL PRODUCTS                  | 0                 | 0.00          | 0                | 0                 |
| HALOGENATED CHEMICAL PRODUCTS                    | 0                 | 0.00          | 0                | 0                 |
| CAUSTIC SODA                                     | 0                 | 0.00          | 0                | 0                 |
| XYLENE, TOLUENE, BENZENE, ...                    | 0                 | 0.00          | 0                | 0                 |
| OTHER BULK LIQUIDS                               | 0                 | 0.00          | 0                | 0                 |
| <b>TOTAL</b>                                     | <b>0</b>          | <b>0.00</b>   | <b>0</b>         | <b>0</b>          |
| <b>BULK SOLIDS FOR SPECIAL FACILITY</b>          |                   |               |                  |                   |
| WHEAT  | 0                 | 0.00          | 0                | 0                 |
| MAIZE  | 0                 | 0.00          | 0                | 0                 |
| CARBONATE OF AMMONIUM, POTASSIUM, CALCIUM,...    | 0                 | 0.00          | 0                | 0                 |
| BULK CEMENT AND CLINKER                          | 0                 | 0.00          | 0                | 0                 |
| POTASSIUM CHLORIDE                               | 0                 | 0.00          | 0                | 0                 |
| SOYA BEAN  | 0                 | 0.00          | 0                | 0                 |
| OIL SEEDS  | 0                 | 0.00          | 0                | 0                 |
| DRY PULSES WITHOUT POD                           | 0                 | 0.00          | 0                | 0                 |
| IRON ORE, BURNT PYRITES                          | 0                 | 0.00          | 0                | 0                 |
| SUGAR BEET PULP                                  | 0                 | 0.00          | 0                | 0                 |
| PULPS, OILCAKES AND MEALS                        | 0                 | 0.00          | 0                | 0                 |
| OTHER BULKS., PER FACILITY                       | 0                 | 0.00          | 0                | 0                 |
| <b>TOTAL</b>                                     | <b>0</b>          | <b>0.00</b>   | <b>0</b>         | <b>0</b>          |
| <b>BULK SOLIDS WITHOUT SPECIAL FACILITY</b>      |                   |               |                  |                   |
| BULK FERTILISERS USING ANTIPOLLUTION MEANS       | 114,112           | 0.83          | 0                | 114,112           |
| NATURAL ANIMAL-BASED FERTILISERS                 | 9,400             | 0.07          | 0                | 9,400             |
| CLAYS  | 18,031            | 0.13          | 0                | 18,031            |
| CHINA CLAY AND OTHER KAOLINIC CLAYS              | 14,857            | 0.11          | 0                | 14,857            |
| MINERAL SOFT COAL                                | 86,717            | 0.63          | 0                | 86,717            |
| PETROLIUM COKE                                   | 131,352           | 0.95          | 0                | 131,352           |
| SOYA FLOUR                                       | 12,919            | 0.09          | 0                | 12,919            |
| SCRAP IRON                                       | 78,974            | 0.57          | 0                | 78,974            |
| IRON ORE   | 17,240            | 0.12          | 0                | 17,240            |
| ALUMINIUM ORES. BAUXITE                          | 11,153            | 0.08          | 0                | 11,153            |
| PERLITE, VERMICULITE, SEPIOLITE                  | 35,674            | 0.26          | 0                | 35,674            |
| PEAS   | 95,513            | 0.69          | 0                | 95,513            |
| COMMON SALT                                      | 24,693            | 0.18          | 21,523           | 3,170             |
| GROUND GLASS                                     | 46,952            | 0.34          | 0                | 46,952            |
| OTHERS   | 27,479            | 0.20          | 2,404            | 25,075            |
| <b>TOTAL</b>                                     | <b>725,065</b>    | <b>5.25</b>   | <b>23,927</b>    | <b>701,138</b>    |
| <b>GENERAL CARGO</b>                             |                   |               |                  |                   |
| LAMINATED STEEL                                  | 498,534           | 3.61          | 1                | 498,533           |
| ORANGE BLOSSOM WATERS                            | 57,411            | 0.42          | 51,434           | 5,977             |
| MINERAL WATERS                                   | 105,779           | 0.77          | 57,635           | 48,144            |
| OTHER FURNITURE AND THEIR PARTS                  | 64,738            | 0.47          | 25,531           | 39,208            |
| EMPTY BOTTLES AND GLASS RECIPIENTS               | 49,324            | 0.36          | 17,111           | 32,213            |
| COFFEE   | 280,136           | 2.03          | 2,500            | 277,636           |
| CARDBOARD AND PAPER                              | 97,379            | 0.71          | 6,621            | 90,758            |

| Cargo  | Total      |        | Domestic (T) | Foreign (T) |
|--|------------|--------|--------------|-------------|
|  | Tonnes     | %      |              |             |
| Total discharged and loaded                    | 13,805,154 | 100.00 | 3,180,740    | 10,624,414  |
| NATURAL UNWORKED RUBBER                        | 45,794     | 0.33   | 53           | 45,741      |
| MALT BEER, BOTTLED                             | 98,074     | 0.71   | 63,086       | 34,988      |
| RAW COTTON                                     | 65,264     | 0.47   | 14           | 65,249      |
| NEW CARS                                       | 690,478    | 5.00   | 94,635       | 595,843     |
| DETERGENTS                                     | 114,110    | 0.83   | 28,574       | 85,536      |
| PERSONAL BELONGINGS                            | 236,278    | 1.71   | 181,150      | 55,128      |
| FISH MEAL                                      | 54,123     | 0.39   | 19,720       | 34,402      |
| SCRAP IRON OR STEEL                            | 48,222     | 0.35   | 45,562       | 2,660       |
| DISCONTINUOUS SYNTHETIC FIBRES                 | 46,421     | 0.34   | 14           | 46,407      |
| CUT WOOD (NOT CONIFERS)                        | 63,647     | 0.46   | 880          | 62,767      |
| PROPYLENE GRANSES                              | 84,087     | 0.61   | 78           | 84,009      |
| PULSES AND DRIED VEGETABLES                    | 63,505     | 0.46   | 10           | 63,495      |
| BOOKS AND PRINTED MATERIAL                     | 49,186     | 0.36   | 3,087        | 46,099      |
| PLASTIC MANUFACTURED GOODS                     | 78,341     | 0.57   | 7,928        | 70,413      |
| MARBLE   | 72,662     | 0.53   | 2,259        | 70,403      |
| ANIMAL FOODS (CONSERVES)                       | 43,769     | 0.32   | 14,184       | 29,586      |
| OLIVE OIL, BOTTLED                             | 63,652     | 0.46   | 812          | 62,839      |
| OLIVES, PROCESSES VEGETABLES, UNFROZEN         | 61,638     | 0.45   | 2,660        | 58,978      |
| KRAFT PAPER AND CARDBOARD                      | 53,953     | 0.39   | 517          | 53,436      |
| STUCCOED PAPERS AND CARDBOARDS                 | 133,460    | 0.97   | 5,367        | 128,093     |
| WASTE PAPER                                    | 76,748     | 0.56   | 17,093       | 59,655      |
| VEHICLE PARTS AND ACCESSORIES                  | 165,726    | 1.20   | 4,583        | 161,143     |
| PASTA FOR SOUP                                 | 77,680     | 0.56   | 31,658       | 46,022      |
| FROZEN FISH                                    | 66,978     | 0.49   | 5,651        | 61,327      |
| BANANAS  | 78,843     | 0.57   | 51,817       | 27,026      |
| STYRENE POLYMERS                               | 46,547     | 0.34   | 468          | 46,079      |
| ETHYLENE POLYMERS                              | 167,026    | 1.21   | 2,402        | 164,625     |
| PREPARED FOODS                                 | 153,193    | 1.11   | 126,234      | 26,959      |
| DIATONIC CHEMICAL PRODUCTS                     | 40,640     | 0.29   | 17           | 40,622      |
| INORGANIC CHEMICAL PRODUCTS                    | 70,961     | 0.51   | 0            | 70,961      |
| ORGANIC-INORGANIC CHEMICAL PRODUCTS            | 50,527     | 0.37   | 191          | 50,336      |
| CHEMICAL PRODUCTS - AGGLUTINATING PREPARATIONS | 71,600     | 0.52   | 4,192        | 67,409      |
| TILES  | 263,616    | 1.91   | 34,429       | 229,187     |
| RESINS   | 48,944     | 0.35   | 138          | 48,805      |
| COMMON SOAP                                    | 84,783     | 0.61   | 64,186       | 20,597      |
| BOTTLED GRAPE WINE                             | 154,710    | 1.12   | 40,894       | 113,816     |
| CAST GLASS                                     | 37,135     | 0.27   | 9,832        | 27,303      |
| MISCELLANEOUS GOODS                            | 8,104,469  | 58.71  | 2,131,605    | 5,972,864   |
| TOTAL  | 13,080,089 | 94.75  | 3,156,813    | 9,923,276   |

## 4.3.2. Handled on private wharves and berths

### 4.3.2.1. Discharged on private wharves and berths

| Cargo  | Total            |               | Domestic (T)     | Foreign (T)      |
|--|------------------|---------------|------------------|------------------|
|  | Tonnes           | %             |                  |                  |
| <b>Total discharged</b>                          | <b>9,119,247</b> | <b>100.00</b> | <b>1,222,020</b> | <b>7,897,227</b> |
| <b>BULK LIQUIDS</b>                              |                  |               |                  |                  |
| ANHYDRIC ACID                                    | 27,445           | 0.30          | 0                | 27,445           |
| SULPHURIC ACID                                   | 81,394           | 0.89          | 41,451           | 39,942           |
| POLYCARBOXYLIC ACIDS                             | 24,423           | 0.27          | 0                | 24,423           |
| ALQUILBENZENE                                    | 27,322           | 0.30          | 24,249           | 3,072            |
| NITRILE FUNCTION COMPOUNDS                       | 34,800           | 0.38          | 0                | 34,800           |
| FUEL-OIL   | 314,743          | 3.45          | 314,443          | 300              |
| NATURAL GAS                                      | 3,328,560        | 36.50         | 87,461           | 3,241,099        |
| GAS OIL  | 1,594,505        | 17.49         | 272,638          | 1,321,867        |
| GASOLINE   | 716,839          | 7.86          | 348,476          | 368,363          |
| BULK ANIMAL FATS                                 | 32,343           | 0.35          | 0                | 32,343           |
| ANIMAL OR VEGETABLE FATS AND OILS NOT EXPR.,BULK | 25,013           | 0.27          | 0                | 25,013           |
| LUBRICANTS                                       | 35,913           | 0.39          | 0                | 35,913           |
| MOLASSES   | 74,895           | 0.82          | 0                | 74,895           |
| METHANOL, PROPANOL, BUTANOL                      | 124,017          | 1.36          | 2,575            | 121,442          |
| COCONUT OIL (COPRA), PALMIST                     | 81,749           | 0.90          | 0                | 81,749           |
| SUNFLOWER, CARDAMOM OR COTTON OIL                | 0                | 0.00          | 0                | 0                |
| BULK PALM OIL                                    | 103,737          | 1.14          | 0                | 103,737          |
| BULK SOYA OIL                                    | 0                | 0.00          | 0                | 0                |
| AGGLUTINATING CHEMICAL PRODUCTS                  | 26,155           | 0.29          | 0                | 26,155           |
| HALOGENATED CHEMICAL PRODUCTS                    | 29,316           | 0.32          | 0                | 29,316           |
| CAUSTIC SODA                                     | 64,711           | 0.71          | 0                | 64,711           |
| XYLENE, TOLUENE, BENZENE, ...                    | 116,241          | 1.27          | 44,093           | 72,148           |
| OTHER BULK LIQUIDS                               | 81,631           | 0.90          | 1,650            | 79,981           |
| <b>TOTAL</b>                                     | <b>6,945,750</b> | <b>76.17</b>  | <b>1,137,036</b> | <b>5,808,714</b> |
| <b>BULK SOLIDS FOR SPECIAL FACILITY</b>          |                  |               |                  |                  |
| WHEAT  | 182,985          | 2.01          | 0                | 182,985          |
| MAIZE  | 54,000           | 0.59          | 0                | 54,000           |
| CARBONATE OF AMMONIUM, POTASSIUM, CALCIUM,...    | 23,745           | 0.26          | 0                | 23,745           |
| BULK CEMENT AND CLINKER                          | 292,138          | 3.20          | 73,353           | 218,785          |
| POTASSIUM CHLORIDE                               | 15,838           | 0.17          | 0                | 15,838           |
| SOYA BEAN  | 1,560,201        | 17.11         | 0                | 1,560,201        |
| OIL SEEDS  | 4,533            | 0.05          | 0                | 4,533            |
| DRY PULSES WITHOUT POD                           | 26,116           | 0.29          | 0                | 26,116           |
| IRON ORE, BURNT PYRITES                          | 11,631           | 0.13          | 11,631           | 0                |
| SUGAR BEET PULP                                  | 2,312            | 0.03          | 0                | 2,312            |
| PULPS, OILCAKES AND MEALS                        | 0                | 0.00          | 0                | 0                |
| OTHER BULKS., PER FACILITY                       | 0                | 0.00          | 0                | 0                |
| <b>TOTAL</b>                                     | <b>2,173,497</b> | <b>23.83</b>  | <b>84,984</b>    | <b>2,088,513</b> |
| <b>BULK SOLIDS WITHOUT SPECIAL FACILITY</b>      |                  |               |                  |                  |
| BULK FERTILISERS USING ANTI POLLUTION MEANS      | 0                | 0.00          | 0                | 0                |
| NATURAL ANIMAL-BASED FERTILISERS                 | 0                | 0.00          | 0                | 0                |
| CLAYS  | 0                | 0.00          | 0                | 0                |
| CHINA CLAY AND OTHER KAOLINIC CLAYS              | 0                | 0.00          | 0                | 0                |
| MINERAL SOFT COAL                                | 0                | 0.00          | 0                | 0                |
| PETROLIUM COKE                                   | 0                | 0.00          | 0                | 0                |
| SOYA FLOUR                                       | 0                | 0.00          | 0                | 0                |
| SCRAP IRON                                       | 0                | 0.00          | 0                | 0                |
| IRON ORE   | 0                | 0.00          | 0                | 0                |
| ALUMINIUM ORES. BAUXITE                          | 0                | 0.00          | 0                | 0                |
| PERLITE, VERMICULITE, SEPIOLITE                  | 0                | 0.00          | 0                | 0                |
| PEAS   | 0                | 0.00          | 0                | 0                |
| COMMON SALT                                      | 0                | 0.00          | 0                | 0                |
| GROUND GLASS                                     | 0                | 0.00          | 0                | 0                |
| OTHERS   | 0                | 0.00          | 0                | 0                |
| <b>TOTAL</b>                                     | <b>0</b>         | <b>0.00</b>   | <b>0</b>         | <b>0</b>         |
| <b>GENERAL CARGO</b>                             |                  |               |                  |                  |
| LAMINATED STEEL                                  | 0                | 0.00          | 0                | 0                |
| ORANGE BLOSSOM WATERS                            | 0                | 0.00          | 0                | 0                |
| MINERAL WATERS                                   | 0                | 0.00          | 0                | 0                |
| OTHER FURNITURE AND THEIR PARTS                  | 0                | 0.00          | 0                | 0                |



| Cargo  | Total     |        | Domestic (T) | Foreign (T) |
|--|-----------|--------|--------------|-------------|
|  | Tonnes    | %      |              |             |
| Total discharged                               | 9,119,247 | 100.00 | 1,222,020    | 7,897,227   |
| EMPTY BOTTLES AND GLASS RECIPIENTS             | 0         | 0.00   | 0            | 0           |
| COFFEE   | 0         | 0.00   | 0            | 0           |
| CARDBOARD AND PAPER                            | 0         | 0.00   | 0            | 0           |
| NATURAL UNWORKED RUBBER                        | 0         | 0.00   | 0            | 0           |
| MALT BEER, BOTTLED                             | 0         | 0.00   | 0            | 0           |
| RAW COTTON                                     | 0         | 0.00   | 0            | 0           |
| NEW CARS                                       | 0         | 0.00   | 0            | 0           |
| DETERGENTS                                     | 0         | 0.00   | 0            | 0           |
| PERSONAL BELONGINGS                            | 0         | 0.00   | 0            | 0           |
| FISH MEAL                                      | 0         | 0.00   | 0            | 0           |
| SCRAP IRON OR STEEL                            | 0         | 0.00   | 0            | 0           |
| DISCONTINUOUS SYNTHETIC FIBRES                 | 0         | 0.00   | 0            | 0           |
| CUT WOOD (NOT CONIFERS)                        | 0         | 0.00   | 0            | 0           |
| PROPYLENE GRANSES                              | 0         | 0.00   | 0            | 0           |
| PULSES AND DRIED VEGETABLES                    | 0         | 0.00   | 0            | 0           |
| BOOKS AND PRINTED MATERIAL                     | 0         | 0.00   | 0            | 0           |
| PLASTIC MANUFACTURED GOODS                     | 0         | 0.00   | 0            | 0           |
| MARBLE   | 0         | 0.00   | 0            | 0           |
| ANIMAL FOODS (CONSERVES)                       | 0         | 0.00   | 0            | 0           |
| OLIVE OIL, BOTTLED                             | 0         | 0.00   | 0            | 0           |
| OLIVES, PROCESSES VEGETABLES, UNFROZEN         | 0         | 0.00   | 0            | 0           |
| KRAFT PAPER AND CARDBOARD                      | 0         | 0.00   | 0            | 0           |
| STUCCOED PAPERS AND CARDBOARDS                 | 0         | 0.00   | 0            | 0           |
| WASTE PAPER                                    | 0         | 0.00   | 0            | 0           |
| VEHICLE PARTS AND ACCESSORIES                  | 0         | 0.00   | 0            | 0           |
| PASTA FOR SOUP                                 | 0         | 0.00   | 0            | 0           |
| FROZEN FISH                                    | 0         | 0.00   | 0            | 0           |
| BANANAS  | 0         | 0.00   | 0            | 0           |
| STYRENE POLYMERS                               | 0         | 0.00   | 0            | 0           |
| ETHYLENE POLYMERS                              | 0         | 0.00   | 0            | 0           |
| PREPARED FOODS                                 | 0         | 0.00   | 0            | 0           |
| DIATONIC CHEMICAL PRODUCTS                     | 0         | 0.00   | 0            | 0           |
| INORGANIC CHEMICAL PRODUCTS                    | 0         | 0.00   | 0            | 0           |
| ORGANIC-INORGANIC CHEMICAL PRODUCTS            | 0         | 0.00   | 0            | 0           |
| CHEMICAL PRODUCTS - AGGLUTINATING PREPARATIONS | 0         | 0.00   | 0            | 0           |
| TILES  | 0         | 0.00   | 0            | 0           |
| RESINS   | 0         | 0.00   | 0            | 0           |
| COMMON SOAP                                    | 0         | 0.00   | 0            | 0           |
| BOTTLED GRAPE WINE                             | 0         | 0.00   | 0            | 0           |
| CAST GLASS                                     | 0         | 0.00   | 0            | 0           |
| MISCELLANEOUS GOODS                            | 0         | 0.00   | 0            | 0           |
| TOTAL  | 0         | 0.00   | 0            | 0           |

### 4.3.2.2. Loaded on private wharves and berths

| Cargo  | Total            |               | Domestic (T)   | Foreign (T)      |
|--|------------------|---------------|----------------|------------------|
|  | Tonnes           | %             |                |                  |
| <b>Total loaded</b>                              | <b>1,800,716</b> | <b>100.00</b> | <b>541,913</b> | <b>1,258,803</b> |
| <b>BULK LIQUIDS</b>                              |                  |               |                |                  |
| ANHYDRIC ACID                                    | 0                | 0.00          | 0              | 0                |
| SULPHURIC ACID                                   | 0                | 0.00          | 0              | 0                |
| POLYCARBOXYLIC ACIDS                             | 630              | 0.03          | 0              | 630              |
| ALQUILBENZENE                                    | 0                | 0.00          | 0              | 0                |
| NITRILE FUNCTION COMPOUNDS                       | 0                | 0.00          | 0              | 0                |
| FUEL-OIL   | 0                | 0.00          | 0              | 0                |
| NATURAL GAS                                      | 0                | 0.00          | 0              | 0                |
| GAS OIL  | 5,499            | 0.31          | 5,279          | 220              |
| GASOLINE   | 1,369            | 0.08          | 1,369          | 0                |
| BULK ANIMAL FATS                                 | 0                | 0.00          | 0              | 0                |
| ANIMAL OR VEGETABLE FATS AND OILS NOT EXPR.,BULK | 4,876            | 0.27          | 0              | 4,876            |
| LUBRICANTS                                       | 25               | 0.00          | 25             | 0                |
| MOLASSES   | 0                | 0.00          | 0              | 0                |
| METHANOL, PROPANOL, BUTANOL                      | 0                | 0.00          | 0              | 0                |
| COCONUT OIL (COPRA), PALMIST                     | 1,499            | 0.08          | 0              | 1,499            |
| SUNFLOWER, CARDAMOM OR COTTON OIL                | 23,550           | 1.31          | 3,000          | 20,550           |
| BULK PALM OIL                                    | 7,794            | 0.43          | 0              | 7,794            |
| BULK SOYA OIL                                    | 149,314          | 8.29          | 0              | 149,314          |
| AGGLUTINATING CHEMICAL PRODUCTS                  | 0                | 0.00          | 0              | 0                |
| HALOGENATED CHEMICAL PRODUCTS                    | 5,477            | 0.30          | 0              | 5,477            |
| CAUSTIC SODA                                     | 91,402           | 5.08          | 54,709         | 36,693           |
| XYLENE, TOLUENE, BENZENE, ...                    | 197              | 0.01          | 0              | 197              |
| OTHER BULK LIQUIDS                               | 1,041            | 0.06          | 0              | 1,041            |
| <b>TOTAL</b>                                     | <b>292,673</b>   | <b>16.25</b>  | <b>64,383</b>  | <b>228,290</b>   |
| <b>BULK SOLIDS FOR SPECIAL FACILITY</b>          |                  |               |                |                  |
| WHEAT  | 0                | 0.00          | 0              | 0                |
| MAIZE  | 0                | 0.00          | 0              | 0                |
| CARBONATE OF AMMONIUM, POTASSIUM, CALCIUM,...    | 0                | 0.00          | 0              | 0                |
| BULK CEMENT AND CLINKER                          | 1,409,553        | 78.28         | 451,366        | 958,187          |
| POTASSIUM CHLORIDE                               | 31,513           | 1.75          | 15,825         | 15,688           |
| SOYA BEAN  | 0                | 0.00          | 0              | 0                |
| OIL SEEDS  | 0                | 0.00          | 0              | 0                |
| DRY PULSES WITHOUT POD                           | 0                | 0.00          | 0              | 0                |
| IRON ORE, BURNT PYRITES                          | 0                | 0.00          | 0              | 0                |
| SUGAR BEET PULP                                  | 1,594            | 0.09          | 0              | 1,594            |
| PULPS, OILCAKES AND MEALS                        | 65,383           | 3.63          | 10,340         | 55,044           |
| OTHER BULKS.. PER FACILITY                       | 0                | 0.00          | 0              | 0                |
| <b>TOTAL</b>                                     | <b>1,508,044</b> | <b>83.75</b>  | <b>477,531</b> | <b>1,030,513</b> |
| <b>BULK SOLIDS WITHOUT SPECIAL FACILITY</b>      |                  |               |                |                  |
| BULK FERTILISERS USING ANTIPOLLUTION MEANS       | 0                | 0.00          | 0              | 0                |
| NATURAL ANIMAL-BASED FERTILISERS                 | 0                | 0.00          | 0              | 0                |
| CLAYS  | 0                | 0.00          | 0              | 0                |
| CHINA CLAY AND OTHER KAOLINIC CLAYS              | 0                | 0.00          | 0              | 0                |
| MINERAL SOFT COAL                                | 0                | 0.00          | 0              | 0                |
| PETROLIUM COKE                                   | 0                | 0.00          | 0              | 0                |
| SOYA FLOUR                                       | 0                | 0.00          | 0              | 0                |
| SCRAP IRON                                       | 0                | 0.00          | 0              | 0                |
| IRON ORE   | 0                | 0.00          | 0              | 0                |
| ALUMINIUM ORES. BAUXITE                          | 0                | 0.00          | 0              | 0                |
| PERLITE, VERMICULITE, SEPIOLITE                  | 0                | 0.00          | 0              | 0                |
| PEAS   | 0                | 0.00          | 0              | 0                |
| COMMON SALT                                      | 0                | 0.00          | 0              | 0                |
| GROUND GLASS                                     | 0                | 0.00          | 0              | 0                |
| OTHERS   | 0                | 0.00          | 0              | 0                |
| <b>TOTAL</b>                                     | <b>0</b>         | <b>0.00</b>   | <b>0</b>       | <b>0</b>         |
| <b>GENERAL CARGO</b>                             |                  |               |                |                  |
| LAMINATED STEEL                                  | 0                | 0.00          | 0              | 0                |
| ORANGE BLOSSOM WATERS                            | 0                | 0.00          | 0              | 0                |
| MINERAL WATERS                                   | 0                | 0.00          | 0              | 0                |
| OTHER FURNITURE AND THEIR PARTS                  | 0                | 0.00          | 0              | 0                |
| EMPTY BOTTLES AND GLASS RECIPIENTS               | 0                | 0.00          | 0              | 0                |
| COFFEE   | 0                | 0.00          | 0              | 0                |
| CARDBOARD AND PAPER                              | 0                | 0.00          | 0              | 0                |

| Cargo  | Total     |        | Domestic (T) | Foreign (T) |
|--|-----------|--------|--------------|-------------|
|  | Tonnes    | %      |              |             |
| Total loaded                                   | 1,800,716 | 100.00 | 541,913      | 1,258,803   |
| NATURAL UNWORKED RUBBER                        | 0         | 0.00   | 0            | 0           |
| MALT BEER, BOTTLED                             | 0         | 0.00   | 0            | 0           |
| RAW COTTON                                     | 0         | 0.00   | 0            | 0           |
| NEW CARS                                       | 0         | 0.00   | 0            | 0           |
| DETERGENTS                                     | 0         | 0.00   | 0            | 0           |
| PERSONAL BELONGINGS                            | 0         | 0.00   | 0            | 0           |
| FISH MEAL                                      | 0         | 0.00   | 0            | 0           |
| SCRAP IRON OR STEEL                            | 0         | 0.00   | 0            | 0           |
| DISCONTINUOUS SYNTHETIC FIBRES                 | 0         | 0.00   | 0            | 0           |
| CUT WOOD (NOT CONIFERS)                        | 0         | 0.00   | 0            | 0           |
| PROPYLENE GRANSES                              | 0         | 0.00   | 0            | 0           |
| PULSES AND DRIED VEGETABLES                    | 0         | 0.00   | 0            | 0           |
| BOOKS AND PRINTED MATERIAL                     | 0         | 0.00   | 0            | 0           |
| PLASTIC MANUFACTURED GOODS                     | 0         | 0.00   | 0            | 0           |
| MARBLE   | 0         | 0.00   | 0            | 0           |
| ANIMAL FOODS (CONSERVES)                       | 0         | 0.00   | 0            | 0           |
| OLIVE OIL, BOTTLED                             | 0         | 0.00   | 0            | 0           |
| OLIVES, PROCESSES VEGETABLES, UNFROZEN         | 0         | 0.00   | 0            | 0           |
| KRAFT PAPER AND CARDBOARD                      | 0         | 0.00   | 0            | 0           |
| STUCCOED PAPERS AND CARDBOARDS                 | 0         | 0.00   | 0            | 0           |
| WASTE PAPER                                    | 0         | 0.00   | 0            | 0           |
| VEHICLE PARTS AND ACCESSORIES                  | 0         | 0.00   | 0            | 0           |
| PASTA FOR SOUP                                 | 0         | 0.00   | 0            | 0           |
| FROZEN FISH                                    | 0         | 0.00   | 0            | 0           |
| BANANAS  | 0         | 0.00   | 0            | 0           |
| STYRENE POLYMERS                               | 0         | 0.00   | 0            | 0           |
| ETHYLENE POLYMERS                              | 0         | 0.00   | 0            | 0           |
| PREPARED FOODS                                 | 0         | 0.00   | 0            | 0           |
| DIATONIC CHEMICAL PRODUCTS                     | 0         | 0.00   | 0            | 0           |
| INORGANIC CHEMICAL PRODUCTS                    | 0         | 0.00   | 0            | 0           |
| ORGANIC-INORGANIC CHEMICAL PRODUCTS            | 0         | 0.00   | 0            | 0           |
| CHEMICAL PRODUCTS - AGGLUTINATING PREPARATIONS | 0         | 0.00   | 0            | 0           |
| TILES  | 0         | 0.00   | 0            | 0           |
| RESINS   | 0         | 0.00   | 0            | 0           |
| COMMON SOAP                                    | 0         | 0.00   | 0            | 0           |
| BOTTLED GRAPE WINE                             | 0         | 0.00   | 0            | 0           |
| CAST GLASS                                     | 0         | 0.00   | 0            | 0           |
| MISCELLANEOUS GOODS                            | 0         | 0.00   | 0            | 0           |
| TOTAL  | 0         | 0.00   | 0            | 0           |

### 4.3.2.3. Total discharged and loaded on private wharves and berths

| Cargo  | Total             |               | Domestic (T)     | Foreign (T)      |
|--|-------------------|---------------|------------------|------------------|
|  | Tonnes            | %             |                  |                  |
| <b>Total discharged and loaded</b>               | <b>10,919,963</b> | <b>100.00</b> | <b>1,763,933</b> | <b>9,156,030</b> |
| <b>BULK LIQUIDS</b>                              |                   |               |                  |                  |
| ANHYDRIC ACID                                    | 27,445            | 1.17          | 0                | 27,445           |
| SULPHURIC ACID                                   | 81,394            | 0.73          | 41,451           | 39,942           |
| POLYCARBOXYLIC ACIDS                             | 25,053            | 1.05          | 0                | 25,053           |
| ALQUILBENZENE                                    | 27,322            | 0.68          | 24,249           | 3,072            |
| NITRILE FUNCTION COMPOUNDS                       | 34,800            | 0.31          | 0                | 34,800           |
| FUEL-OIL   | 314,743           | 3.27          | 314,443          | 300              |
| NATURAL GAS                                      | 3,328,560         | 35.16         | 87,461           | 3,241,099        |
| GAS OIL  | 1,600,004         | 11.16         | 277,917          | 1,322,087        |
| GASOLINE   | 718,208           | 4.66          | 349,845          | 368,363          |
| BULK ANIMAL FATS                                 | 32,343            | 0.33          | 0                | 32,343           |
| ANIMAL OR VEGETABLE FATS AND OILS NOT EXPR.,BULK | 29,889            | 0.97          | 0                | 29,889           |
| LUBRICANTS                                       | 35,938            | 0.92          | 25               | 35,913           |
| MOLASSES   | 74,895            | 0.36          | 0                | 74,895           |
| METHANOL, PROPANOL, BUTANOL                      | 124,017           | 1.59          | 2,575            | 121,442          |
| COCONUT OIL (COPRA), PALMIST                     | 83,248            | 0.94          | 0                | 83,248           |
| SUNFLOWER, CARDAMOM OR COTTON OIL                | 23,550            | 0.94          | 3,000            | 20,550           |
| BULK PALM OIL                                    | 111,531           | 0.94          | 0                | 111,531          |
| BULK SOYA OIL                                    | 149,314           | 0.94          | 0                | 149,314          |
| AGGLUTINATING CHEMICAL PRODUCTS                  | 26,155            | 0.94          | 0                | 26,155           |
| HALOGENATED CHEMICAL PRODUCTS                    | 34,792            | 0.94          | 0                | 34,792           |
| CAUSTIC SODA                                     | 156,113           | 0.94          | 54,709           | 101,403          |
| XYLENE, TOLUENE, BENZENE, ...                    | 116,438           | 0.94          | 44,093           | 72,345           |
| OTHER BULK LIQUIDS                               | 82,672            | 1.79          | 1,650            | 81,022           |
| <b>TOTAL</b>                                     | <b>7,238,423</b>  | <b>65.09</b>  | <b>1,201,419</b> | <b>6,037,004</b> |
| <b>BULK SOLIDS FOR SPECIAL FACILITY</b>          |                   |               |                  |                  |
| WHEAT  | 182,985           | 0.09          | 0                | 182,985          |
| MAIZE  | 54,000            | 18.40         | 0                | 54,000           |
| CARBONATE OF AMMONIUM, POTASSIUM, CALCIUM,...    | 23,745            | 1.75          | 0                | 23,745           |
| BULK CEMENT AND CLINKER                          | 1,701,691         | 10.29         | 524,719          | 1,176,972        |
| POTASSIUM CHLORIDE                               | 47,351            | 0.73          | 15,825           | 31,526           |
| SOYA BEAN  | 1,560,201         | 2.20          | 0                | 1,560,201        |
| OIL SEEDS  | 4,533             | 0.66          | 0                | 4,533            |
| DRY PULSES WITHOUT POD                           | 26,116            | 0.17          | 0                | 26,116           |
| IRON ORE, BURNT PYRITES                          | 11,631            | 0.12          | 11,631           | 0                |
| SUGAR BEET PULP                                  | 3,906             | 0.66          | 0                | 3,906            |
| PULPS, OILCAKES AND MEALS                        | 65,383            | 0.66          | 10,340           | 55,044           |
| OTHER BULKS., PER FACILITY                       | 0                 | 0.40          | 0                | 0                |
| <b>TOTAL</b>                                     | <b>3,681,540</b>  | <b>34.91</b>  | <b>562,514</b>   | <b>3,119,026</b> |
| <b>BULK SOLIDS WITHOUT SPECIAL FACILITY</b>      |                   |               |                  |                  |
| BULK FERTILISERS USING ANTIPOLLUTION MEANS       | 0                 | 0.00          | 0                | 0                |
| NATURAL ANIMAL-BASED FERTILISERS                 | 0                 | 0.00          | 0                | 0                |
| CLAYS  | 0                 | 0.00          | 0                | 0                |
| CHINA CLAY AND OTHER KAOLINIC CLAYS              | 0                 | 0.00          | 0                | 0                |
| MINERAL SOFT COAL                                | 0                 | 0.00          | 0                | 0                |
| PETROLIUM COKE                                   | 0                 | 0.00          | 0                | 0                |
| SOYA FLOUR                                       | 0                 | 0.00          | 0                | 0                |
| SCRAP IRON                                       | 0                 | 0.00          | 0                | 0                |
| IRON ORE   | 0                 | 0.00          | 0                | 0                |
| ALUMINIUM ORES. BAUXITE                          | 0                 | 0.00          | 0                | 0                |
| PERLITE, VERMICULITE, SEPIOLITE                  | 0                 | 0.00          | 0                | 0                |
| PEAS   | 0                 | 0.00          | 0                | 0                |
| COMMON SALT                                      | 0                 | 1.00          | 0                | 0                |
| GROUND GLASS                                     | 0                 | 2.00          | 0                | 0                |
| OTHERS   | 0                 | 0.00          | 0                | 0                |
| <b>TOTAL</b>                                     | <b>0</b>          | <b>0.00</b>   | <b>0</b>         | <b>0</b>         |
| <b>GENERAL CARGO</b>                             |                   |               |                  |                  |
| LAMINATED STEEL                                  | 0                 | 0.00          | 0                | 0                |
| ORANGE BLOSSOM WATERS                            | 0                 | 0.00          | 0                | 0                |
| MINERAL WATERS                                   | 0                 | 0.00          | 0                | 0                |
| OTHER FURNITURE AND THEIR PARTS                  | 0                 | 0.00          | 0                | 0                |
| EMPTY BOTTLES AND GLASS RECIPIENTS               | 0                 | 1.00          | 0                | 0                |
| COFFEE   | 0                 | 0.00          | 0                | 0                |
| CARDBOARD AND PAPER                              | 0                 | 0.00          | 0                | 0                |

| Cargo  | Total      |        | Domestic (T) | Foreign (T) |
|--|------------|--------|--------------|-------------|
|  | Tonnes     | %      |              |             |
| Total discharged and loaded                    | 10,919,963 | 100.00 | 1,763,933    | 9,156,030   |
| NATURAL UNWORKED RUBBER                        | 0          | 0.00   | 0            | 0           |
| MALT BEER, BOTTLED                             | 0          | 0.00   | 0            | 0           |
| RAW COTTON                                     | 0          | 0.00   | 0            | 0           |
| NEW CARS                                       | 0          | 0.00   | 0            | 0           |
| DETERGENTS                                     | 0          | 0.00   | 0            | 0           |
| PERSONAL BELONGINGS                            | 0          | 0.00   | 0            | 0           |
| FISH MEAL                                      | 0          | 0.00   | 0            | 0           |
| SCRAP IRON OR STEEL                            | 0          | 0.00   | 0            | 0           |
| DISCONTINUOUS SYNTHETIC FIBRES                 | 0          | 1.00   | 0            | 0           |
| CUT WOOD (NOT CONIFERS)                        | 0          | 0.00   | 0            | 0           |
| PROPYLENE GRANSES                              | 0          | 1.00   | 0            | 0           |
| PULSES AND DRIED VEGETABLES                    | 0          | 0.00   | 0            | 0           |
| BOOKS AND PRINTED MATERIAL                     | 0          | 0.00   | 0            | 0           |
| PLASTIC MANUFACTURED GOODS                     | 0          | 0.00   | 0            | 0           |
| MARBLE   | 0          | 0.00   | 0            | 0           |
| ANIMAL FOODS (CONSERVES)                       | 0          | 0.00   | 0            | 0           |
| OLIVE OIL, BOTTLED                             | 0          | 0.00   | 0            | 0           |
| OLIVES, PROCESSES VEGETABLES, UNFROZEN         | 0          | 0.00   | 0            | 0           |
| KRAFT PAPER AND CARDBOARD                      | 0          | 0.00   | 0            | 0           |
| STUCCOED PAPERS AND CARDBOARDS                 | 0          | 0.00   | 0            | 0           |
| WASTE PAPER                                    | 0          | 0.00   | 0            | 0           |
| VEHICLE PARTS AND ACCESSORIES                  | 0          | 1.00   | 0            | 0           |
| PASTA FOR SOUP                                 | 0          | 0.00   | 0            | 0           |
| FROZEN FISH                                    | 0          | 0.00   | 0            | 0           |
| BANANAS  | 0          | 0.00   | 0            | 0           |
| STYRENE POLYMERS                               | 0          | 0.00   | 0            | 0           |
| ETHYLENE POLYMERS                              | 0          | 0.00   | 0            | 0           |
| PREPARED FOODS                                 | 0          | 0.00   | 0            | 0           |
| DIATONIC CHEMICAL PRODUCTS                     | 0          | 0.00   | 0            | 0           |
| INORGANIC CHEMICAL PRODUCTS                    | 0          | 0.00   | 0            | 0           |
| ORGANIC-INORGANIC CHEMICAL PRODUCTS            | 0          | 0.00   | 0            | 0           |
| CHEMICAL PRODUCTS - AGGLUTINATING PREPARATIONS | 0          | 0.00   | 0            | 0           |
| TILES  | 0          | 0.00   | 0            | 0           |
| RESINS   | 0          | 0.00   | 0            | 0           |
| COMMON SOAP                                    | 0          | 0.00   | 0            | 0           |
| BOTTLED GRAPE WINE                             | 0          | 0.00   | 0            | 0           |
| CAST GLASS                                     | 0          | 0.00   | 0            | 0           |
| MISCELLANEOUS GOODS                            | 0          | 0.00   | 0            | 0           |
| TOTAL  | 0          | 0.00   | 0            | 0           |

### 4.3.3. Discharged and loaded during the year

#### 4.3.3.1. Total discharged

| Cargo  | Total             |               | Domestic (T)     | Foreign (T)       |
|--|-------------------|---------------|------------------|-------------------|
|  | Tonnes            | %             |                  |                   |
| <b>Total discharged</b>                          | <b>15,652,181</b> | <b>100.00</b> | <b>2,020,049</b> | <b>13,632,131</b> |
| <b>BULK LIQUIDS</b>                              |                   |               |                  |                   |
| ANHYDRIC ACID                                    | 27,445            | 0.18          | 0                | 27,445            |
| SULPHURIC ACID                                   | 81,394            | 0.52          | 41,451           | 39,942            |
| POLYCARBOXYLIC ACIDS                             | 24,423            | 0.16          | 0                | 24,423            |
| ALQUILBENZENE                                    | 27,322            | 0.17          | 24,249           | 3,072             |
| NITRILE FUNCTION COMPOUNDS                       | 34,800            | 0.22          | 0                | 34,800            |
| FUEL-OIL   | 314,743           | 2.01          | 314,443          | 300               |
| NATURAL GAS                                      | 3,328,560         | 21.27         | 87,461           | 3,241,099         |
| GAS OIL  | 1,594,505         | 10.19         | 272,638          | 1,321,867         |
| GASOLINE   | 716,839           | 4.58          | 348,476          | 368,363           |
| BULK ANIMAL FATS                                 | 32,343            | 0.21          | 0                | 32,343            |
| ANIMAL OR VEGETABLE FATS AND OILS NOT EXPR.,BULK | 25,013            | 0.16          | 0                | 25,013            |
| LUBRICANTS                                       | 35,913            | 0.23          | 0                | 35,913            |
| MOLASSES   | 74,895            | 0.48          | 0                | 74,895            |
| METHANOL, PROPANOL, BUTANOL                      | 124,017           | 0.79          | 2,575            | 121,442           |
| COCONUT OIL (COPRA), PALMIST                     | 81,749            | 0.52          | 0                | 81,749            |
| SUNFLOWER, CARDAMOM OR COTTON OIL                | 0                 | 0.00          | 0                | 0                 |
| BULK PALM OIL                                    | 103,737           | 0.66          | 0                | 103,737           |
| BULK SOYA OIL                                    | 0                 | 0.00          | 0                | 0                 |
| AGGLUTINATING CHEMICAL PRODUCTS                  | 26,155            | 0.17          | 0                | 26,155            |
| HALOGENATED CHEMICAL PRODUCTS                    | 29,316            | 0.19          | 0                | 29,316            |
| CAUSTIC SODA                                     | 64,711            | 0.41          | 0                | 64,711            |
| XYLENE, TOLUENE, BENZENE, ...                    | 116,241           | 0.74          | 44,093           | 72,148            |
| OTHER BULK LIQUIDS                               | 81,631            | 0.52          | 1,650            | 79,981            |
| <b>TOTAL</b>                                     | <b>6,945,750</b>  | <b>44.38</b>  | <b>1,137,036</b> | <b>5,808,714</b>  |
| <b>BULK SOLIDS FOR SPECIAL FACILITY</b>          |                   |               |                  |                   |
| WHEAT  | 182,985           | 1.17          | 0                | 182,985           |
| MAIZE  | 54,000            | 0.34          | 0                | 54,000            |
| CARBONATE OF AMMONIUM, POTASSIUM, CALCIUM,...    | 23,745            | 0.15          | 0                | 23,745            |
| BULK CEMENT AND CLINKER                          | 292,138           | 1.87          | 73,353           | 218,785           |
| POTASSIUM CHLORIDE                               | 15,838            | 0.10          | 0                | 15,838            |
| SOYA BEAN  | 1,560,201         | 9.97          | 0                | 1,560,201         |
| OIL SEEDS  | 4,533             | 0.03          | 0                | 4,533             |
| DRY PULSES WITHOUT POD                           | 26,116            | 0.17          | 0                | 26,116            |
| IRON ORE, BURNT PYRITES                          | 11,631            | 0.07          | 11,631           | 0                 |
| SUGAR BEET PULP                                  | 2,312             | 0.01          | 0                | 2,312             |
| PULPS, OILCAKES AND MEALS                        | 0                 | 0.00          | 0                | 0                 |
| OTHER BULKS., PER FACILITY                       | 0                 | 0.00          | 0                | 0                 |
| <b>TOTAL</b>                                     | <b>2,173,497</b>  | <b>13.89</b>  | <b>84,984</b>    | <b>2,088,513</b>  |
| <b>BULK SOLIDS WITHOUT SPECIAL FACILITY</b>      |                   |               |                  |                   |
| BULK FERTILISERS USING ANTIPOLLUTION MEANS       | 0                 | 0.00          | 0                | 0                 |
| NATURAL ANIMAL-BASED FERTILISERS                 | 9,400             | 0.06          | 0                | 9,400             |
| CLAYS  | 18,031            | 0.12          | 0                | 18,031            |
| CHINA CLAY AND OTHER KAOLINIC CLAYS              | 14,857            | 0.09          | 0                | 14,857            |
| MINERAL SOFT COAL                                | 86,717            | 0.55          | 0                | 86,717            |
| PETROLIUM COKE                                   | 131,352           | 0.84          | 0                | 131,352           |
| SOYA FLOUR                                       | 0                 | 0.00          | 0                | 0                 |
| SCRAP IRON                                       | 78,974            | 0.50          | 0                | 78,974            |
| IRON ORE   | 17,240            | 0.11          | 0                | 17,240            |
| ALUMINIUM ORES. BAUXITE                          | 11,153            | 0.07          | 0                | 11,153            |
| PERLITE, VERMICULITE, SEPIOLITE                  | 35,674            | 0.23          | 0                | 35,674            |
| PEAS   | 95,513            | 0.61          | 0                | 95,513            |
| COMMON SALT                                      | 18,023            | 0.12          | 18,023           | 0                 |
| GROUND GLASS                                     | 46,952            | 0.30          | 0                | 46,952            |
| OTHERS   | 25,978            | 0.17          | 2,404            | 23,574            |
| <b>TOTAL</b>                                     | <b>589,864</b>    | <b>3.77</b>   | <b>20,427</b>    | <b>569,437</b>    |
| <b>GENERAL CARGO</b>                             |                   |               |                  |                   |
| LAMINATED STEEL                                  | 495,290           | 3.16          | 0                | 495,290           |
| ORANGE BLOSSOM WATERS                            | 6,915             | 0.04          | 6,378            | 537               |
| MINERAL WATERS                                   | 23,550            | 0.15          | 147              | 23,403            |
| OTHER FURNITURE AND THEIR PARTS                  | 21,326            | 0.14          | 1,127            | 20,199            |

| Cargo  | Total      |        | Domestic (T) | Foreign (T) |
|--|------------|--------|--------------|-------------|
|  | Tonnes     | %      |              |             |
| Total discharged                               | 15,652,181 | 100.00 | 2,020,049    | 13,632,131  |
| EMPTY BOTTLES AND GLASS RECIPIENTS             | 25,072     | 0.16   | 13,135       | 11,937      |
| COFFEE   | 214,641    | 1.37   | 6            | 214,635     |
| CARDBOARD AND PAPER                            | 45,325     | 0.29   | 60           | 45,266      |
| NATURAL UNWORKED RUBBER                        | 42,028     | 0.27   | 2            | 42,027      |
| MALT BEER, BOTTLED                             | 28,971     | 0.19   | 172          | 28,799      |
| RAW COTTON                                     | 56,365     | 0.36   | 0            | 56,365      |
| NEW CARS                                       | 250,677    | 1.60   | 15,462       | 235,214     |
| DETERGENTS                                     | 4,115      | 0.03   | 318          | 3,796       |
| PERSONAL BELONGINGS                            | 17,162     | 0.11   | 7,078        | 10,084      |
| FISH MEAL                                      | 7,334      | 0.05   | 591          | 6,742       |
| SCRAP IRON OR STEEL                            | 46,694     | 0.30   | 45,550       | 1,144       |
| DISCONTINUOUS SYNTHETIC FIBRES                 | 9,049      | 0.06   | 0            | 9,049       |
| CUT WOOD (NOT CONIFERS)                        | 61,118     | 0.39   | 72           | 61,047      |
| PROPYLENE GRANSES                              | 8,331      | 0.05   | 0            | 8,331       |
| PULSES AND DRIED VEGETABLES                    | 33,825     | 0.22   | 0            | 33,825      |
| BOOKS AND PRINTED MATERIAL                     | 4,240      | 0.03   | 222          | 4,019       |
| PLASTIC MANUFACTURED GOODS                     | 48,593     | 0.31   | 603          | 47,990      |
| MARBLE   | 32,722     | 0.21   | 16           | 32,705      |
| ANIMAL FOODS (CONSERVES)                       | 7,547      | 0.05   | 40           | 7,507       |
| OLIVE OIL, BOTTLED                             | 18,650     | 0.12   | 58           | 18,591      |
| OLIVES, PROCESSES VEGETABLES, UNFROZEN         | 22,717     | 0.15   | 55           | 22,663      |
| KRAFT PAPER AND CARDBOARD                      | 35,779     | 0.23   | 0            | 35,779      |
| STUCCOED PAPERS AND CARDBOARDS                 | 6,851      | 0.04   | 0            | 6,851       |
| WASTE PAPER                                    | 45,965     | 0.29   | 11,408       | 34,557      |
| VEHICLE PARTS AND ACCESSORIES                  | 52,368     | 0.33   | 67           | 52,301      |
| PASTA FOR SOUP                                 | 22,124     | 0.14   | 278          | 21,846      |
| FROZEN FISH                                    | 49,756     | 0.32   | 3,291        | 46,465      |
| BANANAS  | 78,435     | 0.50   | 51,410       | 27,026      |
| STYRENE POLYMERS                               | 25,173     | 0.16   | 0            | 25,173      |
| ETHYLENE POLYMERS                              | 60,478     | 0.39   | 0            | 60,478      |
| PREPARED FOODS                                 | 16,753     | 0.11   | 2,502        | 14,251      |
| DIATONIC CHEMICAL PRODUCTS                     | 34,629     | 0.22   | 0            | 34,629      |
| INORGANIC CHEMICAL PRODUCTS                    | 40,118     | 0.26   | 0            | 40,118      |
| ORGANIC-INORGANIC CHEMICAL PRODUCTS            | 44,431     | 0.28   | 0            | 44,431      |
| CHEMICAL PRODUCTS - AGGLUTINATING PREPARATIONS | 18,289     | 0.12   | 20           | 18,268      |
| TILES  | 77,254     | 0.49   | 126          | 77,127      |
| RESINS   | 28,823     | 0.18   | 0            | 28,823      |
| COMMON SOAP                                    | 1,981      | 0.01   | 325          | 1,656       |
| BOTTLED GRAPE WINE                             | 20,789     | 0.13   | 374          | 20,415      |
| CAST GLASS                                     | 26,305     | 0.17   | 37           | 26,268      |
| MISCELLANEOUS GOODS                            | 3,724,513  | 23.80  | 616,672      | 3,107,841   |
| TOTAL  | 5,943,070  | 37.97  | 777,603      | 5,165,468   |

### 4.3.3.2. Total loaded

| Cargo  | Total            |               | Domestic (T)     | Foreign (T)      |
|--|------------------|---------------|------------------|------------------|
|  | Tonnes           | %             |                  |                  |
| <b>Total loaded</b>                              | <b>9,072,936</b> | <b>100.00</b> | <b>2,924,624</b> | <b>6,148,312</b> |
| <b>BULK LIQUIDS</b>                              |                  |               |                  |                  |
| ANHYDRIC ACID                                    | 0                | 0.00          | 0                | 0                |
| SULPHURIC ACID                                   | 0                | 0.00          | 0                | 0                |
| POLYCARBOXYLIC ACIDS                             | 630              | 0.01          | 0                | 630              |
| ALQUILBENZENE                                    | 0                | 0.00          | 0                | 0                |
| NITRILE FUNCTION COMPOUNDS                       | 0                | 0.00          | 0                | 0                |
| FUEL-OIL   | 0                | 0.00          | 0                | 0                |
| NATURAL GAS                                      | 0                | 0.00          | 0                | 0                |
| GAS OIL  | 5,499            | 0.06          | 5,279            | 220              |
| GASOLINE   | 1,369            | 0.02          | 1,369            | 0                |
| BULK ANIMAL FATS                                 | 0                | 0.00          | 0                | 0                |
| ANIMAL OR VEGETABLE FATS AND OILS NOT EXPR.,BULK | 4,876            | 0.05          | 0                | 4,876            |
| LUBRICANTS                                       | 25               | 0.00          | 25               | 0                |
| MOLASSES   | 0                | 0.00          | 0                | 0                |
| METHANOL, PROPANOL, BUTANOL                      | 0                | 0.00          | 0                | 0                |
| COCONUT OIL (COPRA), PALMIST                     | 1,499            | 0.02          | 0                | 1,499            |
| SUNFLOWER, CARDAMOM OR COTTON OIL                | 23,550           | 0.26          | 3,000            | 20,550           |
| BULK PALM OIL                                    | 7,794            | 0.09          | 0                | 7,794            |
| BULK SOYA OIL                                    | 149,314          | 1.65          | 0                | 149,314          |
| AGGLUTINATING CHEMICAL PRODUCTS                  | 0                | 0.00          | 0                | 0                |
| HALOGENATED CHEMICAL PRODUCTS                    | 5,477            | 0.06          | 0                | 5,477            |
| CAUSTIC SODA                                     | 91,402           | 1.01          | 54,709           | 36,693           |
| XYLENE, TOLUENE, BENZENE, ...                    | 197              | 0.00          | 0                | 197              |
| OTHER BULK LIQUIDS                               | 1,041            | 0.01          | 0                | 1,041            |
| <b>TOTAL</b>                                     | <b>292,673</b>   | <b>3.23</b>   | <b>64,383</b>    | <b>228,290</b>   |
| <b>BULK SOLIDS FOR SPECIAL FACILITY</b>          |                  |               |                  |                  |
| WHEAT  | 0                | 0.00          | 0                | 0                |
| MAIZE  | 0                | 0.00          | 0                | 0                |
| CARBONATE OF AMMONIUM, POTASSIUM, CALCIUM,...    | 0                | 0.00          | 0                | 0                |
| BULK CEMENT AND CLINKER                          | 1,409,553        | 15.54         | 451,366          | 958,187          |
| POTASSIUM CHLORIDE                               | 31,513           | 0.35          | 15,825           | 15,688           |
| SOYA BEAN  | 0                | 0.00          | 0                | 0                |
| OIL SEEDS  | 0                | 0.00          | 0                | 0                |
| DRY PULSES WITHOUT POD                           | 0                | 0.00          | 0                | 0                |
| IRON ORE, BURNT PYRITES                          | 0                | 0.00          | 0                | 0                |
| SUGAR BEET PULP                                  | 1,594            | 0.02          | 0                | 1,594            |
| PULPS, OILCAKES AND MEALS                        | 65,383           | 0.72          | 10,340           | 55,044           |
| OTHER BULKS., PER FACILITY                       | 0                | 0.00          | 0                | 0                |
| <b>TOTAL</b>                                     | <b>1,508,044</b> | <b>16.62</b>  | <b>477,531</b>   | <b>1,030,513</b> |
| <b>BULK SOLIDS WITHOUT SPECIAL FACILITY</b>      |                  |               |                  |                  |
| BULK FERTILISERS USING ANTIPOLLUTION MEANS       | 114,112          | 1.26          | 0                | 114,112          |
| NATURAL ANIMAL-BASED FERTILISERS                 | 0                | 0.00          | 0                | 0                |
| CLAYS  | 0                | 0.00          | 0                | 0                |
| CHINA CLAY AND OTHER KAOLINIC CLAYS              | 0                | 0.00          | 0                | 0                |
| MINERAL SOFT COAL                                | 0                | 0.00          | 0                | 0                |
| PETROLIUM COKE                                   | 0                | 0.00          | 0                | 0                |
| SOYA FLOUR                                       | 12,919           | 0.14          | 0                | 12,919           |
| SCRAP IRON                                       | 0                | 0.00          | 0                | 0                |
| IRON ORE   | 0                | 0.00          | 0                | 0                |
| ALUMINIUM ORES. BAUXITE                          | 0                | 0.00          | 0                | 0                |
| PERLITE, VERMICULITE, SEPIOLITE                  | 0                | 0.00          | 0                | 0                |
| PEAS   | 0                | 0.00          | 0                | 0                |
| COMMON SALT                                      | 6,670            | 0.07          | 3,500            | 3,170            |
| GROUND GLASS                                     | 0                | 0.00          | 0                | 0                |
| OTHERS   | 1,501            | 0.02          | 0                | 1,501            |
| <b>TOTAL</b>                                     | <b>135,202</b>   | <b>1.49</b>   | <b>3,500</b>     | <b>131,702</b>   |
| <b>GENERAL CARGO</b>                             |                  |               |                  |                  |
| LAMINATED STEEL                                  | 3,244            | 0.04          | 1                | 3,243            |
| ORANGE BLOSSOM WATERS                            | 50,496           | 0.56          | 45,056           | 5,440            |
| MINERAL WATERS                                   | 82,229           | 0.91          | 57,488           | 24,741           |
| OTHER FURNITURE AND THEIR PARTS                  | 43,412           | 0.48          | 24,404           | 19,008           |
| EMPTY BOTTLES AND GLASS RECIPIENTS               | 24,252           | 0.27          | 3,975            | 20,276           |
| COFFEE   | 65,495           | 0.72          | 2,494            | 63,001           |
| CARDBOARD AND PAPER                              | 52,054           | 0.57          | 6,561            | 45,492           |



| Cargo  | Total     |        | Domestic (T) | Foreign (T) |
|--|-----------|--------|--------------|-------------|
|  | Tonnes    | %      |              |             |
| Total loaded                                   | 9,072,936 | 100.00 | 2,924,624    | 6,148,312   |
| NATURAL UNWORKED RUBBER                        | 3,766     | 0.04   | 51           | 3,715       |
| MALT BEER, BOTTLED                             | 69,103    | 0.76   | 62,914       | 6,189       |
| RAW COTTON                                     | 8,899     | 0.10   | 14           | 8,885       |
| NEW CARS                                       | 439,801   | 4.85   | 79,173       | 360,629     |
| DETERGENTS                                     | 109,995   | 1.21   | 28,256       | 81,739      |
| PERSONAL BELONGINGS                            | 219,116   | 2.42   | 174,072      | 45,043      |
| FISH MEAL                                      | 46,789    | 0.52   | 19,129       | 27,660      |
| SCRAP IRON OR STEEL                            | 1,528     | 0.02   | 12           | 1,516       |
| DISCONTINUOUS SYNTHETIC FIBRES                 | 37,371    | 0.41   | 14           | 37,357      |
| CUT WOOD (NOT CONIFERS)                        | 2,528     | 0.03   | 808          | 1,720       |
| PROPYLENE GRANSES                              | 75,756    | 0.83   | 78           | 75,678      |
| PULSES AND DRIED VEGETABLES                    | 29,680    | 0.33   | 10           | 29,670      |
| BOOKS AND PRINTED MATERIAL                     | 44,945    | 0.50   | 2,865        | 42,080      |
| PLASTIC MANUFACTURED GOODS                     | 29,748    | 0.33   | 7,324        | 22,424      |
| MARBLE   | 39,941    | 0.44   | 2,243        | 37,698      |
| ANIMAL FOODS (CONSERVES)                       | 36,222    | 0.40   | 14,143       | 22,078      |
| OLIVE OIL, BOTTLED                             | 45,002    | 0.50   | 754          | 44,248      |
| OLIVES, PROCESSES VEGETABLES, UNFROZEN         | 38,920    | 0.43   | 2,605        | 36,315      |
| KRAFT PAPER AND CARDBOARD                      | 18,174    | 0.20   | 517          | 17,657      |
| STUCCOED PAPERS AND CARDBOARDS                 | 126,609   | 1.40   | 5,367        | 121,242     |
| WASTE PAPER                                    | 30,783    | 0.34   | 5,685        | 25,099      |
| VEHICLE PARTS AND ACCESSORIES                  | 113,358   | 1.25   | 4,516        | 108,842     |
| PASTA FOR SOUP                                 | 55,556    | 0.61   | 31,379       | 24,177      |
| FROZEN FISH                                    | 17,223    | 0.19   | 2,360        | 14,862      |
| BANANAS  | 408       | 0.00   | 408          | 0           |
| STYRENE POLYMERS                               | 21,374    | 0.24   | 468          | 20,906      |
| ETHYLENE POLYMERS                              | 106,548   | 1.17   | 2,401        | 104,147     |
| PREPARED FOODS                                 | 136,441   | 1.50   | 123,733      | 12,708      |
| DIATONIC CHEMICAL PRODUCTS                     | 6,011     | 0.07   | 17           | 5,993       |
| INORGANIC CHEMICAL PRODUCTS                    | 30,843    | 0.34   | 0            | 30,843      |
| ORGANIC-INORGANIC CHEMICAL PRODUCTS            | 6,096     | 0.07   | 191          | 5,905       |
| CHEMICAL PRODUCTS - AGGLUTINATING PREPARATIONS | 53,312    | 0.59   | 4,172        | 49,140      |
| TILES  | 186,362   | 2.05   | 34,303       | 152,059     |
| RESINS   | 20,121    | 0.22   | 138          | 19,983      |
| COMMON SOAP                                    | 82,802    | 0.91   | 63,861       | 18,941      |
| BOTTLED GRAPE WINE                             | 133,921   | 1.48   | 40,520       | 93,401      |
| CAST GLASS                                     | 10,830    | 0.12   | 9,795        | 1,035       |
| MISCELLANEOUS GOODS                            | 4,379,956 | 48.27  | 1,514,933    | 2,865,023   |
| TOTAL  | 7,137,018 | 78.66  | 2,379,211    | 4,757,808   |

### 4.3.3.3. Total discharged and loaded

| Cargo  | Total             |               | Domestic (T)     | Foreign (T)       |
|--|-------------------|---------------|------------------|-------------------|
|  | Tonnes            | %             |                  |                   |
| <b>Total discharged and loaded</b>               | <b>24,725,117</b> | <b>100.00</b> | <b>4,944,674</b> | <b>19,780,443</b> |
| <b>BULK LIQUIDS</b>                              |                   |               |                  |                   |
| ANHYDRIC ACID                                    | 27,445            | 0.11          | 0                | 27,445            |
| SULPHURIC ACID                                   | 81,394            | 0.33          | 41,451           | 39,942            |
| POLYCARBOXYLIC ACIDS                             | 25,053            | 0.10          | 0                | 25,053            |
| ALQUILBENZENE                                    | 27,322            | 0.11          | 24,249           | 3,072             |
| NITRILE FUNCTION COMPOUNDS                       | 34,800            | 0.14          | 0                | 34,800            |
| FUEL-OIL   | 314,743           | 1.27          | 314,443          | 300               |
| NATURAL GAS                                      | 3,328,560         | 13.46         | 87,461           | 3,241,099         |
| GAS OIL  | 1,600,004         | 6.47          | 277,917          | 1,322,087         |
| GASOLINE   | 718,208           | 2.90          | 349,845          | 368,363           |
| BULK ANIMAL FATS                                 | 32,343            | 0.13          | 0                | 32,343            |
| ANIMAL OR VEGETABLE FATS AND OILS NOT EXPR.,BULK | 29,889            | 0.12          | 0                | 29,889            |
| LUBRICANTS                                       | 35,938            | 0.15          | 25               | 35,913            |
| MOLASSES   | 74,895            | 0.30          | 0                | 74,895            |
| METHANOL, PROPANOL, BUTANOL                      | 124,017           | 0.50          | 2,575            | 121,442           |
| COCONUT OIL (COPRA), PALMIST                     | 83,248            | 0.34          | 0                | 83,248            |
| SUNFLOWER, CARDAMOM OR COTTON OIL                | 23,550            | 0.10          | 3,000            | 20,550            |
| BULK PALM OIL                                    | 111,531           | 0.45          | 0                | 111,531           |
| BULK SOYA OIL                                    | 149,314           | 0.60          | 0                | 149,314           |
| AGGLUTINATING CHEMICAL PRODUCTS                  | 26,155            | 0.11          | 0                | 26,155            |
| HALOGENATED CHEMICAL PRODUCTS                    | 34,792            | 0.14          | 0                | 34,792            |
| CAUSTIC SODA                                     | 156,113           | 0.63          | 54,709           | 101,403           |
| XYLENE, TOLUENE, BENZENE, ...                    | 116,438           | 0.47          | 44,093           | 72,345            |
| OTHER BULK LIQUIDS                               | 82,672            | 0.33          | 1,650            | 81,022            |
| <b>TOTAL</b>                                     | <b>7,238,423</b>  | <b>29.28</b>  | <b>1,201,419</b> | <b>6,037,004</b>  |
| <b>BULK SOLIDS FOR SPECIAL FACILITY</b>          |                   |               |                  |                   |
| WHEAT  | 182,985           | 0.74          | 0                | 182,985           |
| MAIZE  | 54,000            | 0.22          | 0                | 54,000            |
| CARBONATE OF AMMONIUM, POTASSIUM, CALCIUM,...    | 23,745            | 0.10          | 0                | 23,745            |
| BULK CEMENT AND CLINKER                          | 1,701,691         | 6.88          | 524,719          | 1,176,972         |
| POTASSIUM CHLORIDE                               | 47,351            | 0.19          | 15,825           | 31,526            |
| SOYA BEAN  | 1,560,201         | 6.31          | 0                | 1,560,201         |
| OIL SEEDS  | 4,533             | 0.02          | 0                | 4,533             |
| DRY PULSES WITHOUT POD                           | 26,116            | 0.11          | 0                | 26,116            |
| IRON ORE, BURNT PYRITES                          | 11,631            | 0.05          | 11,631           | 0                 |
| SUGAR BEET PULP                                  | 3,906             | 0.02          | 0                | 3,906             |
| PULPS, OILCAKES AND MEALS                        | 65,383            | 0.26          | 10,340           | 55,044            |
| OTHER BULKS., PER FACILITY                       | 0                 | 0.00          | 0                | 0                 |
| <b>TOTAL</b>                                     | <b>3,681,540</b>  | <b>14.89</b>  | <b>562,514</b>   | <b>3,119,026</b>  |
| <b>BULK SOLIDS WITHOUT SPECIAL FACILITY</b>      |                   |               |                  |                   |
| BULK FERTILISERS USING ANTIPOLLUTION MEANS       | 114,112           | 0.46          | 0                | 114,112           |
| NATURAL ANIMAL-BASED FERTILISERS                 | 9,400             | 0.04          | 0                | 9,400             |
| CLAYS  | 18,031            | 0.07          | 0                | 18,031            |
| CHINA CLAY AND OTHER KAOLINIC CLAYS              | 14,857            | 0.06          | 0                | 14,857            |
| MINERAL SOFT COAL                                | 86,717            | 0.35          | 0                | 86,717            |
| PETROLIUM COKE                                   | 131,352           | 0.53          | 0                | 131,352           |
| SOYA FLOUR                                       | 12,919            | 0.05          | 0                | 12,919            |
| SCRAP IRON                                       | 78,974            | 0.32          | 0                | 78,974            |
| IRON ORE   | 17,240            | 0.07          | 0                | 17,240            |
| ALUMINIUM ORES. BAUXITE                          | 11,153            | 0.05          | 0                | 11,153            |
| PERLITE, VERMICULITE, SEPIOLITE                  | 35,674            | 0.14          | 0                | 35,674            |
| PEAS   | 95,513            | 0.39          | 0                | 95,513            |
| COMMON SALT                                      | 24,693            | 0.10          | 21,523           | 3,170             |
| GROUND GLASS                                     | 46,952            | 0.19          | 0                | 46,952            |
| OTHERS   | 27,479            | 0.11          | 2,404            | 25,075            |
| <b>TOTAL</b>                                     | <b>725,065</b>    | <b>2.93</b>   | <b>23,927</b>    | <b>701,138</b>    |
| <b>GENERAL CARGO</b>                             |                   |               |                  |                   |
| LAMINATED STEEL                                  | 498,534           | 2.02          | 1                | 498,533           |
| ORANGE BLOSSOM WATERS                            | 57,411            | 0.23          | 51,434           | 5,977             |
| MINERAL WATERS                                   | 105,779           | 0.43          | 57,635           | 48,144            |
| OTHER FURNITURE AND THEIR PARTS                  | 64,738            | 0.26          | 25,531           | 39,208            |
| EMPTY BOTTLES AND GLASS RECIPIENTS               | 49,324            | 0.20          | 17,111           | 32,213            |
| COFFEE   | 280,136           | 1.13          | 2,500            | 277,636           |
| CARDBOARD AND PAPER                              | 97,379            | 0.39          | 6,621            | 90,758            |

| Cargo  | Total      |        | Domestic (T) | Foreign (T) |
|--|------------|--------|--------------|-------------|
|  | Tonnes     | %      |              |             |
| Total discharged and loaded                    | 24,725,117 | 100.00 | 4,944,674    | 19,780,443  |
| NATURAL UNWORKED RUBBER                        | 45,794     | 0.19   | 53           | 45,741      |
| MALT BEER, BOTTLED                             | 98,074     | 0.40   | 63,086       | 34,988      |
| RAW COTTON                                     | 65,264     | 0.26   | 14           | 65,249      |
| NEW CARS                                       | 690,478    | 2.79   | 94,635       | 595,843     |
| DETERGENTS                                     | 114,110    | 0.46   | 28,574       | 85,536      |
| PERSONAL BELONGINGS                            | 236,278    | 0.96   | 181,150      | 55,128      |
| FISH MEAL                                      | 54,123     | 0.22   | 19,720       | 34,402      |
| SCRAP IRON OR STEEL                            | 48,222     | 0.20   | 45,562       | 2,660       |
| DISCONTINUOUS SYNTHETIC FIBRES                 | 46,421     | 0.19   | 14           | 46,407      |
| CUT WOOD (NOT CONIFERS)                        | 63,647     | 0.26   | 880          | 62,767      |
| PROPYLENE GRANSES                              | 84,087     | 0.34   | 78           | 84,009      |
| PULSES AND DRIED VEGETABLES                    | 63,505     | 0.26   | 10           | 63,495      |
| BOOKS AND PRINTED MATERIAL                     | 49,186     | 0.20   | 3,087        | 46,099      |
| PLASTIC MANUFACTURED GOODS                     | 78,341     | 0.32   | 7,928        | 70,413      |
| MARBLE   | 72,662     | 0.29   | 2,259        | 70,403      |
| ANIMAL FOODS (CONSERVES)                       | 43,769     | 0.18   | 14,184       | 29,586      |
| OLIVE OIL, BOTTLED                             | 63,652     | 0.26   | 812          | 62,839      |
| OLIVES, PROCESSES VEGETABLES, UNFROZEN         | 61,638     | 0.25   | 2,660        | 58,978      |
| KRAFT PAPER AND CARDBOARD                      | 53,953     | 0.22   | 517          | 53,436      |
| STUCCOED PAPERS AND CARDBOARDS                 | 133,460    | 0.54   | 5,367        | 128,093     |
| WASTE PAPER                                    | 76,748     | 0.31   | 17,093       | 59,655      |
| VEHICLE PARTS AND ACCESSORIES                  | 165,726    | 0.67   | 4,583        | 161,143     |
| PASTA FOR SOUP                                 | 77,680     | 0.31   | 31,658       | 46,022      |
| FROZEN FISH                                    | 66,978     | 0.27   | 5,651        | 61,327      |
| BANANAS  | 78,843     | 0.32   | 51,817       | 27,026      |
| STYRENE POLYMERS                               | 46,547     | 0.19   | 468          | 46,079      |
| ETHYLENE POLYMERS                              | 167,026    | 0.68   | 2,402        | 164,625     |
| PREPARED FOODS                                 | 153,193    | 0.62   | 126,234      | 26,959      |
| DIATONIC CHEMICAL PRODUCTS                     | 40,640     | 0.16   | 17           | 40,622      |
| INORGANIC CHEMICAL PRODUCTS                    | 70,961     | 0.29   | 0            | 70,961      |
| ORGANIC-INORGANIC CHEMICAL PRODUCTS            | 50,527     | 0.20   | 191          | 50,336      |
| CHEMICAL PRODUCTS - AGGLUTINATING PREPARATIONS | 71,600     | 0.29   | 4,192        | 67,409      |
| TILES  | 263,616    | 1.07   | 34,429       | 229,187     |
| RESINS   | 48,944     | 0.20   | 138          | 48,805      |
| COMMON SOAP                                    | 84,783     | 0.34   | 64,186       | 20,597      |
| BOTTLED GRAPE WINE                             | 154,710    | 0.63   | 40,894       | 113,816     |
| CAST GLASS                                     | 37,135     | 0.15   | 9,832        | 27,303      |
| MISCELLANEOUS GOODS                            | 8,104,469  | 32.78  | 2,131,605    | 5,972,864   |
| TOTAL  | 13,080,089 | 52.90  | 3,156,813    | 9,923,276   |

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

| Country                | Discharged | Loaded    | Total     |
|------------------------|------------|-----------|-----------|
| ALBANIA                | 16         | 9         | 25        |
| GERMANY                | 78,790     | 46,895    | 125,685   |
| ALGERIA                | 2,070,388  | 185,598   | 2,255,986 |
| ANGOLA                 | 312        | 4,951     | 5,263     |
| SAUDI ARABIA           | 113,619    | 63,324    | 176,943   |
| ARGENTINA              | 201,437    | 233,998   | 435,436   |
| ARUBA                  | 27,442     |           | 27,442    |
| AUSTRALIA              | 42,342     | 81,003    | 123,345   |
| AZERBAIJAN             |            | 24        | 24        |
| BAHAMAS                |            | 289       | 289       |
| BAHRAIN                | 8,918      | 2,532     | 11,450    |
| BANGLADESH             | 5,086      | 6,186     | 11,272    |
| BARBADOS               |            | 303       | 303       |
| BELGIUM                | 18,648     | 6,497     | 25,144    |
| BELICE                 | 59         | 47        | 106       |
| BENIN                  | 5,659      | 105,372   | 111,031   |
| BERMUDAS               | 5          | 7         | 11        |
| BRAZIL                 | 971,544    | 133,688   | 1,105,232 |
| BRAZZAVILLE            | 863        | 862       | 1,725     |
| BRUNEI                 | 7          | 549       | 556       |
| BULGARIA               | 148,716    | 5,614     | 154,330   |
| BURKINA FASO           | 18         |           | 18        |
| CAMBODIA               | 74         | 315       | 389       |
| CAMEROON               | 18,913     | 10,658    | 29,571    |
| CANADA                 | 176,854    | 89,732    | 266,585   |
| CAPE VERDE             |            | 57        | 57        |
| COLOMBIA               | 18,400     | 28,271    | 46,672    |
| COMOROS                |            | 46        | 46        |
| NORTH KOREA            | 2,610      |           | 2,610     |
| SOUTH KOREA            | 242,154    | 31,536    | 273,690   |
| CÔTE D'IVOIRE          | 82,763     | 189,211   | 271,974   |
| COSTA RICA             | 31,137     | 10,834    | 41,970    |
| CROATIA                | 1,534      | 5         | 1,539     |
| CUBA                   | 14,986     | 61,459    | 76,445    |
| DENMARK                | 9,850      | 8,922     | 18,772    |
| DJIBOUTI               | 1,973      | 8,136     | 10,109    |
| DOMINICA               |            | 16        | 16        |
| EGYPT                  | 46,657     | 162,430   | 209,087   |
| EL SALVADOR            | 1,933      | 7,250     | 9,183     |
| UNITED ARAB EMIRATES   | 498,043    | 37,848    | 535,891   |
| ECUADOR                | 3,764      | 4,231     | 7,995     |
| ERITREA                | 306        | 1,081     | 1,387     |
| SLOVENIA               | 282        | 4,362     | 4,644     |
| SPAIN                  | 2,189,247  | 3,006,249 | 5,195,495 |
| UNITED STATES          | 1,465,025  | 945,525   | 2,410,550 |
| ESTHONIA               | 3,603      | 1,974     | 5,577     |
| ETHIOPIA               | 526        | 1,544     | 2,069     |
| FIJI                   | 287        | 16        | 304       |
| PHILIPPINES            | 23,553     | 11,784    | 35,337    |
| FINLAND                | 8,301      | 10,314    | 18,615    |
| FRANCE                 | 418,573    | 172,071   | 590,644   |
| GABON                  | 1,115      | 3,329     | 4,444     |
| GAMBIA                 | 291        | 4,068     | 4,360     |
| GEORGIA                | 4,746      | 427       | 5,173     |
| GHANA                  | 14,106     | 53,744    | 67,850    |
| GIBRALTAR              | 13         |           | 13        |
| GREECE                 | 155,023    | 270,350   | 425,374   |
| GREENLAND              |            | 26        | 26        |
| GUADELUPE              | 2,434      | 550       | 2,984     |
| GUAM                   |            | 44        | 44        |
| GUATEMALA              | 3,621      | 4,518     | 8,138     |
| FRENCH GUIANA          | 1,942      | 4,880     | 6,822     |
| EQUATORIAL GUINEA      | 948        | 2,253     | 3,201     |
| HAITI                  | 215        | 1,750     | 1,965     |
| HONDURAS               | 8,641      | 2,727     | 11,369    |
| HONG KONG              | 187,412    | 86,490    | 273,902   |
| HUNGARY                |            | 28        | 28        |
| YEMEN                  | 7          | 4,492     | 4,499     |
| BRITISH VIRGIN ISLANDS |            | 18        | 18        |

| Country                           | Discharged | Loaded  | Total     |
|-----------------------------------|------------|---------|-----------|
| INDIA                             | 190,482    | 43,552  | 234,034   |
| INDONESIA                         | 310,649    | 19,847  | 330,496   |
| IRAK                              |            | 1,711   | 1,711     |
| IRAN                              | 2,893      | 31,364  | 34,257    |
| IRELAND                           | 3,490      | 23,034  | 26,523    |
| ICELAND                           |            | 597     | 597       |
| ISRAEL                            | 96,985     | 258,809 | 355,794   |
| ITALY                             | 1,439,156  | 286,858 | 1,726,014 |
| JUGOSLAVIA                        | 41,862     | 5,863   | 47,725    |
| JAMAICA                           | 8,646      | 15,702  | 24,348    |
| JAPAN                             | 268,839    | 160,489 | 429,328   |
| JORDAN                            | 1,140      | 13,032  | 14,172    |
| KENYA                             | 69,946     | 9,912   | 79,858    |
| KUWAIT                            | 12,498     | 7,764   | 20,263    |
| LATVIA                            | 10,246     | 871     | 11,117    |
| LEBANON                           | 9,187      | 46,694  | 55,881    |
| LIBERIA                           | 1,661      | 2,338   | 3,999     |
| LIBYA                             | 786,305    | 4,795   | 791,099   |
| LITHUANIA                         | 3,270      | 3,282   | 6,552     |
| MACAO                             | 403        | 760     | 1,163     |
| MALAYSIA                          | 115,446    | 27,599  | 143,045   |
| MALTA                             | 3,919      | 41,056  | 44,976    |
| MOROCCO                           | 51,246     | 240,131 | 291,378   |
| MARTINIQUE                        | 583        | 1,346   | 1,928     |
| MAURITIUS                         | 6,090      | 2,618   | 8,709     |
| MAURITANIA                        | 253        | 35,641  | 35,894    |
| MEXICO                            | 108,841    | 105,822 | 214,663   |
| MOZAMBIQUE                        | 33,302     | 2,195   | 35,498    |
| MYANMAR                           | 198        | 69      | 266       |
| NAMIBIA                           | 298        | 102     | 400       |
| NICARAGUA                         | 60         | 84      | 143       |
| NIGERIA                           | 9,995      | 24,128  | 34,123    |
| NORWAY                            | 17,569     | 3,607   | 21,175    |
| NEW CALEDONIAN                    |            | 58      | 58        |
| NEW ZEALAND                       | 16,789     | 18,845  | 35,634    |
| OMAN                              | 80         | 1,650   | 1,730     |
| NETHERLANDS                       | 144,254    | 38,784  | 183,038   |
| PAKISTAN                          | 87,942     | 16,082  | 104,025   |
| PANAMA                            | 3,150      | 3,711   | 6,861     |
| PAPUA NEW GUINEA                  | 41         | 177     | 217       |
| PARAGUAY                          | 2,079      | 3,659   | 5,738     |
| PERU                              | 4,342      | 23,142  | 27,484    |
| POLAND                            | 11,254     | 1,747   | 13,001    |
| PORTUGAL                          | 19,928     | 151,630 | 171,557   |
| PUERTO RICO                       | 84         | 76,436  | 76,520    |
| QATAR                             | 355,192    | 2,105   | 357,297   |
| UNITED KINGDOM                    | 347,684    | 56,955  | 404,639   |
| DOMINICAN REPUBLIC                | 5,129      | 22,520  | 27,649    |
| REPUBLIC OF SOUTH AFRICA          | 92,349     | 116,090 | 208,440   |
| REPUBLIC OF CONGO                 | 804        | 476     | 1,280     |
| REPUBLIC OF MALGACHE (MADAGASCAR) | 4,394      | 2,079   | 6,473     |
| REUNION                           |            | 1,212   | 1,212     |
| ROMANIA                           | 69,452     | 8,101   | 77,553    |
| RUSSIA                            | 135,013    | 9,718   | 144,730   |
| SAINT KITTS AND NEVIS             |            | 92      | 92        |
| SENEGAL                           | 2,753      | 32,268  | 35,020    |
| SEYCHELLES                        |            | 58      | 58        |
| SIERRA LEONE                      |            | 1,256   | 1,256     |
| SINGAPORE                         | 127,246    | 63,109  | 190,355   |
| SYRIA                             | 19,441     | 40,454  | 59,894    |
| SRI LANKA                         | 11,441     | 5,043   | 16,484    |
| SUDAN                             | 1,554      | 3,055   | 4,608     |
| SWEDEN                            | 85,726     | 15,324  | 101,050   |
| SWITZERLAND                       |            | 4       | 4         |
| THAILAND                          | 102,755    | 28,012  | 130,767   |
| TAIWAN (REPUBLIC OF CHINA)        | 111,287    | 59,610  | 170,898   |
| TANZANIA                          | 15,477     | 3,322   | 18,799    |
| TOGO                              | 620        | 44,469  | 45,089    |
| TRINIDAD AND TOBAGO               | 24,053     | 2,789   | 26,842    |
| TUNISIA                           | 18,437     | 169,889 | 188,326   |
| TURKEY                            | 272,882    | 259,836 | 532,718   |

| Country   | Discharged | Loaded    | Total      |
|-----------|------------|-----------|------------|
| UKRAINE   | 46,448     | 6,220     | 52,667     |
| UGANDA    |            | 86        | 86         |
| URUGUAY   | 27,176     | 39,871    | 67,048     |
| VENEZUELA | 60,305     | 44,308    | 104,613    |
| VIETNAM   | 47,275     | 6,464     | 53,739     |
| CHILE     | 43,005     | 40,743    | 83,749     |
| CHINA     | 380,902    | 68,488    | 449,390    |
| CYPRUS    | 8,118      | 34,250    | 42,368     |
| ZAIRE     | 4,133      | 3,747     | 7,880      |
| TOTAL     | 15,652,181 | 9,072,937 | 24,725,117 |

### 4.3.5. Transhipped cargo

(None)

### 4.3.6. Classification by tariff T-3 (T)

| Tariff T-3              | Domestic and foreign | Local traffic | Total             |
|-------------------------|----------------------|---------------|-------------------|
| Group 1                 | 2,658,061            | 0             | 2,658,061         |
| Group 2                 | 6,129,213            | 0             | 6,129,213         |
| Group 3                 | 4,337,623            | 0             | 4,337,623         |
| Group 4                 | 1,353,014            | 0             | 1,353,014         |
| Group 5                 | 7,351,163            | 0             | 7,351,163         |
| Facilities              | 2,896,043            | 0             | 2,896,043         |
| <b>TOTAL TARIFF T-3</b> | <b>24,725,117</b>    | <b>0</b>      | <b>24,725,117</b> |

### 4.3.7. Classification of cargo by type (T)

| Cargo                                    | Domestic         |                  |                  | Foreign          |                   |                   | Total            |                   |                   |
|--|------------------|------------------|------------------|------------------|-------------------|-------------------|------------------|-------------------|-------------------|
|  | Loaded           | Discharged       | Total            | Loaded           | Discharged        | Total             | Loaded           | Discharged        | Total             |
| <b>ENERGY</b>                            | 26,718           | 1,067,244        | 1,093,962        | 27,437           | 5,315,151         | 5,342,588         | 54,155           | 6,382,394         | 6,436,549         |
| 1Crude-oil                               |                  | 5                | 5                | 455              | 568               | 1,023             | 455              | 573               | 1,028             |
| 2Fuel-oil                                | 14               | 314,443          | 314,457          | 318              | 418               | 736               | 332              | 314,861           | 315,192           |
| 3Gas-oil                                 | 5,292            | 272,638          | 277,930          | 221              | 1,321,867         | 1,322,088         | 5,513            | 1,594,505         | 1,600,017         |
| 4Petrol                                  | 1,658            | 348,476          | 350,134          | 8                | 368,384           | 368,392           | 1,666            | 716,860           | 718,526           |
| 6Other petroleum products                | 5,874            | 41               | 5,915            | 23,319           | 82,749            | 106,068           | 29,193           | 82,790            | 111,983           |
| 7Petroleum fuel gases                    | 12,942           | 44,179           | 57,121           | 1,266            | 72,864            | 74,130            | 14,208           | 117,043           | 131,251           |
| 35Natural gas                            | 17               | 87,461           | 87,478           |                  | 3,241,099         | 3,241,099         | 17               | 3,328,560         | 3,328,577         |
| 12Petroleum coals and coke               | 921              |                  | 921              | 1,850            | 227,203           | 229,053           | 2,771            | 227,203           | 229,974           |
| <b>IRON AND STEEL</b>                    | 70,519           | 57,832           | 128,352          | 93,684           | 768,710           | 862,394           | 164,203          | 826,542           | 990,746           |
| 8Iron and ore                            | 345              | 11,631           | 11,975           | 114              | 17,428            | 17,543            | 459              | 29,059            | 29,518            |
| 11Scrap iron                             | 12               | 45,550           | 45,562           | 1,516            | 80,122            | 81,638            | 1,528            | 125,672           | 127,200           |
| 13Iron and steel products                | 70,163           | 652              | 70,814           | 92,053           | 671,160           | 763,213           | 162,216          | 671,812           | 834,028           |
| <b>METALLURGY</b>                        | 27,952           | 4,572            | 32,524           | 174,121          | 246,734           | 420,854           | 202,073          | 251,306           | 453,379           |
| 9Pyrites                                 |                  |                  | 0                | 29               |                   | 29                | 29               | 0                 | 29                |
| 10Other ores                             | 24,344           | 4,476            | 28,820           | 132,634          | 177,007           | 309,640           | 156,978          | 181,483           | 338,460           |
| 36Other metallurgical products           | 3,608            | 96               | 3,704            | 41,458           | 69,727            | 111,185           | 45,067           | 69,823            | 114,890           |
| <b>FERTILISERS</b>                       | 23,192           | 76               | 23,269           | 136,338          | 40,999            | 177,337           | 159,530          | 41,075            | 200,605           |
| 14Phosphates                             | 9                |                  | 9                | 49               | 129               | 178               | 58               | 129               | 187               |
| 15Potashes                               | 15,825           |                  | 15,825           | 130,466          | 16,318            | 146,783           | 146,291          | 16,318            | 162,608           |
| 16Natural and artificial fertilisers     | 7,359            | 76               | 7,435            | 5,823            | 24,553            | 30,375            | 13,182           | 24,629            | 37,811            |
| <b>CHEMICALS</b>                         | 234,354          | 71,007           | 305,361          | 888,622          | 882,230           | 1,770,852         | 1,122,976        | 953,237           | 2,076,213         |
| 17Chemical products                      | 234,354          | 71,007           | 305,361          | 888,622          | 882,230           | 1,770,852         | 1,122,976        | 953,237           | 2,076,213         |
| <b>CONSTRUCTION MATERIALS</b>            | 645,121          | 74,411           | 719,532          | 1,290,942        | 421,521           | 1,712,463         | 1,936,063        | 495,932           | 2,431,995         |
| 5Asphalt                                 |                  |                  | 0                | 172              | 147               | 319               | 172              | 147               | 319               |
| 18Cement and clinker                     | 497,121          | 73,376           | 570,497          | 966,124          | 223,594           | 1,189,719         | 1,463,246        | 296,970           | 1,760,216         |
| 20Construction materials                 | 148,000          | 1,035            | 149,035          | 324,646          | 197,780           | 522,425           | 472,646          | 198,814           | 671,460           |
| <b>AGRICULTURE AND FOOD</b>              | 789,598          | 85,708           | 875,306          | 988,957          | 3,135,977         | 4,124,934         | 1,778,556        | 3,221,685         | 5,000,241         |
| 21Grain and flour                        | 43,393           | 226              | 43,619           | 17,284           | 250,184           | 267,468           | 60,676           | 250,411           | 311,087           |
| 22Soya beans and flour                   | 87               | 32               | 119              | 29               | 1,560,662         | 1,560,692         | 117              | 1,560,694         | 1,560,811         |
| 23Fruit vegetables and pulses            | 35,681           | 53,067           | 88,748           | 67,182           | 227,395           | 294,577           | 102,863          | 280,461           | 383,324           |
| 24Wines, drinks, alcohol and derivatives | 226,479          | 9,667            | 236,146          | 169,875          | 115,269           | 285,144           | 396,354          | 124,936           | 521,290           |
| 27Canned food                            | 16,492           | 330              | 16,822           | 56,062           | 65,386            | 121,448           | 72,554           | 65,716            | 138,270           |
| 28Tobacco, cocoa, coffee and spices      | 9,228            | 1,978            | 11,206           | 101,071          | 290,819           | 391,891           | 110,300          | 292,797           | 403,097           |
| 29Oils and fats                          | 13,106           | 1,314            | 14,420           | 247,378          | 281,503           | 528,881           | 260,484          | 282,817           | 543,301           |
| 30Other food products                    | 322,693          | 14,728           | 337,421          | 169,708          | 213,648           | 383,355           | 492,400          | 228,376           | 720,776           |
| 33Frozen fish                            | 2,445            | 3,291            | 5,736            | 15,021           | 46,962            | 61,983            | 17,466           | 50,253            | 67,718            |
| 37Feedstuffs                             | 119,994          | 1,076            | 121,070          | 145,348          | 84,148            | 229,497           | 265,342          | 85,224            | 350,566           |
| <b>OTHER CARGO</b>                       | 413,167          | 77,753           | 490,919          | 1,218,721        | 1,576,482         | 2,795,203         | 1,631,888        | 1,654,234         | 3,286,122         |
| 19Wood and cork                          | 19,291           | 201              | 19,492           | 48,414           | 107,711           | 156,125           | 67,705           | 107,912           | 175,617           |
| 25Common salt                            | 5,720            | 18,025           | 23,746           | 5,269            | 1,251             | 6,520             | 10,989           | 19,276            | 30,266            |
| 26Paper and pulp                         | 24,659           | 11,703           | 36,361           | 313,198          | 200,810           | 514,008           | 337,857          | 212,513           | 550,369           |
| 31Machinery, equipment, tools, spares    | 73,299           | 4,932            | 78,230           | 328,918          | 324,197           | 653,115           | 402,217          | 329,128           | 731,345           |
| 34Other cargo                            | 290,198          | 42,892           | 333,090          | 522,922          | 942,513           | 1,465,435         | 813,120          | 985,405           | 1,798,525         |
| <b>SPECIAL TRANSPORTS</b>                | 694,002          | 581,446          | 1,275,449        | 1,329,491        | 1,244,327         | 2,573,818         | 2,023,493        | 1,825,774         | 3,849,267         |
| 32Automobiles and parts                  | 88,909           | 15,682           | 104,591          | 494,629          | 331,072           | 825,700           | 583,538          | 346,753           | 930,291           |
| 38Cargo truck platform tare (Ro-Ro)      | 344,597          | 321,168          | 665,765          | 30,909           | 27,149            | 58,058            | 375,506          | 348,317           | 723,823           |
| 39Container tare                         | 260,497          | 244,596          | 505,093          | 803,953          | 886,107           | 1,690,060         | 1,064,450        | 1,130,703         | 2,195,153         |
| 40Cargo in transit containers (TIC)      | 0                | 0                | 0                | 0                | 0                 | 0                 | 0                | 0                 | 0                 |
| <b>TOTAL</b>                             | <b>2,924,624</b> | <b>2,020,050</b> | <b>4,944,674</b> | <b>6,148,313</b> | <b>13,632,130</b> | <b>19,780,444</b> | <b>9,072,937</b> | <b>15,652,180</b> | <b>24,725,117</b> |

#### 4.3.7.bis. Classification of cargo on transit, entries and departures by sea, according to type

| Cargo                                     | Domestic discharges |               | Foreign discharged  |               | Total transshipment loaded |
|---|---------------------|---------------|---------------------|---------------|----------------------------|
|   | Loaded domestically | Loaded abroad | Loaded domestically | Loaded abroad |                            |
| ENERGY                                    | 0                   | 0             | 9,527               | 9,843         | 19,370                     |
| 1 Crude-oil                               | 0                   | 0             | 464                 | 356           | 820                        |
| 2 Fuel-oil                                | 0                   | 0             | 66                  | 66            | 132                        |
| 3 Gas-oil                                 | 0                   | 0             | 0                   | 0             | 0                          |
| 4 Petrol                                  | 0                   | 0             | 0                   | 7,740         | 7,740                      |
| 6 Other petroleum products                | 0                   | 0             | 7,119               | 12            | 7,131                      |
| 7 Petroleum fuel gases                    | 0                   | 0             | 12                  | 0             | 12                         |
| 35 Natural gas                            | 0                   | 0             | 0                   | 0             | 0                          |
| 12 Petroleum coals and coke               | 0                   | 0             | 1,866               | 1,669         | 3,535                      |
| IRON AND STEEL                            | 0                   | 29            | 20,657              | 19,513        | 40,199                     |
| 8 Iron ore                                | 0                   | 0             | 19                  | 0             | 19                         |
| 11 Scrap iron                             | 0                   | 0             | 583                 | 611           | 1,194                      |
| 13 Iron and steel products                | 0                   | 29            | 20,055              | 18,902        | 38,986                     |
| METALLURGY                                | 0                   | 29            | 41,813              | 42,989        | 84,831                     |
| 9 Pyrites                                 | 0                   | 0             | 0                   | 0             | 0                          |
| 10 Other ores                             | 0                   | 22            | 31,873              | 29,865        | 61,760                     |
| 36 Other metallurgical products           | 0                   | 7             | 9,940               | 13,125        | 23,072                     |
| FERTILISERS                               | 0                   | 21            | 578                 | 439           | 1,038                      |
| 14 Phosphates                             | 0                   | 0             | 0                   | 0             | 0                          |
| 15 Potashes                               | 0                   | 0             | 0                   | 0             | 0                          |
| 16 Natural and artificial fertilisers     | 0                   | 21            | 578                 | 439           | 1,038                      |
| CHEMICALS                                 | 0                   | 276           | 98,467              | 92,904        | 191,647                    |
| 17 Chemical products                      | 0                   | 276           | 98,467              | 92,904        | 191,647                    |
| CONSTRUCTION MATERIALS                    | 0                   | 80            | 101,443             | 95,620        | 197,143                    |
| 5 Asphalt                                 | 0                   | 0             | 147                 | 147           | 294                        |
| 18 Cement and clinker                     | 0                   | 0             | 4,762               | 4,507         | 9,269                      |
| 20 Construction materials                 | 0                   | 80            | 96,534              | 90,967        | 187,581                    |
| AGRICULTURE AND FOOD                      | 271                 | 476           | 352,698             | 352,075       | 705,519                    |
| 21 Grain and flour                        | 0                   | 42            | 8,567               | 8,252         | 16,861                     |
| 22 Soya beans and flour                   | 0                   | 0             | 0                   | 0             | 0                          |
| 23 Fruit vegetables and pulses            | 229                 | 72            | 57,549              | 54,939        | 112,789                    |
| 24 Wines, drinks, alcohol and derivatives | 0                   | 106           | 55,943              | 56,054        | 112,103                    |
| 27 Canned food                            | 0                   | 50            | 37,538              | 31,683        | 69,271                     |
| 28 Tobacco, cocoa, coffee and spices      | 0                   | 0             | 67,281              | 70,784        | 138,065                    |
| 29 Oils and fats                          | 0                   | 17            | 31,399              | 34,711        | 66,127                     |
| 30 Other food products                    | 15                  | 79            | 68,738              | 70,792        | 139,624                    |
| 33 Frozen fish                            | 27                  | 26            | 14,942              | 14,526        | 29,521                     |
| 37 Feedstuffs                             | 0                   | 84            | 10,740              | 10,332        | 21,157                     |
| OTHER CARGO                               | 377                 | 449           | 296,887             | 317,619       | 615,332                    |
| 19 Wood and cork                          | 0                   | 66            | 24,158              | 25,082        | 49,307                     |
| 25 Common salt                            | 0                   | 0             | 884                 | 822           | 1,706                      |
| 26 Paper and pulp                         | 0                   | 11            | 59,855              | 59,805        | 119,671                    |
| 31 Machinery, equipment, tools, spares    | 39                  | 81            | 57,590              | 51,759        | 109,469                    |
| 34 Other cargo                            | 338                 | 291           | 154,400             | 180,150       | 335,179                    |
| SPECIAL TRANSPORTS                        | 464                 | 405           | 231,501             | 219,651       | 452,021                    |
| 32 Automobiles and parts                  | 65                  | 29            | 45,144              | 41,252        | 86,491                     |
| 38 Cargo truck platform tare (Ro-Ro)      | 52                  | 13            | 105                 | 886           | 1,056                      |
| 39 Container tare                         | 347                 | 363           | 186,252             | 177,513       | 364,475                    |
| 40 Cargo in transit container (TIC)       | 0                   | 0             | 0                   | 0             | 0                          |
| TOTAL                                     | 1,112               | 1,765         | 1,153,571           | 1,150,655     | 2,307,102                  |

#### 4.3.8. Roll-on / Roll-off traffic (T)

|                             | Domestic  | Foreign   | Total     |
|-----------------------------|-----------|-----------|-----------|
| Cargo loaded                |           |           |           |
| In containers               | 436,731   | 352,610   | 789,341   |
| By other means              | 1,010,952 | 486,314   | 1,497,266 |
| TOTAL                       | 1,447,682 | 838,924   | 2,286,607 |
| Cargo discharged            |           |           |           |
| In containers               | 105,503   | 129,557   | 235,059   |
| By other means              | 377,261   | 365,114   | 742,375   |
| TOTAL                       | 482,764   | 494,671   | 977,434   |
| Loaded and discharged cargo |           |           |           |
| In containers               | 542,233   | 482,167   | 1,024,400 |
| By other means              | 1,388,213 | 851,428   | 2,239,641 |
| TOTAL                       | 1,930,446 | 1,333,595 | 3,264,041 |



#### 4.4. Local or river traffic (T)

| Wharves                             | Total | Loaded | Discharged |
|-------------------------------------|-------|--------|------------|
| On service wharves or installations | 0     | 0      | 0          |
| On private wharves or installations | 0     | 0      | 0          |
| TOTAL                               | 0     | 0      | 0          |

#### 4.5. Ship supplies

| Ship supplies | Tonnes  |
|---------------|---------|
| Water         | 322,896 |
| Liquid fuels  | 286,727 |
| Coal          | 0       |
| Ice           | 0       |
| Miscellaneous | 0       |
| TOTAL         | 609,623 |

#### 4.6. Fish catches

|                  | Weight (T) | Value at 1st sale (ptas) |
|------------------|------------|--------------------------|
| Molluscs         | 116        | 75,331,201               |
| Crustaceans      | 56         | 192,856,123              |
| Fish             | 4,224      | 1,129,287,838            |
| TOTAL FRESH FISH | 4,396      | 1,397,475,162            |
| Semi-cured cod   | 0          | 0                        |
| Frozen fish      | 0          | 0                        |
| TOTAL FISH       | 4,396      | 1,397,475,162            |

#### 4.7. Container traffic

##### 4.7.1. Containers over 10 and under 20 feet

|                       | Domestic |        | Foreign |        | Total  |        |
|-----------------------|----------|--------|---------|--------|--------|--------|
|                       | Number   | Tonnes | Number  | Tonnes | Number | Tonnes |
| LOADED                |          |        |         |        |        |        |
| Full                  | 0        | 0      | 0       | 0      | 0      | 0      |
| Empty                 | 0        | 0      | 0       | 0      | 0      | 0      |
| TOTAL                 | 0        | 0      | 0       | 0      | 0      | 0      |
| DISCHARGED            |          |        |         |        |        |        |
| Full                  | 0        | 0      | 0       | 0      | 0      | 0      |
| Empty                 | 0        | 0      | 0       | 0      | 0      | 0      |
| TOTAL                 | 0        | 0      | 0       | 0      | 0      | 0      |
| LOADED AND DISCHARGED |          |        |         |        |        |        |
| Full                  | 0        | 0      | 0       | 0      | 0      | 0      |
| Empty                 | 0        | 0      | 0       | 0      | 0      | 0      |
| TOTAL                 | 0        | 0      | 0       | 0      | 0      | 0      |

##### 4.7.2. 20-foot containers

|                       | Domestic |         | Foreign |           | Total   |           |
|-----------------------|----------|---------|---------|-----------|---------|-----------|
|                       | Number   | Tonnes  | Number  | Tonnes    | Number  | Tonnes    |
| LOADED                |          |         |         |           |         |           |
| Full                  | 49,777   | 669,676 | 125,287 | 2,143,385 | 175,064 | 2,813,061 |
| Empty                 | 3,384    | 6,769   | 20,412  | 41,073    | 23,796  | 47,842    |
| TOTAL                 | 53,161   | 676,445 | 145,699 | 2,184,458 | 198,860 | 2,860,903 |
| DISCHARGED            |          |         |         |           |         |           |
| Full                  | 11,787   | 93,080  | 124,017 | 2,049,842 | 135,804 | 2,142,922 |
| Empty                 | 36,631   | 73,415  | 41,136  | 83,222    | 77,767  | 156,637   |
| TOTAL                 | 48,418   | 166,495 | 165,153 | 2,133,064 | 213,571 | 2,299,559 |
| LOADED AND DISCHARGED |          |         |         |           |         |           |
| Full                  | 61,564   | 762,756 | 249,304 | 4,193,226 | 310,868 | 4,955,983 |
| Empty                 | 40,015   | 80,184  | 61,548  | 124,295   | 101,563 | 204,479   |
| TOTAL                 | 101,579  | 842,940 | 310,852 | 4,317,522 | 412,431 | 5,160,461 |

#### 4.7.3. Containers over 20 feet

|                       | Domestic |         | Foreign |           | Total   |           |
|-----------------------|----------|---------|---------|-----------|---------|-----------|
|                       | Number   | Tonnes  | Number  | Tonnes    | Number  | Tonnes    |
| LOADED                |          |         |         |           |         |           |
| Full                  | 36,060   | 676,473 | 104,923 | 1,909,598 | 140,983 | 2,586,071 |
| Empty                 | 2,273    | 8,931   | 23,707  | 91,481    | 25,980  | 100,412   |
| TOTAL                 | 38,333   | 685,404 | 128,630 | 2,001,079 | 166,963 | 2,686,483 |
| DISCHARGED            |          |         |         |           |         |           |
| Full                  | 8,236    | 116,787 | 95,864  | 1,758,175 | 104,099 | 1,874,963 |
| Empty                 | 29,150   | 114,670 | 41,079  | 164,153   | 70,229  | 278,823   |
| TOTAL                 | 37,386   | 231,457 | 136,943 | 1,922,328 | 174,328 | 2,153,786 |
| LOADED AND DISCHARGED |          |         |         |           |         |           |
| Full                  | 44,296   | 793,261 | 200,787 | 3,667,773 | 245,082 | 4,461,034 |
| Empty                 | 31,423   | 123,601 | 64,786  | 255,634   | 96,209  | 379,235   |
| TOTAL                 | 75,719   | 916,861 | 265,573 | 3,923,408 | 341,291 | 4,840,269 |

#### 4.7.4. Total 20 feet containers and over

|                       | Domestic |           | Foreign |           | Total   |            |
|-----------------------|----------|-----------|---------|-----------|---------|------------|
|                       | Number   | Tonnes    | Number  | Tonnes    | Number  | Tonnes     |
| LOADED                |          |           |         |           |         |            |
| Full                  | 85,837   | 1,346,156 | 230,210 | 4,053,008 | 316,047 | 5,399,164  |
| Empty                 | 5,657    | 15,700    | 44,119  | 132,558   | 49,776  | 148,258    |
| TOTAL                 | 91,494   | 1,361,856 | 274,329 | 4,185,566 | 365,823 | 5,547,422  |
| DISCHARGED            |          |           |         |           |         |            |
| Full                  | 20,023   | 209,875   | 219,881 | 3,808,875 | 239,903 | 4,018,751  |
| Empty                 | 65,781   | 188,087   | 82,215  | 247,375   | 147,996 | 435,462    |
| TOTAL                 | 85,804   | 397,962   | 302,096 | 4,056,250 | 387,899 | 4,454,213  |
| LOADED AND DISCHARGED |          |           |         |           |         |            |
| Full                  | 105,860  | 1,556,032 | 450,091 | 7,861,883 | 555,950 | 9,417,915  |
| Empty                 | 71,438   | 203,787   | 126,334 | 379,933   | 197,772 | 583,720    |
| TOTAL                 | 177,298  | 1,759,819 | 576,425 | 8,241,816 | 753,722 | 10,001,635 |

##### 4.7.4.1. 20 foot containers and over in transit

|                       | Domestic |        | Foreign |           | Total   |           |
|-----------------------|----------|--------|---------|-----------|---------|-----------|
|                       | Number   | Tonnes | Number  | Tonnes    | Number  | Tonnes    |
| LOADED                |          |        |         |           |         |           |
| Full                  | 133      | 1,726  | 55,667  | 1,084,545 | 55,800  | 1,086,271 |
| Empty                 | 3        | 9      | 4,894   | 12,971    | 4,897   | 12,980    |
| TOTAL                 | 136      | 1,735  | 60,561  | 1,097,516 | 60,697  | 1,099,251 |
| DISCHARGED            |          |        |         |           |         |           |
| Full                  | 157      | 1,019  | 56,119  | 1,086,195 | 56,276  | 1,087,214 |
| Empty                 | 0        | 0      | 5,841   | 18,882    | 5,841   | 18,882    |
| TOTAL                 | 157      | 1,019  | 61,960  | 1,105,077 | 62,117  | 1,106,096 |
| LOADED AND DISCHARGED |          |        |         |           |         |           |
| Full                  | 290      | 2,745  | 111,786 | 2,170,740 | 112,076 | 2,173,485 |
| Empty                 | 3        | 9      | 10,735  | 31,853    | 10,738  | 31,862    |
| TOTAL                 | 293      | 2,754  | 122,521 | 2,202,593 | 122,814 | 2,205,347 |

#### 4.7.5. Total T.E.U. containers

|                       | Domestic |           | Foreign |           | Total     |            |
|-----------------------|----------|-----------|---------|-----------|-----------|------------|
|                       | Number   | Tonnes    | Number  | Tonnes    | Number    | Tonnes     |
| LOADED                |          |           |         |           |           |            |
| Full                  | 121,897  | 1,346,156 | 335,133 | 4,053,008 | 457,030   | 5,399,164  |
| Empty                 | 7,930    | 15,700    | 67,826  | 132,558   | 75,756    | 148,258    |
| TOTAL                 | 129,827  | 1,361,856 | 402,959 | 4,185,566 | 532,786   | 5,547,422  |
| DISCHARGED            |          |           |         |           |           |            |
| Full                  | 28,258   | 209,875   | 315,844 | 3,808,875 | 344,102   | 4,018,751  |
| Empty                 | 94,931   | 188,087   | 123,294 | 247,375   | 218,225   | 435,462    |
| TOTAL                 | 123,189  | 397,962   | 439,138 | 4,056,250 | 562,327   | 4,454,213  |
| LOADED AND DISCHARGED |          |           |         |           |           |            |
| Full                  | 150,155  | 1,556,032 | 650,977 | 7,861,883 | 801,132   | 9,417,915  |
| Empty                 | 102,861  | 203,787   | 191,120 | 379,933   | 293,981   | 583,720    |
| TOTAL                 | 253,016  | 1,759,819 | 842,097 | 8,241,816 | 1,095,113 | 10,001,635 |

#### 4.7.5.1. Total T.E.U. containers in transit

|                              | Domestic   |              | Foreign        |                  | Total          |                  |
|------------------------------|------------|--------------|----------------|------------------|----------------|------------------|
|                              | Number     | Tonnes       | Number         | Tonnes           | Number         | Tonnes           |
| <b>LOADED</b>                |            |              |                |                  |                |                  |
| Full                         | 178        | 1,726        | 81,129         | 1,084,545        | 81,307         | 1,086,271        |
| Empty                        | 6          | 9            | 7,807          | 12,971           | 7,813          | 12,980           |
| <b>TOTAL</b>                 | <b>184</b> | <b>1,735</b> | <b>88,936</b>  | <b>1,097,516</b> | <b>89,120</b>  | <b>1,099,251</b> |
| <b>DISCHARGED</b>            |            |              |                |                  |                |                  |
| Full                         | 168        | 1,019        | 81,633         | 1,086,195        | 81,801         | 1,087,214        |
| Empty                        |            |              | 9,454          | 18,882           | 9,454          | 18,882           |
| <b>TOTAL</b>                 | <b>168</b> | <b>1,019</b> | <b>91,087</b>  | <b>1,105,077</b> | <b>91,255</b>  | <b>1,106,096</b> |
| <b>LOADED AND DISCHARGED</b> |            |              |                |                  |                |                  |
| Full                         | 346        | 2,745        | 162,762        | 2,170,740        | 163,108        | 2,173,485        |
| Empty                        | 6          | 9            | 17,261         | 31,853           | 17,267         | 31,862           |
| <b>TOTAL</b>                 | <b>352</b> | <b>2,754</b> | <b>180,023</b> | <b>2,202,593</b> | <b>180,375</b> | <b>2,205,347</b> |

#### 4.7.6. Goods transported in containers classified by type (T)

| Cod Goods                                 | Domestic         |                |                  | Foreign          |                  |                  | Total            |                  |                   |
|---|------------------|----------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
|   | Loaded           | Discharged     | Total            | Loaded           | Discharged       | Total            | Loaded           | Discharged       | Total             |
| ENERGY                                    | 14,080           | 31             | 14,111           | 21,207           | 17,425           | 38,632           | 35,287           | 17,456           | 52,743            |
| 1 Crude-oil                               |                  | 5              | 5                | 389              | 568              | 957              | 389              | 573              | 962               |
| 2 Fuel-oil                                | 14               |                | 14               | 318              | 118              | 436              | 332              | 118              | 450               |
| 3 Gas-oil                                 | 2                |                | 2                | 1                |                  | 1                | 3                | 0                | 3                 |
| 4 Petrol                                  | 288              |                | 288              | 8                | 21               | 29               | 296              | 21               | 317               |
| 6 Other petroleum products                | 5,673            | 23             | 5,696            | 17,574           | 10,336           | 27,910           | 23,246           | 10,359           | 33,605            |
| 7 Petroleum fuel gases                    | 7,167            | 2              | 7,170            | 1,068            | 716              | 1,784            | 8,235            | 719              | 8,954             |
| 35 Natural gas                            | 15               | 0              | 15               | 0                | 0                | 0                | 15               | 0                | 15                |
| 12 Petroleum coals and coke               | 921              |                | 921              | 1,850            | 5,666            | 7,516            | 2,771            | 5,666            | 8,437             |
| IRON AND STEEL                            | 45,668           | 35,140         | 80,808           | 82,442           | 83,548           | 165,990          | 128,110          | 118,687          | 246,798           |
| 8 Iron ore                                | 339              |                | 339              | 114              | 189              | 303              | 453              | 189              | 642               |
| 11 Scrap iron                             | 0                | 34,889         | 34,889           | 1,253            | 1,148            | 2,401            | 1,253            | 36,037           | 37,290            |
| 13 Iron and steel products                | 45,329           | 251            | 45,580           | 81,075           | 82,211           | 163,287          | 126,405          | 82,462           | 208,867           |
| METALLURGY                                | 22,618           | 2,050          | 24,668           | 145,896          | 121,101          | 266,997          | 168,513          | 123,151          | 291,665           |
| 9 Pyrites                                 |                  |                | 0                | 29               |                  | 29               | 29               | 0                | 29                |
| 10 Other ores                             | 19,459           | 1,981          | 21,440           | 109,571          | 85,824           | 195,394          | 129,030          | 87,804           | 216,834           |
| 36 Other metallurgical products           | 3,158            | 70             | 3,228            | 36,296           | 35,277           | 71,574           | 39,455           | 35,347           | 74,802            |
| FERTILISERS                               | 4,486            | 76             | 4,563            | 5,916            | 6,457            | 12,373           | 10,403           | 6,533            | 16,936            |
| 14 Phosphates                             | 9                |                | 9                | 49               | 129              | 178              | 58               | 129              | 187               |
| 15 Potashes                               |                  |                | 0                | 642              | 480              | 1,122            | 642              | 480              | 1,122             |
| 16 Natural and artificial fertilisers     | 4,478            | 76             | 4,554            | 5,225            | 5,848            | 11,073           | 9,703            | 5,924            | 15,628            |
| CHEMICALS                                 | 167,012          | 1,561          | 168,573          | 811,144          | 465,794          | 1,276,938        | 978,156          | 467,355          | 1,445,511         |
| 17 Chemical products                      | 167,012          | 1,561          | 168,573          | 811,144          | 465,794          | 1,276,938        | 978,156          | 467,355          | 1,445,511         |
| CONSTRUCTION MATERIALS                    | 113,584          | 739            | 114,323          | 319,665          | 171,355          | 491,020          | 433,249          | 172,094          | 605,342           |
| 5 Asphalt                                 |                  |                | 0                | 172              | 147              | 319              | 172              | 147              | 319               |
| 18 Cement and clinker                     | 34,772           | 23             | 34,795           | 7,895            | 4,783            | 12,678           | 42,667           | 4,806            | 47,474            |
| 20 Construction materials                 | 78,811           | 716            | 79,527           | 311,598          | 166,424          | 478,023          | 390,410          | 167,140          | 557,550           |
| AGRICULTURE AND FOOD                      | 456,712          | 71,536         | 528,249          | 724,975          | 813,872          | 1,538,847        | 1,181,687        | 885,409          | 2,067,096         |
| 21 Grain and flour                        | 33,934           | 196            | 34,130           | 17,007           | 12,477           | 29,484           | 50,940           | 12,674           | 63,614            |
| 22 Soya beans and flour                   | 87               | 32             | 119              | 29               | 461              | 491              | 117              | 493              | 610               |
| 23 Fruit vegetables and pulses            | 13,453           | 51,080         | 64,533           | 66,826           | 95,248           | 162,074          | 80,279           | 146,328          | 226,606           |
| 24 Wines, drinks, alcohol and derivatives | 171,463          | 9,250          | 180,713          | 169,664          | 97,105           | 266,769          | 341,127          | 106,354          | 447,482           |
| 27 Canned food                            | 14,153           | 320            | 14,473           | 55,034           | 64,363           | 119,397          | 69,187           | 64,683           | 133,870           |
| 28 Tobacco, cocoa, coffee and spices      | 8,264            | 1,977          | 10,241           | 100,693          | 289,141          | 389,834          | 108,957          | 291,118          | 400,075           |
| 29 Oils and fats                          | 9,960            | 710            | 10,670           | 62,273           | 30,759           | 93,032           | 72,233           | 31,469           | 103,703           |
| 30 Other food products                    | 113,305          | 3,884          | 117,189          | 167,469          | 137,041          | 304,509          | 280,774          | 140,924          | 421,698           |
| 33 Frozen fish                            | 803              | 3,261          | 4,064            | 14,900           | 46,734           | 61,635           | 15,703           | 49,996           | 65,699            |
| 37 Feedstuffs                             | 91,290           | 827            | 92,116           | 71,081           | 40,542           | 111,624          | 162,371          | 41,369           | 203,740           |
| OTHER CARGO                               | 271,614          | 41,838         | 313,453          | 1,141,660        | 1,397,439        | 2,539,099        | 1,413,275        | 1,439,278        | 2,852,552         |
| 19 Wood and cork                          | 10,836           | 143            | 10,979           | 46,714           | 42,570           | 89,284           | 57,550           | 42,712           | 100,262           |
| 25 Common salt                            | 1,474            | 3              | 1,477            | 2,047            | 1,251            | 3,298            | 3,521            | 1,253            | 4,775             |
| 26 Paper and pulp                         | 20,917           | 6,329          | 27,247           | 284,073          | 178,074          | 462,147          | 304,990          | 184,403          | 489,393           |
| 31 Machinery, equipment, tools, spares    | 57,742           | 2,722          | 60,464           | 300,497          | 295,972          | 596,469          | 358,238          | 298,694          | 656,933           |
| 34 Other cargo                            | 180,645          | 32,642         | 213,287          | 508,330          | 879,573          | 1,387,902        | 688,975          | 912,215          | 1,601,189         |
| SPECIAL TRANSPORTS                        | 266,082          | 244,991        | 511,072          | 932,659          | 979,260          | 1,911,919        | 1,198,741        | 1,224,251        | 2,422,992         |
| 32 Automobiles and parts                  | 5,249            | 453            | 5,702            | 127,470          | 93,375           | 220,844          | 132,719          | 93,828           | 226,546           |
| 38 Cargo truck platform tare (Ro-Ro)      | 389              | 14             | 403              | 1,256            | 114              | 1,370            | 1,645            | 128              | 1,773             |
| 39 Container tare                         | 260,444          | 244,524        | 504,968          | 803,933          | 885,771          | 1,689,704        | 1,064,377        | 1,130,295        | 2,194,672         |
| 40 Cargo in transit container (TIC)       | 0                | 0              | 0                | 0                | 0                | 0                | 0                | 0                | 0                 |
| <b>TOTAL</b>                              | <b>1,361,856</b> | <b>397,963</b> | <b>1,759,818</b> | <b>4,185,566</b> | <b>4,056,251</b> | <b>8,241,816</b> | <b>5,547,421</b> | <b>4,454,213</b> | <b>10,001,635</b> |

## 4.8. General summary of maritime traffic

### 4.8.1. General table number 1

| Items              | Tonnes     |            |
|--------------------|------------|------------|
|                    | Partial    | Total      |
| LIQUID BULK        |            | 7,238,423  |
| Petroleum products | 5,999,327  |            |
| Other liquids      | 1,239,096  |            |
| SOLID BULK         | 4,406,605  | 4,406,605  |
| GENERAL CARGO      | 13,080,089 | 13,080,089 |
| LOCAL TRAFFIC      | 0          | 0          |
| SHIP SUPPLIES      |            | 609,623    |
| Petroleum products | 286,727    |            |
| Other              | 322,896    |            |
| FISHING            | 4,396      | 4,396      |
| TOTAL              | 25,339,136 | 25,339,136 |

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

| Items             | Tonnes     |
|-------------------|------------|
| Cargo loaded      | 9,682,560  |
| Cargo unloaded    | 15,656,576 |
| Cargo transhipped | 0          |
| TOTAL             | 25,339,136 |

### 4.8.3. General table number 3

| Items                              | Tonnes     |            |
|------------------------------------|------------|------------|
|                                    | Partial    | Total      |
| FOREIGN TRADE                      |            | 19,780,443 |
| Import                             | 13,632,130 |            |
| Export                             | 6,148,313  |            |
| Transshipment                      | 0          |            |
| DOMESTIC TRADE                     | 4,944,674  | 4,944,674  |
| FISHING SUPPLIES AND LOCAL TRAFFIC | 614,019    | 614,019    |
| TOTAL                              | 25,339,136 | 25,339,136 |

### 4.8.4. General table number 4

| Items                  | Tonnes     |
|------------------------|------------|
| Petroleum products (1) | 6,286,054  |
| Solid bulk             | 4,406,605  |
| General cargo          | 13,080,089 |
| Other (2)              | 1,566,388  |
| TOTAL                  | 25,339,136 |

(1) Includes petroleum product supplying.

(2) Covers non-petroleum liquid bulk, local traffic and non-petroleum supplies.

### 4.8.5. General table number 5

| Type of traffic        | Tonnes     |           |            |             |
|------------------------|------------|-----------|------------|-------------|
|                        | Total      | Loaded    | Unloaded   | Transhipped |
| Domestic and foreign   | 24,725,117 | 9,072,937 | 15,652,180 | 0           |
| Local or river traffic | 0          | 0         | 0          | 0           |
| Supplies               | 609,623    | 609,623   | 0          | 0           |
| Fishing                | 4,396      | 0         | 4,396      | 0           |
| TOTAL                  | 25,339,136 | 9,682,560 | 15,656,576 | 0           |

#### 4.9. Land traffic

| Transport means for entry or exit from the port service area | Tonnes     |                        |                  |
|--|------------|------------------------|------------------|
|  | Total      | Discharged from vessel | Loaded on vessel |
| Rail   | 722,248    | 235,344                | 486,904          |
| Road   | 18,354,205 | 10,933,503             | 7,420,702        |
| Oil pipeline   | 3,341,562  | 3,328,650              | 12,912           |
| Other means  | 0          | 0                      | 0                |
| Subtotal   | 22,418,015 | 14,497,497             | 7,920,518        |
| No land transport  | 2,307,102  | 1,154,683              | 1,152,419        |
| TOTAL  | 24,725,117 | 15,652,180             | 9,072,937        |



## 5. Use of the port

This chapter describes the activity at the Port of Barcelona during 1998 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 discharged on each wharf, the number of vessels entering dry dock and their tonnage, and the sum of the lengths of all the vessels berthing at the port in 1998.

## 5.0. Use of wharves

| Wharf or berth                    | Loading   | Unloading | Total     |
|-----------------------------------|-----------|-----------|-----------|
| ADOSSAT B - 01B                   | 0         | 68,421    | 68,421    |
| Solid bulk                        | 0         | 68,421    | 68,421    |
| ADOSSAT C - 01C                   | 11,582    | 860       | 12,442    |
| General cargo                     | 11,582    | 860       | 12,442    |
| ADOSSAT D - 01D                   | 187,861   | 67,078    | 254,939   |
| Liquid bulk                       | 0         | 47        | 47        |
| General cargo                     | 187,861   | 67,031    | 254,892   |
| ADOSSAT E - 01E                   | 16,463    | 5,278     | 21,742    |
| Liquid bulk                       | 220       | 0         | 220       |
| General cargo                     | 16,243    | 5,278     | 21,522    |
| ÁLVAREZ DE LA CAMPA B - 26B       | 692,669   | 1,043,326 | 1,735,995 |
| Liquid bulk                       | 66,563    | 0         | 66,563    |
| Solid bulk                        | 105,117   | 884,274   | 989,391   |
| General cargo                     | 520,989   | 159,053   | 680,042   |
| ÁLVAREZ DE LA CAMPA (RO-RO) - 26A | 334,807   | 91,336    | 426,142   |
| Liquid bulk                       | 20        | 0         | 20        |
| General cargo                     | 334,786   | 91,336    | 426,122   |
| BARCELONA (NORTH) - 18A           | 94,316    | 38,897    | 133,213   |
| General cargo                     | 94,316    | 38,897    | 133,213   |
| BARCELONA (SOUTH) - 18C           | 100,031   | 39,879    | 139,910   |
| General cargo                     | 100,031   | 39,879    | 139,910   |
| CONTRADIC (EAST) - 22B            | 0         | 1,098,704 | 1,098,704 |
| Solid bulk                        | 0         | 1,098,703 | 1,098,703 |
| General cargo                     | 0         | 1         | 1         |
| CONTRADIC (NORTH) - 22A           | 259,557   | 11,959    | 271,517   |
| Liquid bulk                       | 106,123   | 5,756     | 111,879   |
| Solid bulk                        | 152,295   | 6,204     | 158,499   |
| General cargo                     | 1,140     | 0         | 1,140     |
| CONTRADIC (SOUTH) - 22C           | 1,410,027 | 400,545   | 1,810,572 |
| Liquid bulk                       | 50,059    | 34,084    | 84,143    |
| Solid bulk                        | 1,359,788 | 360,025   | 1,719,813 |
| General cargo                     | 179       | 6,437     | 6,616     |
| COSTA - 21A                       | 31,388    | 585,918   | 617,306   |
| Liquid bulk                       | 0         | 3,886     | 3,886     |
| Solid bulk                        | 0         | 243,074   | 243,074   |
| General cargo                     | 31,388    | 338,958   | 370,346   |
| DÀRSENA INTERIOR A - 31A          | 151,013   | 100,282   | 251,296   |
| General cargo                     | 151,013   | 100,282   | 251,296   |
| DÀRSENA INTERIOR B - 31B          | 36,239    | 10,579    | 46,817    |
| General cargo                     | 36,239    | 10,579    | 46,817    |
| DÀRSENA SUD A - 30A               | 83,179    | 53,782    | 136,960   |
| Liquid bulk                       | 0         | 14,059    | 14,059    |
| General cargo                     | 83,179    | 39,723    | 122,902   |
| DÀRSENA SUD B - 30B               | 58,116    | 91,855    | 149,971   |
| Sòlids a granel                   |           | 0         | 0         |
| General cargo                     | 58,116    | 91,855    | 149,971   |
| DÀRSENA SUD C - 30C               | 72,829    | 73,292    | 146,122   |
| General cargo                     | 72,829    | 73,292    | 146,122   |
| EVARISTO FERNÁNDEZ EAST - 28A     | 347,883   | 121,055   | 468,938   |
| General cargo                     | 347,883   | 121,055   | 468,938   |
| EVARISTO FERNÁNDEZ WEST - 28B     | 24,342    | 9,639     | 33,981    |
| General cargo                     | 24,342    | 9,639     | 33,981    |
| INFLAMABLES A - 32A               | 1         | 1,527,733 | 1,527,734 |
| Liquid bulk                       | 0         | 1,527,733 | 1,527,733 |
| General cargo                     | 1         | 0         | 1         |
| INFLAMABLES B - 32B               | 630       | 131,937   | 132,567   |
| Liquid bulk                       | 630       | 131,937   | 132,567   |
| INFLAMABLES C - 32C               | 4,877     | 131,036   | 135,912   |
| Liquid bulk                       | 4,877     | 131,036   | 135,912   |
| INFLAMABLES D - 32D               | 197       | 402,239   | 402,436   |
| Liquid bulk                       | 197       | 402,233   | 402,430   |
| General cargo                     | 0         | 6         | 6         |
| INFLAMABLES E - 32E               | 5,313     | 285,787   | 291,099   |
| Liquid bulk                       | 5,313     | 285,786   | 291,099   |
| General cargo                     | 0         | 1         | 1         |
| INFLAMABLES F - 32F               | 3,500     | 91,820    | 95,319    |
| Liquid bulk                       | 3,500     | 91,819    | 95,318    |
| General cargo                     | 0         | 1         | 1         |
| INFLAMABLES H - 32H               | 0         | 3,328,594 | 3,328,594 |

| Wharf or berth                | Loading   | Unloading  | Total      |
|-------------------------------|-----------|------------|------------|
| Liquid bulk                   | 0         | 3,328,560  | 3,328,560  |
| General cargo                 | 0         | 35         | 35         |
| LEPANT A - 27A                | 138,573   | 43,537     | 182,110    |
| General cargo                 | 138,573   | 43,537     | 182,110    |
| LEPANT B - 27B                | 201,074   | 48,990     | 250,064    |
| Liquid bulk                   | 0         | 0          | 0          |
| General cargo                 | 201,074   | 48,990     | 250,064    |
| LEPANT C - 27C                | 1,929     | 683        | 2,612      |
| General cargo                 | 1,929     | 683        | 2,612      |
| LLEVANT A - 02A               | 7,940     | 279        | 8,220      |
| General cargo                 | 7,940     | 279        | 8,220      |
| OEST - 23A                    | 69,397    | 104,721    | 174,117    |
| Liquid bulk                   | 45,601    | 0          | 45,601     |
| Solid bulk                    | 23,796    | 102,309    | 126,104    |
| General cargo                 | 0         | 2,412      | 2,412      |
| PANTALÀ (PLTF. 2 NORTH) - 25B | 0         | 81,036     | 81,036     |
| Liquid bulk                   | 0         | 81,036     | 81,036     |
| PANTALÀ (PLTF. 2 SOUTH) - 25E | 0         | 256,910    | 256,910    |
| Liquid bulk                   | 0         | 256,910    | 256,910    |
| PANTALÀ (PLTF. 3 NORTH) - 25C | 6,649     | 400,966    | 407,614    |
| Liquid bulk                   | 6,649     | 400,966    | 407,614    |
| PANTALÀ (PLTF. 3 SOUTH) - 25D | 0         | 209,606    | 209,606    |
| Liquid bulk                   | 0         | 209,606    | 209,606    |
| PONENT (EAST) - 20C           | 20,765    | 48,945     | 69,709     |
| General cargo                 | 20,765    | 48,945     | 69,709     |
| PONENT (NORTH) - 20A          | 93,529    | 92,233     | 185,763    |
| Solid bulk                    | 2,250     | 350        | 2,600      |
| General cargo                 | 91,279    | 91,884     | 183,163    |
| PONENT (NORTH-TESTERA) - 20B  | 0         | 1,011      | 1,011      |
| General cargo                 | 0         | 1,011      | 1,011      |
| PONENT (SOUTH) - 20D          | 59,526    | 277,782    | 337,308    |
| Liquid bulk                   | 2,876     | 13,226     | 16,103     |
| General cargo                 | 56,649    | 264,555    | 321,205    |
| PRÍNCEP D'ESPANYA - 29A       | 1,238,760 | 991,151    | 2,229,911  |
| Liquid bulk                   | 0         | 27,071     | 27,071     |
| Solid bulk                    | 0         | 0          | 0          |
| General cargo                 | 1,238,760 | 964,081    | 2,202,841  |
| SANT BERTRAN - 19A            | 366,121   | 215,157    | 581,278    |
| General cargo                 | 366,121   | 215,157    | 581,278    |
| SUD (EAST) - 24B              | 2,316,571 | 2,581,924  | 4,898,495  |
| Liquid bulk                   | 25        | 0          | 25         |
| General cargo                 | 2,316,546 | 2,581,924  | 4,898,470  |
| SUD (NORTH) - 24A             | 625,284   | 485,417    | 1,110,701  |
| Liquid bulk                   | 21        | 0          | 21         |
| General cargo                 | 625,263   | 485,417    | 1,110,680  |
| TOTAL                         | 9,072,937 | 15,652,180 | 24,725,117 |



## 5.1. Basins

|                                |   |
|--------------------------------|---|
| Number of anchored vessels     | 0 |
| G.T. of ships anchored         | 0 |
| G.T. per day of ships anchored | 0 |

## 5.2. Pointed mooring

|                              |           |
|------------------------------|-----------|
| Number of ships moored       | 332       |
| G.T. of ships moored         | 1,594,028 |
| G.T. per day of ships moored | -         |

## 5.3. Berths

|   |           |
|---|-----------|
| Number of ships berthed                       | 7,880     |
| Linear metres of berths (sum of ship lengths) | 1,072,634 |
| Linear metres per day of berthing             | -         |

## 5.4. Area utilisation (T/day)

| Areas                 | Covered | Uncovered | Total     |
|-----------------------|---------|-----------|-----------|
| Wharf area and others | 246,899 | 2,844,404 | 3,091,303 |
| TOTAL                 | 246,899 | 2,844,404 | 3,091,303 |

## 5.5. Mechanical shore equipment

### 5.5.1. Cranes

| Cranes                        | With hook or bucket |        |
|-------------------------------|---------------------|--------|
|                               | Hours               | Tonnes |
| FIXED OR ON RAILS             |                     |        |
| Vessel loading or discharging | 3,791               | -      |
| Moving or lifting             | -                   | -      |
| TOTAL                         | 3,791               | -      |
| ON TYRES                      |                     |        |
| Vessel loading or discharging | -                   | -      |
| Moving or lifting             | 0                   | 0      |
| TOTAL                         | 0                   | 0      |

### 5.5.2. Special facilities

| Facilities                             | Hours | Tonnes     |
|--|-------|------------|
| ENAGAS S.A.                            | -     | 3,297,822  |
| PORTCEMEN S.A.                         | -     | 1,353,338  |
| CATALANA ALMACENAJES PETROLÍFEROS      | -     | 1,163,720  |
| CÍA. LOGÍSTICA DE HIDROCARBUROS S.A.   | -     | 987,149    |
| ERGRANSA S.A.                          | -     | 978,188    |
| CARGILL ESPAÑA S.A.                    | -     | 916,580    |
| TERMINALES PORTUARIAS S.A.             | -     | 853,279    |
| RECEPTORA DE LÍQUIDOS                  | -     | 359,844    |
| TERMINAL CATALUNYA S.A.                | -     | 176,363    |
| S.A. PARA LA DESCARGA DE ACEITES       | -     | 132,206    |
| MOYRESA MOLTURACIÓN Y REFINO S.A.      | -     | 128,167    |
| CIA VALENCIANA DE CEMENTOS PORTLAND    | -     | 111,969    |
| COMERCIALIZADORA MEDITERRANEA CEMENTOS | -     | 68,421     |
| VAN OMMEREN TANK TERMINAL BARNA S.A.   | -     | 58,426     |
| PROQUÍMICA S.A.                        | -     | 50,767     |
| COMA Y RIBAS S.L.                      | -     | 37,978     |
| LOIRET AND HAENTJENS ESPAÑA, S.A.      | -     | 34,084     |
| COMPANÍA TRASMEDITERRANEA S.A.         | -     | 32,688     |
| TERMINAL CONTENEDORES DE BARNA. S.A.   | -     | 30,784     |
| TRÁFICO DE MERCANCÍAS S.A.             | -     | 28,413     |
| TERMINALES QUÍMICOS S.A.               | -     | 26,280     |
| DEMAGRISA                              | -     | 19,989     |
| CEMENTOS DEL MAR                       | -     | 15,851     |
| ERSHIP S.A.                            | -     | 15,838     |
| OLESTOCK S.A.                          | -     | 15,000     |
| H.JOSÉ M. MASQUES S.A.                 | -     | 5,622      |
| TERMINAL PORT-NOU S.A.                 | -     | 749        |
| SAPORT-MAPOR S.A.                      | -     | 47         |
| ESTIBADORA DE PONENT,SA                | -     | 20         |
| TOTAL                                  | -     | 10,899,582 |

5.6. Conveyor trucks

Hours.-

5.7. Conveyor belts

Hours.-

5.8. Mechanical shovels

Hours.-

5.9. Railways shunting, locomotives

Hours.-

5.10. Wagons

Hours.-

5.11. Trucks

Hours.-

5.12. Weighbridges

Number of weighings  
Tonnes.-

5.13. Floating cranes

Services  
Number of hours.-

5.14. Tugboats

Services  
Number of hours.-

5.15. Slipways

Number of services.-

5.16. Floating dock

Number of vessels 15  
G.T. 39,703

5.17. Barges

Services  
Number of hours.-

5.18. Dry dock

Number of vessels 35  
G.T. 414,673



## 6. Construction works

In this chapter includes the investments in construction works that were partially or completely executed in 1998 by the Autoritat Portuària de Barcelona are summarised on the following pages. A description of each of the main projects is included.

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

| Budget Application | Budget Ref. | Name of project   | Approved liquid budget | Certified at source | Certified during the year | Status      |
|--------------------|-------------|---|------------------------|---------------------|---------------------------|-------------|
| Art 1.2            | 72.12.04    | MODIFIED EXTENSION OF INFLAMMABLES WHARF ROCK PILE  | 2,239,868,708          | 951,290,109         | 951,290,109               | In progress |
| Art 1.2            | 72.22.01    | CONSTRUCTION OF BRIDGE BETWEEN THE PONENT WHARF AND THE ADOSSAT WHARF                               | 2,198,762,411          | 200,000,000         | 200,000,000               | In progress |
| Art 1.2            | 72.13.06    | EXTENSION OF PONENT WHARF HEADWALL. PHASE 2   | 123,657,768            | 120,000,000         | 120,000,000               | In progress |
| Art 1.2            | 72.23.10    | YARD NEXT TO THE CAMPSA JETTY   | 169,063,781            | 50,000,000          | 50,000,000                | In progress |
| Art 1.2            | 72.13.03    | ENLARGING OF A RO-RO BERTH ON THE ADOSSAT WHARF   | 83,237,472             | 30,000,000          | 30,000,000                | In progress |
| Art 1.2            | 72.14.04    | ENLARGING OF THE ADOSSAT WHARF. PHASE 1   | 2,486,702,138          | 436,000,000         | 436,000,000               | In progress |
| Art 1.2            | 72.39.11    | COVERING THE SPORTS FIELDS  | 117,658,905            | 30,000,000          | 30,000,000                | In progress |
| Art 1.2            | 72.23.13    | RENOVATION OF PAVEMENTS AND TERRACES OF STREETS 7 AND 8 OF THE PORT                                 | 30,940,678             | 30,000,000          | 30,000,000                | In progress |
| Art 1.2            | 72.12.05    | REINFORCEMENT OF THE BREAKWATER NEXT TO THE PORTA-COELI   | 57,391,248             | 50,000,000          | 50,000,000                | In progress |
| Art 1.2            | 72.23.13    | ROAD LAYING NEXT TO THE LLOBREGAT LIGHTHOUSE  | 104,582,614            | 80,000,000          | 80,000,000                | In progress |
| Art 1.2            | 72.31.01    | CONSTRUCTION OF TWO SHEDS ON THE DÀRSENA SUD  | 165,630,119            | 60,000,000          | 60,000,000                | In progress |
| Art 1.2            | 72.39.12    | RESTORING OF FAÇADES AND COMMON AREAS OF THE DÀRSENA SUD  | 92,450,000             | 50,000,000          | 50,000,000                | In progress |
| Art 1.2            | 72.19.01    | OPENING OF THE NEW ENTRANCE MOUTH   | 4,646,643,423          | 30,000,000          | 30,000,000                | In progress |
| Art 1.2            | 72.39.13    | PASSENGER TERMINALS ON THE BARCELONA WHARF  | 589,000,000            | 300,000,000         | 300,000,000               | In progress |
| Art 1.2            | 72.14.03    | MODIFICATION OF THE WHARF ON THE NOU CONTRADIC  | 680,030,195            | 680,030,195         | 180,030,195               | Completed   |
| Art 1.2            | 72.39.10    | RESTORING OF FAÇADES OF THE PORTAL DE LA PAU BUILDING   | 175,000,000            | 80,000,000          | 95,000,000                | Completed   |
| Art 1.2            | 72.24.06    | CONNECTING FOOTBRIDGE JOINING THE PASSENGER TERMINALS ON BARCELONA WHARF                            | 50,630,000             | 50,630,000          | 15,630,000                | Completed   |
| Art 1.2            | 72.13.04    | EXTENSION OF THE DÀRSENA INTERIOR WHARF   | 228,756,744            | 228,756,744         | 188,756,744               | Completed   |
| Art 1.2            | 72.22.05    | RAILWAY TERMINAL FOR VEHICLES IN SOUTH AREA   | 131,746,933            | 131,746,933         | 69,530,933                | Completed   |
| Art 1.2            | 72.13.05    | EXTENSION OF THE PONENT WHARF HEADWALL - PHASE 1  | 43,600,000             | 43,600,000          | 13,600,000                | Completed   |
| Art 1.2            | 72.23.09    | ENLARGING OF THE LORRY PARK IN THE ZONA SUD   | 41,797,949             | 41,797,949          | 41,797,949                | Completed   |
| Art 1.2            | 72.29.01    | ANTI-POLLUTION SCREEN ON THE CONTRADIC SUD WHARF  | 39,994,639             | 39,994,639          | 39,994,639                | Completed   |
| Art 1.2            | 72.24.06    | AIR CONDITIONING THE PORTAL DE LA PAU BUILDING  | 40,825,000             | 40,825,000          | 40,825,000                | Completed   |
| Art 1.2            | 72.39.10    | REFURBISHING OF THE PASSENGER TERMINAL ON BARCELONA WHARF   | 155,497,334            | 155,497,334         | 155,497,334               | Completed   |
| Art 1.2            | 72.39.13    | REFURBISHING OF A WAREHOUSE AS A PASSENGER TERMINAL   | 97,461,840             | 97,461,840          | 97,461,840                | Completed   |
| Art 1.2            | 72.24.07    | WALKWAY NEXT TO THE TRADE CENTER  | 27,168,950             | 27,168,950          | 27,168,950                | Completed   |
| Art 1.2            | 72.12.05    | ADDITIONAL INVESTMENTS OF THE INFLAMMABLES SEA-LINE   | 96,739,536             | 96,739,536          | 96,739,536                | Completed   |
| Art 1.2            | 72.39.12    | SHIP-YARD PREMISES (Access along the Passeig Joan de Borbó)   | 23,947,397             | 23,947,397          | 8,947,397                 | Completed   |
| Art 1.2            | 72.22.09    | MODIFICATION OF THE REARRANGING OF THE ROADWAYS OF THE PORT VELL                                    | 26,075,622             | 26,075,622          | 26,075,622                | Completed   |
| Art 1.2            | 72.39.13    | INSTALLATION OF PUBLIC SERVICES AND ENLARGING OF THE IRRIGATION NETWORK OF THE BOSCH I ALSINA WHARF | 19,539,419             | 19,539,419          | 19,539,419                | Completed   |
| Payment balances   |             |   |                        |                     | 135,000,000               |             |
| Small-budget works |             |   |                        |                     | 1,036,883,445             |             |
| TOTAL              |             |   |                        |                     | 4,705,769,112             |             |

## 6.2. Summary of the most important works

### MODIFIED EXTENSION OF INFLAMMABLES WHARF ROCK PILE

This involves building up 2,088 m of rock pile made up of a banked mass of concrete blocks of 30 and 50 tonnes, delimiting an area of approximately 69 ha. Over the breakwater there projects an emergent wall of solid concrete of varying height.

Furthermore, we plan to fill 19.8 ha. of this area with earth.

With this building project, for the first time in the Port of Barcelona, the contracting company will take on some of the cost of the work, and in consideration for this will be granted a concession for running 49 hectares for 30 years by the APB (Barcelona Port Authority).

### CONSTRUCTION OF A BRIDGE BETWEEN THE PONENT WHARF AND THE ADOSSAT WHARF

This involves the construction of a bridge that will link the Ponent Wharf and Adossat Wharves, crossing the existing 175 metre high navigation canal.

It has three openings, of which the central opening is mobile, to enable Port vessels to sail through.

The total length is 1,100 m. The platform of the bridge measures 12 m, and includes a central roadway 7 m wide, two pavements of 1.05 m and two platforms measuring 1 m each and, finally, the access ramps with a gradient of 6,5%.

#### **EXTENSION OF PONENT WHARF HEADWALL. PHASE 2**

This involves the building of submerged closed concrete joins between the 4 caissons already sunk at the start of the project, the filling with rock pile of the core delimited by the inner line of the caissons, their superstructure and the paving of the whole surface, thus creating a yard of 55 m berthing line by 30 m deep, with a total surface of 1,650 m<sup>2</sup>.

#### **YARD NEXT TO THE CAMPSA JETTY**

This comprises the building of a yard with a surface area of 12,678 m<sup>2</sup>, delimited by a breakwater of up to 500 kilograms, which furthermore includes the extension of an existing overflow and is made up of two openings of 2.50 x 1.80 m each.

#### **ENLARGING OF A RO-RO BERTH ON THE ADOSSAT WHARF**

This involves enlarging the existing Ro-Ro berth on the Adossat Wharf, which will go from the current 21.00 x 31.00 m to the 29.00 x 39.50 m necessary, using reinforced concrete posts.

#### **ENLARGING OF THE ADOSSAT WHARF. PHASE 1**

This comprises the construction of a quay of 700 m wharfside, including a double Ro-Ro berth, with a 16 m draught made up of thirty 25 m long and 19 m wide and 17 m deep reinforced concrete caissons, and the filling of a yard with a surface of 12.50 hectares.

#### **COVERING THE SPORTS FIELD**

This involves the enlarging, covering and closing of the APB sports field with a spatial structure, covering even the installations, services and equipment (3,342 m<sup>2</sup>).

#### **RENOVATION OF PAVEMENTS AND TERRACES OF STREETS 7 AND 8 OF THE PORT**

This involves the enlarging of a yard for cars of approximately 10,200 m<sup>2</sup> and the paving of the walkways of streets 7 and 8 of the Port.

It also includes the separation wall between the terrace and the pavements, using a fence 2.2 m high and 420 m long.

#### **REINFORCEMENT OF THE BREAKWATER NEXT TO THE PORTA-COELI**

This comprises the restoration of the areas affected by the latest storms:

- On the East Dike, next to the Porta-Coeli, breakwater extension of 2,00 / 3,00 T in an internal layer, and subsequent placing of solid concrete blocks weighing 28 T.
- On the Adossat Wharf, extension and placing of a 6,00 / 8,00 T breakwater to protect the pilots' wharf.

#### **ROAD LAYING NEXT TO THE LLOBREGAT LIGHTHOUSE**

This comprises the building of 610 m. l. of roads with a total width of 14 m (8 m of road surface and 3 m of walkway on each side), and of others 273 m. l. with a total width of 21 m (15 m of road surface and 3 m of walkway on each side).

#### **CONSTRUCTION OF TWO SHEDS ON THE DÀRSENA SUD**

This comprises the drawing up of the project and the building of two sheds measuring 33x120 m. l. each, situated on the Darsena Sud of the Port.

#### **RESTORING OF FAÇADES AND COMMON AREAS OF THE TERSACO BUILDING**

This consists of the restoring of concrete façades, the replacing of metal Mondragon type windows with lacquered aluminium windows and frames and the adaptation of the access and the common areas (hall, stairways, services centres, covered area, fire protection, etc...)

#### **OPENING OF THE NEW ENTRANCE MOUTH**

This comprises the construction of a sheltering dike 1,330 metres long parallel to the current breakwater and made up of solid concrete blocks of up to 60 T stacked up against one another in successive layers of rock pile. We also envisage the building of two small breakwaters and the opening of a canal 90 metres wide with a draught of 9 metres.

#### **PASSENGER TERMINALS ON THE BARCELONA WHARF**

This comprises the building of two passenger terminals at the TRADE CENTER building. They have four floors (semi-basement, ground floor, mezzanine and first floor).

Passengers come in and go out on the ground floor, on the same level as the buildings. The entry circuit goes from the hall with the ticket windows and the conveyor belt taking the luggage to the basement. The first floor holds the waiting room, the cafeteria and the information centre.

#### **MODIFICATION OF THE WHARF ON THE NOU CONTRADIC**

This comprises the construction of a wharf built from six reinforced concrete caissons, with a berthing line of 150 m. l. and 14 m draught, and a yard of 6,500 m<sup>2</sup> up against the wharf, with the corresponding water and electricity networks.

This includes four posts for the methane container berths, made of reinforced concrete.

#### **RESTORING OF FAÇADES OF THE PORTAL DE LA PAU BUILDING**

The project involves various operations designed to conserve and improve the current conditions of the building:

- Cleaning of the approximately 2.800 m<sup>2</sup> of façades using non-aggressive techniques in order to eliminate the adhered elements reveal defective areas.
- Securely fastening architectural elements such as ornaments, friezes, cornices, coats of arms, etc. in order to fix them and guarantee their safety.
- Replacing, cleaning and restoration of ornamental sculptures.
- Treatment and restoration of façades in order to return them to their original condition and appearance.
- Installation of structural reinforcement to anchor different elements and avoid new cracks and fissures appearing.
- Replacement of the exterior woodwork.
- Restoring of the four towers, railings and aerials.
- Repair and waterproofing of the building's flat roof.

#### **CONNECTING FOOTBRIDGE JOINING THE PASSENGER TERMINALS ON BARCELONA WHARF**

This project involves building a pedestrian walkway to join the existing Trasmediterránea Passenger Terminal with the future Passenger Terminal to be built at the Trade Center building.

The structure is made up of rhomboid-shaped white concrete pillars and a pedestrian walkway. The total length is 307 m, width 3.30 m. The roof is of sheet metal and the side walls of glass.

#### **EXTENSION OF THE DÀRSENA INTERIOR WHARF**

The work involves extending the current wharf approximately 150 m. in length with a draught of 8 m draught using submerged concrete and the creation of a 4,000 m<sup>2</sup> yard.

#### **RAILWAY TERMINAL FOR VEHICLES IN SOUTH AREA**

This involves building a rail terminal in the southern area of the port with an access branch line of 300 m. in length with four sidings for the loading and unloading of vehicles of 250 m. l. each.

#### **EXTENSION OF THE PONENT WHARF HEADWALL - PHASE 1**

The project dredging the channel, filling with rock pile for placement of caissons and anchoring four existing caissons from unused Port wharves. With the future second phase of the project it will be possible to extend the Ponent Wharf by 50 metres.

A Ro-Ro berth will also be included.

#### **ENLARGING OF THE LORRY PARK IN THE ZONA SUD**

This comprises the paving of 17,000 m<sup>2</sup> of yard using a 40 cm. stone filling, 20 cm of artificial ballast and 7 cm asphalt conglomerate, with the corresponding services, drains, electricity lines and tanks.

#### **ANTI-POLLUTION SCREEN ON THE CONTRADIC SUD WHARF**

This comprises the supply and setting up of a screen 162 m long and 12 m high, made of pre-lacquered metal sheet supported by a metal structure of cold laminated profiles with an access door.

#### **AIR CONDITIONING THE PORTAL DE LA PAU BUILDING**

This comprises the installation of an air conditioning system on two floors of the building involving a multi-purpose air condensation thermofrigeration unit, with heat recovery, which will simultaneously supply hot and cold water via a four-tube hydraulic system.

#### **REFURBISHING OF THE PASSENGER TERMINAL ON BARCELONA WHARF**

This comprises the refurbishing of the passenger terminal on the Barcelona Wharf in order to adapt it to the needs of the new services, with a total surface of 1,645 m<sup>2</sup> distributed over two floors and the mezzanine.

#### **REFURBISHING OF A WAREHOUSE AS A PASSENGER TERMINAL**

This comprises the remodelling of 1,284 m<sup>2</sup> of surface on the Barcelona Wharf, which will include offices, a warehouse and a baggage collection area. Furthermore, this includes structural reinforcement and facing of the interior and exterior of the building.

#### **WALKWAY NEXT TO THE TRADE CENTER**

This involves the construction of a stretch of walkway with two openings of 18.00 m each, and a span of 1.20 m with a white concrete roof.

#### **ADDITIONAL INVESTMENTS OF THE INFLAMMABLES SEA-LINE**

As a result of the building of the extension to the sea-line of the inflammables wharf, thus gaining 69 ha of yard, it is necessary to modify the course of the gas pipeline linking ENAGAS to the north of the city.

This comprises the construction of a new gas pipeline next to the Port breakwater, using directed perforation.

#### **SHIPYARD PREMISES (Access along the Passeig Joan de Borbó)**

This consists of providing access to the Passeig Joan de Borbó for 10 business premises on the ground floor of the old OTP building by installing sliding wooden doors and continuous steel structure work.

#### **MODIFICATION OF THE REARRANGING OF THE ROADWAYS OF THE PORT VELL**

This consists of the reinforcing of the signposting and installation of traffic lights in the port lanes of the Port Vell. It includes the rearranging of bus parking spaces and accesses to taxi ranks.

#### **INSTALLATION OF PUBLIC SERVICES AND ENLARGING OF THE IRRIGATION NETWORK OF THE BOSCH I ALSINA WHARF**

This involves the preparation and installation of two public services in the interior premises of the access ramps to the Bosch i Alsina Wharf and provides them with facilities for the disabled as well as the extension of piping and irrigation to complete the network in the aforementioned wharf.